

The Kingston Class Vessel Dossier



LIST OF EFFECTIVE PAGES

Insert latest changed pages, dispose of superseded pages in accordance with applicable instructions.

NOTE

On a changed page, the portion of the text affected by the latest change is indicated by a vertical line in the margin of the page.

All changes are to be noted in the following page in the table “Record of Amendments”

RECORD OF AMENDMENTS

AMENDMENT NO.	DATE	AMENDED BY	REMARKS
0	08 May 2019	MWAV Team	Original Version

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1. Introduction

1.1. Purpose

This document provides a description of the Kingston Class vessels and identifies the class specific support requirements.

1.2. List of Vessels in Class

The Contractor must be responsible for supporting the following vessels:

Hull	Name	Home Port	Commissioning Date
700	KINGSTON	Halifax	21 September 1996
701	GLACE BAY	Halifax	26 October 1996
702	NANAIMO	Esquimalt	10 May 1997
703	EDMONTON	Esquimalt	21 June 1997
704	SHAWINIGAN	Halifax	14 June 1997
705	WHITEHORSE	Esquimalt	17 April 1998
706	YELLOWKNIFE	Esquimalt	18 April 1998
707	GOOSE BAY	Halifax	26 July 1998
708	MONCTON	Halifax	12 July 1998
709	SASKATOON	Esquimalt	5 December 1998
710	BRANDON	Esquimalt	5 June 1999
711	SUMMERSIDE	Halifax	18 July 1999

The Contractor must also be responsible for supporting the following payloads and systems in accordance with the overarching processes defined in the SOW:

A. Integrated Survey and Inspection System and the following associated payloads;

- 1) Legacy Route Survey Payloads;
- 2) RSSLE Payloads: four (4)
- 3) Bottom Object Inspection Payload: one (1);
- 4) Route Survey Data Analysis Facility (RSDAF) systems: two (2);

B. Differential Global Positioning System (DGPS): two (2) ; and

C. Accommodations Payload: seven (7).

The Crown reserves the right to add and remove payloads.

The RSDAF and the DGPS consist of shore based systems which are typically located within Department of National Defence (DND) facilities on each coast, one of each in Halifax NS and Esquimalt BC.

The Contractor must be responsible for maintaining the payloads in accordance with their maintenance plans and for certifying that the payload systems are fully ready for use upon load out.

1.3. Class Description

The main roles of the KINGSTON Class ships are:

- a. Coastal surveillance, including 3-4 month deployments and assistance to other government departments;
- b. Naval reserve force training in all disciplines and in all regions of the country; and
- c. Mine countermeasures for route survey and mine inspection operations.

The KINGSTON Class vessels are fitted for, but not necessarily with, Route Survey (RS) and Bottom Object Inspection (BOI) capabilities. Additionally an Accommodation Payload may be fitted. The RS, BOI and Accommodation capabilities are provided as interchangeable payloads that are fit to the vessels on an as required basis.

The vessels were designed and built to predominantly commercial standards and were constructed to a common configuration. The minimum vessel design life is twenty five years. KIN Class vessels will enter their end of life period in 2020. A request has been submitted to extend this but no approval has been given as of yet.

A mixed gender crew of up to forty-seven personnel from the Naval Reserve and Regular Force mans each vessel. Crew manning is determined by operational and training requirements. To facilitate crew training, frequent crew turnovers are common. It is possible that all twelve vessels will be operational at the same time, however it is expected that the normal number of ships operating at any one time will be ten.

1.4. Area of Operations

Six of the vessels are home ported in Esquimalt BC, and six in Halifax NS unless amended in accordance with the SOW. The Kin Class will operate primarily in North America waters, south to the Panama Canal and north through navigable Arctic waters. On occasion they may deploy to European waters and the Pacific Rim.

1.5. Vessel Availability

Canada expects that the vessel will be available 90% (material availability) of the time outside of their scheduled maintenance periods.

2. Project Management

2.1. Management Information System

The documentation, maintenance, logistics, and configuration information for the KINGSTON can be found in MIS.

3. Maintenance Support

3.1. Maintenance Concept

The condition of the vessel and its equipment must be maintained to ensure that the vessel in all respects will remain fit to proceed to sea without danger to the vessel or embarked personnel. The maintenance concept for the KIN Class involves 14 weeks of dedicated short work periods (these periods could be 1 to 3 weeks in duration), as well as maintenance is often done on an ad hoc basis depending upon the needs of the RCN and the availability of the ship. Due to operational requirements it is possible that the contractor must co-ordinate maintenance 24 hrs per day, 7 days per week. Also the contractor must co-ordinate at times with other agencies such as FMF's and Ship's Staff as they will also be conducting maintenance.

4. Certification Requirements

4.1. CON-OPS Statement

Primary Roles : Force Employment (FE) missions including: Naval Mine Countermeasures (NMCM); Support to Other Government Departments (OGDs); Maritime (Sovereignty) Patrols including Canadian Arctic; Submarine Escort; Public Affairs Support; Counter drug Interdiction.

Secondary Roles: Force Development (Training); Conduct search and rescue operations (SAR Operations); Route Survey; Conduct surveillance; Support Research & Development (R&D) and Operational Research (OR) portfolios.

Special Functions: Provide limited medical support IAW RCN NAVORD 6600-6 Medical Support to KINGSTON Class Ships, dated 25-AUG-2014

4.2. CON USE

The role of the Kingston class has shifted to support more operational Force Employment (FE) missions. Although occasionally still used for Maritime Surface officer FG, Kingston vessels are now used to conduct counter drug operations in the Caribbean, sovereignty and surveillance patrols in the Canadian Arctic, support to OGDs or events such as Fisheries Patrols and submarine escorts, and support to defence research projects. Individual Training (IT) and Collective Training (CT) now occurs in support of major continental and international exercises, with a focus on maintenance and development of mine warfare competencies.

4.3. Standards Plan

The standards plan will be provided as a separate document at a later date.

4.4. Certification Strategy

The vessel is managed using the Allied NATO Engineering Publication No. 77 on the Naval Ship Code, where key safety areas are partially or wholly covered by Classification Society certification, and augmented with DND technical orders as required and detailed in the Standards Plan. The Certification Strategy will be promulgated at a later date.

4.5. Classification Society

The KIN-Class vessel's had an at-build Lloyd's Register Classification of:

- a. ✠ 100 A1 Coastal Defence Vessel, Ice Class 1D, LMC, CCS.

Vessels will be brought into (and maintained to) class by American Bureau of Shipping using equivalent notation of:

- a. A1 Coastal Naval Craft, Unrestricted Service, AMS, ACC, ICE Class D0.

Annex A – Crown Maintained Items (Excluded Items)

The following table is a snapshot as of May 2019 and can change depending upon the operational needs of the RCN.

QUANTITY	NSN	DESCRIPTION
2		BIG EYE BINOCULARS Model MK 3 MOD 5
	6650-00-418-2127	Binocular Assembly
	6650-00-418-2128	Carriage Assembly
	6650-00-418-2129	Pedestal Assembly
1	5810-21-898-7586	KWR-46 Vallor HF
2	5810-00-449-0514	KY 58 VINSON VHF/UHF
2	5810-01-250-6618	KG 84C Tadpole Ship/Shore Teletype
1	5895-01-250-9557	ANDVT CV-3591(P)/U Base Terminal Unit (TACTERM)
5	4220-21-906-0254	20 Person Life Raft
2	4220-21-890-1286	Life Jacket Storage Canister
		.50 cal HMG
		Sig Sauer
		Shotgun
		C8
		C9
		Line throwing device
		Sword c/w scabbard
		Vary pistol
	4210-01-497-1361	Feecon 60 GPM Tuf-Lite 1.511 Nozzle
	4210-21-891-1203	Foam Proportioner
	4210-21-108-3912	Pipeline Adapter
	4210-21-583-1015	Siamese Connection
	4210-21-583-1007	Hose Reducer
	4210-21-904-1361	1-1/2" Hose Assembly

QUANTITY	NSN	DESCRIPTION
		Air/Water Extinguisher
	4210-21-583-0342	C02 Extinguisher
	4210-21-908-1048	Dry Chemical Extinguisher
	4210-01-570-3204	DRAEGER Breathing Apparatus
	4240-01-116-9888	EEBD Breathing Apparatus
	4240-21-877-2380	MSA 401 Breathing Apparatus
	5130-01-137-9312	HILTI Gun
	5855-01-492-6913	Thermal Imaging Camera
	2040-21-913-2541	GRP Splinter Box, Set of 4 (dia. 250mm, 350mm, 450mm, 550mm)
	3695-21-891-1086	Portable Rescue Saw
	1940-21-909-5354	Zodiac Hurricane 540 Rigid Inflatable Boat
	2805-21-896-1913	75 HP Outboard Motor
	4220-21-890-1286	Life Jacket Stowage Canister
		Life Preservers
		Buoyancy Jackets
	8415-21-911-8348	Immersion Suits
	1940-21-921-0169	SR2 Zodiac Boat
		PRC-117G radio communications system
	6665-01-536-9303	Parasense Refrigerant Leak detection System
1		Parasense Model 3300 Refrigerant Leak Detector
1		Oxygen Monitor (OSM)
3		Remote Annunciator Modules (RAMS)
		Dell PowerEdge R610
		EMC VNXe 3100
		Powerstar PS3300LCS with SNMP and PS3300RM2UBP-h

QUANTITY	NSN	DESCRIPTION
		Cisco 2901
		Cisco 3925
		Cisco Catalyst WS-C3750X-48T-12S-S
		Cisco Catalyst WS-C3750V2-24FS-S
		Symmetricon SyncServer S200
		Hewlett Package TFT7600 G2
		Avocent SC180-001
		HP 5740e
		Wyse Z00DE
4		Laptops provided by BIS
2		Printers provided by BIS
7		Laptops provided by BIS
4		VOIP provided by BIS
5		Printers provided by BIS
12		TTC
		HP Compaq 8200 Elite Series Business PC SFF
		HP Compaq LA1751 17 in LCD Monitor
		Retention Devices, Keyboard, speaker bar and mouse
		HP LaserJet PRO CP 1025NW Colour Printer

Annex B – Risk Folio

The following is a snapshot as of May 2019 and can change depending upon the operational needs of the RCN.

1. General

- 1.1 Contracted workers must conduct risk assessments for each task to be performed. The risks identified below are a guide for workers to assist them in conducting a thorough examination of the risks and completing their own task-specific risk assessment.
- 1.2 When developing work procedures for high-risk work onboard vessels, contractors must refer to DND standards in conjunction with provincial and federal regulatory and workers' compensation legislation and instruments on the worksite, including local worksite requirements imposed by DND. Contractors must ensure that their subcontractors do likewise.
- 1.3 Six hazards are identified and assessed for each compartment. Two line items are included for unique hazards and additional relevant information:
 - 1.3.1 Hazardous Material
 - 1.3.2 Rotating Machinery and Noise
 - 1.3.3 Electrical Hazards, i.e. batteries, arc flash, high power cabling
 - 1.3.4 Confined Spaces
 - 1.3.5 Environment
 - 1.3.6 Working Aloft
 - 1.3.7 Other Hazards, i.e. slips, trips and falls,
 - 1.3.8 Additional Information
- 1.4 The following hazards are generic to working on any vessel, regardless of size and function:
 - 1.4.1 Oil, water, ice, hoses, shock mats, electrical cabling, and ventilation ducting on deck create slip, trip and fall hazards.
 - 1.4.2 Public address, emergency alarm, or ship whistles can sound without notice or machinery can start up automatically. They can be noisy and startling.
 - 1.4.3 Low hanging valves, wire ways, fitted equipment, and temporary lighting, low deckheads, and short doorways create bump (head) hazards. Hardhats and bump caps are recommended.
 - 1.4.4 Fire extinguishers contain CO₂, Dry Chemical and water/gasses under pressure.
 - 1.4.5 Gray water, black water, compressed air, sea water, and fresh water piping under pressure runs throughout the ship.
 - 1.4.6 During periods of intense maintenance, multiple contracted workers may be working throughout the ship. Workers must collaborate with the crew and pay strict adherence to LO/TO and safety.
 - 1.4.7 Some bilges due to their construction are small and difficult to access which in turn leads to poor air circulation and hazardous air quality. Air tests must be taken and, as required, confined space measures implemented.
 - 1.4.8 Quantities and types of cleaning materials throughout the ship may pose a chemical hazard.
 - 1.4.9 When working on the upper deck near the outer ship's side, workers must wear a Personal Floatation Device (contractor provided), even with guard rails in place.

- 1.4.10 Smoke detectors contain a radioactive material radioisotope.
- 1.4.11 Personal life preservers for the crew contain a lithium battery.
- 1.4.12 Emergency Escape Breathing Devices contain sodium chlorate, an oxygen producing compound.
- 1.4.13 Aqueous Film Forming Foam canisters are stored at the hose stations.
- 1.4.14 Self-contained breathing apparatus (SCBA) cylinders used for firefighting contain compressed breathing air up to 4,000 PSI.
- 1.4.15 Printers and photocopiers contain toner.

2. KINGSTON Class Risk Overview

- 2.1 The KINGSTON Class vessels were commissioned from 1995 to 1998 with six vessels home-ported in Halifax, NS, and six in Esquimalt, BC.
- 2.2 The vessels were built in Halifax Shipyard to Lloyds Rules and have been maintained to those rules by an In-Service Support Contractor.
- 2.3 A complete preventive maintenance program has been implemented and is managed by the ISS contractor.
- 2.4 Much of the equipment onboard the vessel is commercial-off-the-shelf and can be maintained by third-party subcontractors. CANADA has directed that only the original equipment manufacturers must maintain KINGSTON Class operations equipment and the main propulsion diesel engines.
- 2.5 Due to the size of a KINGSTON Class vessel's crew, workers must be sensitive that they may be working in crew members' living or recreation spaces.
- 2.6 As the class was built post 1985 there is no friable asbestos-containing-material nor PCBs in the vessel.
- 2.7 Recently (November 2018) paint in the main fridges was found to contain lead at concentrations greater than the current maximum allowable. Further testing will be performed to determine the extent of lead inside the ship and on the external house.

3. Bridge Top and Mast

- 3.1 Hazardous Material – grease, oil, spray lubricants and degreasers on equipment.
- 3.2 Rotating Machinery and Noise
 - 3.2.1 Both (X and Y) radar antennae may rotate without radiating. Little noise.
 - 3.2.2 Anemometer on the yardarm rotates freely in the wind.
 - 3.2.3 With satellite receiver dome removed rotating antennae could be hazardous.
 - 3.2.4 Ship's whistle may sound without warning. It is loud and can be startling.
- 3.3 Electrical
 - 3.3.1 120 VAC and various emitter / receiver voltages.
 - 3.3.2 Batteries in Electronic Programmable Identifying Radio Beacons
- 3.4 Confined Space – nil
- 3.5 Environment – care must be taken to prevent any lubricant or cleaner from falling from mast and into water.
- 3.6 Working Aloft
 - 3.6.1 Work at 3 metres or greater above deck must have Working Aloft control procedures in place.
 - 3.6.2 Workers should remind crew to inform QHM that work aloft is planned so that a low-wake protocol can be set in place.

- 3.6.3 Due to the height of some communication / navigation and lighting equipment personnel are raised via a man-basket lift. A fall-arrest harness must be worn.
- 3.6.4 A good hand grip especially on wet surfaces is essential. Gloves with a rubberized grip material are recommended.
- 3.6.5 It can be cold even in the summer. Warm clothing is recommended.
- 3.7 Other Hazards
 - 3.7.1 RF Radiation hazard (Radhaz). Consult with crew as to what emitters must be locked out.
 - 3.7.2 Access ladder is inside Main Mast which, due to lack of air circulation, is a confined space.
- 3.8 Additional Information – working on mast and equipment requires specialized skills, certified training and necessary working aloft equipment. Supervisors and crew must be vigilant to ensure personnel are qualified and procedures are strictly enforced.

4. Bridge

- 4.1 Hazardous Material
 - 4.1.1 Mild cleaning products, contact cleaner
 - 4.1.2 Grease, oil, spray lubricants, and degreasers
- 4.2 Rotating Machinery and Noise – crew may be using various exercise equipment
- 4.3 Electrical
 - 4.3.1 Variety of small batteries, e.g. EPIRB, SART, laptops, portable radios, signalling lamp, weather fax.
 - 4.3.2 220, 120 VAC for equipment and lighting
- 4.4 Confined Spaces – nil
- 4.5 Environment – nil
- 4.6 Working Aloft – nil
- 4.7 Other Hazards
 - 4.7.1 Smoke device locker starboard after corner.
 - 4.7.2 Small arms locker near aft door.
- 4.8 Additional Information
 - 4.8.1 IFDMS panel located on Bridge.
 - 4.8.2 Bridge is muster location for ship's firefighting team. Bunker gear may be on deck ready for immediate donning. Trip hazard

5. Port and Starboard Bridge Wings

- 5.1 Hazardous Material – nil
- 5.2 Rotating Machinery and Noise – several bridge windows are fitted with clear view screens which may rotate without notice.
- 5.3 Electrical – 120 and 60VAC and 24VDC for equipment and lighting.
- 5.4 Confined Space – nil.
- 5.5 Environment – funnel exhaust may drift onto the bridge wing areas. Noxious fumes
- 5.6 Working Aloft – nil
- 5.7 Additional Information
 - 5.7.1 Fifty calibre machine gun mounts are fitted on forward end of bridge wings. Guns may be in place, dependant on ship's routine.

- 5.7.2 Three 20 man liferaft canisters, which contain compressed air cartridges, are fitted on each wing.
- 5.7.3 Several lockers are fitted on each wing
 - 5.7.3.1 Demolitions locker – starboard, forward of aft bridge door
 - 5.7.3.2 Pyrotechnics locker – port, aft of aft bridge door
 - 5.7.3.3 Smoke device locker – starboard, aft of aft bridge door
 - 5.7.3.4 Fifty calibre ammunition ready use locker – forward

6. All Cabins

6.1 As each cabin is basically the same, risks are common. Cabins and their location are listed here followed by common risks:

- 6.1.1 Commanding Officer's Cabin (No. 1) – 01 Deck, starboard, forward
- 6.1.2 XO's Cabin (No. 2) – 01 Deck, port, forward
- 6.1.3 Cabin No. 3 – 1 Deck, starboard, Fr 15 – 21
- 6.1.4 Cabin No. 4 – 1 Deck, port, Fr 15 – 21
- 6.1.5 Cabin No. 5 – 1 Deck, starboard, Fr 21 – 26
- 6.1.6 Cabin No. 6 – 1 Deck, port, Fr 21 – 26
- 6.1.7 Cabin No. 7 – 1 Deck, starboard, Fr 40 – 46
- 6.1.8 Cabin No. 9 – 1 Deck, starboard, Fr 46 – 53
- 6.1.9 Cabin No. 11 – 2 Deck, starboard, Fr 35 – 40
- 6.1.10 Cabin No. 12 – 2 Deck, port, Fr 35 – 40
- 6.1.11 Cabin No. 13 – 2 Deck, starboard, Fr 40 – 47
- 6.1.12 Cabin No. 14 – 2 deck, port, Fr 40 - 47
- 6.1.13 Cabin No. 15 – 2 deck, starboard, Fr 47 - 53
- 6.1.14 Cabin No. 16 – 2 deck, port, Fr 47 - 53

6.2 Hazardous Material – mild cleaning products

6.3 Rotating Machinery and Noise – nil

6.4 Electrical

- 6.4.1.1 120 VAC for lighting and outlets (bunk and cabin).
- 6.4.1.2 A navigation display in the CO's cabin.

6.5 Confined Space – nil

6.6 Environment – nil

6.7 Working Aloft – nil

6.8 Additional Information

- 6.8.1 Escape route for cabins No. 13 to 16 via escape hatch to Cabin No. 7.
- 6.8.2 Escape route for cabins No. 11 and 12 via escape hatch in Degaussing Compartment to C&POs Dining and Lounge.

- 6.8.3 Escape hatches should remain closed unless maintenance is being performed on them.

7. All Heads and Washplaces

- 7.1 Similarly, heads and washplaces are, from a risk perspective, identical. They are located as follows:
 - 7.1.1 CO and XO – 01 Deck, port, Fr 45 to 51
 - 7.1.2 Main Flats – 1 Deck, port, Fr 47 to 53
 - 7.1.3 Laundry Flats – 2 Deck, midships, Fr 35 to 40
 - 7.1.4 Chiefs and POs – 2 Deck, midships, Fr 40 to 45
 - 7.1.5 Sea Head – 1 Deck, starboard, 58 to 62
- 7.2 Hazardous Material – mild cleaning products.
- 7.3 Rotating Machinery and Noise – nil
- 7.4 Electrical – 120 VAC for lighting and outlets
- 7.5 Confined Space – nil
- 7.6 Environment – nil
- 7.7 Working Aloft – nil
- 7.8 Other Hazards – depending on their state of cleanliness these spaces may be considered a biohazard.

8. All Messes (Wardroom, C & POs, Junior Ranks)

- 8.1 The risks for the three messes are also considered identical. The risks are:
- 8.2 Hazardous Material – mild cleaning products, spirits, wine and beer in locked refrigerators or cabinets.
- 8.3 Rotating Machinery and Noise – nil.
- 8.4 Electrical – 120 VAC supply for lighting, appliances, TV, computers.
- 8.5 Confined Spaces – nil
- 8.6 Environment – nil
- 8.7 Working Aloft – nil
- 8.8 Other Hazards – escape hatch from Degaussing Compartment into C&POs should be kept closed except during maintenance.

9. Operations Room / CCR Flats

- 9.1 Hazardous Material
 - 9.1.1 Dry Chemical, CO2 and air/water emergency fire extinguishers
 - 9.1.2 SCBA bottles
- 9.2 Rotating Machinery and Noise
 - 9.2.1 Hoist (Didsbury Hoist) to bring up ammunition from Magazine below is fitted behind port forward hatch. Operated with electric winch and chain. Now deemed redundant.
 - 9.2.2 MAC #2 fitted outside CCR Door.
- 9.3 Electrical – 220 VAC for operations equipment. 120VAC for lights and outlets.
- 9.4 Confined Space – nil
- 9.5 Environment – nil
- 9.6 Working Aloft – nil
- 9.7 Additional Information

- 9.7.1 Emergency hatch to Foc'sle at forward end of flat.
- 9.7.2 Water-tight doors, one forward and one aft, and a deckhead hatch provide access to this compartment.

10. Funnel Deck Area

- 10.1 Hazardous Material – 5 x 20L and 2 x 5 L gasoline fuel cans are stored in purpose-built gasoline rack aft of port funnel.
- 10.2 Rotating Machinery and Noise – General Purpose Crane is located aft of starboard funnel
- 10.3 Electrical
 - 10.3.1 600 VAC for crane
 - 10.3.2 120 VAC lighting
 - 10.3.3 High voltage (220 VAC) for HF Transmit antennae (port and starboard)
- 10.4 Confined Space – nil
- 10.5 Environment – nil
- 10.6 Working Aloft – when working on GP Crane HF Transmitter must be locked out.

11. Electronics Workshop

- 11.1 Hazardous Material
 - 11.1.1 Mild cleaning products, lubricants and spray degreasers.
 - 11.1.2 Solder paste, isopropyl alcohol, contact cleaner
 - 11.1.3 Refrigerant from MAC#2.
- 11.2 Rotating Machinery and Noise – galley supply fan (enclosed). Mild noise.
- 11.3 Electrical
 - 11.3.1 120, 220 VAC cabling and switching
 - 11.3.2 Batteries in test equipment (alkaline) and UPS (lithium)
- 11.4 Confined Space – nil
- 11.5 Environment – nil
- 11.6 Working Aloft – nil

12. Operations Room

- 12.1 Hazardous Material
 - 12.1.1 Mild cleaning products.
 - 12.1.2 CO2 fire extinguisher
- 12.2 Rotating Machinery and Noise – nil.
- 12.3 Electrical
 - 12.3.1 120 and 220 VAC equipment and lighting
 - 12.3.2 450 VAC large transformers at after end of space
- 12.4 Confined Space – nil
- 12.5 Environment – nil
- 12.6 Working Aloft – nil

13. Communications Control and Equipment Rooms (CCR / CER)

- 13.1 Hazardous Material - mild cleaning products.
- 13.2 Rotating Machinery and Noise – nil

- 13.3 Electrical
 - 13.3.1 120 and 220 VAC equipment and lighting
 - 13.3.2 Variety of batteries in portable radios, UPS (lead acid batteries), nickel cadmium.
 - 13.3.3 Various DC voltages in the communication equipment racks
- 13.4 Confined Space – nil
- 13.5 Environment – nil
- 13.6 Working Aloft – nil
- 13.7 Additional Information – these compartments are small and packed with communications equipment. Care must be taken not to disturb the many patch panels.

14. Fan Room

- 14.1 Hazardous Material
 - 14.1.1 Lube oil, AFF, coolant and greases are often stored here
 - 14.1.2 Standing water behind equipment may be stale and mouldy
 - 14.1.3 Refrigerant in equipment and piping.
- 14.2 Rotating Machinery and Noise
 - 14.2.1 Air conditioning compressor motor with guards in place.
 - 14.2.2 A large fan within the ducting / plenum to distribute air throughout the vessel
- 14.3 Electrical – 120, 220, 450 VAC for lighting and air conditioning equipment.
- 14.4 Confined Space – care should be taken when entering the plenum area behind the bulkhead via the screen / access hatch from the Ops Room Flats. If fan has not run for some time, area should be force ventilated for at least an hour. Confined space protocol should be implemented.
- 14.5 Environment – nil
- 14.6 Working Aloft – nil

15. Boat Deck

- 15.1 Hazardous Material
 - 15.1.1 Gasoline in SCBA compressor stowed on deck and in inflatable boat
 - 15.1.2 Hydraulic fluid got GP crane
- 15.2 Rotating Machinery and Noise
 - 15.2.1 Diver Recovery Davit on port side, hand operated
 - 15.2.2 SCBA compressor
- 15.3 Electrical
 - 15.3.1 120 VAC for lighting.
 - 15.3.2 450 VAC at shore power box
 - 15.3.3 600 VAC at shore power box and GP crane
- 15.4 Confined Space – access to port and starboard funnel casings, which are confined spaces, is via bolted cover on forward funnel faces.
- 15.5 Environment – this deck is main thoroughfare from ship to ship when nested via ship's 2 metre aluminum gangway. Care must be taken when transporting hazardous material across the small gangway to prevent spillage between ships and into water.
- 15.6 Working Aloft – access to funnel tops is via ladders on forward funnel faces. Working aloft procedures must be in place when proceeding aloft.
- 15.7 Other Hazards
 - 15.7.1 Shore power cables and hoses on deck – tripping hazard.

- 15.7.2 Scramble net deck fittings (screw plugs) on port side. Can become corroded to point that heat cannot free up the plug. Extreme care must be taken when heat is applied to socket-well below deck. Expanding air/steam in the well can cause the socket to catastrophically fail.

16.Port and Starboard Breezeways

- 16.1 Hazardous Material – nil
- 16.2 Rotating Machinery and Noise
 - 16.2.1 Various ventilation inlet and exhaust plenums.
 - 16.2.2 Diver Recovery Davit rope reel on starboard side at head height (bump hazard).
- 16.3 Electrical – 120 VAC cabling and switches for lighting and equipment
- 16.4 Confined Space – nil
- 16.5 Environment – nil
- 16.6 Working Aloft – nil
- 16.7 Other Hazards – berthing lines through fairleads and secured to bollards create obvious and dangerous tripping hazards.
- 16.8 Additional Information
 - 16.8.1 Focs'le firefighting station / locker is fitted on starboard breezeway forward.
 - 16.8.2 Ventilation plenum and exhaust flaps on port breezeway may become free from their holdback and inadvertently close. Bump hazard

17.Focs'le / Gun Deck

- 17.1 Hazardous Material
 - 17.1.1 Ammunition in ready use locker, aft, starboard.
 - 17.1.2 Hydraulic fluid in anchor windlass and gun
- 17.2 Rotating Machinery and Noise
 - 17.2.1 Gun mount on aft end of deck. Only hazardous if gun fitted.
 - 17.2.2 Anchor Windlass on foredeck
- 17.3 Electrical
 - 17.3.1 120 VAC for lighting
 - 17.3.2 220 VAC for remote switches to black water pumps
 - 17.3.3 600VAC for anchor windlass.
- 17.4 Confined Spaces – nil
- 17.5 Environment – shore gangway often located here. Take care when carrying hazardous material across the gangway.
- 17.6 Working Aloft – nil
- 17.7 Additional Information
 - 17.7.1 Berthing lines and bollards surrounding deck – tripping hazard.
 - 17.7.2 Vertical ladder just aft of gun leads to forward bridge deck.

18.Rope Stores

- 18.1 Hazardous Material
 - 18.1.1 CO2 and air/water fire extinguisher.
 - 18.1.2 Cleaning products and possibly paint (small quantities).
- 18.2 Rotating Machinery and Noise
 - 18.2.1 Towline rope spool – hand operated.

- 18.2.2 Blast heater fan.
- 18.3 Electrical
 - 18.3.1 120 VAC for lighting.
 - 18.3.2 440 VAC for blast heaters.
 - 18.3.3 600 VAC for anchor windlass at deckhead
- 18.4 Confined Space – nil
- 18.5 Environment – nil
- 18.6 Working Aloft – nil
- 18.7 Other Hazards
 - 18.7.1 Entry is via a hatch with a tall coaming and vertical ladder. The ladder may be wet and corroded. Trip hazard.
 - 18.7.2 Compartment is typically cluttered with deck gear including fenders (pneumatic and rope), rope, blocks, awning stanchions, tarps, shock-mats, brooms, shovels, rat guards. Trip hazard.
- 18.8 Additional Information
 - 18.8.1 Forepeak and ballast tank #1 are accessed via bolted hatch
 - 18.8.2 Anchor chain hawse pipes (P&S) transit through.

19.Refrigeration Spaces

- 19.1 R-22 refrigerant supplied from fridge compressors below in Forward Auxiliary Machinery Room for following refrigerated spaces:
 - 19.1.1 Cold Stores (Meat and Fish)
 - 19.1.2 Dairy Stores
 - 19.1.3 Fruit and Vegetable Stores
- 19.2 Hazardous Material – rotted fruit and vegetables; spoiled dairy, bread, meat
- 19.3 Rotating Machinery and Noise – space fans with guards are fitted, run quiet.
- 19.4 Electrical – 120 and 220 VAC for lighting and refrigeration equipment.
- 19.5 Confined Space – nil
- 19.6 Environment
 - 19.6.1 Refrigerant leak.
 - 19.6.2 Mould, particularly on deck and wood framing.
- 19.7 Working Aloft – nil
- 19.8 Other Hazards – deck may be slippery from water or ice.

20.Canteen

- 20.1 Hazardous Material – refrigerant in counter fridge.
- 20.2 Rotating Machinery and Noise – nil
- 20.3 Electrical – 120 VAC for lighting and outlets
- 20.4 Confined Space – nil
- 20.5 Environment – nil
- 20.6 Working Aloft – nil
- 20.7 Additional Information
 - 20.7.1 When ship is manned Canteen is locked.
 - 20.7.2 Stainless steel shelving and counter on door may be sharp. Cut hazard.

21. Galley

- 21.1 Hazardous Material
 - 21.1.1 Cleaning products
 - 21.1.2 Refrigerant in stand-up fridge.
 - 21.1.3 Food waste under appliances
 - 21.1.4 Grease from deep fat fryer on exhaust trunking surfaces
- 21.2 Rotating Machinery and Noise
 - 21.2.1 Garburator under the sink
 - 21.2.2 Dough mixer.
- 21.3 Electrical
 - 21.3.1 120 VAC for lighting and counter appliances
 - 21.3.2 220 VAC for appliances – grill, oven, fryer, steam trays, mixer.
- 21.4 Confined Space – nil
- 21.5 Environment – nil
- 21.6 Working Aloft – nil
- 21.7 Other Hazards
 - 21.7.1 Deck is often slippery from water and spilled food. Slip hazard
 - 21.7.2 When food is being prepared compartment can be very warm.

22. MCR Flats

- 22.1 Hazardous Material – Dry Chemical and H2O emergency extinguishers.
- 22.2 Rotating Machinery and Noise – nil
- 22.3 Electrical
 - 22.3.1 120 VAC for lighting and outlets.
 - 22.3.2 220 VAC cabling
 - 22.3.3 450 VAC cabling
- 22.4 Confined Space – nil
- 22.5 Environment – nil
- 22.6 Working Aloft – nil
- 22.7 Other Hazards – SCBA cylinders
- 22.8 Additional Information – Section Base, damage control locker located in this passage way. Congested area.

23. Ship's Office

- 23.1 Hazardous Material – mild cleaning products, office products (toner, markers)
- 23.2 Rotating Machinery and Noise – nil
- 23.3 Electrical
 - 23.3.1 Mild batteries
 - 23.3.2 120VAC for lighting and outlet
- 23.4 Confined Space – nil
- 23.5 Environment – nil
- 23.6 Working Aloft – nil
- 23.7 Additional Information – emergency escape hatch from Main Switchboard. Keep closed unless being maintained

24. Wet Gear Stores / Sea Heads

- 24.1 Hazardous Material
 - 24.1.1 Mild cleaning products, lubrication products
 - 24.1.2 Refrigerant in ice machine
 - 24.1.3 Depending on head's cleanliness, possible biohazard
- 24.2 Rotating Machinery and Noise – ice machine compressor
- 24.3 Electrical – 120 VAC for lighting and outlet
- 24.4 Confined Space – nil
- 24.5 Environment – nil
- 24.6 Working Aloft – nil

25. Machinery Control Room

- 25.1 Hazardous Material
 - 25.1.1 Mild cleaning and lubrication products
 - 25.1.2 Dry Chemical and air/water fire extinguisher
- 25.2 Rotating Machinery and Noise – when main engines or emergency generator are running and after MCR door is open, it can be noisy. Ear defenders are recommended.
- 25.3 Electrical
 - 25.3.1 120 VAC for lighting
 - 25.3.2 220 VAC for equipment
 - 25.3.3 Various AC and DC voltages in the machinery control console. Apply strict rigour to LOTO
 - 25.3.4 Final resource power distribution
 - 25.3.5 Batteries in thermal imaging camera, portable radios and laptops.
- 25.4 Confined Space – nil
- 25.5 Environment – nil
- 25.6 Working Aloft – nil
- 25.7 Other Hazards – aft port hatch to Main Switchboard is adjacent to door to Emergency Generator Flats (main thoroughfare to main machinery rooms). The safety chain must be hooked to the stanchion at all times.
- 25.8 Additional Information – the MCR is often a congested compartment with contracted workers and crew. Workers should make appropriate arrangements and reports quickly and proceed to their place of work.

26. Emergency Generator Compartment

- 26.1 Hazardous Material
 - 26.1.1 Naval distillate fuel in engine and supply piping.
 - 26.1.2 Coolant (ethyl glycol) and lubricating oil in engine.
 - 26.1.3 CO2 fire extinguisher
- 26.2 Rotating Machinery and Noise
 - 26.2.1 Emergency generator may start up without notice. Belts and pulleys are guarded.
 - 26.2.2 When generator running ear defenders are required.
- 26.3 Electrical
 - 26.3.1 Emergency switchboard is opposite to the generator. Voltages of 600, 440, 220, and 120 VAC are present.

- 26.3.2 440 VAC for blast heater
- 26.3.3 Two large lead acid batteries (24VDC) to start emergency generator.
- 26.3.4 Arc Flash labels on each cabinet
- 26.4 Confined Space – nil
- 26.5 Environment – exhaust leaks are possible which could contaminate the compartment environment. Leaks should be identified, reported and repaired as soon as possible.
- 26.6 Working Aloft – nil
- 26.7 Other Hazards – with engine running for prolonged periods considerable heat is generated. Burn hazard.

27. Forward, After Machinery and Motor Room Lobbies

- 27.1 Hazardous Material
 - 27.1.1 AFFF foam in Motor Room Lobby
 - 27.1.2 As a main thoroughfare little extraneous hazardous material stored here.
- 27.2 Rotating Machinery and Noise
 - 27.2.1 The fire damper is operated remotely from the MCR. It may activate without warning. There is no guard on the lever.
 - 27.2.2 There is no hatch to the after machinery room. Running main engines are noisy in this lobby.
- 27.3 Electrical - 120 VAC to lights.
- 27.4 Confined Space – nil
- 27.5 Environment – nil
- 27.6 Working Aloft – nil
- 27.7 Other Hazards
 - 27.7.1 Fastener storage bins and workmate (saw horse) on bulkhead. Bump hazard.
 - 27.7.2 Coaming for Motor Room Lobby to Sweepdeck door is high. Trip hazard.

28. Sweepdeck

- 28.1 Hazardous Material
 - 28.1.1 Environmental clean-up drums may contain hazardous material.
 - 28.1.2 Gasoline, oil and grease in inflatable boat stowed on MMS Winch base.
 - 28.1.3 Emergency generator diesel fuel tank – port forward
 - 28.1.4 Garbage stowed under ladder leading to Boat Deck. Possible biohazard
 - 28.1.5 Hydraulic fluid in Capstan, payloads, MMS Cranes
 - 28.1.6 Lube oil storage drums (full or empty)
 - 28.1.7 Main engine crank cases vent onto Sweepdeck. Noxious fumes.
- 28.2 Rotating Machinery and Noise
 - 28.2.1 Capstan aft of Motor Room Flats door.
 - 28.2.2 Various payloads include, but not limited to:
 - 28.2.2.1 MMS crane
 - 28.2.2.2 Bottom object inspection vehicle
 - 28.2.2.3 Side scan sonar with launch and recovery system
 - 28.2.2.4 Accommodation module
- 28.3 Electrical
 - 28.3.1 120VAC lighting and accommodation pod
 - 28.3.2 600VAC GP crane, payloads, capstan.

- 28.4 Confined Space
 - 28.4.1 Access manhole to emergency generator fuel tank
 - 28.4.2 Access manhole aft end of port funnel to AMR and Z-Drive ventilation plenum
- 28.5 Environment
 - 28.5.1 Variety of hazard material (lube oil, hydraulic fluid, coolant) in large containers (200 L drums) must be handled with due care to prevent spills along deck and over side.
 - 28.5.2 Fuelling position (with save-all drain) starboard under GP crane.
- 28.6 Working Aloft – nil
- 28.7 Other Hazards – berthing lines, bollards deck fittings, payload bases – trip hazard.
- 28.8 Additional Information
 - 28.8.1 Emergency escape hatches from AMR and FMR under starboard funnel.
 - 28.8.2 Hatches from Sweepdeck to Motor Room and Z-Drive Compartment with high coaming. Trip hazard.

29. Garbage Room

- 29.1 Hazardous Material
 - 29.1.1 Cleaning and lubrication products storage
 - 29.1.2 Compacted garbage residue
- 29.2 Rotating Machinery and Noise – garbage compactor. Seldom used
- 29.3 Electrical – 120VAC for lighting and 220 VAC for compactor
- 29.4 Confined Space – nil
- 29.5 Environment – nil
- 29.6 Working Aloft – nil
- 29.7 Other Hazards – random storage

30. Diving Stores Compartment

- 30.1 Hazardous Material – mild cleaning and lubrication products
- 30.2 Rotating Machinery and Noise – blast heater
- 30.3 Electrical
 - 30.3.1 120 VAC lighting
 - 30.3.2 440 VAC for blast heater
- 30.4 Confined Space – nil
- 30.5 Environment – nil
- 30.6 Working Aloft – nil
- 30.7 Other Hazards – compressed air cylinders

31. Sweepdeck Workshop

- 31.1 Hazardous Material
 - 31.1.1 Cleaning and lubrication products
 - 31.1.2 Neoprene glue and sealant for inflatable boat repairs.
 - 31.1.3 Dry Chemical emergency extinguishers
- 31.2 Rotating Machinery and Noise – grinder on bench, blast heater and ventilation exhaust fan. Marginal noise.
- 31.3 Electrical
 - 31.3.1 120VAC for lighting, 450VAC for blast heater.

31.3.2 Batteries for hand held emergency lanterns.

31.4 Confined Space – nil

31.5 Environment – nil

31.6 Working Aloft – nil

31.7 Other Hazards – oxy-acetylene kit

2. Deck

32.General Stores

- 32.1 Hazardous Material – as a “general” store with two Vidmar cabinets and many shelves, various hazardous materials (cleaning and lubricant products) may be stored here. Consult ship staff.
- 32.2 Rotating Machinery and Noise – blast heater
- 32.3 Electrical
 - 32.3.1 120 VAC to lighting.
 - 32.3.2 220 VAC for blast heater.
- 32.4 Confined Space – nil
- 32.5 Environment – nil
- 32.6 Working Aloft – nil
- 32.7 Additional Information
 - 32.7.1 Normally locked small arms locker in this space.
 - 32.7.2 Access via manholes to forward void and No. 2 SW Ballast.
 - 32.7.3 Access via vertical manhole to Cable Locker

33.Forward Auxiliary Machinery Room

- 33.1 Hazardous Material
 - 33.1.1 R-22 refrigerant and lubricating oil in refrigeration compressors. Refrigerant leak detectors are fitted.
 - 33.1.2 Cleaning and lubricating products.
 - 33.1.3 Bromine cartridges
 - 33.1.4 AFFF fire extinguisher
- 33.2 Rotating Machinery and Noise
 - 33.2.1 Fridge compressors (two off – upper and lower) just inside doorway to starboard. Guards in place. Compressors when set in automatic may start up without notice. Don ear defenders
 - 33.2.2 Bilge pump with guard in port after corner well.
 - 33.2.3 Desalinator with two pumps starboard aft corner. Guards in place.
 - 33.2.4 Brominator with enclosed pump.
 - 33.2.5 Blast heater.
- 33.3 Electrical
 - 33.3.1 120 VAC for lighting.
 - 33.3.2 220 VAC for Fresh Water Calorifiers
 - 33.3.3 440 VAC for Refrigeration Compressors, Blast Heater and Brominator Recirculating Pump, Hot FW Pumps
- 33.4 Confined Space – nil
- 33.5 Environment – nil
- 33.6 Working Aloft – nil
- 33.7 Other Hazards – hot water heater (two off) on forward bulkhead. Burn hazard.
- 33.8 Additional Information
 - 33.8.1 Access to Bow Thruster compartment.
 - 33.8.2 Air/water emergency extinguisher.

34. Bow Thruster Compartment

- 34.1 Hazardous Material – cleaning and lubricating products, often in large quantities, stored in forward end of compartment.
- 34.2 Rotating Machinery and Noise
 - 34.2.1 Hull and Fire Pump. High speed whining noise.
 - 34.2.2 Blast Heater fan
- 34.3 Electrical
 - 34.3.1 440 VAC supply to Hull and Fire Pump and Blast Heater.
 - 34.3.2 120 VAC to lighting
- 34.4 Confined Space – although not a confined space, due to its location and propensity for corrosion, hatch should be opened for five minutes to exhaust stale air.
- 34.5 Environment – nil
- 34.6 Working Aloft – nil
- 34.7 Other Hazards – ad hoc storage can create a trip hazard.
- 34.8 Additional Information
 - 34.8.1 Access via vertical manhole to No. 2 Fresh Water Tank.
 - 34.8.2 Sea strainer is removed periodically for cleaning. Isolation valve to be fully closed and locked.

35. Dry Stores

- 35.1 Hazardous Material
 - 35.1.1 Possibly mild cleaning products
 - 35.1.2 Detonator locker on starboard bulkhead just inside door
- 35.2 Rotating Machinery and Noise
- 35.3 Electrical
 - 35.3.1 120 VAC for outlets and lighting
 - 35.3.2 220 VAC radiation heater.
 - 35.3.3 440 VAC degaussing junction box
- 35.4 Confined Space – nil
- 35.5 Environment – nil
- 35.6 Working Aloft – nil

36. Beer and Pop Stores

- 36.1 Hazardous Material – spirits, wine, beer and pop
- 36.2 Rotating Machinery and Noise – blast heater
- 36.3 Electrical
 - 36.3.1 120 VAC for outlets and lighting
 - 36.3.2 440 VAC for blast heater
- 36.4 Confined Space – nil
- 36.5 Environment – nil
- 36.6 Working Aloft – nil
- 36.7 Additional Information – IFDMS pull station outside door in lobby

37. Laundry Room

- 37.1 Hazardous Material – laundry cleaning products

- 37.2 Rotating Machinery and Noise – two stackable washer-dryers
- 37.3 Electrical
 - 37.3.1 120 VAC for outlet and lighting.
 - 37.3.2 220 VAC for washer-dryer units.
 - 37.3.3 440/220 VAC transformer
- 37.4 Confined Space – nil
- 37.5 Environment – nil
- 37.6 Working Aloft – nil
- 37.7 Additional Information – access via flush-deck manhole to No.1 Fresh Water tank

38.Main Magazine

- 38.1 Hazardous Material – **explosives (ammunition)**
- 38.2 Rotating Machinery and Noise – nil
- 38.3 Electrical – 120 VAC explosion proof lighting.
- 38.4 Confined Space – nil
- 38.5 Environment – nil
- 38.6 Working Aloft – nil
- 38.7 Additional Information – compartment fitted with sea water spray system, remotely activated from bridge and MCR.

39.Degaussing Room and Linen Locker

- 39.1 Hazardous Material
 - 39.1.1 Cleaning and lubrication products
 - 39.1.2 CO2 fire extinguisher
- 39.2 Rotating Machinery and Noise – electrical hum from transformers when degaussing system operating
- 39.3 Electrical
 - 39.3.1 Three ships East and three West fitted with new Degaussing System Engineering Change
 - 39.3.2 450 and 120 VAC supply to Degaussing System.
 - 39.3.3 220 VAC radiation heater
- 39.4 Confined Space – nil
- 39.5 Environment – nil
- 39.6 Working Aloft – nil
- 39.7 Other Hazards – grey water grease trap and associated piping possible biohazard when trap and piping opened.
- 39.8 Additional Information
 - 39.8.1 Escape hatch to Chiefs’ and Petty Officers’ Dining and Lounge.
 - 39.8.2 Linen Locker is a small compartment adjacent to Degaussing Room. No hazardous material stored here.

40.Sewage Treatment Compartment

- 40.1 Hazardous Material
 - 40.1.1 Cleaning products and sanitizing chemicals (chlorine pucks).
 - 40.1.2 Standing black and grey water in bilge from piping, tank, pump gland leaks. Hydrogen sulphide gas detectors fitted.

- 40.2 Rotating Machinery and Noise
 - 40.2.1 Black and Grey Water pumps
 - 40.2.2 Aeration blower.
 - 40.2.3 Two blast heaters.
- 40.3 Electrical
 - 40.3.1 440 VAC for black and grey water pumps, aeration blower, blast heaters
 - 40.3.2 120 VAC for outlets and lighting
 - 40.3.3 Three x 50 KVA and three x 25 KVA 450 VAC transformers (ship Nos. 700 to 705)
- 40.4 Confined Space – although not a confined space, the atmosphere can be pungent and unpleasant. Five minute venting is recommended.
- 40.5 Environment – nil
- 40.6 Working Aloft – nil
- 40.7 Other Hazards – cold, damp space with considerable condensation. If chlorine pucks are not covered and contained in a plastic bag or container, the fumes can be strong. If so, request ship staff enclose / encapsulate chlorine pucks.
- 40.8 Additional Information
 - 40.8.1 Black water media tanks – cramped quarters around tank forward and outboard. Media tanks are periodically cleaned. Difficult and noxious work
 - 40.8.2 H2S detectors in bilge – alarms in lobby above

41.Void Spaces

- 41.1 Void spaces are located as follows:
 - 41.1.1 FR 12 to 15 – steel ballast fitted all ships except ship No 709
 - 41.1.2 Ship Nos. 706 to 711, port and starboard – FR 40 to 53 – steel ballast fitted starboard all ships, transformers fitted starboard
 - 41.1.3 Port and starboard – FR 53 to 62 – steel ballast fitted starboard forward all ships, additional ballast starboard aft ship Nos. 700 to 705
- 41.2 Hazardous Material – nil
- 41.3 Rotating Machinery and Noise – nil
- 41.4 Electrical
 - 41.4.1 Three x 50 KVA (aft) and three x 25 KVA (fwd) 450 VAC transformers forward void FR 40 to 53 ship Nos. 706 to 711
 - 41.4.2 440 VAC to blast heater ship Nos. 706 to 711
- 41.5 Confined Space
 - 41.5.1 Ship Nos. 700 to 705 are not ventilated. Implement complete confined space procedure.
 - 41.5.2 Ship Nos. 706 to 711 are ventilated.
- 41.6 Environment – nil
- 41.7 Working Aloft – nil
- 41.8 Additional Information
 - 41.8.1 Steel ballast fitted in forward and starboard voids
 - 41.8.2 Ship Nos. 700 to 705 vertical manhole access to after starboard void
 - 41.8.3 All ships, void FR 40 to 53, vertical manholes port and starboard into fuel tanks No. 1 and 2
 - 41.8.4 Ship Nos. 706 to 711 escape hatch into Cabin 15 from void FR 40 to 53.

42.After Cabin Flats

- 42.1 Hazardous Material – cleaning gear locker under stairs – variety of cleaning products
- 42.2 Rotating Machinery and Noise – nil
- 42.3 Electrical
 - 42.3.1 600 VAC to 450 VAC transformer starboard
 - 42.3.2 120 VAC outlets and lighting
- 42.4 Confined Space – nil
- 42.5 Environment – nil
- 42.6 Working Aloft – nil

43.Gyro Compartment

- 43.1 Hazardous Material – nil
- 43.2 Rotating Machinery and Noise – gyro compass
- 43.3 Electrical
 - 43.3.1 120 VAC for outlet and lighting
 - 43.3.2 24 VDC main supply and UPS / battery for gyro
- 43.4 Confined Space – nil
- 43.5 Environment – nil
- 43.6 Working Aloft – nil

44.Main Switchboard

- 44.1 Hazardous Material
 - 44.1.1 Electrical contact cleaner
 - 44.1.2 Four CO2 fire extinguishers. Three near compartment ladder are fitted with specialized nozzles to extinguish fires inside switchboard cabinets. One fitted in starboard forward corner for general use.
- 44.2 Rotating Machinery and Noise – two blast heaters (440 VAC)
- 44.3 Electrical
 - 44.3.1 Various voltages and currents in switchboards and motor control centres
 - 44.3.2 Batteries in uninterruptible power supply for Power Generation Supervisor Control System
 - 44.3.3 Arc Flash labels on each cabinet
- 44.4 Confined Space – nil
- 44.5 Environment – nil
- 44.6 Working Aloft – nil
- 44.7 Other Hazards – Vertical ladder from MCR can be awkward, especially when bringing tools or parts below. Take a firm grip on the grab bar and ladder rungs.
- 44.8 Additional Information
 - 44.8.1 Two access manholes to No. 4 Fuel Tank below
 - 44.8.2 Escape hatch starboard into Ship Office above.
 - 44.8.3 Emergency / secondary steering located starboard forward

45.Forward Machinery Room

- 45.1 Hazardous Material

- 45.1.1 Naval distillate (diesel) fuel in diesel oil service tank (stbd fwd), engines and piping
- 45.1.2 Coolant (Nalfleet 9-111 propulsion D/As and ESSO HD antifreeze auxiliary D/A).
- 45.1.3 Lubricating oil in storage tank (stbd fwd), engines and piping
- 45.1.4 Coolant, cleaning and lubricating products are stored in various sized containers and locations throughout
- 45.1.5 CO2 and Dry Chemical emergency fire extinguishers
- 45.1.6 AFFF 20L canisters
- 45.2 Rotating Machinery and Noise – all machinery are fitted with guards
 - 45.2.1 Nos. 1 (port) and 2 (stbd) propulsion diesel alternators (600 VAC)
 - 45.2.2 Ship service diesel alternator (450 VAC) – port
 - 45.2.3 Air compressor No. 1 under ladder (port aft)
 - 45.2.4 General service pump (midships aft)
 - 45.2.5 Three blast heaters
 - 45.2.6 Fuel oil transfer, boost and purifier pumps
 - 45.2.7 Lube oil transfer pump
 - 45.2.8 Drill press and grinder on workbench
 - 45.2.9 Oily water separator pump
- 45.3 Electrical
 - 45.3.1 Voltages ranging from 12 VDC to 600 VAC
 - 45.3.2 Numerous high voltage panels
 - 45.3.3 Lead acid battery for auxiliary D/A starting
- 45.4 Confined Space – air quality in constricted locations in lower bilge wells could be questionable. Test air quality and treat as confined space accordingly.
- 45.5 Environment – exhaust leaks from the three engines can cause the atmosphere to become noxious
- 45.6 Working Aloft – nil
- 45.7 Other Hazards
 - 45.7.1 High pressure air bottles and piping
 - 45.7.2 Various items are stored in the starboard funnel. Possibly hazardous material but varies from ship to ship
 - 45.7.3 Compartment fitted with AFFF system (10 spray nozzles in bilge), pull station located in lobby above.
 - 45.7.4 Deck plates can become very slippery with oil and water
- 45.8 Additional Information
 - 45.8.1 Diesel Oil Service Tank – access via a vertical manhole
 - 45.8.2 Emergency escape via starboard funnel and vertical escape hatch onto Sweepdeck.
 - 45.8.3 Two horizontal manholes for access to No. 4 Fuel Oil Tank
 - 45.8.4 One horizontal manhole each for access to Dirty Oil Tank and Oily Water Tank.
 - 45.8.5 Horizontal manhole for access to No. 3 Ballast Tank port.
 - 45.8.6 Vertical manhole for access to No. 3 Ballast Tank starboard

46. After Machinery Room

- 46.1 Hazardous Material

- 46.1.1 Naval distillate (diesel) fuel in diesel oil service tank (port aft), engines and piping
- 46.1.2 Coolant Nalfleet 9-111 in propulsion D/As
- 46.1.3 Lubricating oil in engines and piping
- 46.1.4 Coolant, cleaning and lubricating products are stored in various sized containers and locations throughout
- 46.1.5 CO2 and Dry Chemical emergency fire extinguishers
- 46.1.6 AFFF 20L canisters
- 46.2 Rotating Machinery and Noise
 - 46.2.1 Nos. 3 (port) and 4 (stbd) propulsion diesel alternators (600 VAC)
 - 46.2.2 Ship service motor driven alternator (450 VAC) – starboard
 - 46.2.3 Reverse osmosis desalinators – port forward
 - 46.2.4 Air compressor No. 2 under ladder (port)
 - 46.2.5 Three blast heaters
- 46.3 Electrical
 - 46.3.1 Voltages ranging from 12 VDC to 600 VAC
 - 46.3.2 Numerous high voltage panels
- 46.4 Confined Space – air quality in constricted locations in lower bilge wells could be questionable. Test air quality and treat as confined space accordingly.
- 46.5 Environment – exhaust leaks from the two engines can cause the atmosphere to become noxious
- 46.6 Working Aloft – nil
- 46.7 Other Hazards
 - 46.7.1 High pressure air bottles and piping
 - 46.7.2 Compartment fitted with AFFF system (10 spray nozzles in bilge), pull station located in lobby above.
 - 46.7.3 Deck plates can become very slippery with oil and water
- 46.8 Additional Information
 - 46.8.1 Diesel Oil Service Tank (port aft) – access via a vertical manhole
 - 46.8.2 Emergency escape via starboard funnel and vertical escape hatch onto Sweepdeck.
 - 46.8.3 Two horizontal manholes for access to No. 5 Fuel Oil Tank

47.Motor Room

- 47.1 Hazardous Material
 - 47.1.1 Cleaning and lubricating products and hydraulic fluid (20L pails) stored
 - 47.1.2 AFFF tank (forward bulkhead) for FMR and AMR bilge spray.
 - 47.1.3 Fitted 18 kg CO2 fire suppression system for main propulsion motors. Pull station is Motor Room lobby above.
 - 47.1.4 Portable CO2 fire extinguisher
- 47.2 Rotating Machinery and Noise
 - 47.2.1 Port and stbd main propulsion motors – high pitched whine when operating at high powers. Ear defenders recommended
 - 47.2.2 Thyristor drive and cooling pumps (port and stbd forward)
 - 47.2.3 Two blast heaters
 - 47.2.4 Main shafts from main motors aft into Z-Drive Compartment. Main shaft brakes are guarded with a steel and clear plexi-glass cover

- 47.3 Electrical
 - 47.3.1 Voltages ranging from 120 VAC to 600 VAC
 - 47.3.2 Numerous high voltage panels
 - 47.3.3 600 VAC for after capstan hydraulic power pack
- 47.4 Confined Space – air quality in constricted locations in lower bilge wells could be questionable. Test air quality and treat as confined space accordingly.
- 47.5 Environment – nil
- 47.6 Working Aloft – nil
- 47.7 Other Hazards
 - 47.7.1 Decks are slippery with oil and water.
 - 47.7.2 Compartment has a low deckhead – bump hazard
 - 47.7.3 Ship staff stow a variety of parts and material outboard of the main motors. Can become packed and constricted – trip hazard
- 47.8 Additional Information
 - 47.8.1 Two horizontal manholes for access to No. 6 fuel oil tank
 - 47.8.2 Access into space is via high coaming hatches – port forward and starboard aft (via Sweepdeck). Trip hazards

48.Z Drive Compartment

- 48.1 Hazardous Material
 - 48.1.1 Lubricating oil in azimuth thruster gearboxes, piping and tanks
 - 48.1.2 Hydraulic fluid in azimuthing thruster power pack, piping and tanks
 - 48.1.3 Hydraulic fluid and lubricating oil in 20L pails stored in bilges or rope bin.
- 48.2 Rotating Machinery and Noise
 - 48.2.1 Drive shafts from main motor into azimuth thruster gearboxes. Shaft guards fitted.
 - 48.2.2 Hydraulic pumps (main and standby) fitted on tanks (pumps internal).
 - 48.2.3 Two blast heaters
- 48.3 Electrical
 - 48.3.1 450 VAC to various pumps
 - 48.3.2 120 VAC to outlets and lighting
- 48.4 Confined Space – bilges are mustow and do not constitute confined space
- 48.5 Environment – nil
- 48.6 Working Aloft – nil
- 48.7 Other Hazards
 - 48.7.1 Decks are slippery with oil and water.
 - 48.7.2 Compartment has a low deckhead – bump hazard
- 48.8 Additional Information
 - 48.8.1 Access into space is via a high coaming hatch aft Sweepdeck. Trip hazard. At sea waves often break over Sweepdeck – slip hazard.
 - 48.8.2 Access into port and starboard No. 4 Ballast tanks via vertical manholes.

49.Fuel Tanks

- 49.1 Fuel Tanks are:
 - 49.1.1 No. 1 – midships, Fr 40 to 46, access via vertical manholes through port and starboard voids

- 49.1.2 No. 2 – midships, Fr 46 to 53, access via vertical manholes through port and starboard voids
- 49.1.3 No. 3 – midships, Fr 53 to 62, access via vertical manholes through port and starboard voids
- 49.1.4 No. 4 – midships, Fr 64 to 71, access via horizontal manholes between main engines in Forward Machinery Room
- 49.1.5 No. 5 – midships, Fr 77 to 82, access via horizontal manholes between main engines in After Machinery Room
- 49.1.6 No 6 – midships, Fr 85 to 93, access via horizontal manholes between main motors in Motor Room.
- 49.2 Rotating Machinery and Noise – nil
- 49.3 Electrical – nil
- 49.4 Confined Space – yes, implement complete confined space protocol
- 49.5 Environment – nil
- 49.6 Working Aloft – nil

50.Oily Water and Dirty Oil Tanks

- 50.1 Oily Water Tank is starboard, midships, Fr 62 to 64
- 50.2 Dirty Oil Tanks is port midships, Fr 62 to 64
- 50.3 Hazardous Material
 - 50.3.1 Both tanks are typically filled with oily water, often from the bilges and oil changes from the main engines.
 - 50.3.2 They are emptied via pumper truck.
- 50.4 Rotating Machinery and Noise – nil
- 50.5 Electrical – nil
- 50.6 Confined Space – yes, implement complete confined space protocol
- 50.7 Environment – nil
- 50.8 Working Aloft – nil

51.Sea Water Ballast Tanks

- 51.1 SW ballast tanks are:
 - 51.1.1 Forepeak / No. 1 – Fr 0 to 6
 - 51.1.2 No. 2 – Fr 6 to 12. Used to store grey water
 - 51.1.3 No. 3 Starboard – Fr 65 to 68
 - 51.1.4 No. 3 Port – Fr 65 to 68
 - 51.1.5 No. 4 Starboard – Fr 102 to 104
 - 51.1.6 No 4. Port – Fr 102 to 104
- 51.2 Hazardous Material – grey water in #2 SW Ballast Tank
- 51.3 Rotating Machinery and Noise - nil
- 51.4 Electrical – nil
- 51.5 Confined Space – yes, implement complete confined space protocol
- 51.6 Environment – nil
- 51.7 Working Aloft – nil

52.Fresh Water Tanks

- 52.1 Fresh water tanks are:

52.1.1 Starboard – Fr 26 to 29

52.1.2 Port – Fr 26 to 29

52.2 Rotating Machinery and Noise – nil

52.3 Electrical – nil

52.4 Confined Space – yes, implement complete confined space protocol

52.5 Environment – nil

52.6 Working Aloft – nil

Annex B1 – Risk Folio (HAZMAT)

1. Hazardous Material Listing

1.1 The following table represents the “hazardous material” found on an East Coast KINGSTON Class vessel as of March 2019. The survey was performed on GLACE BAY which is fully operational and stored for a lengthy deployment; hence the considerable quantities of cleaning products, lubricants and disinfectant. Some may have been landed or moved in the intervening period.

1.2 The container sizes are estimates. Tanks are assumed full.

2. The following table is a snapshot as of May 2019 and can change depending upon the operational needs of the RCN.

Compartment	Product	Quantity	Use
Bridge Top and Mast	General grease	On equipment	Lubricate equipment
Bridge	Cleaner	750 ml x 2	Cleaning compartment
	Metal Polish	140 ml tin	Shine metal objects
Cabins (16 in #)	Nil		
Heads, Washplaces (5 in #)	Cleaner	750 ml x 3	Toilet cleaning
Messes (3 in #)	Cleaner	750 ml x 1	Cleaning counter and table
Operations Room	Glass cleaner	350 ml spray bottle x 2	Wiping screens
	Cleaner	750 ml x 1	Cleaning work stations and equipment
Electronics Workshop	Contact cleaner	150 g x 6	Clean electric / electronic components
	Penetrant	220 ml aerosol x 2	Lubricant, penetrant
	Cleaner	750 ml container x 1	Clean fixtures, walls, deck
	Cleaner	350 ml spray bottle x 1	Clean glass
Communications Control and Equipment Rms (CCR/CER)	Cleaner	350 ml spray bottle x 2	Clean screens
	Cleaner	750 ml x 1	Cleaning work stations and equipment
Fan Room	Fire retardant	20 L pail x 4	Spare for fire hydrant stations
	Hydraulic Fluid	20 L pail x 2	Spare for hydraulic systems
	Dust filters	1 sq m x 3	Dust and dirt on filters
Boat Deck	Gasoline	20L containers x 8	Aft of port funnel
	Gasoline	12 L tank	SCBA emergency compressor
Port and Stbd Breezeways	Nil		
Foc'sle / Gun Deck	Ammunition	Unknown	50 Cal guns (if fitted)
	Hydraulic fluid	24 L sump	Power anchor windlass
Rope Stores	Rust Remover	950 ml aerosol x 12	Clean corroded steel
	Cleaner	2 L jugs x 3	Clean decks, bulkheads, upper deck equipment, remove salt deposits
	Spray lubricant	300 g x 5	Lubricate upper deck gear
Refrigeration Spaces	Refrigerant	In piping	Working medium for cooling spaces
Canteen	Nil		

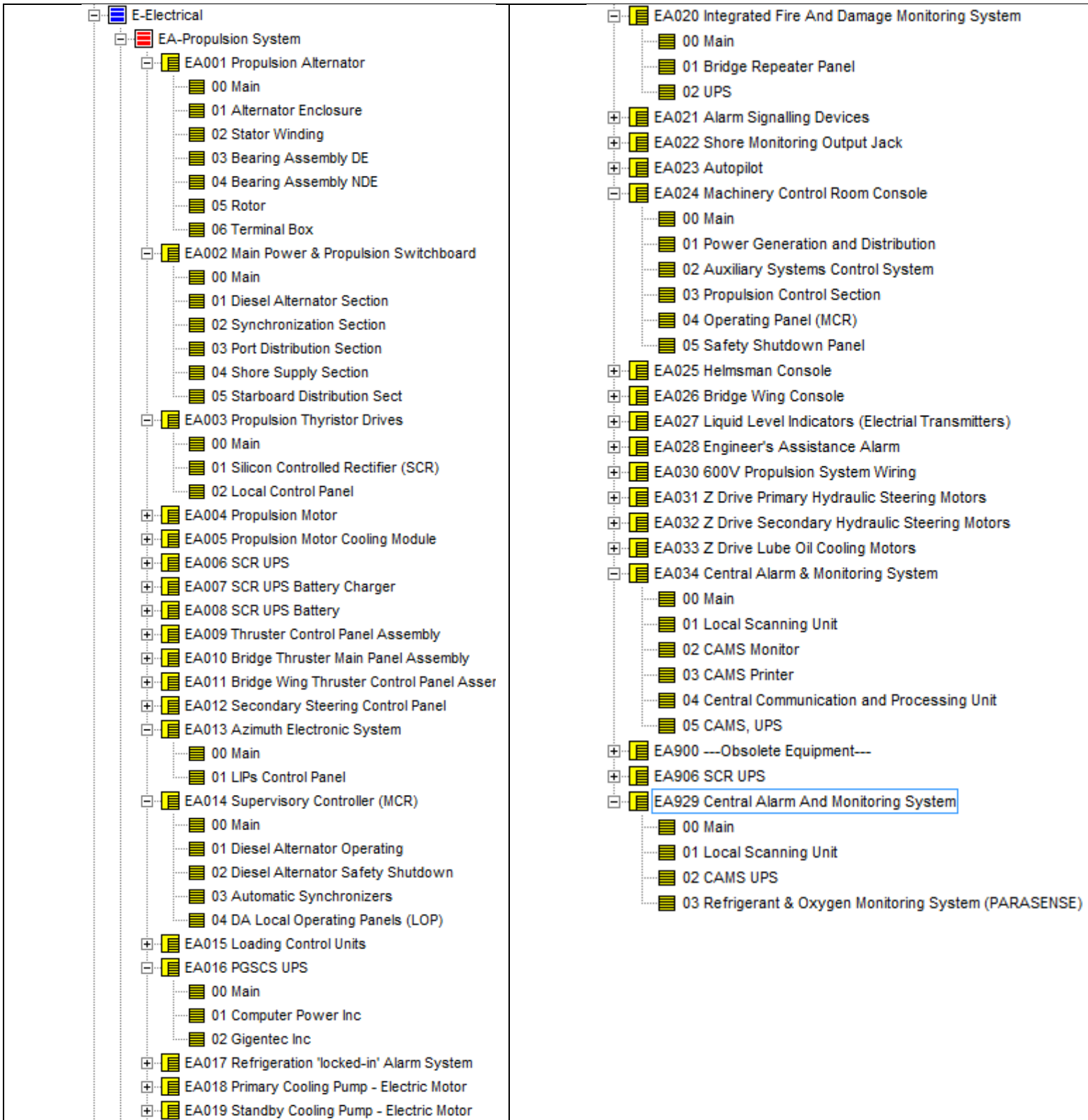
Galley	Dishwashing liquid	850 ml container x 3	Hand dish wash
	Dishwasher detergent / rinse	4 L jugs x 1	Ship's dishwasher
	Refrigerant		Stand-up fridge
	Cleaner	750 ml container x 2	General cleaning
MCR Flats	Fire extinguisher	15 lb bottle	Dry chemical
Ship's Office	Cleaner	750 ml container	Clean filing cabinets, shelves, desks
Wet Gear Stores / Sea Heads	Refrigerant	In ice machine	Working medium for ice machine
Machinery Control Room	Fire extinguisher	15 lb bottle	Dry chemical
	Cleaner	750 ml container	Clean filing cabinets, shelves, desks
Emergency Generator Compartment	Diesel fuel	30 L piping, pumps, filters	Naval distillate to power emergency generator
	Coolant	50 L piping, tank	Cooling fluid for emergency generator
	Lubricating oil	35 L sump, piping, filters	Lubrication for emergency generator
Forward, After Machinery and Motor Room Lobbies	Fire retardant	20 L pails x 2	AFFF stowed near hose station
Sweepdeck	Hydraulic fluid	24 L tank, piping, cylinders	Mechanical Minesweeping Crane on port or starboard quarters
	Diesel fuel	1,800 L tank	Emergency diesel fuel tank in
	Hydraulic fluids	100 L	Various payloads – bottom object inspection vehicle, launch and recovery systems
	Propane	9 Kg tank	Barbecue usually stowed on Sweepdeck. Extra tanks also on deck
	Cleaner	750 ml container	Cleaning accommodation container
Garbage Room	Garbage	Various	Could be a biohazard if not cleaned regularly
Diving Gear Stores	Nil		
Sweepdeck Workshop	Sealant	200 ml can x 2	Sealant
	Cleaner	2 L jugs x 3	Clean decks, bulkheads, upper deck equipment, remove salt deposits
	Grease	1 L x 2	Lubricate upper deck equipment
	Penetrant	330 ml aerosol x 4	Lubricant, penetrant
General Stores	Dish cleaner	825 ml x 5	Hand dish washing
	Steel cleaner	20 L x 1	Rust remover
	Dish rinse	4L x 3	Dishwasher rinse
	Rust remover	25 L x 1	Ferro Bet Rust Away
	Cleaner	700 ml x 30	Vim X, polish / shine, anti-bacterial
	Hand soap	1.5 L x 12	Liquid hand soap
	Floor finish	20 L x 1	Swish Polylock floor coating
	Wax stripper	4 L x 3	Strop floors of wax and grime
	Lubricant	4 L x 1	Small arms lubricant
	Hand cleaner	2 L x 10	Gojo, grease and heavy dirt cleaner
	Hand cleaner	4 L x 6	Fast orange, grease and heavy dirt cleaner
	Laundry soap	16 pods x 20	OMO, clothes detergent
	Laundry soap	5 L x 8	Lano, clothes detergent

	Laundry soap	2 kg pods x 5	Tide, clothes detergent
	Toilet soap	750 ml x 15	Ecoforce, strong cleaner
	Stainless steel cleaner	500 ml x 10	Bebbington, Ecolab products
	Air freshener	400 ml aerosol cans x 10	Glade
	Disinfectant	1.2 L x 8	Mister Clean, cleaner
	Cleaner wipes	110 sheets x 8	Clorox, Lysol disinfectant
Forward Auxiliary Machinery Room	Refrigerant		Main refrigeration compressors – upper and lower
	Gear Oil	6 L x 2	Refrigeration compressor lubrication
	Filters	Cartridges x 2	Fitted in Brominator potable water disinfectant
Bow Thruster Compartment	Filters	Cartridges x 20	Spare bromine filters for Brominator system
	Grease	500 ml	On Hull and Fire Pump moving parts
Dry Stores	Nil		Variety of food stuffs
Beer and Pop Stores	Spirits	½ to 2 L cans / bottles x 1,1000	Beer, wine and liquor in locked compartment
Degaussing Room	Grey water	20 L tank	Volume tank pre grey water treatment system
Linen Locker	Nil		
Sewage Treatment Compartment	Grey Water	1,000 L tank	Storage tanks
	Black Water	700 L tanks x 2	Media tanks
	Disinfectant	10 Kg pail x 2	Chlorine pucks to disinfect, treat effluent
	Noxious fumes		Variety of sewage and chlorine smells
Void Spaces	Nil		
After Cabin Flats	Nil		
Gyro Compartment	Nil		
Main Switchboard	Nil		
Forward Machinery Room	Fuel	50L – piping, engines, filters, coalescers	Naval distillate for Wartsila main diesel alternator, Scania auxiliary diesel alternator
	Coolant	100 L x 2, 25 L x 1 tank, piping	Main diesel alternator , auxiliary diesel alternator
	Lube oil	100 L x 2, 50 L x 1 sump, piping	Main diesel alternator , auxiliary diesel alternator
	Cement	5 kg x 3	Wicks Rapid Setting for
	Cleaner	20 L x 1	Green Knight, bilge cleaner
	Degreaser	330 gm aerosol can	Remove grease, grime. Clean parts
	Lubricant	1 L x 3	SAE 30 oil
	Grease	300 Kg tubes x 3	Grease gun
	Fire retardant		
	After Machinery Room	Fuel	50L – piping, engines, filters, coalescers
Coolant		100 L x 2 tank, piping	Main diesel alternator

	Lube oil	100 L x 2 sump, piping	Main diesel alternator
	Degreaser	20 L x 2	Remove grease, grime. Clean parts
Motor Room	Grease	300 g tubes x 16	Grease gun
Z-Drive Compartment	Hydraulic fluid	200 L x 2 tank and system	Z-Drive steering
	Lubricating oil	1,000 L x 2 header tank and system	Z-drive propulsion
	Hydraulic fluid	20 L pails x 4	Spare Z-drive steering
	Lubricating oil	20 L pails x 12	Spare for Z-drive propulsion system
Fuel Tanks	Diesel Fuel	#1 x 31,800 L	Naval distillate for main, auxiliary and emergency DAs
	Diesel Fuel	#2 x 37,800 L	Naval distillate for main, auxiliary and emergency DAs
	Diesel Fuel	#3 x 43,600 L	Naval distillate for main, auxiliary and emergency DAs
	Diesel Fuel	#4 x 22,700 L	Naval distillate for main, auxiliary and emergency DAs
	Diesel Fuel	#5 x 5,700 L	Naval distillate for main, auxiliary and emergency DAs
	Diesel Fuel	#6 x 22,400 L	Naval distillate for main, auxiliary and emergency DAs
Oily Water and Dirty Oil	Oily water	3,500 L	From bilges and oily water treatment
Tanks	Dirty oil	3,500 L	Waste oil from oil changes diesel engines
Sea Water Ballast Tanks	Contaminated sea water	7,600 L	#2 ballast tank is used to store grey water. If sea water is in tanks for extended period, water could be fouled with bacteria.
Fresh Water Tanks	Lead contaminated	2,000 L	There is a risk of potable water supplied from the dockyard system containing lead at concentrations greater than current drinking water guidelines. Procedures are in place to flush system prior to embarking potable water and to test frequently.

Annex C – Equipment Family Tree/Configuration Items

The following table can be found in MIS and is a snapshot as May 2019 and is the Equipment Family Tree and configuration items for the Kingston Class Vessels.



- [-] EB-Lubricating Oil System
 - [+] EB002 Portable Transfer Pump - Electric Motor
 - [+] EB003 Dirty Oil Pump - Electric Motor
 - [+] EB005 Oily Water Separator Control Box Assembly
 - [+] EB006 Oily Water Separator Motor
- [-] EC-Fuel Oil System
 - [+] EC003 Primary Transfer Pump - Electric Motor
 - [+] EC005 F.O. Purifier Feed Pump - Electric Motor
 - [+] EC006 F.O. Purifier - Electric Motor
 - [+] EC007 F.O. Purifier - Control Panel
 - [+] EC009 F.O. Boost Pump - Control Panel
 - [+] EC010 F.O. Boost Pump - Motor
- [-] ED-Compressed Air System
 - [+] ED002 Air Compressor Electric Motor
 - [+] ED003 Air Compressor Motor Control Box
- [-] EE-Fire & Washdeck System
 - [-] EE002 Cathodic Protection
 - 00 Main
 - 01 Sacrificial Anodes
 - 02 Cathelco Antifouling
 - [+] EE003 General Service Pump - Electric Motor
 - [+] EE004 Hull and Fire Pump - Electric Motor
 - [+] EE005 Hull & Fire Pump - Control Panel
- [-] EF-Fresh Water System
 - [+] EF003 Reverse Osmosis Feed Pump - Electric Motor 5hp
 - [+] EF005 Reverse Osmosis Process Pump - Electric Motor
 - [+] EF007 Reverse Osmosis - Control Panel
 - [-] EF010 Bromine Injection System
 - 00 Main
 - 01 CONTROL CENTRE
 - 02 PUMP MOTOR
 - [+] EF011 F.W. Pressure Set Pump - Electric Motor
 - [+] EF012 Calorifier (FW)
 - [+] EF013 F. W. Pressure Set - Control Panel
- [-] EG-Bilge & Ballast System
 - [+] EG002 Bilge Pump Electric Motor
 - [+] EG003 Bilge Pump - Control Panel
- [-] EH-Environmental Pollution Control System
 - [-] EH001 Sewage System Electrics & Cams Interface
 - 00 Main
 - 01 Control Panel
 - [+] EH002 Circ Pump - Electric Motor
 - [+] EH003 Macerator Pump Motor
 - [+] EH004 Effluent Discharge Pump - Electric Motor
 - [+] EH005 Air Blower - Electric Motor
 - [+] EH006 Grey Water Pump - Electric Motor
 - [+] EH007 Hydrogen Sulphide (H2S) Gas Detector System

- [-] EI-Counter Measure System - Underwater
 - [-] EI001 Mark 21 Data Acquisition System (Bathy)
 - 00 Main
 - 01 Mk 21 USB DAQ
 - 02 Hand-Held Bathy Launcher
 - 03 Hand-Held Bathy Launcher Storage Box
 - 04 XBT Test Cannister
 - 05 WIN Mk 21 DAQ Processing Software
 - [-] EI004 MCDV OPS Room System (MORS)
 - 00 Main
 - 01 Software
 - 02 Multi Function Console (MFC) No. 1 (OPS Rm)
 - 03 Multi Function Console (MFC) No. 2 (OPS Rm)
 - 04 Multi Function Console (MFC) No. 3 (OPS Rm)
 - 05 Multi Function Display
 - 06 Video Switching System
 - 07 Computer Rack
 - 08 UPS
 - 09 Multi Funtion Console (MFC) No. 1 (Bridge)
 - 10 Corning Fiber Optic Installation Kit
 - [-] EI005 Broadband Acoustic Tracking System (BATS)
 - 00 Main
 - 01 Trackman - Trackpoint 3 Software
 - 02 Signal Interface Module
 - 03 Hydrophone
 - 04 Vertical Reference Unit
 - 05 Hydrophone Cable
 - [+] EI006 Through-hull Deployment System (tds)
 - [-] EI007 Degaussing System
 - 00 Main
 - 01 Degaussing Control Unit
 - 02 Degaussing Amplifier Cabinet
 - 03 Degaussing Transformer Unit
 - 04 Degaussing Triple Probe
 - 05 Degaussing Probe Connection Box L-A-M
 - 06 Position Indicator (Tilt Measuring System)
 - [+] EI008 Masthead Magnetometer
 - [+] EI900 ---OBSOLETE EQUIPMENT---
 - [+] EI901 Oceanographic System
 - [-] EI904 Mine Warfare Control System
 - 00 Main
 - 01 Ecpins (TACCON) Desk Console
 - 02 Bridge Slave Assembly
 - 03 Data Analysis Console Assem
 - 04 Data Analysis Computer Rack

- [-] EI905 Acoustic Positioning System (APS)
 - [-] 00 Main
 - [-] 01 Command/Display Module
 - [-] 02 Hydrophone
 - [-] 03 Vertical Reference Unit
 - [-] 04 Hydrophone Cable
- [-] EI907 Degaussing System
 - [-] 00 Main
 - [-] 01 Control Unit
 - [-] 02 Power Supply Unit
- [-] EK-Electrical Generating & Distribution Systems
 - [-] EK001 Motor Alternator
 - [-] 00 Main
 - [-] 01 Motor
 - [-] 02 Alternator
 - [-] 03 Base Frame
 - [-] 04 Operating Panel
 - [-] EK002 Auxiliary Alternator
 - [-] 00 Main
 - [-] 01 LOP
 - [-] EK003 Emergency Alternator
 - [-] 00 Main
 - [-] 01 LOP
 - [+] EK004 Shore Supply Connection Box
 - [-] EK005 Ship Service Switchboard
 - [-] 00 Main
 - [-] 01 Motor/Alternator Section
 - [-] 02 Auxiliary Diesel Alternator
 - [-] 03 Shore Supply Section
 - [-] 04 450V Power Distribution
 - [-] 05 230V Power Distribution
 - [-] 06 115V Power Distribution
 - [-] EK006 Emergency Switchboard
 - [-] 00 Main
 - [-] 01 450V Power Distribution
 - [-] 02 115V Power Distribution
 - [-] 03 Emergency Diesel Section
 - [-] 04 Synchronizing Section
 - [-] 05 Emergency Alternator Section
 - [+] EK007 Deck & Auxiliary Power Distribution Panel
 - [+] EK008 Power Distribution Panel 450 Volt
 - [+] EK009 Workshop Distribution Panel
 - [+] EK010 Heating Distribution Panel
 - [+] EK011 Galley Power Distribution Panel
 - [+] EK012 Heating Distribution Panel
 - [+] EK013 Miscellaneous Heating Panel
 - [+] EK014 Normal Lighting Panel
 - [+] EK015 Miscellaneous Pdp

- [+] EK016 CCR Pdp
- [+] EK017 Emergency Miscellaneous Pdp # 1
- [+] EK018 Emergency Lighting Panel
- [+] EK019 OER Pdp
- [+] EK020 Navigation Lighting Panel
- [+] EK021 Bridge Pdp
- [+] EK022 CER Pdp
- [+] EK023 115v Isolated Pdp
- [+] EK024 450/115v Normal Lighting & Misc. Power Transformer
- [+] EK025 450/230v Commissary Power & Heating Transformer
- [+] EK026 450/115v Emergency Lighting & Miscellaneous Transformer
- [+] EK027 Isolated Power 115 V Transformer
- [+] EK028 600/450V Power Transformer
- [+] EK029 Battery - Emergency Diesel Starting
- [+] EK030 Battery Charger - Aux/Emg Batteries
- [+] EK031 Battery - Auxiliary Alternator Starting
- [+] EK032 Final Resource Power Distribution System
- [+] EK033 Final Resource Batteries
- [+] EK034 Battery Charger for Final Resource Batteries
- [+] EK035 Battery Enclosure - Final Resource
- [+] EK036 Distribution Panel - Final Resource
- [-] EK037 Motor Control Center
 - [-] 00 Main
 - [-] 01 450V Equipment
 - [-] 02 600V Equipment
- [+] EK038 Motor Alternator Starter
- [+] EK039 230/115 VAC Electrical Distribution System Wiring
- [+] EK040 600/450 VAC Electrical Distribution System Wiring
- [+] EK041 115V Lighting System Wiring
- [+] EK042 230/115V Galley & Laundry Transformers
- [+] EK043 115/230V CER Transformers
- [+] EK044 240/120V Accommodation Payload Transformer
- [+] EK045 Red Pwr Sys 440/120V Transformers
- [+] EK046 Red Pwr Sys RFVEMI Filter
- [+] EK047 Red Pwr Sys Power Distribution Panel
- [+] EK900 -OBSOLETE EQUIPMENT-
- [-] EQ-Cable Runs and Lighting
 - [+] EQ001 Lighting & Miscellaneous Power
- [-] ER-Navigation & Communications Systems
 - [+] ER001 Clocks
 - [+] ER002 Main Whistle
 - [+] ER003 Auto Whistle Control
 - [+] ER004 Emergency Whistle (Self Powered)
 - [+] ER005 Magnetic Compass
 - [+] ER006 Speed Log System

- ER007 Digital Depth Sounder
 - 00 Main
 - 01 Skipper GDS101 Cabinet
 - 02 Transducer Element (50Khz c/w 25m cable)
 - 03 Skipper IR301 Digital Depth Indicator
 - 04 A4 Printer
- ER008 Metrological System
 - 00 Main
 - 01 Display & Translator
 - 02 Remote Display
 - 03 Barometer
 - 04 Wind Speed/Direction Sensor
 - 05 Temp & Relative Humidity Sensor
- + ER010 Saab GPS
- + ER011 Loran C Navigator
- ER014 Shipboard Integrated Navigation and Display System
 - 00 Main
 - 01 Navigator Console
 - 02 Remote (RTPLAN) Station
 - 03 Laptop Computer with GPS
 - 04 UPS
 - 05 DGPS/Beacon Receiver
 - 06 Remote 17" TFT LCL Display
- + ER015 Clearview Screen
- + ER016 Window Wipers
- + ER017 Portable (Box) Whistle
- + ER018 RT146 VHF Radiotelephone
- ER019 VHF Portable Radio Triton MP+/MPc
 - 00 Main
 - 01 Battery Charger
- + ER020 VHF Radiotelephone RT-2047
- ER021 UHF Radio Communications Subsystem
 - 00 Main
 - 01 Rohde & Schwarz - Transceiver XD 432U5
 - 02 Rohde & Schwarz - UHF Filter FD221
 - 03 Rohde & Schwarz - Antenna CA-1334
 - 04 Rohde & Schwarz - Guard Antenna HK-001
 - 05 Algat - Man Aloft Switch 164J2A22
 - 06 Rohde & Schwarz - Guard Receiver ET-402
 - 07 Rohde & Schwarz - Power Supply IZ-450
 - 08 Bogen - Guard Speaker AS-1
- ER022 VHF Marine Transceiver (IC-M601)
 - 00 Main
 - 01 Remote Microphone Assembly

- ER023 Radio Remote Comms. Control System
 - 00 Main
 - 01 Operator Assembly - CCR
 - 02 Operator Assembly - OPS
 - 03 Operator Assembly - Bridge AFT
 - 04 Operator Assembly - Bridge FWD
 - 05 ADIA - Audio Distribution Interface Assembly
- + ER024 Signalling Searchlight
- + ER025 Portable Hand Signalling Lantern
- ER026 USC-69(V) Comercial Broadband Satellite System (E-51-956-000)
 - 00 Main
 - 01 Multiband Satellite Terminal
 - 02 Stabilized Antenna
 - 03 Antenna Control System
 - 04 Transmit and Receive Equipment
 - 05 Harris X/Ku-Band Auto Tracking 3-Axis Stabilized Maritime Antenna
- ER029 Communication Control & Monitoring Subsystem
 - 00 Main
 - 01 Computer
 - 02 Monitor
 - 03 Power Supply
 - 04 Black Matrix Signal Switch
 - 05 Keyline Relay Unit
- ER030 Message Processing Subsystem
 - 00 Main
 - 01 Printer
 - 02 UPS
 - 03 Modem
 - 04 Demodulator
 - 05 Crypto
 - 06 Crypto
 - 07 Computer
 - 08 Monitor
 - 09 Printer Select Switch
- + ER031 Interdepartmental Maritime Integrated Command Control and Communication
- + ER033 Fire Control Sys
- ER034 Sound Powered Telephone System
 - 00 Main
 - 01 Telephone with Head Set Type 9010
 - 02 Telephone with Head Set Type 9011
 - 03 Telephone Junction Box 25188-01
- ER038 Main Intercom System
 - 00 Main
 - 01 Ship/Machinery Control Network
 - 02 Operations Network
 - 03 Deck/Weapons Network
 - 04 Main Broadcast General Alarm Sytem
 - 05 Deck Group
 - 06 Maintenance Group
 - 07 Accomodation Group

- ER039 Automatic Telephone Subsystem (Mitel SX-50)
- ER040 Broadcast / Entertainment / Alarm System
- ER041 VHF Direction Finder
- ER042 VHF Direction Finder Antenna
- ER043 Binocular Assembly
- ER044 Voice Recorder
- ER045 Loudhailer
- ER047 Inmarsat-B Communications System
 - 00 Main
 - 01 Above Deck Equipments
 - 02 Below Decks Equipments
 - 03 Satrun Bm Mk2 Inmarsat B
- ER048 FBB-500 Sailor Fleet Broadband
 - 00 Main
 - 01 FBB-500 Terminal
 - 02 FBB-500 Antenna
 - 03 FBB-500 Power Supply
 - 04 FBB-500 Terminal Handset
 - 05 Allen Bradley 800T-H31A2 Key Switch
- ER050 HF Radio Comms (Transmit) System. Transmitter
 - 00 Main
 - 01 Harris - Exciter (RF-1310A)
 - 02 Harris - Amplifier (RF-1110A AM-5314A/URT)
 - 03 Harris - Power Supply (RF-1124 PP-5332/URT)
 - 04 Harris - Power Postselector. (RF-1132)
 - 05 Tanake RF Matrix Switch RFS-5201
- ER051 HF Radio Comms (Transmit) System. Antenna Coupler
- ER052 HF Radio Comms (Transmit) System. Antenna
- ER053 HF Radio Comms (Receive) System. Receiver
 - 00 Main
 - 01 Preselector Module
 - 02 ISB Module
 - 03 Remote Preselector
- ER054 HF Radio Comms (Receive) System. LF/MF/HF Preselector
- ER055 HF Radio Comms (Receive) System. LF/MF/HF Multicoupler
- ER056 HF Radio Comms (Receive) System. HF Multicoupler
- ER057 HF Radio Comms (Receive) System. Distress Receiver
- ER058 HF Radio Comms (Receive) System. Weather Facsimile
- ER059 HF Radio Comms (Receive) System. Weather Facsimile #2
- ER060 HF Radio Comms (Receive) System. HF Modems
- ER062 HF Radio Comms (Receive) Systems. Antenna
- ER063 Direct Broadcast Satellite Television System
- ER065 Sweepdeck Video Recording System
- ER066 Helm Log Audio/Video Recording System
- ER067 Machinery Spaces Closed Circuit Television System
- ER068 Hybrid MIS Communications System
 - 00 Main
 - 01 Panasonic IP Phone Switch KX-TDA30
 - 02 Internal PCI USR Modem 5610B Pro

- ER069 Automatic Identification System (AIS)
 - 00 Main
 - 01 Power Supply
 - 02 Transponder
 - 03 VHF Antenna
- ER070 Globalstar Communications Equipment
 - 00 Main
 - 01 Globalstar PBX Compatible Phone
 - 02 Fax Interface
 - 03 Data Kit
 - 04 Remote Antenna
 - 05 Telular PBX Compatible Fixed Wireless Terminal
 - 06 Telular High Gain Antenna
 - 07 Fax Machine
 - 08 PBX CO Expansion Card (Trunk) 4 Ports
 - 09 PBX Expansion Card (Analog Extension Card) 8 Analog Ports
- ER071 X Band Radar (Sperry Marine)
 - 00 Main
 - 01 8 Ft Slotted Waveguide Antenna
 - 02 Antenna Turning Unit
 - 03 25 Kw Transceiver Assembly
- ER072 S Band Radar (Sperry Marine)
 - 00 Main
 - 01 12 Ft Slotted Waveguide Antenna
 - 02 Antenna Turning Unit
 - 03 30 Kw Transceiver Assembly (Bulkhead)
- ER073 Radar Displays & Interface Units (Sperry Marine)
 - 00 Main
 - 01 ARPA Display (X Band)
 - 02 ARPA Display (S Band)
 - 03 ARPA Display (Remote)
 - 04 Interswitch Unit - 2 Way
 - 05 Scanner Control Unit
 - 06 UPS (Qty 3)
- ER074 2010 Olympics Mission Fit Applicable CLASS, BRA, EDM & WHI Only
- ER075 Kingston High Speed Data Connectivity
 - 00 Main
 - 01 Equipment Rack
 - 02 Powerstar UPS

- [-] ER076 NAVIGAT X MK1 Gyrocompass
 - 00 Main
 - 01 Gyrocompass
 - 02 24VDC UPS
 - 03 Switch Over Unit
 - 04 NAVITWIN IV Monitor
 - 05 Multiplexer Magic Plex 8
 - 06 Bearing Repeaters
 - 07 Tape Repeaters
 - 08 Digital Repeater
 - 09 2-Way Change Over Switch
 - 10 Universal Alarm Units
- [-] ER077 Subnet Relay System
 - 00 Main
 - 01 UHF Antenna
 - 02 SNR Controller
 - 03 Modem
 - 04 UHF Transceiver
- [+] ER078 Man Aloft Key Switches
- [+] ER900 ---OBSOLETE EQUIPMENT---
- [+] ER907 Echo Sounder System (replaced by Skipper GD101)
- [-] ER909 Gyro Compass System
 - 00 Main
 - 01 Master Compass
 - 02 * Static Inverter
 - 03 * Alarm Unit
 - 04 UPS
 - 05 Course Transducer
 - 06 * Repeaters
 - 08 Elek Conn Box
 - 09 Operator Unit
- [-] ER910 Magnavox 300 GPS System
 - 00 Main
 - 01 Control & Display Unit
 - 02 GPS Antenna
 - 03 Junction Box
 - 04 Pwb And Mount Assembly
 - 05 * Battery Pack
 - 06 HF Receiver
 - 07 * HF Modem
 - 08 * Switch GPS
 - 09 MBX-3 DGPS Receiver
 - 10 MBX-3 DGPS Receiver
 - 11 Data Distribution Unit
- [-] ER912 X Band Radar (Kelvin Hughes)
 - 00 Main
 - 01 * Transceiver
 - 02 * Antenna

- [-] ER913 S Band Radar + Displays & Interswitch (Kelvin Hughes)
 - 00 Main
 - 01 * Transceiver
 - 02 Antenna
 - 03 * Nucleus 6000 Display
 - 04 * Interswitch Unit
- [-] ER929 CCMS (superseded by new ER029)
 - 00 Main
 - 01 Mittope - Computer Tiger 3
 - 02 Mittope - Colour Monitor 15 Inch
 - 03 North Atlantic - Printer CP-8240
 - 04 Harris - Power Supply 10301-4080-01
 - 05 Harris - Signal Switch Matrix RF-940-01
- [-] ER930 MPS (superseded by new ER030)
 - 00 Main
 - 01 Printer
 - 02 Ups
 - 03 Harris RF-5710 Modems
 - 04 Demodulator
 - 05 Kwr46 Crypto
 - 06 Kg84c Crypto
 - 07 MPS / CCMS Consoles
- [+] ER958 HF Radio Comms (Receive) System. Weather Facsimile
- [-] ER964 Mini-M Satellite Telephone System
 - 00 Main
 - 01 Transceiver
 - 02 Handset
 - 03 Antenna
- [-] ES-Galley & Domestic Services Systems
 - [+] ES001 Range/oven
 - [+] ES002 Double Bake Oven
 - [+] ES003 Deep Fryer
 - [+] ES004 Microwave Oven
 - [+] ES005 Refrigerator/freezer
 - [+] ES006 Potato Peeler
 - [+] ES007 Food Mixer
 - [+] ES008 Dishwasher
 - [+] ES009 Garburator
 - [+] ES010 Meat Slicing Machine
 - [+] ES011 Ship Administrative Computer System (sacs)
 - [+] ES012 Stacked Laundry Washer/dryer
 - [+] ES013 Type Writer
 - [+] ES014 Shreader
 - [+] ES015 Copier
 - [+] ES016 Milk Dispenser
 - [+] ES017 Half-size Electric Convection Oven
 - [+] ES018 Ship SCPM Computer
 - [+] ES019 Ice Machine
 - [+] ES020 Automatic Coffee Brewer
 - [+] ES021 Undercounter Refrigerator

- ES022 Toaster
- ES900 ---OBSOLETE EQUIPMENT---
- ES908 Dishwasher (Superceded by new ES008)
- ET-Air Conditioning & Ventilation Systems
 - ET003 AHU Refrig. Unit - Compressor Motor Lincoln 285T
 - ET004 AHU - Heating Coil
 - ET005 AHU Supply Fan - Motor
 - ET006 AHU - Control Panel
 - ET014 Controls And Instrumentation
 - ET015 Ventilation Blast Heaters
 - ET016 Electric Convection Heaters
 - ET017 EF1 Heads/Washplaces Exhaust Fan (Centrifugal)
 - ET018 EF4 Rope Store Exhaust Fan (Axial)
 - ET019 EF10 Wet Gear Store/Sweep Deck Workshop/Main Switchboard Room Exhaust Fan (Axial)
 - ET020 Fan Controllers: Exhaust EF1/EF3/EF4/EF5/EF6/EF10
 - ET021 SF2 Galley Supply Fan (Axial)
 - ET022 EF2 Galley/Forward Smoke Zone Exhaust Fan (Axial)
 - ET023 Fan Controllers: Supply SF2 Exhaust EF2
 - ET024 SF5/SF6/SF7/SF8 Fwd/Aft Mach Rm Supply Fans & EF7/EF8 Fwd/Aft Mach Rm Exhaust Fans (Axial)
 - ET025 SF9/EF9 Motor Room/ Z Drive Compartment Supply/Exhaust Fans (Axial)
 - ET026 EF3 Fan Room/Aft Smoke Zone Exhaust Fan (Axial)
 - ET027 EF5 Sewage Treatment Room Exhaust Fan (Axial)
 - ET028 EF6 Emergency Gen Comp't Exhaust Fan (Axial)
 - ET029 EF11 Fwd Amr/Bow Thruster Comp't Exhaust Fan (Axial)
 - ET030 Fan Controllers: Sup: SF5/SF6/SF7/ SF8/SF9; and Exh: EF7/EF8/EF8/EF9/EF11.
 - ET031 EF12/EF13 FMR/AMR Harbour Exhaust Fans
 - ET032 Fan Controllers: Exhaust EF12/EF13
 - ET033 EF14 Stbd Void Space Exhaust Fan
 - ET034 Fan Controllers: Exhaust EF14
- EU-Damage Control, Emergency & Safety Systems
 - EU009 Portable Electrical Submersible Pump
 - EU010 Safety Appliances
 - 00 Main
 - 01 Evolution 4000 Thermal Imaging Camera
 - 02 Beacon, Radio Emergency Position Indicating (EPIRB1)
 - 03 Beacon, Radio Emergency Position Indicating (EPIRB 2)
 - 04 Transponder, Portable Search and Rescue (SART)
 - EU014 Man Overboard Alarm System
 - EU015 Refrigerant & Oxygen Monitoring System (Parasense)
 - 00 Main
 - 01 8 Channel Leak Detector
 - 02 Oxygen Monitoring System
 - 03 Remote Annunicator (RAM)

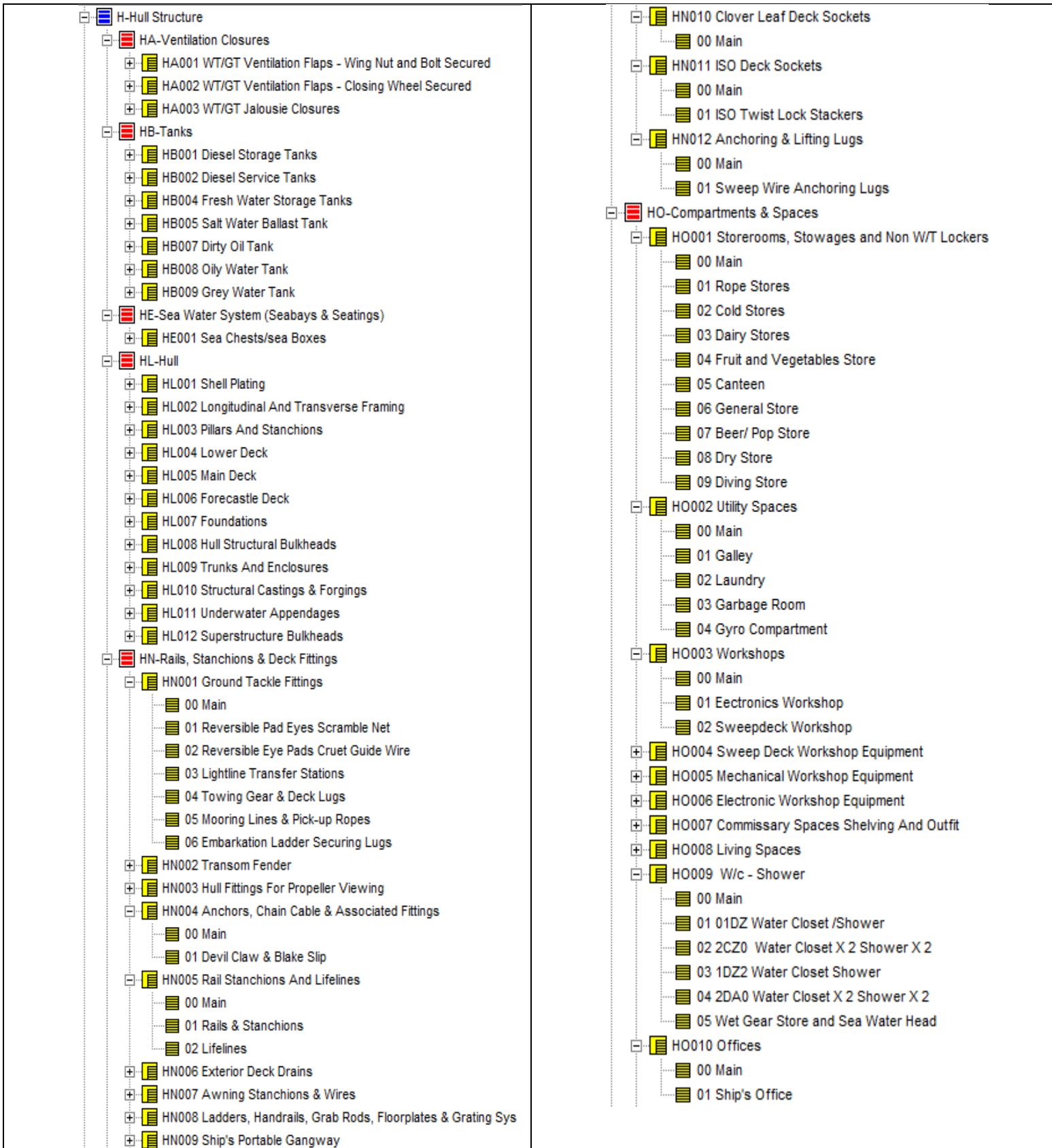
- [-] EV-Hull & Deck Machinery Systems
 - [-] EV001 General Purpose Crane - Electrical Components
 - 00 Main
 - 01 Electric Motor
 - 02 Motor Controller & Wiring (Siemens)
 - 03 Remote Motor Controller
 - 04 Oil Tank Heater
 - 05 Circuit Breaker/Disconnect Switch
 - 06 Power Supply
 - [+] EV002 General Purpose Crane - Starter
 - [+] EV003 Capstan Hydraulic - Motor Starter
 - [+] EV004 Capstan Hydraulic Power Pack Electric Motor
 - [+] EV010 Anchor Windlass - Electric Motor
 - [+] EV012 Anchor Windlass - Oil Heater
 - [+] EV013 Anchor Windlass - Motor Starter
 - [+] EV014 Anchor Windlass - Deck Controls
- [-] EW-Refrigeration (Provisions) System
 - [+] EW002 Provision Refrigeration Compressor - Electric Motor
 - [+] EW003 Provision Refrigeration Plant - Control Panel
 - [+] EW006 Evaporator Fan Motor Assembly
 - [+] EW007 Evaporator Control Panel

Hull

<ul style="list-style-type: none"> [-] H-Hull Structure <ul style="list-style-type: none"> [-] HA-Ventilation Closures <ul style="list-style-type: none"> [+] HA001 WT/GT Ventilation Flaps - Wing Nut and Bolt Secured [+] HA002 WT/GT Ventilation Flaps - Closing Wheel Secured [+] HA003 WT/GT Jalousie Closures [-] HB-Tanks <ul style="list-style-type: none"> [+] HB001 Diesel Storage Tanks [+] HB002 Diesel Service Tanks [+] HB004 Fresh Water Storage Tanks [+] HB005 Salt Water Ballast Tank [+] HB007 Dirty Oil Tank [+] HB008 Oily Water Tank [+] HB009 Grey Water Tank [-] HE-Sea Water System (Seabays & Seatings) <ul style="list-style-type: none"> [+] HE001 Sea Chests/sea Boxes [-] HL-Hull <ul style="list-style-type: none"> [+] HL001 Shell Plating [+] HL002 Longitudinal And Transverse Framing [+] HL003 Pillars And Stanchions [+] HL004 Lower Deck [+] HL005 Main Deck [+] HL006 Forecastle Deck [+] HL007 Foundations [+] HL008 Hull Structural Bulkheads [+] HL009 Trunks And Enclosures [+] HL010 Structural Castings & Forgings [+] HL011 Underwater Appendages [+] HL012 Superstructure Bulkheads [-] HN-Rails, Stanchions & Deck Fittings <ul style="list-style-type: none"> [-] HN001 Ground Tackle Fittings <ul style="list-style-type: none"> [+] 00 Main [+] 01 Reversible Pad Eyes Scramble Net [+] 02 Reversible Eye Pads Cruet Guide Wire [+] 03 Lightline Transfer Stations [+] 04 Towing Gear & Deck Lugs [+] 05 Mooring Lines & Pick-up Ropes [+] 06 Embarkation Ladder Securing Lugs [+] HN002 Transom Fender [+] HN003 Hull Fittings For Propeller Viewing [-] HN004 Anchors, Chain Cable & Associated Fittings <ul style="list-style-type: none"> [+] 00 Main [+] 01 Devil Claw & Blake Slip [-] HN005 Rail Stanchions And Lifelines <ul style="list-style-type: none"> [+] 00 Main [+] 01 Rails & Stanchions [+] 02 Lifelines [+] HN006 Exterior Deck Drains [+] HN007 Awning Stanchions & Wires [+] HN008 Ladders, Handrails, Grab Rods, Floorplates & Grating Sys [+] HN009 Ship's Portable Gangway 	<ul style="list-style-type: none"> [-] HN010 Clover Leaf Deck Sockets <ul style="list-style-type: none"> [+] 00 Main [-] HN011 ISO Deck Sockets <ul style="list-style-type: none"> [+] 00 Main [+] 01 ISO Twist Lock Stackers [-] HN012 Anchoring & Lifting Lugs <ul style="list-style-type: none"> [+] 00 Main [+] 01 Sweep Wire Anchoring Lugs [-] HO-Compartments & Spaces <ul style="list-style-type: none"> [-] HO001 Storerooms, Stowages and Non W/T Lockers <ul style="list-style-type: none"> [+] 00 Main [+] 01 Rope Stores [+] 02 Cold Stores [+] 03 Dairy Stores [+] 04 Fruit and Vegetables Store [+] 05 Canteen [+] 06 General Store [+] 07 Beer/ Pop Store [+] 08 Dry Store [+] 09 Diving Store [-] HO002 Utility Spaces <ul style="list-style-type: none"> [+] 00 Main [+] 01 Galley [+] 02 Laundry [+] 03 Garbage Room [+] 04 Gyro Compartment [-] HO003 Workshops <ul style="list-style-type: none"> [+] 00 Main [+] 01 Electronics Workshop [+] 02 Sweepdeck Workshop [+] HO004 Sweep Deck Workshop Equipment [+] HO005 Mechanical Workshop Equipment [+] HO006 Electronic Workshop Equipment [+] HO007 Commissary Spaces Shelving And Outfit [+] HO008 Living Spaces [-] HO009 W/c - Shower <ul style="list-style-type: none"> [+] 00 Main [+] 01 01DZ Water Closet /Shower [+] 02 2CZ0 Water Closet X 2 Shower X 2 [+] 03 1DZ2 Water Closet Shower [+] 04 2DA0 Water Closet X 2 Shower X 2 [+] 05 Wet Gear Store and Sea Water Head [-] HO010 Offices <ul style="list-style-type: none"> [+] 00 Main [+] 01 Ship's Office
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- [-] HO011 Control Rooms
 - [+] 00 Main
 - [+] 01 OPS Room
 - [+] 02 CER
 - [+] 03 CCR
 - [+] 04 MCR/ HQ1
- [-] HO012 Machinery Spaces
 - [+] 00 Main
 - [+] 01 Fan Room -A/C Refrigeration Room
 - [+] 02 Forward Auxiliary Machinery Room (FAMR)
 - [+] 03 Bowthruster Compartment
 - [+] 04 Degaussing Room
 - [+] 05 Sewage Treatment Room
 - [+] 06 Main Switchboard Room
 - [+] 07 Emergency Generator Compartment
 - [+] 08 Forward Machinery Room (FMR)
 - [+] 09 Aft Machinery Room (AMR)
 - [+] 10 Motor Room
 - [+] 11 Z-Drive Compartment
- [-] HO013 Bridge
 - [+] 00 Main
 - [+] 01 Pilotage Deck
 - [+] 02 Bridge Deck
- [+] HO014 Medical Spaces
- [+] HO015 Void Spaces
- [-] HO016 Watertight Lockers
 - [+] 00 Main
 - [+] 01 Ammunition Lockers
- [+] HO017 Main Magazine
- [+] HO018 Cable Locker
- [-] HP-Watertight & Gastight Doors & Hatches
 - [+] HP001 Watertight Doors - Quick Acting
 - [+] HP002 Weathertight Doors
 - [+] HP003 Spraytight Doors
 - [+] HP004 Bridge Doors
 - [+] HP005 Quick Acting Hatches
 - [+] HP006 Escape Scuttles
 - [+] HP007 Dogged Hatches
 - [+] HP008 Manhole Flush Type
 - [+] HP009 Manhole Plate Type
 - [+] HP010 Fixed Window
 - [+] HP011 Fixed/Heated Window
 - [+] HP012 Watertight Vertical Sliding Window
- [-] HQ-Mast
 - [-] HQ001 Mast
 - [+] 00 Main
 - [+] 01 Mast Exterior
 - [+] 02 Fall Arrest System

- [-] HS-Hotel & Domestic Services (Seatings)
 - [+] HS001 Counter And Storage Units
- [-] HU-Stowages
 - [+] HU001 First Aid Kits And Stowage
 - [-] HU002 Damage Control Equipment Stowage
 - [+] 00 Main
 - [+] 01 Shoring Rack
 - [-] HU003 General Stowage
 - [+] 00 Main
 - [+] 01 ISSC Stowage Cabinet
 - [+] 02 Filing Cabinets
 - [+] 03 Cleaning Gear Locker
 - [+] 04 Gas Rack
- [-] HX-Deck Coverings
 - [+] HX001 Deck Coverings
- [-] HY-Miscellaneous/Survey Certificates
 - [-] HY001 Painting, Preservation & Marking
 - [+] 00 Main
 - [+] 01 Exterior Doors and Hatches - Fluidized Bed Coating
 - [+] 02 Upper Deck Louvers & Covers - Fluidized Bed Coating
 - [+] HY002 Insulation And Coverings
 - [-] HY003 LRS Surveys to Class
 - [+] 00 Main
 - [+] 01 Electrical
 - [+] 02 Hull
 - [+] 03 Mechanical
 - [+] 04 Combat Systems
 - [+] HY004 Yellow Jacket (Deck) Cable Protectors



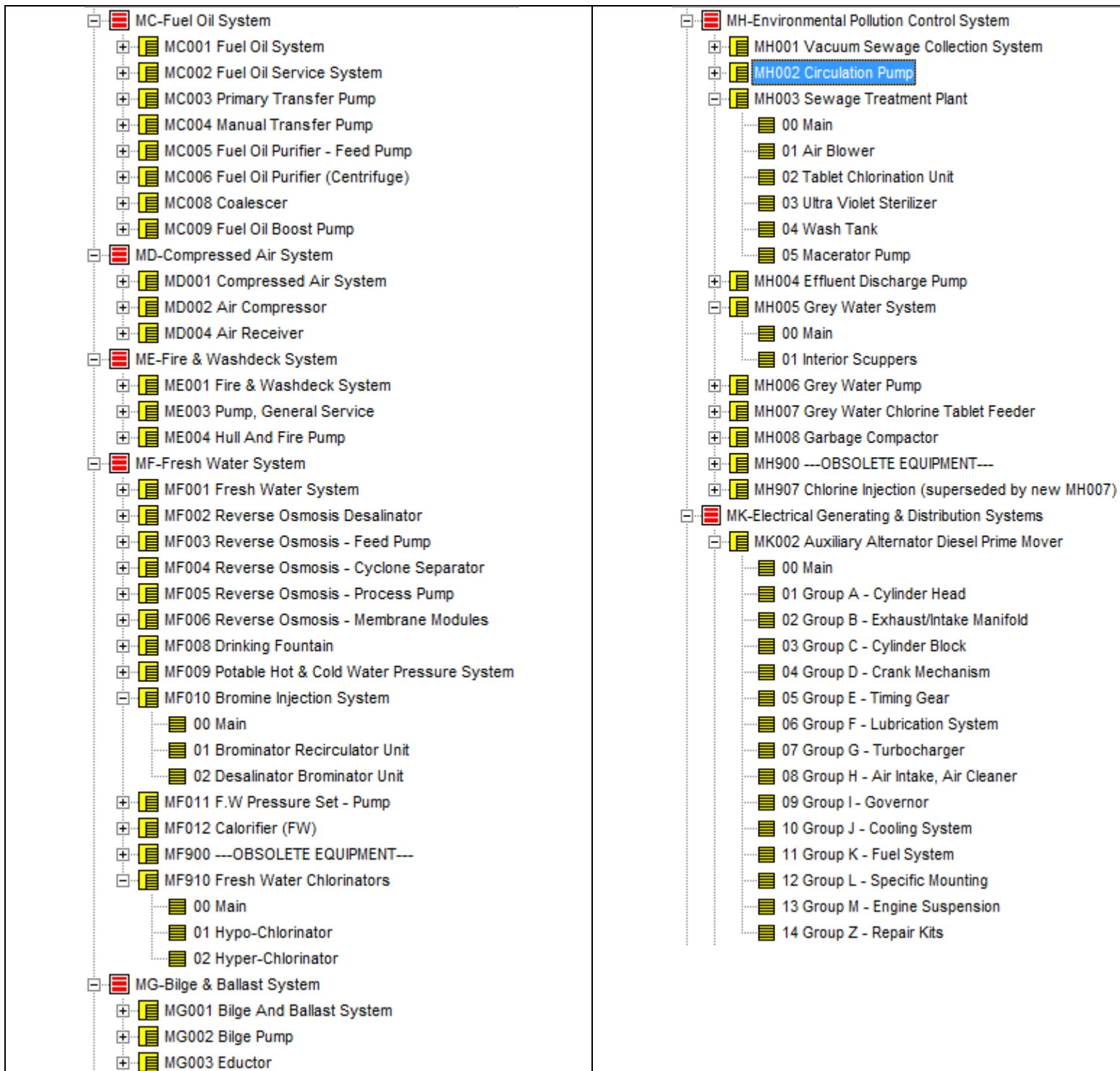
- [-] HO011 Control Rooms
 - 00 Main
 - 01 OPS Room
 - 02 CER
 - 03 CCR
 - 04 MCR/ HQ1
- [-] HO012 Machinery Spaces
 - 00 Main
 - 01 Fan Room -A/C Refrigeration Room
 - 02 Forward Auxiliary Machinery Room (FAMR)
 - 03 Bowthruster Compartment
 - 04 Degaussing Room
 - 05 Sewage Treatment Room
 - 06 Main Switchboard Room
 - 07 Emergency Generator Compartment
 - 08 Forward Machinery Room (FMR)
 - 09 Aft Machinery Room (AMR)
 - 10 Motor Room
 - 11 Z-Drive Compartment
- [-] HO013 Bridge
 - 00 Main
 - 01 Pilotage Deck
 - 02 Bridge Deck
- [+] HO014 Medical Spaces
- [+] HO015 Void Spaces
- [-] HO016 Watertight Lockers
 - 00 Main
 - 01 Ammunition Lockers
- [+] HO017 Main Magazine
- [+] HO018 Cable Locker
- [+] HP-Watertight & Gastight Doors & Hatches
 - [+] HP001 Watertight Doors - Quick Acting
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 - [+] HP004 Bridge Doors
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 - [+] HP007 Dogged Hatches
 - [+] HP008 Manhole Flush Type
 - [+] HP009 Manhole Plate Type
 - [+] HP010 Fixed Window
 - [+] HP011 Fixed/Heated Window
 - [+] HP012 Watertight Vertical Sliding Window
- [+] HQ-Mast
 - [-] HQ001 Mast
 - 00 Main
 - 01 Mast Exterior
 - 02 Fall Arrest System

- [+] HS-Hotel & Domestic Services (Seatings)
 - [+] HS001 Counter And Storage Units
- [-] HU-Stowages
 - [+] HU001 First Aid Kits And Stowage
 - [-] HU002 Damage Control Equipment Stowage
 - 00 Main
 - 01 Shoring Rack
 - [-] HU003 General Stowage
 - 00 Main
 - 01 ISSC Stowage Cabinet
 - 02 Filing Cabinets
 - 03 Cleaning Gear Locker
 - 04 Gas Rack
- [+] HX-Deck Coverings
 - [+] HX001 Deck Coverings
- [-] HY-Miscellaneous/Survey Certificates
 - [-] HY001 Painting, Preservation & Marking
 - 00 Main
 - 01 Exterior Doors and Hatches - Fluidized Bed Coating
 - 02 Upper Deck Louvers & Covers - Fluidized Bed Coating
 - [+] HY002 Insulation And Coverings
 - [-] HY003 LRS Surveys to Class
 - 00 Main
 - 01 Electrical
 - 02 Hull
 - 03 Mechanical
 - 04 Combat Systems
 - [+] HY004 Yellow Jacket (Deck) Cable Protectors

- [-]  HY005 Docking
 -  00 Main
 -  01 Docking and Undocking, Care & Custody
 -  02 Hoarding in Hull
 -  03 Underwater & Above Water Hull P&P
 -  04 Exterior Decks P&P
 -  05 Superstructure P&P
 -  06 Machinery Spaces - Bilges P&P
 -  07 Ballast Tanks P&P
 -  08 Fresh Water Tanks P&P
 -  09 Dirty Oil, Oily Water & Grey Water Contact & Surge Tanks P&P
 -  10 Void Spaces P&P (HO015-00)
 -  11 Cable Locker P&P (HO018-00)
 -  12 Machinery Spaces - Compartments P&P
 -  13 Compartments & Spaces P&P
 -  14 Fuel Tanks (HB001-00)
 -  15 Vent Heads
 -  16 Speed Log (ER006-00)
 -  17 Digital Depth Sounder (ER007-00)
 -  18 Hull Valves
 -  19 Through Hull Deployment System (EI006-00)
 -  20 Z Drive Portable Deck Plates (HL005-01)
 -  21 Z Drive Port & Stbd (MA011/012-00)
 -  22
 -  23 Cathelco Antifouling (EE002-00)
 -  24 Rope Stores (HO001-00)
 -  25 Anchors & Chain Cables (HN004-00)
 -  26 Underwater Hull Fittings & Transom Fenders
 -  27 Underwater Hull, Tanks, Appendages (Lloyd's Support)
 -  28 Fuel Oil System (MC001-00)
 -  29 Compressed Air System MD001-00)
 -  30 Fire & Washdeck System (ME001-00)
 -  31 Exterior Ventilation Louvers (HA003-00)
 -  32 Escape Scuttles
 -  33 Set to Work
- [-]  HY006 Ship Structural Integrity Program (SSIP)
 -  00 Main
 -  01 Statement of Structural Integrity
- [+]  HY007 Documentaion Review
- [+]  HY008 Misc Payloads
- [+]  HY009 Port & Starboard Propeller Assemblies

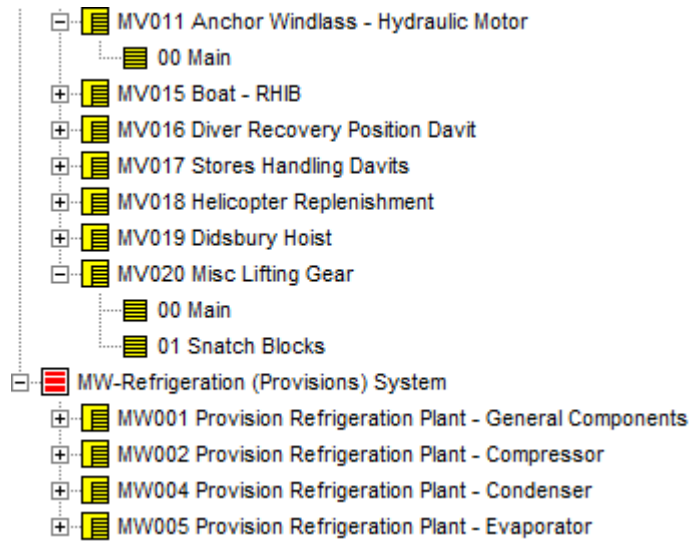
Mechanical System



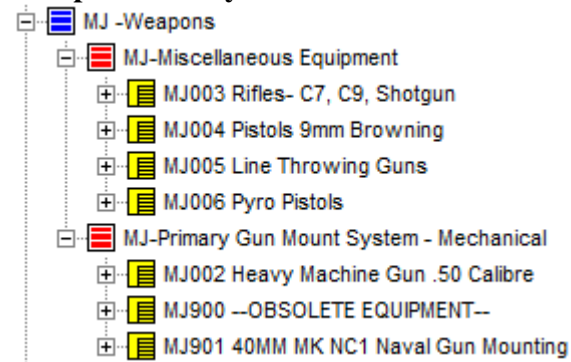


- [-] MK003 Emergency Alternator Diesel Prime Mover
 - 00 Main
 - 01 Group A Cylinder Head
 - 02 Group B Exhaust Manifold/Intake Manifold
 - 03 Group C Cylinder Block
 - 04 Group D Crank Mechanism
 - 05 Group E Timing Gear
 - 06 Group F Lubrication System
 - 07 Group G Turbocharger
 - 08 Group H Air Intake Air Cleaner
 - 09 Group I Governor
 - 10 Group J Coolant System
 - 11 Group K Fuel System
 - 12 Group L Electric Starter Assembly
 - 13 Group M Engine Suspension
 - 14 Group N Miscellaneous Mountings
 - 15 Group O Specific Mountings
 - 16 Group Z Repair Kits
- [-] MT-Air Conditioning & Ventilation Systems
 - [+] MT001 Air Handling Unit
 - [+] MT002 AHU Refrigeration Unit
 - [+] MT003 AHU Refrig. Unit Compressor
 - [+] MT004 AHU - Cooling Coil
 - [+] MT005 AHU Supply Fan Centrifugal
 - [-] MT007 MAC#1
 - 00 Main
 - 01 Compressor-Motor
 - 02 Condenser
 - [-] MT008 MAC#2
 - 00 Main
 - 01 Compressor-Motor
 - 02 Condenser
 - [+] MT009 Ducting, Valves And Ancillary Equipment
 - [+] MT010 Condenser
 - [+] MT011 Hood - Galley Range
 - [+] MT012 Valves/louvers
 - [-] MT013 Ducting
 - 00 Main
 - 01 Dryer Lint Filter
- [-] MU-Damage Control, Emergency & Safety Systems
 - [+] MU001 CO2 System - for Propulsion Motor
 - [-] MU002 Aqueous Film Forming Foam System
 - 00 Main
 - 01 Foam Concentrate Bladder Tank
 - 02 Foam Proportioner
 - [-] MU003 Magazine Sprinkling
 - 00 Main
 - 01 Magazine Valve
 - 02 Control Valves
 - 03 Control Panel

- [+] MU004 Galley Fire Extinguishing
- [-] MU005 Portable Firefighting Equipment
 - 00 Main
 - 01 CO2 Extinguishers
 - 02 Dry Chemical/Purple K Extinguishers
 - 03 Air/Water/AFFF Extinguishers
 - 04 150 lb Novec Stored Pressure Extinguisher
- [-] MU006 Breathing Apparatus
 - 00 Main
 - 03 EEED (Emergency Evacuation Breathing Device)
 - 04 HP Breathing Air Compressor Unit
 - 91 Self-Contained Hazmat Series (OBSOLETE)
 - 92 Chemox (OBSOLETE)
- [+] MU007 Smoke Clearing Fan
- [+] MU008 Portable Engine Driven Fire Pump
- [+] MU009 Fire Shutter
- [-] MU010 Damage Control & Fire Fighting Equipment
 - 00 Main
 - 01 Shore, Aluminum, Adjustable
 - 02 Damage Control Incident Boards, Lockers & Markings
- [+] MU011 Life Saving Equipment- Hydrostatic Release
- [+] MU012 Life Saving Equipment - 30 Inch Lifebouy
- [+] MU013 Lifebouy Light - L41B
- [+] MU014 Manoverboard & Bouysmoke
- [+] MU015 Liferaft with Cannister
- [+] MU016 Driver Projectile Unit - Hilti
- [-] MU017 Clothing Outfit Damage Control
 - 00 Main
 - 01 Immersion Suit
- [-] MV-Hull & Deck Machinery Systems
 - [-] MV001 General Purpose Crane
 - 00 Main
 - 01 Pedestal & Control Console Assembly
 - 02 P/Q Controller & Hydraulic System - P-Q Controls
 - 03 Hydraulic Pump - Parker Fluid Power
 - 04 Slew Unit - Speed Reducer - Perfection Gear
 - 05 Slew Unit - Slew Gear - Avon Bearing Corp
 - 06 Slew Unit - Motor Hydraulic - EATON CORPORATION
 - 07 Luffing Arm Assembly - Arva
 - 08 Lift Cylinder Assembly - Space Hydraulics
 - 09 Cable Assembly - Wire Rope Industries
 - 10 Hand Pump - Commercial Intertech
 - 11 Braden Gearmatic Hydraulic Winch - Paccar
 - 12 Power Unit
 - 13 Slew Bearing/Drive
 - [+] MV003 Capstan Assembly
 - [+] MV004 Capstan Hydraulic Power Unit
 - [+] MV005 Capstan Drive Motor
 - [+] MV006 Capstan Control Desk
 - [+] MV010 Anchor Windlass



Weapons Family Tree



Annex D – Lifting Arrangements and Appliances

The following is a snapshot as of May 2019 and can change depending upon the operational needs of the RCN.

1. General

- 1.1. The lifting appliances onboard the vessels are load tested every 24 months, if lifting personnel, or every 48 months, if not lifting personnel.
- 1.2. The schedule for load testing is managed via the preventive maintenance program.
- 1.3. Whenever a jetty-side crane is employed to apply the test weights, the procedures outlined in MARCORD 43-02 must be strictly enforced. The crane operator or attendant rigger is to apply his or her lock to the Ship's RF Emitter keyboard.
- 1.4. Suitably qualified and competent personnel must operate any lifting appliance. These may be members of the vessel crew or contracted technicians who have received necessary training from the crew and have proven competent to operate the appliance.
- 1.5. A qualified engineer (Professional Engineer (PEng) or equivalent) must attend and witness a load test.
- 1.6. A certificate indicating the results of the load test must be signed and stamped, by the witness engineer and submitted to the formation naval authority.
- 1.7. The certificate must be entered in the vessel's copy of the Captain's Ship's Book onboard the vessel and in the copies held by the Technical Authority and the In-Service Support Contractor.
- 1.8. In lieu of, or in addition to, a load test, a non-destructive examination (NDE) such as a magnetic particle inspection (MPI) may be performed. The technician performing the NDE must hold the appropriate certification for the specific type of NDE and must have the certificate at the load test site and present it if so requested.

3. KINGSTON Class Lifting Appliance Overview

3.1 Various mission-specific payloads are loaded out onboard the KINGSTON Class vessels. When the payloads are fully rigged onboard, the relevant deck hard-points, rigging and lifting appliances are load tested.

3.2 A lifting lug is fitted in the ammunition hoist located port forward in the Operations Room flats. Originally it was to suspend the Didsbury Hoist and cruet. This equipment is no longer used and the lug is not regularly tested.

4. KINGSTON Class Lifting Appliances

#	Lifting Appliance	Location	Testing Interval (months)	SWL (Kg)	STL (Kg)	DTL (Kg)	Comment
1	General Purpose Crane	01 Focs'le Deck, aft of stbd funnel	24	900	1,980	1125	
2	Diver Recovery Davit	01 Focs'le Deck, forward of stbd funnel	24	455	N/A	568	
3	Stores Davit	01 Focs'le Deck on Stores Hatch	48	70	140	105	
4	Stores Davit	01 Focs'le Deck on Rope Stores Hatch	48	70	140	105	
5	Ship's Portable Gangway	01 Focs'le Deck, adjacent to stbd funnel	24	800	1,600	N/A	
6	Lightline Transfer Lugs	01 Focs'le Deck forward house stbd	60	N/A	664	N/A	
7	Reversible Pad Eyes – Scramble Net	01 Focs'le Deck forward of stbd funnel	24	N/A	1,800	N/A	
8	MMS Cranes (Port and Stbd)	1 Sweepdeck port and stbd aft corners	24	1000 @ 5.2 m 1400 @ 4.0 m 2000 @ 3.0 m	2,000	N/A	Test also when relocated
9	Accommodation Module – Lashing Gear sets #1 to #4	1 Sweep deck forward	48	N/A	6,064	N/A	
10	Route Survey Payload Spreader Bar for Winch Handling System	Warehouse	48	N/A	8,181	N/A	MPI at 96 months
11	Route Survey wire strops (4 in #)	Warehouse	48	N/A	2,272	N/A	Test in approved shop
12	20m Spreader Bar for Propulsion Alternators	Warehouse	48	N/A	11,000		

Notes:

1. SWL – Safe Working Load
2. STL – Static Test Load
3. DTL – Dynamic Test Load
4. MPI – Magnetic Particle Inspection

Annex E - Sparing Levels (On board critical (deployment); (Min/Max – Warehouse)

The following is a snapshot as of May 2019 and can change depending upon the operational needs of the RCN.

1. General

- 1.1. Sparing levels onboard the vessels and in the ISS warehouses vary by equipment, vessel and class.
- 1.2. The KINGSTON and ORCA Classes have the highest level of sparing across the vessels in the ISS contract.
- 1.3. Onboard spares are actively managed for the KINGSTON Class.

2. KINGSTON Class Sparing Levels Overview

- 2.1. Since the introduction of the KINGSTON Class ships into the RCN, the operational tempo, mission type and area of operations have undergone some changes. As the result of these changes and of 25 years of home-port and deployed maintenance and logistics support, the quantity of spares held in the ISS warehouses have also changed. For the most part the volume, and cost, of spares has increased.
- 2.2. In addition, a host of engineering changes and mission payload obsolescence has resulted in the associated spares being added to or removed from both coastal warehouses.
- 2.3. The four KINGSTON Class lists are a snapshot of the spares as currently approved by the RCN and maintained by the in-service support contractor.

3. KINGSTON Class Sparing Levels – Onboard

- 3.1. The KINGSTON Class onboard spares are stored in two Vidmar cabinets located in General Stores.
- 3.2. The in-service support contractor is responsible for maintaining the cabinets stocked to the approved stock levels. The stock is frequently amended as fitted equipment is being replaced via engineering change.
- 3.3. The following table is a listing of the stock currently held on East Coast vessels. The “Location” is the number of the cabinet followed by the letter of the drawer bin.

Location	Ship Index	Mfg Part No	Mfg Part Description	Equipment Description	Qty
10A	EA002-01	ZB2-BD2	Pushbutton Head	MPPS DA Section	2
10A	EA002-01	J81980	Fuse 1A, 500V, gG, 10 x 38mm, ceramic	MPPS DA Section	3
10A	EA002-00	D94234	Fuse 2A, 500V, gG 10mmx38mm	Main Power & Propulsion Switchboard (MPPS)	16
10A	EK005-00	E94235	Fuse, 4A, 500V, 10 x 38mm	Ship Service Switchboard	16
10B	EA002-00	E94442	Fuse 6A, 690V, gG, 14mmx51mm	MPPS	2
10B	EA002-01	ZB2-BA3	Pushbutton Head, Green	MPPS DA Section	2
10B	EA002-01	ZB2-BV03	Signal Unit Head, Green	MPPS DA Section	2
10B	EA002-01	ZB2-BV05	Signal Unit Head, Yellow	MPPS DA Section	2

Location	Ship Index	Mfg Part No	Mfg Part Description	Equipment Description	Qty
10B	EA002-00	Z94736	Fuse 1A, 660V, aM, 22 x 58mm	MPPS	4
10B	EA002-00	Y94252	Fuse 2A, 500V, aM, 10mmx38mm (Motor Application)	MPPS	4
10B	EA002-01	Q94774	Fuse 20A,500v, gG, 22 x 58mm	MPPS DA Section	4
10C	EA002-01	ZB2-BV07	Signal Unit Head, Clear	MPPS DA Section	2
10C	EA002-01	3797	Bulb, 24V, 2W. (757 LAMP)	MPPS DA Section	16
10C	EA002-01	SP105	Bulb, 130V, 2.4W	MPPS DA Section	16
10D	EA002-01	ZB2-BV7	Signal Unit Head	MPPS DA Section	1
10D	EA003-00	D094487	Fuse 10A, 500V, 14 x 51mm, gG	Propulsion Thyristor Drive	2
10D	EA003-00	C94693	Fuse, 16A aM16A 690V 22mmx58mm P [Motor Application]	Propulsion Thyristor Drive	2
10D	EA003-00	A94691	Fuse, 4A aM4A 660V 22mmx58mm P [Motor Application]	Propulsion Thyristor Drive	2
10E	EA002-01	ZB2-BV04	Signal Unit Head, Red	MPPS DA Section	2
10E	EA003-00	K94493	Fuse, 25A, 500V, 14mmx51mm P	Propulsion Thyristor Drive	2
10E	EA003-00	M90516	Fuse, 1.25A, 250V FI 5mmx20mm	Propulsion Thyristor Drive	2
10E	EA003-00	L90515	Fuse, 1A, 250V FI 5mmx20mm	Propulsion Thyristor Drive	2
10F	EA003-00	S94454	Fuse, 4A, aM, 500V, 14mmx51mm P [Motor Application]	Propulsion Thyristor Drive	2
10F	EA003-00	P94497	Fuse, 2A, 500V 14mmx51mm P (with indicator)	Propulsion Thyristor Drive	2
10F	EA003-00	Q94659	Fuse, 20A, 660V, gI, 22mmx58mm P	Propulsion Thyristor Drive	2
10G	EA003-00	V94456	Fuse 6A, 500V, aM, 14 x51 mm (Ferraz 521 CPAM 14-6 with trip indicator)	Propulsion Thyristor Drive	2
10G	EA003-00	X94458	Fuse 8A, 500V 14mmx51mm	Propulsion Thyristor Drive	2
10G	EA003-00	X94665	Fuse, 50A, 690V 22mmx58mm P	Propulsion Thyristor Drive	2
10H	EA010-00	W006901236	Light Bulb, Pushbutton	Bridge Thruster Main Panel Assembly	10
10I	EA010-00	W006901518	Indicator Lamps	Bridge Thruster Main Panel Assembly	4
10J	EA013-00	W006902368	BUS GDB2	Azimuth Electronic System	4
10J	EA013-00	W006902369	Fuse 0.25A, 250V, QB, 5 x 20mm	Azimuth Electronic System	4
10K	EA013-00	W006902380	Fuse 1A, 250V, QB, 5 x 20mm	Azimuth Electronic System	4
10K	EA013-00	W006902386	Fuse 1.6A, 250V, SB, 5 x 20mm, glass tube	Azimuth Electronic System	4
10K	EA013-00	W006902387	Fuse 0.16A	Azimuth Electronic System	4
10L	MA018-00	13811-149	Packing	Z Drive Primary Cooling Pump	1
10L	EA029-00	441.03745	Fuse 1.6A, 250V, SB, 5x20mm, glass tube, DIN 41662	CAMS	2
10M	EA023-00	441.54417	Fuse 2.5A 250V Quick Blow 5x20mm DIN41661	Auto Pilot	2
10M	EA023-00	441.03679	Fuse 5A, 250V 5x20mm, Quick Blow DIN41571 Fast Acting	Auto Pilot	2
10M	EA023-00	AGC-1	Fuse 1A, 250V, FB, 1/4 x 1 1/4", glass tube	Auto Pilot	6
10M	EA023-00	AGC-3	Fuse 3A, 250V, FB, 1/4 x 1 1/4", glass tube	Auto Pilot	6
10M	EA023-00	441.03646	Fuse 1A, 250V, QB, 5 x 20mm	Auto Pilot	8
10M	EA023-00	441.03661	4A Quick Blow Fuse 4A 250V 5x20mm	Auto Pilot	8

Location	Ship Index	Mfg Part No	Mfg Part Description	Equipment Description	Qty
10M	EA023-00	441.54417*	Fuse 2.5A, 250V, Quick Blo, 5 x 20mm	Auto Pilot	8
10N	EA024-00	DL1-CE024	Bulb 24V 2.6W	Machinery Control Room Console	1
10N	EA024-00	XVL-A233	Pilot Light Green	Machinery Control Room Console	2
10N	EA024-00	XVL-A234	Pilot Light Red	Machinery Control Room Console	2
10O	EK004-00	AJT400	Fuse 400A, 600V, Time Delay Fuse, Class J	Shore Supply Connection Box	3
10P	EA002-00	D94234	Fuse 2A, 500V, gG 10mmx38mm	MPPS	4
10P	EK005-00	E94235	Fuse, 4A, 500V, 10 x 38mm	Ship Service Switchboard	4
10P	EK005-00	M205631	Fuse 20A 690V 14mmx51mm	Ship Service Switchboard	4
10P	EK005-01	X94251	Fuse 1A	Ship Service Switchboard - Motor Alternator Section	4
10P	EK005-01	L94448	Fuse 20A	Ship Service Switchboard - Motor Alternator Section	4
10Q	EK005-00	F94236	Fuse 6A	Ship Service Switchboard	4
10Q	EK005-02	H94238	Fuse 10A, 500V, gG, 10x38mm, ceramic	Ship Service Switchboard - Aux Diesel	4
10Q	EK006-00	N205632	Fuse 25A, 690V, gG, 14 x 51mm	Emergency Switchboard	4
10Q	EK005-00	W94250	Fuse, 0.5A, 500V, aM, 10 x 38mm, ceramic	Ship Service Switchboard	7
10R	EK006-01	X94251 (see Alt P/N)	Fuse 1A, 500V, aM, 10 x 38mm	Emergency Switchboard 450V	2
10R	EK006-02	A94254	Fuse 4A, 500V, aM. 10 x 38mm, ceramic	Emergency Switchboard - 115V	4
10R	EK006-01	J81980	Fuse 1A, 500V, gG, 10 x 38mm, ceramic	Emergency Switchboard 450V	7
10S	EK005-00	W94250	Fuse, 0.5A, 500V, aM, 10 x 38mm, ceramic	Ship Service Switchboard	2
11A	EK020-00	665-11111	Fuse 1A, 250V, FB, 1/4 x 1 1/4", glass tube	Navigation Lighting Panel	1
11A	EK020-00	665-11113	Fuse 3A, 250V, FB, 1/4 x 1 1/4", glass tube	Navigation Lighting Panel	2
11A	EK020-00	665-11112	Fuse 10A, 250V, QB, 1/4 x 1 1/4", glass tube	Navigation Lighting Panel	3
11B	EK037-00	DILER 22	Control Relay	Motor Control Center	1
11B	EK037-00	GL 130	Filament Bulb BA9S 130V 2.4W	Motor Control Center	2
11B	EK037-00	H-313.500	Fuse 0.5 A, 250V, SB, 1.4 x 1 1/4", glass tube	Motor Control Center	2
11C	EK037-00	H-313.750	Fuse .75 Amp 75VA	Motor Control Center	1
11C	EK037-00	NDN-F1	Fuse Holder	Motor Control Center	1
11D	EK038-00	BIFU-M600-002	2A Midget Fuse 600 VAC	MA Starter	1
11D	EK038-00	BIFU-M600-004	4A Midget Fuse 600 VAC	MA Starter	1
11D	EK038-00	BIFU-M600-006	6A Midget Fuse 600 VAC	MA Starter	1
11E	ER002-00	AI-BSSAGC3	Fuse 3A, 250V, 1/4x1 1/4", Glass tube	Ships Whistle	3
11E	ER006-00	2183.15	Fuse 3.15A, 250V, TD, 5x20mm, Glass Tube	Speed Log	5
11E	ER006-00	218001	Fuse 1A, 250V, Slo Blo, 5x20mm, glass tube	Speed Log	7
11F	ER076-00	046156-0000-000	O-Ring Gasket, 175 x 6mm	Navigat X Mk1 Gyro System	1
11F	ER076-01	025764-0000-000	Knurled Screw	Navigat X Mk1 Gyro System	1
11F	ER076-02	026797-0000-000	Fan	Navigat X Mk1 Gyro System	1
11F	ER076-03	047274-0000-000	Belt Shaft encoder	Navigat X Mk1 Gyro System	1
11F	ER009-00	1.762 030	Fuse 6.3A, 250V, TD, 5x20mm, glass tube	GYRO	3
11F	ER009-00	1.762 035	Fuse 4A, 250V, TD, 1/4" x 1 1/4", Glass Tube	GYRO	3
11F	ER009-00	1.760 590	Fuse 2A M2 G DIN 41577	GYRO	5
11F	ER009-00	1.762 039	Fuse 2.5A, 250V, SB, 1/4 x 1 1/4", glass tube, T2 19343	GYRO	7
11G	ER009-00	NB-12 E 48-19	Lamp, 28V, 60ma	GYRO	2
11G	ER009-00	T 6.3A 250V	Fuse 6.3A, 250V, TD, 5 x 20mm, glass tube	GYRO	7

Location	Ship Index	Mfg Part No	Mfg Part Description	Equipment Description	Qty
11G	ER009-00	T 1A DIN 41662	Fuse 1A, 250V, 5x20mm, Time Delay, glass tube	GYRO	7
11I	ER038-01	10793	Light 110-120V/60W SBC Bulb	Main Intercom System	3
11I	ER038-01	17398	Mini-Lamp T1. 3/4 (28V 40ma) (Intercom Control Station)	Main Intercom System	5
11I	ER038-01	18976/6.3A	Fuse 6.3A 5x20 Glass	Main Intercom System	5
11I	ER038-00	13227	Mini-Lamp 30V, 20ma, side contacts	Main Intercom System	15
11J	ER039-00	19181/5A	Fuse 5A, 250V, SB, 5x20mm, ceramic, T 5A	Ships Telephone System	2
11J	ER038-04	18976/10A	Fuse 10A, 250V, 5x20mm, SB	Main Intercom System	3
11J	ER039-00	Fuse 15A	Fuse 15A, 32V, QB, 1/4 x 1 1/4, glass tube, Tel 15	Ships Telephone System	3
11J	ER039-00	Tel 3A Fuse (Use 2nd Alt P/N)	Fuse 3A Fast Blow 250V 1/4 x 1 1/4 Glass	Ships Telephone System	3
11J	ER039-00	Tel 5A Fuse	Fuse 5A Fast Blow	Ships Telephone System	3
11K	ER040-00	10522/1A	Fuse 1A A/S	Broadcast/Entertainment/Alarm	3
11K	ER040-00	10522/500mA	Fuse 500mA, 250V,TD, 5 x 20mm, ceramic, A/S	Broadcast/Entertainment/Alarm	3
11L	ER040-00	23812	Filter	Broadcast/Entertainment/Alarm	1
11L	ER040-00	18976/500mA	Fuse 0.5A, 250V, SB, 5 x 20mm, glass tube	Broadcast/Entertainment/Alarm	3
11L	ER040-00	18976/1A	Fuse 1A 20mm	Broadcast/Entertainment/Alarm	3
11N	EI006-00	504958-2FT	Chain, Roller, Stl, 1/2" Pitch, 2 Ft	Through Hull Deployment System	1
11N	EI006-00	504959	Link, Repair, Chain, Roller, 1/2" P, Sc*	Through Hull Deployment System	3
11N	EI006-00	504453	Link, Repair, Chain, Roller, 5/8"P	Through Hull Deployment System	3
11N	EI006-00	800T-N169	120V Incandescent Lamp	Through Hull Deployment System	3
11O	ER041-00	AGC-2	Fuse, 2A, 250V, FB, 1/4x1 1/4", glass tube	VHF Direction Finder	3
12A	ER050-01	10121-1011	Air Filter	HF Exciter	1
12A	ER050-03	6902-0327	Air Filter	HF Amplifier	3
12B	ER050-00	F-0011	Fuse 1.5A, 250V, QB, 1/4 x 1 1/4", glass tube	HF Transmitter	3
12B	ER050-02	6902-1209	Air Filter	HF Amplifier	3
12C	ER050-03	F-0038	Fuse 3A, 250V, SB, 1/4 x 1 1/4", glass tube	HF Amplifier	3
12C	ER050-03	F-0015	Fuse 5A, 250V, QB, 1/4 1 1/4", glass tube	HF Amplifier	3
12C	ER050-03	F-0013	Fuse 3A, 250V, FB, 1/4 x 1 1/4" glass tube	HF Amplifier	3
12D	ER050-03	F-0068	Fuse 3A, 250V, TD, 1/4 x 1 1/4", ceramic	HF Amplifier	3
12D	ER050-03	F-0074	Fuse 15A, 250V, FB, 1/4 x 1 1/4", ceramic	HF Amplifier	5
12E	ER050-01	F03-0002-005	Fuse 1/8A, 250V, SB, 1/4 x 1 1/4", glass tube, 3AG	HF Exciter	3
12E	ER050-03	F03-0002-014	Fuse 0.5A, 250V, TD, 1/4 x 1 1/4", glass tube	HF Amplifier	3
12F	ER050-01	F03-0002-019	Fuse 1.0A Slow Blow 250V 3AG	HF Exciter	3
12F	ER050-01	F03-0002-022	Fuse 1.5A, 250V, SB, 1/4 x 1 1/4, glass tube 3AG	HF Exciter	3
12F	ER050-01	F03-0002-022	Fuse 1.5A, 250V, SB, 1/4 x 1 1/4, glass tube 3AG	HF Exciter	5
12G	ER053-00	F03-0002-024	Fuse 2A, 250V, SB, 1/4 x 1 1/4", glass tube	HF Receiver	3
12H	ER050-00	F03-0004-016	Fuse 4A,250V, SB Ceramic, 1/4" x 1 1/4"	HF Transmitter	2
12I	ER055-00	N15-0008-003	Lens Cap - Amber	LF/MF/HF Multicoupler	1
12I	ER055-00	N15-0008-002	Lens Cap - Green	LF/MF/HF Multicoupler	1
12I	ER055-00	N15-0008-001	Lens Cap - Red	LF/MF/HF Multicoupler	1
12K	ER055-00	N21-0026-002	LED Green, Diffuser	LF/MF/HF Multicoupler	2

Location	Ship Index	Mfg Part No	Mfg Part Description	Equipment Description	Qty
12K	ER055-00	N21-0026-003	LED Amber Diffuser	LF/MF/HF Multicoupler	2
12K	ER055-00	N21-0026-001	LED Red Diffuser	LF/MF/HF Multicoupler	2
12L	ER018-00	45.561	Fuse 8A, 250V, QB, 5 x 20mm, glass tube(Interface Unit)	RT146 VHF Radio	3
12L	ER021-00	0020.7630.00	Fuse 6.3A, 250V, SB, 5x20mm, ceramic	UHF Radio	3
12L	ER021-00	0520.4858.00	Fuse 20A, 32V, QB, 10 x 38mm, glass tube	UHF Radio	3
12L	ER021-00	0020.7430.00	Fuse 1A, 250V, SB, 5x20mm, glass tube, DIN 41517	UHF Radio	3
12L	ER021-00	0020.7498.00	Fuse 1.6A, 250V, SB, 5x20mm, glass tube	UHF Radio	3
12M	ER025-00	SIG0030	KELBUL - 12V Bulb	Portable Signalling Lanterns	1
12M	ER023-00	542-00004	Fuse 1A, 250V, 1/4 x 1 1/4", SB, Glass Tube	Radio Remote Control System	3
12O	MT001-00	28-2468-24	3/4" Bayonet Bulbs	Air Handling Unit	1
12O	MT001-00	94-2723F13A	Fuse F1 3A 3 Amp 600VAC Time Delay	Air Handling Unit	2
12P	EW003-00	V5BA-2015	Indicator Lamp - Red	Fridge Plant Control Panel	1
12P	EW003-00	V5BA-2014	Indicator Lamp - Green	Fridge Plant Control Panel	1
12P	EW003-00	V5BA-2013	Fuse 2A, 600V, QB, 10 x 38mm, Melamine, FU 2&3	Fridge Plant Control Panel	4
12Q	EW003-00	V5BA-2017	Fuse 2A, 250V, SB, 1/4 x 1 1/4", glass tube	Fridge Plant Control Panel	1
12Q	EW007-00	V5BA-2031	Fuse 15A, 32V, TD, 1/4 x 1 1/4", glass tube (FU1)	Evaporator Control Panel	1
12Q	EW003-00	V5BA-2019	Light Bulb 6V 1.2W BA9S	Fridge Plant Control Panel	2
12Q	EW003-00	V5BA-2016	Fuse 3/460V/60Hz 20A	Fridge Plant Control Panel	4
12R	EF007-00	MDA 1 1/2	Fuse 1 1/2A, 250V, SB, 1/4 x 1 1/4", ceramic	ROD Unit Control Panel	1
12R	MF002-00	755 or 1020050	Lamp 6.3V, 0.15A	ROD Unit	2
12R	MF009-00	KTK-20	Fuse 20A, 600V, Fast-Acting, Midget	Hot & Cold Water Pressure System	2
12R	MF011-00	MDL-2	Fuse 2A, 250V, SB, 1/4 x 1 1/4", glass tube	Fresh Water Pressure Set - Pump	2
12R	MF009-00	SP122	Lamp 160V, 3W, Type T3.25	Hot & Cold Water Pressure System	4
13A	ER034-02	SPT-9011	Headset	Sound Power Telephone System	1
13A	ER034-01	SPT-9010	Headset with Microphone - (Skinny 'Lemo' Plug)	Sound Power Telephone System	2
13B	ER038-01	A0636-01 (Use Alt: D070-126)	HEADSET ASSY with Microphone/inline Switch with PTT Switch - (Fat Amphenol Plug)	Main Intercom System	1
13C	ER058-00	6ZPTS 00108	Marine Fax Thermal Paper (10.6" X 50 Ft)	Jax 9 Weather Fax	1
13E	MH001-00	3321	Fuse Holder For 15A 250V Max (for 1/4x1 1/4" fuses)	Vacuum Sewage Collection System	1
13E	MH001-00	3105	Compression Nut Tool	Vacuum Sewage Collection System	1
13E	MH001-00	140-40-2015	130V 2.4W BA9S	Vacuum Sewage Collection System	3
13E	MH001-00	140-40-2002	Fuse 30A, 600V, QB, 21 x 57mm, Fiberglass Body	Vacuum Sewage Collection System	8
13E	MH001-00	3348	Fuse 8A, 250V, QB, 1/4 x 1 1/4", ceramic	Vacuum Sewage Collection System	8
13F	MH001-00	MODEL 288	Chart Paper	Vacuum Sewage Collection System	1
13F	MH001-00	V5MAL#7	Fuse 5A, 250V, SB, 1/4 x 1 1/4", Glass Fuse	Vacuum Sewage Collection System	8
13F	MH001-00	V5MAL#6	Fuse 10A, 32V, Slo Blo, 1/4 x 1 1/4"	Vacuum Sewage Collection System	10
13F	MH001-00	5121	Fuse 400mA Anti Surge, 250V, 5x20mm	Vacuum Sewage Collection System	12
13F	MH001-00	5122	Bayonet Cap Fuse Holder	Vacuum Sewage Collection System	12

Location	Ship Index	Mfg Part No	Mfg Part Description	Equipment Description	Qty
13F	MH001-00	V5MAL#8	Fuse 2A, 250V, Slo Blo, 1/4 x 1 1/4",	Vacuum Sewage Collection System	12
14C	EA029-01	592-12237-00	Fuse 0.8A, 250V, QB, 5 x 20mm, glass tube	CAMS	3
14C	EA029-01	592-10545-00	Fuse, 10A, 250V, SB, 5 x 20mm, glass tube	CAMS	4
14C	EA029-01	43100	Fuse, 2.5A 5x20mm	CAMS	8
14C	EA029-01	592-12047-00	Fuse, 2.5A, 250V, QB, 5x20mm, ceramic	CAMS	12
14D	EA029-01	DL1-CJ0244	Led, Bulb, 24V, Red	CAMS	1
14F	EA020-02	FUSE 10A	Fuse 10A, 125V, FB, 5x20mm, glass tube	IFDMS - UPS	5
14F	EA020-02	FUSE 8A	Fuse 8A, 125V, QB, 5 x 20mm, Glass Tube	IFDMS - UPS	5
14G	EA020-02	496300	Power Supply Surge Protection	IFDMS - UPS	1
14G	EA020-02	500-645527	Line End Terminator	IFDMS - UPS	2
14H	EA020-02	GPAG-24	Fire Door Holdback	IFDMS - UPS	1
14H	EA020-00	500-033290	Fireprint Detector N/N HFP-11 (Smoke)	IFDMS	2
14H	EA020-00	500-033380	Thermal Detector M/N HFPT-11	IFDMS	1
14H	EA020-00	500-095687	Detector Base DB-11C	IFDMS	3
14H	EA020-00	500-240226	Thermal Printer Paper Roll - IFDMS	IFDMS	3
14I	EA021-00	04-029B	Manual Pull Station ADRS see alt part #	Alarm Signalling Devices	1
14J	EA021-00	07-138	Addressable Contact Model: E-90MIC (Master Element)	Alarm Signalling Devices	1
14K	EA021-00	190-146354 or 190-147097	Electric Horn 24 VDC	Alarm Signalling Devices	1
15A	MC001-00	73547	Seal Ring	Fuel Oil System	1
15B	MC001-00	1510/32491-16	Sight Glass Gasket (3 3/4" x 1 1/2" x 1/16")	Fuel Oil System	1
15B	MC001-00	1510/32491-3/4	Operating Cock 1/4 NDID	Fuel Oil System	1
15C	MC001-00	1505/32491/1.5in-16	Cover Gasket (2 7/8" O.D.)	Fuel Oil System	1
15C	MC001-00	1505/32491/1in-16	Cover Gasket (2 3/8" O.D.)	Fuel Oil System	1
15D	MC001-00	2876/A-6	Fusible Element (Plastic 21x23mm)	Fuel Oil System	6
15E	MC006-00	543663-01	Height Adjusting Ring	Fuel Oil Purifier (Centrifuge)	1
15E	MC006-00	260169-23	Flat Belt 60 Hz	Fuel Oil Purifier (Centrifuge)	1
15E	MC006-00	800T-N65	Lamp 6.3V, 0.15A	Fuel Oil Purifier (Centrifuge)	3
15F	MC006-00	221040-05	Screw	Fuel Oil Purifier (Centrifuge)	1
15F	MC006-00	221035-02	Screw	Fuel Oil Purifier (Centrifuge)	1
15F	MC006-00	221803-33	Nut	Fuel Oil Purifier (Centrifuge)	1
15I	MC001-00	1505/32491/3in-16	Cover Gasket	Fuel Oil System	1
15I	MC006-00	548152-03	Washer	Fuel Oil Purifier (Centrifuge)	1
15I	MC006-00	223642-36	Snap Ring	Fuel Oil Purifier (Centrifuge)	1
15I	MC006-00	223642-34	Snap Ring	Fuel Oil Purifier (Centrifuge)	1
15I	MC006-00	223641-17	Snap Ring	Fuel Oil Purifier (Centrifuge)	1
15J	ME004-00	FLNR 3/10	Fuse 300Ma, 250V, TD, 9/16 x 2"	Hull & Fire Pump	1
15J	ED003-00	5SB1 11	Fuse 2A FLINK 500v Diazed	Air Compressor - Motor Control Box	4
15J	ED003-00	5SB2 21	Fuse4A gL/gD FLINK 500v Diazed	Air Compressor - Motor Control Box	4
15J	ED003-00	1819	Bulb 28V	Air Compressor - Motor Control Box	4
15K	MV001-00	A-120649	Fuse 20A, 600V, SB, AC/300 DC Time Delay Fuse	GP Crane	5
15K	MV001-01	P-000553	Fuse 1A, 600V, 12 x 30mm	GP Crane	5
15K	MV001-01	P-000549	Fuse 3A, 600V, FB, ceramic, 13.80 x 60.40mm	GP Crane	5
15K	MV001-01	P-000554	Fuse, 5A, 250V, 10 x 38mm	GP Crane	5
15L	MV001-01	P-000555	Fuse 1/2A,250V, FB, 10 x 38mm, Laminated Body	GP Crane	5
15L	MV001-01	P-000556	Lamp 130V, 20mA	GP Crane	5

Location	Ship Index	Mfg Part No	Mfg Part Description	Equipment Description	Qty
15L	MV001-01	P-000557	Lamp 130V, 20mA	GP Crane	5
15L	MV001-01	P-000558	Lamp 130V, 20mA	GP Crane	5
15M	MH001-00	FU4 & FU5	Fuse 5A, 250V, SB, 1/4 x 1 1/4", glass tube	Vacuum Sewage Collection System	1
15M	MH001-00	FUSE (FU-1 THRU FU-3)	Fuse 2A, 250V, SB, 1/4 x 1 1/4", glass tube	Vacuum Sewage Collection System	1
15M	MH001-00	SP122	160V Bulb	Vacuum Sewage Collection System	1
15M	MB004-00	18V	Bulb - 18V, 0.1A	Oily Water Separator	2
15M	MB004-00	PC-1035-11	Lens, Green	Oily Water Separator	2
15M	MB004-00	PC-1035-14	Lens, Amber	Oily Water Separator	2
15M	MB004-00	PC-1035-15	LENS, White or Clear	Oily Water Separator	2
15M	MB004-00	PC-1262-1	INDICATOR LIGHT, 125vac Flasher, Red (2660T1)	Oily Water Separator	2
15M	MB004-00	PC-1035-19	Lamp 120V	Oily Water Separator	3
15M	MB004-00	120 PSB	Lamp	Oily Water Separator	8
15N	EV002-00	00-2244-01-15	Fuse 0.5A, 250V, FB, 1/4 x 1 1/4", glass tube	GP Crane Starter	1
15N	MV003-00	GIA10	10 AMP FUSE	Capstan Assy	1
15N	EV002-00	00-2244-01-S2	Bulb 130V/2.4W	GP Crane Starter	3
15O	MV010-00	04-2224-19-66	Washer	Anchor Windlass	1
15O	MV010-00	04-2224-19-67	Washer	Anchor Windlass	1
15O	MV010-00	04-2224-24-72	Pin	Anchor Windlass	1
15O	MV010-00	04-2224-28-77A	Cotter Pin	Anchor Windlass	2
15P	MV010-00	04-2224-35-100	Shaft Seal (Outer)	Anchor Windlass	1
15P	MV011-00	04-2224-40-140A	Filter Element	Anchor Windlass - Hydraulic Motor	1
15Q	EV012-00	04-2224-103-16	Fuse, 10A, 600V, Tank Heater Fuse	Anchor Windlass - Oil Heater	3
15Q	EV012-00	04-2224-103-17	Fuse 5A, 600V, QB, 10 x 38mm, melamine, Control Circuit	Anchor Windlass - Oil Heater	3
15Q	EV012-00	04-2224-103-18	Fuse 1/2A, 250V, QB, 1/4 x 1 1/4", glass tube, Control Circuit	Anchor Windlass - Oil Heater	3
15R	EV012-00	04-2224-103-S2	Lamp 130V, 2.4W	Anchor Windlass - Oil Heater	3
16A	EA021-00	180-045415	Alarm Bell 24 VDC .03A	Alarm Signalling Devices	1
16B	EA002-00	D94234	Fuse 2A, 500V, gG 10mmx38mm	MPPS	12
16B	EA002-01	G205626	Fuse 6A, 690V, gG, 14 x 51mm	MPPS DA Section	12
16B	EA002-01	H94238	Fuse 10A, 500V, gG, 10x38mm, ceramic	MPPS DA Section	16
16C	EA002-01	ZB2-BZ103	Pushbutton, Switch	MPPS DA Section	2
16C	EK005-00	ZB2-BZ103	Switch, Pushbutton	Ship Service Switchboard	2
16C	EA002-00	Y94252	Fuse 2A, 500V, aM, 10mmx38mm (Motor Application)	MPPS	12
16C	EK005-00	E94235	Fuse, 4A, 500V, 10 x 38mm	Ship Service Switchboard	12
16C	EA002-01	N205632	Fuse 25A, 690V, gG, 14 x 51mm	MPPS DA Section	16
16C	EA002-00	C94739	Fuse 0.5A aM0.5A 660V 22mmx56mm (Motor Application)	MPPS	20
16D	EA002-01	S221069	Fuse 25A, 690V, gG, 14 x 51mm	MPPS DA Section	12
16D	EA002-01	Z94736	Fuse 1A, 660V, aM, 22 x 58mm	MPPS DA Section	12
16E	EA002-04	ZB2-BV01	Signal Unit Head, White	MPPS Shore Supply Section	2
16E	EA002-00	T093765	Fuse 6A, 690V, 22x58mm, aM (Motor Application)	MPPS	8
16E	EA002-02	F94236	Fuse	MPPS Synchronization Section	19
16F	MU001-00	P30066000	CO2 Discharge Valve	CO2 System	1
16F	MU001-00	P30096	CO2 Actuator Handle	CO2 System	1
16F	MU001-00	DB-001	ADAPTER	CO2 System	1
16F	EA003-01	DV008	Fuse 1A, 1500Vdc, 2500Vac, 13/16" x 5"	Propulsion Thyristor Drive (SCR)	8

Location	Ship Index	Mfg Part No	Mfg Part Description	Equipment Description	Qty
16G	EA006-00	2210-S222-N1M1-H0-8A	CCT Breaker, 250Vac, 65Vdc, 8A	SCR UPS	1
16G	EA002-00	STI 2P 15651	Fuse Switch, 32A, 500V, 3.5W (Merlin Gerin)	MPPS	4
16G	EA003-01	DV047	Fuse 4A, 690V, aM, 22 x 58mm	Propulsion Thyristor Drive (SCR)	4
16G	EA003-01	X95263	Fuse 50A, 660V, 22mm x 58mm	Propulsion Thyristor Drive (SCR)	5
16G	EA003-01	DV007	Fuse 50A, 690V, gG, 22 x 58mm, ceramic	Propulsion Thyristor Drive (SCR)	6
16G	EA006-00	A50P25-1	Fuse 25A, 500V, 9/16 x 2", Semiconductor protection fuse	SCR UPS	16
16H	EA003-02	DV046	Fuse 32A, 690V, aM, 22 x 58mm	Propulsion Thyristor Drive (Local Control Panel)	5
16H	EA003-02	DV050	Fuse 8A, 500V, aM, 14 x 51mm	Propulsion Thyristor Drive (Local Control Panel)	8
16H	EA003-02	DV051	Fuse 4A, 500V, am, 14 x 51mm	Propulsion Thyristor Drive (Local Control Panel)	8
16I	EC007-00	CIA2	Fuse 2A, 600V, Form II	Fuel Oil Purifier	2
16I	EC007-00	CIA20	Fuse 20A, 600V, Form II	Fuel Oil Purifier	3
16I	EC007-00	CIA10	Fuse 10A, 600V, Form II	Fuel Oil Purifier	3
16I	EA003-02	DV032	Fuse 6A, 500V, aM, 14 x 51mm	Propulsion Thyristor Drive (Local Control Panel)	8
16I	EA003-02	DV044	Fuse 10A, 500V, aM, 14 x 51mm	Propulsion Thyristor Drive (Local Control Panel)	8
16I	EA006-00	AGC-1 (Use 2nd ALT)	Fuse 1A, 250V, QB, 1/4 x 1 1/4", glass tube	SCR UPS	16
16J	EA006-00	AGC-30	Fuse 30A, 32V, QB, 1/4 x 1 1/4", glass tube	SCR UPS	16
16J	EA006-00	AGC-2	Fuse 2A, 250V, FB, 1/4 x 1 1/4", glass tube	SCR UPS	16
16J	EA006-00	AGC-3	Fuse 3A, 250v, FB, 1/4 x 1 1/4", glass tube	SCR UPS	16

4. KINGSTON Class Sparing Levels – Deployment Spares Pack-Up (“Blue Boxes”)

- 4.1. Several pack-ups of deployment spares have been created to augment the onboard spares for KINGSTON Class ships deploying on extended missions – typically greater than three weeks.
- 4.2. The pack-ups can vary by mission and coast. They are filled by the ISS contractor from warehouse stock and issued to the deploying ships prior to departure. The warehouse stock is replenished via standard procurement process.
- 4.3. The parts in the pack-ups are drawn by ship staff to effect repairs by:
 - 4.3.1. Deployed in-service support subcontractors from Halifax or Esquimalt,
 - 4.3.2. Foreign port service providers, or
 - 4.3.3. Ship staff.
- 4.4. The ship staff record the item(s) drawn and if repairable return the used / defective item(s) to the pack-up.
- 4.5. On the ship’s return the pack-up is returned to the ISS warehouse for mustering, replenishment, and making ready for the next deployment.
- 4.6. The following list is based on a January – March 2019 East Coast deployment.

Box #	Item #	Ship Index #	Part Number	Item Description	Qty
0	1	MF006-00	SW30-4040	Membrane Elements	4

Box #	Item #	Ship Index #	Part Number	Item Description	Qty
0	2	MF003-00	3000DH	Feed Pump ROD Unit	1
0	3	MA001-02	4.570078.3	Injection Pump with Governor Assembly S/N: 5682800013C/268224	1
1	1	MC005-00	1762163-01	Feed Pump Type ACP 032N1 NVBP	1
1	2	MF002-00	50376	Membrane housing-end Maint Kit	2
1	3	MF002-00	1017544	Flow Switch Model Q-1/2/F	1
1	4	MF006-00	104059-1	Permeate Port, stainless	1
1	5	ER038-02	23172	Microphone	1
1	6	ER034-01	A0103-05	SPT Headsets	2
1	7	EA013-00	T003002807	Potentiometer	2
1	8	ER038-01	A0636-01	Headset Assy	2
1	9	MV001-00	HYDHOSE-01DA61652-781	3/8" Hydraulic Hose - 30" Length	1
1	10	MV001-00	HYDHOSE-01DA61652-782	3/8" Hydraulic Hose - 35" Length	1
1	11	MV001-00	HYDHOSE-01DA61652-783	3/8" Hydraulic Hose - 42" Length	1
1	12	MV001-00	HYDHOSE-01DA61652-784	1/2" Hydraulic Hose - 36" Length	1
1	13	MV001-00	HYDHOSE-01DA61652-785	1/2" Hydraulic Hose - 48" Length	1
1	14	MV001-00	HYDHOSE-01DA61652-786	1/4" Hydraulic Hose - 48" Length	1
1	15	MV001-00	879FS-6-SS	3/8" 90 Degree Swivel Adapter	2
1	16	MV001-00	879FS-8-8SS	1/2" 90 Degree Swivel Adapter	2
1	17	MV001-00	879FS-4-4SS	1/4" 90 Degree Swivel Adapter	2
2	1	MA001-01	2.701239.9	Attachment Collar / Exhaust	2
2	2	MA001-01	5.050000.1	Seal	2
2	3	MA001-01	4.140908.2	Gasket, Copper	1
2	4	MA001-01	2.539642.2	Equipped Rocker Complete	1
2	5	MA001-01	2.561966.1	Seal	12
2	6	MA001-01	2.701555.6	Seal Kit	2
2	7	MA001-01	2.701554.5	Seal Kit	2
2	8	MA001-01	2.570050.1	Gasket, Compression	1
2	9	MA001-02	4.588469.1	Gasket	1
2	10	MA001-02	4.588470.6	O-Ring	1
2	11	MA001-03	4.529077.3	O-Ring	12
2	12	MA001-03	2.561945.4	Hose / Pipe	1
2	13	MA001-03	2.561944.3	Pipe	1
2	14	MA001-03	4.532800.7	O-Ring	2
2	15	MA001-03	2.149630.1	Oval Gasket	2
2	16	MA001-03	2.570916.4	Oil Piping	1
2	17	MA001-03	2.570915.3	Oil Piping	1
2	18	MA001-03	4.521970.3	O-Ring	2
2	19	MA001-03	4.533786.5	O-Ring	2

Box #	Item #	Ship Index #	Part Number	Item Description	Qty
2	20	MA001-03	4.013375.0	O-Ring	2
2	21	MA001-03	4.570494.0	O-Ring	1
2	22	MA001-05	4.562076.3	O-Ring	4
2	23	MA001-05	4.570342.0	O-Ring	2
2	24	MA001-05	2.560675.2	Seal	1
2	25	MA001-05	4.584135.6	O-Ring	3
2	26	MA001-05	4.532278.8	O-Ring	2
2	27	MA001-05	4.588962.3	O-Ring	2
2	28	MA001-05	4.534540.1	O-Ring	1
2	29	MA001-06	9.533898.1	Seal	2
2	30	MA001-06	4.590019.3	O-Ring	2
2	31	MA001-06	4.590016.2	O-Ring	2
2	32	MA001-06	4.582911.6	Clamp	4
2	33	MA001-06	5.050000.2	Sealing Braid	4
2	34	MA001-07	2.031243.4	Turbo Gasket Set	2
2	35	MA001-09	4.534260.4	O-Ring	8
2	36	MA001-09	2.563278.3	Expansion Joint / Gasket	1
2	37	MA001-09	4.590023.1	Gasket	3
2	38	MA001-09	4.529191.5	O-Ring	3
2	39	MA001-09	4.529190.8	O-Ring	3
2	40	MA001-09	4.528670.9	O-Ring	2
2	41	MA001-09	4.534637.0	O-Ring	1
2	42	MA001-09	4.582070.8	O-Ring	1
2	43	MA001-10	4.590073.1	Gasket	6
2	44	MA001-01	4.230259.8	Copper Gasket	4
2	45	MA001-02	2.140036.8	Copper Gasket	24
2	46	MA001-02	2.565060.4	Copper Gasket	4
2	47	MA001-02	4.522627.2	O-Ring	4
2	48	MA001-10	2.521877.2	Copper Ring	24
2	49	MA001-05	Elbow	1 1/2" 90 Degree Elbow	2
2	50	MA001-05	187426	Temp Cooling Line	1
2	51	MA001-10	4.198251.7	Distributor	1
2	52	MA001-08	4.197747.3	Combined Switch	1
2	53	MA001-10	4.195793.2	Electro-Valve	1
2	54	MA001-10	4.582509.0	Cock	1
2	55	MA001-02	2.570583.9	Pipe	2
2	56	MA001-08	4.584524.4	Flux Gate/Pickup (Woodward)	1
2	57	MA001-05	4.588079.5	Set Gaskets Complete	1
2	58	MA001-02	2.570174.8	Coupling Complete	1
2	59	MA001-02	2.098154.9	Coupling	10
2	60	MA001-02	2.098152.7	Washer	8
2	61	MA001-02	2.098153.8	Bushing	8
2	62	MA001-02	2.570454.1	Screw	4

Box #	Item #	Ship Index #	Part Number	Item Description	Qty
2	63	MA001-02	2.098263.8	Screw	2
2	64	MA001-02	2.570894.9	Screw	2
2	65	MA001-02	2.520423.6	Washer	2
2	66	MA001-02	4.570865.7	Nut	2
2	67	MA001-04	4.570886.1	Air Pressure Reducer	1
3	1	MK002-10	323897-9	Impeller Kit S/W Pump Aux Diesel	1
3	2	MC006-00	548809-01	Intermediate Service Kit	2
3	3	MC006-01	548810-02	Major Service Kit	1
3	4	MC005-00	P168484	Valve Piston	1
3	5	EA002-00	2301-A1	Speed Control Unit	1
3	6	ER038-04	17864	Loudspeaker HP 8T	2
3	7	ER076-07	MD73HR	Tape Repeater	1
3	8	ER076-06	74880	Bearing Repeater Compass	1
4	1	MA001-04	4.570883.8	Air Starter, TDI Comp.	2
5	1	MA001-07	4.571063.9	Turbo Charger	1
5	2	MA001-09	2.534660.3	Fresh Water Pump, Main Diesel	1
6	1	MA001-05	4.800909.2	Salt Water Pump, Main Diesel	1
6	2	MA001-02	4.570086.2	Equipped Nozzle Holder Complete	12
6	3	MA001-02	4.588186.4	Fuel Feed Pump	1
6	4	MA001-05	2.561824.5	Belt Tensioner / Stretcher	1
6	5	MA001-05	4.110262.5	Thermostat Low Temp	1
6	6	MA001-05	4.521869.2	Bolt - for Tensioner	2
6	7	MA001-05	4.570982.1	Plug - Filler Cap	3
6	8	MA001-05	4.031652.0	Resistance 6000w Heater	1
6	9	MA001-06	2.571231.2	Expansion Joint	1
6	10	MA001-05	4.561875.0	Belt - narrow	4
6	11	MA001-05	4.570521.2	Belt - wide	4
7	1	MA013-00	9012 GAW -6 Q4	Thyristor PSI Switch	2
7	2	MH001-00	6006	Toilet Seat c//w Hardware	1
7	3	EH001-00	Omega LV754	Collection Tank High Level Switch	1
7	4	MF005-00	180B3046	Danfoss Centrifugal Process Pump	1
7	5	MF005-00	M182472A	Magnaloy Motor	1
7	6	MF005-00	DFH05ASS	1/2" High Pressure Hose Assembly	1
7	7	MF005-00	DFLP75ASS	3/4" Low Pressure Hose Assembly	1
7	8	MF005-00	9005-08-12-SS	Outlet Adapter 3/4" x 1/2"	1
7	9	MF005-00	9005-12-12-SS	Inlet Adapter 3/4" x 3/4"	1
7	10	MF005-00	68514447014	Lovejoy Pump Coupling	1
7	11	MF005-00	68514417858	Lovejoy Motor Coupling	1
7	12	MF005-00	68514411070	Neoprene Spider	1
7	13	EK005-00	CAD32BD	Relay 24V	2
7	14	EK005-00	CAD50BD	Relay 24V	3
7	15	EK005-00	CA2-DN31M6	Relay 220V	1
7	16	MA001-09	3TH2040-0BB4	Relay	2

Box #	Item #	Ship Index #	Part Number	Item Description	Qty
7	17	MA001-09	3RH1122-1BB40	Relay 24V	2
7	18	MF006-00	1015174	Membrane Adapter	8
7	19	MH001-00	100-81-5017	Toilet Vacuum Check Valve	10
7	20	MF002-00	50114/484301	Permeate Port	4
8	1	MA001-02	2.570582.8	Flex Line	2
8	2	MA001-03	2.534768.3	Flex Pipe	1
8	3	MA001-03	2.570737.4	Flex Line	1
8	4	MA001-10	2.537588.1	Flex Line	1
8	5	MA001-10	2.539212.9	Flex Line	3
8	6	MA001-10	2.098007.0	Flexible Pipe	4
8	7	MA001-10	2.097969.9	Flex Line	1
8	8	MA001-10	2.537603.8	Flex Pipe	1
8	9	MA014-00	2.600453.5	Bellows / Expansion Joint	1
8	10	MA001-02	505-000-14	Piping Bundle 4-5-6 & 7-8-9	2
8	11	MA001-02	505-000-15	Piping Bundle 1-2-3 & 10-11-12	2
8	12	MK002-12	2.097972.4	Flexible Pipe c/w Union	4
9	1	MF002-00	V9, V10 or 7435894004-44534	1/2 Pressure release valve, 60psi	1
9	2	MF002-00	V12 or 7435894004 44535	3/4 Pressure release valve 80 psi	1
9	3	MF002-00	V4 or 3140163 or 1001009	1/4 Relief Valve 1000 psi	1
9	4	MF002-00	JKP8300G68RU	½" 3 Way Brass Solenoid Ball Valve	1
9	5	MH005-00	S190D6A/F93	High Level Switch	1
9	6	MH005-00	5U3A01054	Horizontal Float Switch	1
9	7	MH003-00	70-647	3-Way Diverter Valve	1
9	8	ER034-02	SPT9011	Self Powered Telephone	1
9	9	HO009-01	1660710.002	Showerhead	4
9	10	EA003-00	RE0444R	Tachometer	1

5. KINGSTON Class Sparing Levels – Warehouses (Sample)

- 5.1. Each in-service support warehouse is stocked with approximately 6,000 line items, the bulk of which is for the KINGSTON Class.
- 5.2. The following table is a sample of the listing for each warehouse.
- 5.3. The full warehouse listing can be found at the links following the sample listing.

Note: The following table is provided for information only to show format and information categories. The complete listing can be found at the SharePoint site following this table.

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EC007-00	780442	FO Purifier Control Panel	F.O. Purifier - Control Panel	1	2
EC007-00	PH200CJ	Control XFMR 480/120V, 200VA	F.O. Purifier - Control Panel	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EC007-00	P2-3-CNA +H6+266	Disconnect Switch 3Ph. 30A	F.O. Purifier - Control Panel	1	2
EC007-00	DIL 00M/22	AC Magnetic Contactor 3P	F.O. Purifier - Control Panel	1	2
EC007-00	GMU2U	Circuit Breaker 1Ph. 2A	F.O. Purifier - Control Panel	1	2
EC007-00	RCP 11 3d 10 110 AC	Relay, 120VAC 3PDT	F.O. Purifier - Control Panel	0	0
EC007-00	SB 125 115 180S	Timer Relay, 120VAC off Delay	F.O. Purifier - Control Panel	1	2
EC007-00	800T- FXP16XD4	Illuminated Push/Pull Button	F.O. Purifier - Control Panel	1	4
EC007-00	CIA20	Fuse 20A, 600V, Form II	F.O. Purifier - Control Panel	3	16
EC007-00	CIA2	Fuse 2A, 600V, Form II	F.O. Purifier - Control Panel	2	8
EC007-00	CIA10	Fuse 10A, 600V, Form II	F.O. Purifier - Control Panel	4	20
EC007-00	800T-H2B	2 Position Selector Switch	F.O. Purifier - Control Panel	1	2
EC007-00	S271-K2	Circuit Breaker	F.O. Purifier - Control Panel	1	2

6. KINGSTON Class Sprung Levels – Warehouse (East - complete)

- 6.1. The complete East Coast warehouse listing was created from the current ISS MCDV Management Information System (SCPM – MCDV3E) – Stock / Analysis / All Stocked Parts / Search Criteria is Warehouse = “SNC-Lavalin East”.
- 6.2. There are 5,652 parts listed for SNC-Lavalin East.
- 6.3. The complete listing is found in Annex E1 East.

7. KINGSTON Class Sprung Levels – Warehouse (West - complete)

- 7.1. The complete West Coast warehouse listing was created from the current ISS MCDV Management Information System (SCPM – MCDV3E) – Stock / Analysis / All Stocked Parts / Search Criteria is Warehouse = “SNC-Lavalin West”.
- 7.2. There are 4354 parts listed for SNC-Lavalin West.
- 7.3. The complete listing is found in Annex E1 West.

Annex E1 East - Sparing Levels

The following table is a snapshot as of May 2019 and can change depending upon the operational needs of the RCN.

1. KINGSTON Class Sparing Levels – Warehouse (East - complete)

1.1 The following complete East Coast warehouse listing was created from the current ISS MCDV Management Information System (SCPM – MCDV3E) – Stock / Analysis / All Stocked Parts / Search Criteria is Warehouse = “SNC-Lavalin East”.

1.2 There are 5,507 parts listed for SNC-Lavalin East.

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA001-00	1416FMM600 (East Coast P/N)	Air Inlet Filter, 14in x 16in, FMM-600 Media Pads	Filtration Plus Limited	15	122
EA001-00	1CMI333-1	Exciting Generator Rotor		1	1
EA001-00	26/98	Isolator, ANR		3	15
EA001-00	2CMI428	Rotor Assembly		1	1
EA001-00	305U250P4 0151	Direct Diode	Jeumont Industrie	3	15
EA001-00	305UR230P4 9539	Direct Diode		1	3
EA001-00	305UR250P4 9806	Inverse Diode	Jeumont Industrie	3	15
EA001-00	6224/C3	NDE Bearing	SKF Canada Limited	1	4
EA001-00	FM M8	Isolator, for ANR type 1	Jeumont Industrie	6	26
EA001-00	R92-D100A3-007.3-11-X048-00X-4 feet	Bearing Temperature Probe - 4 feet	Jeumont Industrie	2	7
EA001-00	R92-D100A3-007.3-11-X126-00X-12 feet	Bearing Temperature Probe - 12 feet	Jeumont Industrie	1	5
EA001-00	R92-D100A3-007.3-11-X126-00X-8feet	Bearing Temperature Probe - 8 feet	Jeumont Industrie	2	8
EA001-02	RTDCAP-100A-2-P098-050-T-120	Winding Sensor	Jeumont Industrie	2	13
EA001-03	6328/C3VL2071	Deep Groove Ball Bearing - INSOCOAT - Drive End	SKF Canada Limited	2	11
EA001-04	2659	Compression Spring	Jeumont Industries	15	149
EA001-05	305U250P4 9805	Power Diode		1	4
EA001-05	305UR250P4 0149	Inverse Diode		2	11
EA001-05	4CM3361	Ballast Resistor		1	2
EA002-00	40665	Circuit Breaker	MERLIN GERIN	1	2
EA002-00	45576	Shore Connector Cct. Breaker (630A) (Trip Unit ST204SB)		1	1
EA002-00	50250	Additional Plate		1	2
EA002-00	50299	Insulation Monitor		1	2
EA002-00	2301-A1-9905-133	Speed Control Unit	Woodward	3	13
EA002-00	2301-A1-9905-133	Speed Control Unit	Woodward	1	2
EA002-00	2301-A1-9905-133	Speed Control Unit	Woodward	1	1
EA002-00	2301-A1-9905-133	Speed Control Unit	Woodward	1	1
EA002-00	243-02VG	Voltmeter 0-750 Volts red mark 600 volts	Crompton Instruments	1	4
EA002-00	256-PLLG	Synchro Prot. Relay	Crompton Instruments	1	2
EA002-00	4EM1299	Excitation Plate	Ferraz	1	2
EA002-00	711-39	XFRM 600v/100v, 10VA-c11-60Hz		1	2
EA002-00	BE1-51 GIG-Z1R-N	Time Overcurrent Prot.	Ferraz	1	2
EA002-00	BE3-32-3DC	Reverse Power Relay	BASLER ELECTRIC	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA002-00	C94739	Fuse 0.5A aM0.5A 660V 22mmx56mm (Motor Application)	Ferraz	1	3
EA002-00	D94234	Fuse 2A, 500V, gG 10mmx38mm	GOULD 16013-G	10	82
EA002-00	E94442	Fuse 6A, 690V, gG, 14mmx51mm	Ferraz	4	20
EA002-00	EN 5843B	Power Supply for RG492	Schneider Canada Inc.	1	2
EA002-00	EN 5843C	Power Supply/Power Converter for RG482/RG492	MERLIN GERIN	1	3
EA002-00	NW08H1-800A	600V MA Breaker, 800A	MERLIN GERIN	1	2
EA002-00	NW08N1-400A	450V EMER BREAKER, 400A	Schneider Canada Inc.	1	1
EA002-00	NW08N1-800A	450V MA/AUX BREAKER, 800A	MERLIN GERIN	1	2
EA002-00	NW20H1-1600A	600V DA Breaker, 1600A	SCHNEIDER	1	4
EA002-00	NW20H1-2000A	600V Propulsion Breaker, 2000A	Schneider Canada Inc.	1	2
EA002-00	PLMEP11	Load Sharing Plate - Card DA2		1	2
EA002-00	PLMEP11	Load Sharing Plate - Card DA2		1	1
EA002-00	Q94774	Fuse 20A, 500V/690V, gG, 22mmx58mm	Ferraz	6	30
EA002-00	Q94774	Fuse 20A, 500V/690V, gG, 22mmx58mm	Ferraz	1	2
EA002-00	RG20-050V	Voltage Regulator	Ferraz	1	2
EA002-00	RG492MC	Auto Synchronizer	Schneider Canada Inc.	1	2
EA002-00	RG492MC	Auto Synchronizer	Schneider Canada Inc.	1	2
EA002-00	RG492MC	Auto Synchronizer	Schneider Canada Inc.	1	1
EA002-00	STI 2P 15651	Fuse Switch, 32A, 500V, 3.5W (Merlin Gerin)		2	12
EA002-00	T093765	Fuse 6A, 690V, 22x58mm, aM (Motor Application)		8	44
EA002-00	T093765	Fuse 6A, 690V, 22x58mm, aM (Motor Application)		6	33
EA002-00	T093765	Fuse 6A, 690V, 22x58mm, aM (Motor Application)		1	3
EA002-00	Terminal Assembly	Terminal Assembly		1	2
EA002-00	TPB INS111	XFMR 600/115V 20VA	ALSTOM	1	2
EA002-00	XBC-D19704M12	Selector Switch	Ferraz	1	2
EA002-00	Y94252	Fuse 2A, 500V, aM, 10mmx38mm (Motor Application)	Ferraz	10	107
EA002-00	Z94736	Fuse 1A, 660V/690V, aM, 22 x 58mm	Ferraz	10	100
EA002-00	Z94736	Fuse 1A, 660V/690V, aM, 22 x 58mm	Ferraz	10	67
EA002-00	Z94736	Fuse 1A, 660V/690V, aM, 22 x 58mm	Ferraz	2	7
EA002-01	3797	Bulb, 24V, 2W. (757 LAMP)		10	69
EA002-01	18330	Signal Unit (Order Alt)	SCHNEIDER	10	65
EA002-01	288628	WAGO 280-628 Carrier Trm Blk 2con Front Ent		1	3
EA002-01	243-01AG	Ammeter 0/75mv dc, scaled 0/3.75amps	Crompton Instruments	1	4
EA002-01	243-01NG-NG**-BR	RPM meter, 10-0-10volts dc, scaled 1100-0-1100rpm	Crompton Instruments	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA002-01	243-01RG-HG	Volt Meter, scaled - 800/0/+800volts, red mark +740 & -740 volts	Crompton Instruments	1	2
EA002-01	243-01RG-HG**-1T-BR-SH	Kilowatt meter, scaled - 110/0/+970kw, red lined at 715kw	Crompton Instruments	1	3
EA002-01	243-01RG-HG**-BR-SQ	Amp Meter Scaled 0/50 Amps DC Red Marked @ 41 Amps	Crompton Instruments	2	8
EA002-01	243-01RG-HG**-SQ-BR	Voltmeter, scaled 0/600volts, red Line at 450v	Crompton Instruments	1	4
EA002-01	243-02AG	Ammeter, 0/6.25amps, scaled 0/1.5 KA	Crompton Instruments	1	3
EA002-01	252-PHUU	Under Frequency relay	MERLIN GERIN	2	8
EA002-01	252-PVHG	Over voltage relay	Crompton Instruments	1	2
EA002-01	252-PVHW	Over voltage relay	Crompton Instruments	1	3
EA002-01	252-PVUG-POBX-Z4-EB	Under voltage relay, input 115v L/N, 60/61 hertz (SUA145)	Bender	1	4
EA002-01	252-PVUU	Under voltage relay	Crompton Instruments	1	2
EA002-01	253-TVRG-ZDHG-C6-BD	VOLTAGE XDCCR	Crompton Instruments	1	2
EA002-01	256-TWMU-616860	TRANSDUCER 970 Kilowatts	CROMPTON	2	11
EA002-01	788-943	CURRENT XFMR (INS103)	MERLIN GERIN	1	2
EA002-01	788-944 INS103	CURRENT XFMR	Crompton Instruments	1	2
EA002-01	A9N15656	Fuse Holder	Schneider Canada Inc.	5	23
EA002-01	CA2-KN22G7	Control Relay	Schneider Canada Inc.	1	3
EA002-01	CCWCWS7286R100	POTENTIOMETER		1	3
EA002-01	G205626	Fuse 6A, 690V,gG, 14 x 51mm		10	61
EA002-01	H94238	Fuse 10A, 500V, gG, 10x38mm, ceramic		10	72
EA002-01	J81980	Fuse 1A, 500V, gG, 10 x 38mm, ceramic		10	70
EA002-01	LADN22	Auxiliary Contact	Schneider Canada Inc.	6	28
EA002-01	Q97511	Neutral Tube		10	61
EA002-01	Q97511	Neutral Tube		1	5
EA002-01	S221069	Fuse 20A, 690V, gG, 14 x 51mm		10	66
EA002-01	SP105	Bulb, 130V, 2.4W	Jentronics Limited	10	106
EA002-01	TA23	CURRENT TRANSFORMER		1	2
EA002-01	TMAC2D INS109	VOLTAGE XFMR		1	2
EA002-01	TPB INS108	VOLTAGE XFMR		1	3
EA002-01	TPB INS117	VOLTAGE XFMR		1	2
EA002-01	WK 4 TKM/U	Terminal Block		100	1700
EA002-01	Z94736	Fuse 1A, 660V, aM, 22 x 58mm		15	115
EA002-01	ZB2-BA3	Pushbutton Head, Green	Telemecanique	2	9
EA002-01	ZB2-BA5	Pushbutton Head, Yellow	Telemecanique	1	4
EA002-01	ZB2-BD2	Pushbutton Head	Telemecanique	2	8
EA002-01	ZB2-BV03	Signal Unit Head, Green	Telemecanique	1	5
EA002-01	ZB2-BV03	Signal Unit Head, Green	Telemecanique	1	2
EA002-01	ZB2-BV04	Signal Unit Head, Red	Telemecanique	4	19
EA002-01	ZB2-BV05	Signal Unit Head, Yellow (AMBER)	Telemecanique	4	19
EA002-01	ZB2-BV07	Signal Unit Head, Clear	Telemecanique	4	19
EA002-01	ZB2-BV7	Signal Unit Head	Telemecanique	2	7
EA002-01	ZB2-BV7	Signal Unit Head	Telemecanique	1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA002-01	ZB2-BZ103	Pushbutton, Switch	Telemecanique	3	15
EA002-02	B97521	Neutral Tube, 22 x 58		10	73
EA002-02	CA2 DN22X6	CONTROL RELAY, 600V	Telemecanique	1	2
EA002-02	F94236	Fuse		20	221
EA002-02	LA1-DN04	AUX CONTACT	Telemecanique	1	2
EA002-02	LP2-D0901BD	RELAY 24V		2	11
EA002-02	RHR418B	Off Delay Timing Relay	Schneider Canada Inc.	3	15
EA002-02	TMAC2D INS110	VOLTAGE XFMR		1	2
EA002-02	TPB INS112	VOLTAGE XFMR		1	1
EA002-03	40036	AUX CH CONTACTS		1	3
EA002-03	42902	AUX CH & TP IND CTS		1	2
EA002-03	43236	CCT BREAKER ASSY		1	2
EA002-04	252-PSFU	PHASE BALANCE RELAY	Crompton Instruments	1	3
EA002-04	252-PVKG-POBX-Z4-EB	UNDERVOLTAGE RELAY	Crompton Instruments	1	2
EA002-04	784-944	CURRENT XFMR (INS105)	Crompton Instruments	1	3
EA002-04	LADR2	Time Delay Aux Contact	EECOL Electric (Sask) Ltd.	6	27
EA002-04	ZB2-BV01	Signal Unit Head, White	Telemecanique	1	3
EA002-05	29266	Plug in Base -NS100-250	MERLIN GERIN	1	3
EA002-05	29268	Guide, Alignment set	MERLIN GERIN	2	8
EA002-05	29270	Pre Tripped Striker	MERLIN GERIN	1	3
EA002-05	29273	Fixed Connector for CB NS400N & NS630N	MERLIN GERIN	4	19
EA002-05	29321	Connector Cover	MERLIN GERIN	1	2
EA002-05	29390	NZ/SHT 24V DC, 5W, for CB NS400N & NS630N	MERLIN GERIN	2	8
EA002-05	29390	NZ/SHT 24V DC, 5W, for CB NS400N & NS630N	MERLIN GERIN	1	2
EA002-05	29434	MT100/160 220V Motor Operator	MERLIN GERIN	1	1
EA002-05	29450	Auxiliary Contacts for CB NS400N & NS630N	MERLIN GERIN	8	57
EA002-05	29451	OAL Adapter for TM/MA/NA Trip Unit	MERLIN GERIN	1	2
EA002-05	29713	NS100L 3P Without Trip Unit	MERLIN GERIN	1	2
EA002-05	32523	Moving Connection Block for CB NS400N & NS630N	MERLIN GERIN	5	23
EA002-05	32525	Moving Connection Block Plate for CB NS400N & NS630N	MERLIN GERIN	2	8
EA002-05	32561	NS Plug in Base	SCHNEIDER	1	2
EA002-05	32841	Motor Mechanism, MT630, for Circuit Breaker NS630N	MERLIN GERIN	1	1
EA002-05	39811	CCT Breaker (Operator) (OLD STYLE)	MERLIN GERIN	1	3
EA002-05	39811	CCT Breaker (Operator) (OLD STYLE)	MERLIN GERIN	1	2
EA002-05	42941	Fixed Block	MERLIN GERIN	1	2
EA002-05	42943	Moving Block	MERLIN GERIN	1	2
EA002-05	44737	CCT Breaker Assy	MERLIN GERIN	1	2
EA002-05	44817	Repair Plate, 600V Shore Breaker	Schneider	1	2
EA002-05	44900	Aux Contacts	MERLIN GERIN	1	2
EA002-05	468704	Support Plate for CB NS400N & NS630N	MERLIN GERIN	1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA002-05	C101L	Circuit Breaker C101-C161N/H/L, 220/240V, 60Hz	MERLIN GERIN	1	4
EA002-05	F-0405	Shore Power Breaker Assembly	SCHNEIDER	1	1
EA002-05	ZB2BZ21	Jog Switch	MERLIN GERIN	1	5
EA003-00	84233.11	Converter Model ILPH RS232/RS422		1	2
EA003-00	520460	Connector, Stake-on TN14-14		50	1050
EA003-00	01-018002-0	Thermoswitch		2	8
EA003-00	0115 283 17	terminal Block, M4/6TR, 4mm, 12awg		6	35
EA003-00	156PF18V5N12CR	Cable, ribbon, 5 core.		15	115
EA003-00	15-PIN	Connector, "D" 15 pin		2	12
EA003-00	2(M22759/16-14)TF	Cable, Black/Red, awg14/2cond.		8	56
EA003-00	25-2-86-02-100-080	Thermoswitch		1	5
EA003-00	2CA2292(8)	Water Leakage Detector		1	2
EA003-00	3357 6515	Connector Housing, (blue ribbon) 3M		2	7
EA003-00	3357 6525	Connector Housing, (Blue ribbon) 3M		2	7
EA003-00	3357 6537	Connector Housing, (blue ribbon) 3M		2	7
EA003-00	3659/15	Cable, round jacketed flat cable with shield		15	115
EA003-00	3659/9	Cable, round jacketed flat cable with shield		15	115
EA003-00	4N1N21/01/803	FDPS Interface PCB		1	1
EA003-00	751CN0285	Capacitor 22 µf 250v	Rubycon	2	8
EA003-00	91802-3	Cable, 3 conductor, red/white/black		30	530
EA003-00	96102-3	Cable, 3 conductor+grd, red/white/black		30	430
EA003-00	96103-3	Cable, Shielded, (10 pairs)		8	39
EA003-00	A94691	Fuse, 4A aM4A 660V 22mmx58mm P [Motor Application]	Ferraz	3	15
EA003-00	B16C4P-1	Contact, 4 pole		1	2
EA003-00	B16C-IRC	Motor Fan Contactor, 220-230v 50Hz, 230-240v 60Hz.	ABB	1	3
EA003-00	C94693	Fuse, 16A aM16A 690V 22mmx58mm P [Motor Application]	Ferraz	4	18
EA003-00	CPM21672EB5766	Micro-Console		1	2
EA003-00	D094487	Fuse 10A, 500V, 14 x 51mm, gG	Ferraz	6	26
EA003-00	DV130	Cable, W3, X10 4NIN21-A1-X5	Jeumont Industries	1	2
EA003-00	DV131	Cable, W7, X20 4NPR21-A1-X4	Jeumont Industries	1	2
EA003-00	DV133	Cable, W13, X13 TSVME410-A1_x4	Jeumont Industries	1	2
EA003-00	EWS-100-24	24V DC Power Supply		1	1
EA003-00	GA02-DV049	Heat Exchanger	Unifin	1	2
EA003-00	ITR-1-22D	Field Current Transducer (U6)		1	3
EA003-00	ITR-1-2XC	Speed Transducer (U5)		1	4
EA003-00	K94493	Fuse, 25A, 500V, 14mmx51mm P	Ferraz	4	20

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA003-00	L90515	Fuse, 1A, 250V FI 5mmx20mm	Ferraz	3	15
EA003-00	M0971	Electronic Fan (E3)	Emery Electric Ltd.	1	3
EA003-00	M22759/16-8 27478	Cable, stranded single core		15	165
EA003-00	M90516	Fuse, 1.25A, 250V FI 5mmx20mm	Ferraz	6	26
EA003-00	M93.N.0007	Firing Board (Power Bridge Control)		1	4
EA003-00	M93.N.0008	Speed Feedback Board		1	1
EA003-00	M93.N.0030	Overvoltage Protection Board		1	1
EA003-00	M93.N.0039	Ac DC Converter M1000		1	2
EA003-00	M93E0040	Controller, A1, one unit has 5 pcb's and one without PCB	Jeumont Industries	1	1
EA003-00	M93E0040	Controller, A1, one unit has 5 pcb's and one without PCB	Jeumont Industries	1	1
EA003-00	M93N0012	Power Converter, PRN41	Jeumont Industries	1	2
EA003-00	MFB MP 10/400	Capacitor, 10uF + or- 10%, 400v		1	3
EA003-00	MPE21	Condenser, 47uf, 2800V	Eurofarad	1	3
EA003-00	P94497	Fuse, 2A, 500V 14mmx51mm P (with indicator)	Jentronics Limited	1	5
EA003-00	P94497	Fuse, 2A, 500V 14mmx51mm P (with indicator)	Jentronics Limited	1	3
EA003-00	PC274	Power Supply (SCR UPS (EA007-00, ML-4637)		1	2
EA003-00	PC275DO	Transistor Driver	Jeumont Industries	1	3
EA003-00	PC319 MOD 2121	Inverter Control (SCR UPS (EA008-00, ML-4659)		1	2
EA003-00	PCS 690	Local Panel w Keypad		1	3
EA003-00	PLDA11/02/800	Thry Trigger Amp		1	1
EA003-00	PLM131/805 or M93.N.0006	Current Feedback Board		1	1
EA003-00	PLVK71/810 or M93.N.0005	Voltage Feedback Board		1	1
EA003-00	Q94659	Fuse, 20A, 660V, gI, 22mmx58mm P	Ferraz	2	12
EA003-00	Q94659	Fuse, 20A, 660V, gI, 22mmx58mm P	Ferraz	1	3
EA003-00	RE0444R	Tachometer	Troy Electric Sales	2	5
EA003-00	RE0444R	Tachometer	Troy Electric Sales	1	4
EA003-00	RR101 FMC	Thyristor cabinet thermostat, range -40 to 70 C	Schneider Canada Inc.	2	7
EA003-00	S94454	Fuse, 4A, aM, 500V, 14mmx51mm P [Motor Application]	Ferraz	2	8
EA003-00	SIRCO 2602 3210	Main Disconnecter		1	2
EA003-00	TA20.20.17	Thyristor	Jeumont Industries	4	18
EA003-00	TN14-38	Insulug, 16-14 wire, 3/8 stud		200	2073
EA003-00	TN14-516	Insulug, 16-14 wire, 5/16 stud		200	2500
EA003-00	TN14-6	Insulug, 16-14 wire, 4-6 stud		15	115
EA003-00	TRB1-2032	Brush Holder		2	9
EA003-00	TSVME120E-1	VME Processor		1	1
EA003-00	TSVME410	VME I/O Board		1	1
EA003-00	TSX SCA 50	Serial Link Connect		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA003-00	V94456	Fuse 6A, 500V, aM, 14 x51 mm (Ferraz 521 CPAM 14-6 with trip indicator)	Ferraz	4	18
EA003-00	VP02EM	Sensor, Level		1	4
EA003-00	VT7-001B-22	Transducer 0-1 ma DC	Jeumont Industries	1	2
EA003-00	VT7-001E-22Y43	Voltage Isolated Transducer 4-12-20 ma DC	Jeumont Industries	1	1
EA003-00	VT7-001E-22Y68	Transducer 0-50 ma DC	Jeumont Industries	1	2
EA003-00	X94458	Fuse 8A, 500V 14mmx51mm	Ferraz	3	15
EA003-00	X94665	Fuse, 50A, 690V 22mmx58mm P	Ferraz	4	19
EA003-00	XZ4S-VD-(0/150 C)-R1-P2-Y20-XH-XT1	K8/K9 Signal Conditioner (Alarm Trip)	Hathaway	2	8
EA003-00	Y300884	Fuse 600-700v (Used in matched pairs) for SCRs		2	12
EA003-00	YAEV8CL1	Insulug (stake-on) red, 105deg c max, 300v max.		10	96
EA003-00	YAEV8CL2	Insulug (red)		15	209
EA003-00	YAEV8CL3	Insulug (red) awg 8, 3/8 stud		20	231
EA003-01	20353.04	SCR Connection Interface, BFM.SUB 25M HR	Jeumont Industries	4	18
EA003-01	20354.05	SCR Connection Interface, BFM.SUB 37M	Jeumont Industries	1	2
EA003-01	20356.07	SCR Connection Interface, BFM.SUB 9F HR	JHT Electronics	6	28
EA003-01	20359.12	SCR Connection Interface, BFM.SUB 37F HR	Enterterc	1	2
EA003-01	5T03-EEXX-R8T9	T1 Transformer	Jeumont Industrie	1	5
EA003-01	CPF111 or M93.N.0003	Setting Board		1	2
EA003-01	DV007	Fuse 50A, 690V, gG, 22 x 58mm, ceramic		8	44
EA003-01	DV008	Fuse 1A/2A, 1500Vdc, 2500Vac, 13/16" x 5"		10	65
EA003-01	DV047	Fuse 4A, 690V, aM, 22 x 58mm		10	91
EA003-01	KC6-31-Z+RD7/250	Relay + Diode (Surge Suppressor) Contactor 24 VDC Coil K22, K23		2	9
EA003-01	LV429005	NSX100L Compact Unit W/O Trip Unit	Schneider Canada Inc.	1	5
EA003-01	LV429034	TM40D Trip Unit	Schneider Canada Inc.	1	5
EA003-01	M93.N.0010	Motor Field Converter	ALSTOM Canada Inc.	1	3
EA003-01	M93.N.0013	Power Bridge Leg (PRN 41)		1	1
EA003-01	PLRGXA111/805 or M93.N.0002	Field Control Board		1	1
EA003-01	S223K0.511	Micro Breaker (Q4)		1	2
EA003-01	V112BB60	Varistor 1100V	Llitlefuse	2	7
EA003-01	X95263	Fuse 50A, 660V/690V, 22mm x 58mm		8	43
EA003-02	26990021	Main Disconnecter	ALSTOM	1	3
EA003-02	B093772	Fuse 5amp 500v		2	12
EA003-02	B9C-IRC	Contactor C/W 208V Coil (K1 > K4)	ABB INDUSTRIE SNC	1	2
EA003-02	BSR 2024-6	DC/DC Converter, input 19-45vdc, output 24vdc, 0.84amp		1	2
EA003-02	BSR 2024-7R	DC-DC Converter, input 16-38vdc, output 24vdc, 0.84amp		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA003-02	CBK-PMP6R	Mushroom Actuator, c/w holder		1	3
EA003-02	D094441	Fuse 2A, 500V		2	12
EA003-02	DV032	Fuse 6A, 500V, aM, 14 x 51mm		10	60
EA003-02	DV044	Fuse 10A, 500V, aM, 14 x 51mm		10	60
EA003-02	DV046	Fuse 32A, 690V, aM, 22 x 58mm		8	38
EA003-02	DV050	Fuse 8A, 500V, aM, 14 x 51mm		10	60
EA003-02	DV051	Fuse 4A, 500V, am, 14 x 51mm		10	60
EA003-02	EPROM FCCNP V5.02 D19	EPROM VME/FDPS FCCN		1	3
EA003-02	EPROM FCCNP V5.02 D21	EPROM VME/FDPS FCCN	Jeumont Industries	1	3
EA003-02	EPROM MCDV V01.04A U46	EPROM VME/FDPS FCCN	Jeumont Industries	1	3
EA003-02	EPROM MCDV V01.04A U57	EPROM VME/FDPS FCCN	Jeumont Industries	1	3
EA003-02	EPROM MCDV V01.04A U78	EPROM VME/FDPS FCCN	Jeumont Industries	1	3
EA003-02	EPROM MCDV V01.04A U65	EPROM VME/FDPS FCCN	Jeumont Industries	1	3
EA003-02	G094444	Fuse 10amp 500volt		2	12
EA003-02	ITR-1-2XD	Armature Current Transducer (U7/U8)		1	3
EA003-02	J094768	Fuse 4A, 500V, gG, 22 x 58mm		2	12
EA003-02	PT100	Temperature Gauge Converter, 0/200 degrees C		2	5
EA003-02	S262-B10	Micro Breaker (Q12)		1	2
EA003-02	S282-Z2	Circuit Breaker (Q13)		1	2
EA003-02	V094778	Fuse 50amp 500volt		2	12
EA003-02	XZ4S/VD/R1/P2/Y2 0/XH	Rest Bulb Alarm TX		1	2
EA003-02	XZ4S/VD/R2/A1/P2/Y22/XH-XT1	K6/K7 Resistance Bulb Alarm TX		1	2
EA003-02	Z093770	Fuse 32A 500V		2	12
EA004-00	10683470	Brush 20X32X50 MM (Drawing Number 100 112 105 033 C)	Schunk Kohlenstofftechnik GmbH	20	228
EA004-00	2CA2287 (3)	Flexible Coupling		1	4
EA004-00	2CA2292 (6)	Zinc anode (with Stainless steel nut)		2	12
EA004-00	6332 MC3	Bearing, Ball		2	5
EA004-00	FMM600	Filter Media (42 x 100")	Filtration Plus Limited	6	28
EA004-00	Knob	Knob, Locking		1	2
EA005-00, MA005-00	Anode L	Anode (large) 3/4 x 7"		8	52
EA005-00, MA005-00	Thermostat	Propulsion Motor Thermostat Overdrive Valve		1	2
EA006-00	65340	Heatsink		1	2
EA006-00	195G20	Choke		1	2
EA006-00	2210-S222-N1M1-H0-8A	CCT Breaker, 8 Amp		2	11
EA006-00	2210-S222-N1M1-H0-8A	CCT Breaker, 8 Amp		1	2
EA006-00	2210-S222-N1M1-H0-8A	CCT Breaker, 8 Amp		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA006-00	27L6013S	Capacitor, 5uf, 660v, +/- 0.6%, 50/60Hz	GE	1	2
EA006-00	27L6023S	Capacitor, 30uf, 660v, +/- 0.6%, 50/60Hz	GE	1	2
EA006-00	27L6037	Capacitor (C3), 35uf, 660vac 70 deg C, 60Hz	Electrotek	2	12
EA006-00	30VK6	EMI Filter		1	2
EA006-00	37FB4410	Capacitor		1	3
EA006-00	37FD3715	Capacitor		1	2
EA006-00	5051-6105K	Capacitor		1	3
EA006-00	5108-0290-076	Transformer 220V - 6.3V		1	2
EA006-00	7361K5	Toggle Switch 20A 125V		1	3
EA006-00	7BTL3A-13	Temperature Switch		3	15
EA006-00	8340-F120-P1M2-B2H0	Circuit Breaker 30A		2	9
EA006-00	93J50R	Resistor		1	3
EA006-00	A-13338 REV 2	Choke		1	2
EA006-00	A-13380 REV.3	Transformer, 115V, single phase, 1.9KVA		1	2
EA006-00	A-13433 REV 0	Choke Common Mode		1	2
EA006-00	A-13444 REV 0	Resistor Assembly 27K 10W		1	2
EA006-00	A50P25-1	Fuse 25A, 500V, 9/16 x 2", Semiconductor protection fuse	Gould Shawmut	10	104
EA006-00	AGC-1 (Use 2nd ALT)	Fuse 1A, 250V, QB, 1/4 x 1 1/4", glass tube		10	94
EA006-00	AGC-2	Fuse 2A, 250V, FB, 1/4 x 1 1/4", glass tube	NEDCO-Division of Westburne	10	76
EA006-00	AGC-3	Fuse 3A, 250v, FB, 1/4 x 1 1/4", glass tube		8	46
EA006-00	AGC-30	Fuse 30A, 32V, QB, 1/4 x 1 1/4", glass tube	NEDCO-Division of Westburne	10	60
EA006-00	B125Y54	Capacitor		1	5
EA006-00	C21DE244XO	Capacitor		1	2
EA006-00	CGS602T250X5L	Capacitor		1	2
EA006-00	CM100DY-12H	IGBT, Inverter Power Transistor		2	9
EA006-00	CS241250	Diode Module 50A		1	2
EA006-00	FDS100AA60	Diode Module		1	2
EA006-00	KRPA-11AY-240	Relay 240V AC		1	2
EA006-00	KRPA-5AY-120	Relay 5A 120V		1	2
EA006-00	LT200-S	Current Sensor		1	2
EA006-00	ME500806	Diode Bridge		1	2
EA006-00	PW5	Resistor .27 Ohms 5W		1	3
EA007-00	ML-4481 (S)	Snubber Board PC300 AO(S)		1	1
EA007-00	ML-4567	Overload Sensor Board (PC68-CO) AKA Over Current		1	2
EA007-00	ML-4639	Alarm & LED Board (PC335-AO)		1	1
EA007-00	ML-4658	UPS Battery Charger PCB (PC356AO)	I E Power Inc.	1	2
EA007-00	ML-4658	UPS Battery Charger PCB (PC356AO)	I E Power Inc.	1	2
EA007-00	ML-4658	UPS Battery Charger PCB (PC356AO)	I E Power Inc.	1	2
EA009-00	Lock	MCR Panel Locking Handle		1	3
EA009-00	W006830261	Switch Rotary (KS1, KS2)	Troy Electric Sales Service Ltd.	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA009-00	W006912084	RPM Controller		1	2
EA009-00	W006915734	Switch		1	2
EA009-00	W006915736	Switch, Pushbutton		1	2
EA009-00	W006915737	Switch, DBL PB		1	3
EA010-00	W006830260	Switch, Rotary		1	2
EA010-00	W006895925	Azimuth Indicator		1	4
EA010-00	W006900689	RPM Indicator	Wartsila Canada Inc.	1	2
EA010-00	W006901236	Light Bulb, Pushbutton	Jentronics Limited	10	95
EA010-00	W006901238	Light Emitting Diode, Green		2	12
EA010-00	W006901238	Light Emitting Diode, Green		1	3
EA010-00	W006901239	Light Emitting Diode, Red		6	26
EA010-00	W006901239	Light Emitting Diode, Red		1	5
EA010-00	W006901239	Light Emitting Diode, Red		1	3
EA010-00	W006901240	Light Emitting Diode, Yellow		3	15
EA010-00	W006901518	Indicator Lamps		10	68
EA010-00	W006901518	Indicator Lamps		1	3
EA010-00	W006907766	Alarm Buzzer		1	5
EA010-00	W006912289	Speed Potentiometer (instrumentation), combilever		1	2
EA010-00	W006912307	Dimmer	Wartsila Canada Inc.	1	3
EA010-00	W006912312	RPM Potentiometer		1	2
EA011-00	03-617.011	Push Button Switch, EAO LPB MOM BLK SLVR SCRW BV	EAO	2	11
EA011-00	FS1022	Heater240v 350w		1	2
EA011-00	W006901241	LED, Green		1	3
EA011-00	W006901242	LED-Armature, Red		1	5
EA011-00	W006901242	LED-Armature, Red		1	3
EA011-00	W006901243	Led, Yellow		2	7
EA012-00	ARN T161-013	Replacement Bellows (rubber boot)	Wesco Distribution Inc.	2	10
EA012-00	W006924643	Unit Handle		1	1
EA013-00	HPR1018	Program chip for W006927795 rev 1		2	7
EA013-00	HPR418	Program chip for W006927795 rev 0		2	7
EA013-00	P4504 S0060	Potentiometer, 10K, +/- 0.075% (Feedback)	Indus Electronics	2	12
EA013-00	T003002807	Potentiometer, 10K, +/- 0.075% (Feedback)	Indus Electronics	3	15
EA013-00	T003002807	Potentiometer, 10K, +/- 0.075% (Feedback)	Indus Electronics	2	8
EA013-00	T003002807	Potentiometer, 10K, +/- 0.075% (Feedback)	Indus Electronics	1	5
EA013-00	W006902214	Relay RHZ 21	Telemecanique	1	2
EA013-00	W006902304	Autofuse		6	28
EA013-00	W006902306	Autofuse		15	132
EA013-00	W006902368	BUS GDB2		8	41
EA013-00	W006902369	Fuse 0.25A, 250V, QB, 5 x 20mm		15	161
EA013-00	W006902380	Fuse 1A, 250V, QB, 5 x 20mm		8	42
EA013-00	W006902386	Fuse 1.6A, 250V, SB, 5 x 20mm, glass tube		6	26
EA013-00	W006902387	Fuse 0.16A		4	20
EA013-00	W006907712	Relay 24Vdc	Jentronics Limited	1	3
EA013-00	W006907771	Relay		1	2
EA013-00	W006927716	Circuit Board, PU		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA013-00	W006927728	Card, Print ISI Module (Isolator Input)	Wartsila Propulsion Thrusters BV	2	5
EA013-00	W006927732	Circuit Board, PPM	Wartsila Canada Inc.	1	2
EA013-00	W006927732	Circuit Board, PPM	Wartsila Canada Inc.	1	2
EA013-00	W006927757	Circuit Board, VCM	Wartsila Canada Inc.	1	1
EA013-00	W006927795	Circuit Board, LMP	Wartsila Canada Inc.	1	2
EA013-00	W006927795	Circuit Board, LMP	Wartsila Canada Inc.	1	1
EA013-00	W006927797	Circuit Board, TFI		1	2
EA013-00	W006927800	Circuit Board, FTI		1	1
EA014-00	20544	Circuit Breaker		1	2
EA014-00	20545	CCT Breaker		1	2
EA014-00	302454-03	A2 Snubber Board	JHT Electronics	2	9
EA014-00	ABR-1E418B	Relay, 24V		1	3
EA014-00	ABR-1S102B	Relay, 24V		2	7
EA014-00	ABR-1S402B	Relay, 24V		2	8
EA014-00	ABR-1S602B	Relay, 24V		1	4
EA014-00	DP371-PIC1	Indicator, Temp		1	2
EA014-00	LA4-DC1U	Rectifier Diode		2	8
EA014-00	PCB302394	A1 Control Card, Bat. chgr crt1, 3Phase, 24vdc	JHT Electronics	1	2
EA014-00	PCB302394	A1 Control Card, Bat. chgr crt1, 3Phase, 24vdc	JHT Electronics	1	2
EA014-00	PCB302394	A1 Control Card, Bat. chgr crt1, 3Phase, 24vdc	JHT Electronics	1	2
EA014-00	PCB302394	A1 Control Card, Bat. chgr crt1, 3Phase, 24vdc	JHT Electronics	1	2
EA014-00	TSX 17 ACC5	Unitelway Adaptor		1	2
EA014-00	TSX BLK 4	32 Way Terminal Block		1	2
EA014-00	TSX BLK1	Terminal Block (24)	Jeumont Industries	1	2
EA014-00	TSX DET 3242	Digital Input Module - 32 Isol Inputs 24VDC	Schneider Canada Inc.	1	2
EA014-00	TSX MAP 1074	Mapway Module E		1	1
EA014-00	TSX P67 420	Processor Module		1	2
EA014-00	TSX RKN 82W11	Basic Rack		1	1
EA014-00	TSX SCM 2146	Com Module RS 422A or RS485/Unitel		1	2
EA014-00	TSX SUP 61	Power Supply		1	1
EA014-00	ZB2-BE101	Auxiliary Contact		2	13
EA014-00	ZB2-BS54	Switchhead, Rd		3	15
EA014-00	ZB2-BW064	Switch Base (pushbutton)		2	8
EA014-02	ZB2-BA4	Pushbutton, Red		1	3
EA014-02	ZB2-BD2	Switch Head, Black		1	4
EA014-02	ZB2-BW034	Pushbutton Head, Red		5	23
EA014-02	ZB2-BW034	Pushbutton Head, Red		1	2
EA014-02	ZB2-BW063	Pushbutton Switch, Body		1	4
EA014-02	ZB2-BW065	Pushbutton Switch, Body		2	8
EA014-02	ZB2-BZ1036	PB Switch Body		1	4
EA014-02	ZB2-BZ105	Switch Base (Pushbutton)		1	5
EA014-02	ZB2-BZ106	Switch Base		1	5
EA014-03	15775	Fuse 2A 500V 10X38mm type gI		50	1050
EA014-03	TSX 172 4012	Programmable Controller	Mackay Communications Canada Inc.	1	1
EA014-04	8540-1235	3000 RPM Tachometer (redline @ 1824 rpm)	Diesel Injection Sales	1	3
EA015-00	4.198350.4	A/B Row Exhaust Temperature Indicator 0-750 Degrees	Wartsila Canada Inc.	1	1

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA015-00	8502-9000	Power Card for Unidirect Board (UD 23 & 19)	Prime Mover Controls	1	3
EA015-00	8502-9014-38	Unidirect Board (UD23)	Prime Mover Controls	2	7
EA015-00	MS.S2u	Phase Winding Temp. Transducer 0-200C/4-20mA/24Vdc	CMR/Jeamont Industrie	1	3
EA015-00	MS3106A12S-3S	Cannon Straight Plug (Governor) c/w 10ft Cable		5	23
EA015-00	MS3106F10SL-4S	Cannon Straight Plug (GOVERNOR)	Emery Electric	1	3
EA015-00	MS3108E10SL-4S	Cannon 90 degree Plug	Emery Electric	5	23
EA015-00	MS3108E10SL-4S	Cannon 90 degree Plug	Emery Electric	1	3
EA015-00	TSX DEF 812	Programmable Controller	Schneider Canada	1	2
EA016-00	DCMX373U040BD2 B	Capacitor, 37,000uF, 40vdc	Mallory	2	8
EA016-00	D-L002RD-P-A	Led, Red		6	30
EA016-00	D-N120AM-C	Neon Lamp, Amber		2	11
EA016-00	D-N120GR-C	Neon Lamp, Green		3	16
EA016-00	D-N120RD-C	Neon Lamp, Red		2	8
EA016-00	DR380-02001	Diode		1	3
EA016-00	DS0400-17H	SCR, 400V		2	8
EA016-00	DV0040-013D	Varistor, 40V		1	3
EA016-00	FMDA005250B	Fuse 5A, 250V, TD, 1/4 x 1 1/4", ceramic		10	60
EA016-00	LPJ-100SP	FUSE, 100A, 600VAC/300VDC or less, Low-Peak	Computer Power Inc	2	12
EA016-00	Q2L2100	CCT Breaker, 100 Amp		1	4
EA016-00	Q2L2200	CCT Breaker, 200 Amp		1	4
EA016-00	QOU210	CCT Breaker, 10 Amp		1	4
EA016-00	QOU215	CCT Breaker, 15 Amp		1	4
EA016-00	QOU220	CCT Breaker, 20 Amp		1	4
EA016-00	REC-C2024HA	Resistor, 0.5W, 2.4K		6	30
EA016-00	RLS5024D250	Relay, SPST 24 VDC (K2) (3 units are coil only)		1	5
EA016-00	SW121A-137	Solenoid Switch (relay)	Troy Electric Sales	6	26
EA016-00	SWT-DD006H	Switch, Toggle DPDT 6A@125v		1	2
EA016-00	SWT-SD006H	Switch, Toggle		1	2
EA016-00	SWT-TD006H	Switch, Toggle		1	2
EA016-00	TSX AEM1602	ANALOG I/P MODULE	Computer Power Inc	1	1
EA016-00	XF-CH112015	Choke, Filter 500UH		1	2
EA018-00, EA019-00	256TD	Electric Motor, Baldor 20hp, 575v, 19.1amp, 1760rpm	Baldor	1	1
EA018-00, EA019-00	256TD	Electric Motor, Baldor 20hp, 575v, 19.1amp, 1760rpm	Baldor	1	1
EA018-00, EA019-00	256TD	Electric Motor, Baldor 20hp, 575v, 19.1amp, 1760rpm	Baldor	1	1
EA018-00, EA019-00	BG6208B03	Bearing, OCE, type 6208 (front)	Baldor	1	2
EA020-00	356961	4-L CLTV DET. MDL		1	2
EA020-00	366207	16 Output Control MDL		1	2
EA020-00	368030	Re-06 Smoke Det. Tester	M006/FRA(2) MERLIN GERIN	1	2
EA020-00	397700	MSTR Processor MDL		1	2
EA020-00	397904	FCTN Control Processor MDL		1	2
EA020-00	403199	4-ckt Alarm Horn Module		1	2
EA020-00	403270	Operator Control Console, Type B2Q 130		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA020-00	414609	1-L Adrs DET MDL		1	2
EA020-00	463773	Dual Modem V28		1	2
EA020-00	470931	Master Control MDL		1	2
EA020-00	11-11517-A2	Position Sensor		1	3
EA020-00	145 758	Fuse 1A, 250V, SB, 1/4 x 1 1/4"		8	42
EA020-00	145 790	Fuse 1.6A Slow Blow		6	34
EA020-00	175-111222	Terminal Block #7, TB7	D & L Eng Sales Ltd.	1	2
EA020-00	319652-C	Flat Cable Harness		1	2
EA020-00	403649.1-001	Power Supply AC/DC (Superceded by Item codes: 0056, 0057, 0058 & 0059 as a set)		1	4
EA020-00	500-033050	Zone Indicating Card	D & L Eng Sales Ltd.	1	2
EA020-00	500-033090	Loop Card, DLC	D & L Eng Sales Ltd.	2	7
EA020-00	500-033150	Output Control Module OCM-16	D & L Eng Sales Ltd.	3	15
EA020-00	500-033170	Line Isolator, HLIM	D & L Eng Sales Ltd.	5	22
EA020-00	500-033240	Network Interface Card, NIC-C	D & L Eng Sales Ltd.	1	2
EA020-00	500-033250	CRC-6 Form 'C' Relay	D & L Eng Sales Ltd.	1	3
EA020-00	500-033290	Fireprint Detector M/N HFP-11 (SMOKE)	D & L Eng Sales Ltd.	8	45
EA020-00	500-033340	PSC-12 Final Assy	D & L Eng Sales Ltd.	1	1
EA020-00	500-033370	Single Input Monitor Module - HTRI-S	D & L Eng Sales Ltd.	8	40
EA020-00	500-033380	Thermal Detector M/N HFPT-11	D & L Eng Sales Ltd.	8	52
EA020-00	500-033380	Thermal Detector M/N HFPT-11	D & L Eng Sales Ltd.	1	2
EA020-00	500-033420	Remote Network Interface - RNI	D & L Eng Sales Ltd.	1	2
EA020-00	500-034000	Mini Single Input Module, HTRI-M	D & L Eng Sales Ltd.	1	5
EA020-00	500-034120	12A Power Supply M/N PSX-12	D & L Eng Sales Ltd.	1	2
EA020-00	500-034150	Manual Station Single Action, HMS-SA	D & L Eng Sales Ltd.	8	39
EA020-00	500-034160	System Person Machine Interface (DISPLAY)	D & L Eng Sales Ltd.	1	2
EA020-00	500-034200	Conventional Detector Card, CDC-4	D & L Eng Sales Ltd.	1	3
EA020-00	500-045548	CDT-135RX	D & L Eng Sales Ltd.	2	7
EA020-00	500-095687	Detector Base, DB-11C	D & L Eng Sales Ltd.	15	115
EA020-00	500-240226	Thermal Printer Paper Roll - IFDMS	D & L Eng Sales Ltd.	4	18
EA020-00	500-620499-C	Pull Station Back Box, MC- 5	D & L Eng Sales Ltd.	6	33
EA020-00	500-633012	Mounting Plate M/N CAB- MP	D & L Eng Sales Ltd.	1	4
EA020-00	500-633028	Single Blank Plate (Inner)	D & L Eng Sales Ltd.	1	2
EA020-00	500-633037	Cardcage, Model CC-5	D & L Eng Sales Ltd.	1	4
EA020-00	500-634212	Mounting Plate M/N REMBOX4-MP	D & L Eng Sales Ltd.	1	3
EA020-00	500-634776	Mounts Modules PMI/LVM M/N MPF-RK	D & L Eng Sales Ltd.	1	2
EA020-00	500-634879	24" Cable, PSC-CBL-24	D & L Eng Sales Ltd.	1	3
EA020-00	500-637073	Detection Interface, MTL5061	D & L Eng Sales Ltd.	1	1
EA020-00	500-648670	(8) NAC Zone Card, ZIC- 8B	D & L Eng Sales Ltd.	1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA020-00	500-650062	Mounting bracket, RNI-CAB-BKRT	D & L Eng Sales Ltd.	1	2
EA020-00	500-650066	Global PMI Upgrade Kit, GPMI-UK	D & L Eng Sales Ltd.	1	2
EA020-00	500-695622	Detector Seal, DB11-SEAL (NEW)	D & L Eng Sales Ltd.	15	157
EA020-00	500-821790	Aux. Control Relay MDL		1	2
EA020-00	500-846766	GND FAULT DET MDL		1	2
EA020-00	500-849949	Brackets for TSP-40A	D & L Eng Sales Ltd.	1	2
EA020-00	500-849950	Cables for TSP-40A, TSP-XC	D & L Eng Sales Ltd.	1	2
EA020-00	500-887690	Aux. Control Relay MDL		1	2
EA020-00	500-896446	Mounting Plate, MPI-2	D & L Eng Sales Ltd.	1	5
EA020-00	5395-00-812-6799	Shore Monitor, O/P Jack		1	1
EA020-00	555-135860	60 Pin Cable, EXTRA-LONG CABLE	D & L Eng Sales Ltd.	1	3
EA020-00	599-633997	60 Pin Cable, BCL	D & L Eng Sales Ltd.	1	2
EA020-00	A27021-000-190	Horizontal Heat Detector, Detect-a-Fire	D & L Eng Sales Ltd.	1	5
EA020-00	AB 800T-FXNP16XA7	Illum P/P Button		1	2
EA020-00	AB 800T-N159G	Green Lens		1	4
EA020-00	AB 800T-N26G	Green Lens		1	4
EA020-00	AB 800T-N26R	Red Lens		1	4
EA020-00	AB 800T-N65	Lamp 6VAC		1	4
EA020-00	AB 800T-P16	Pilot Light		1	2
EA020-00	FUSE 6.3A	Fuse 6.3A, 250V, SB, 5 x 20mm, glass tube		10	60
EA020-00	FUSE 6.3A	Fuse 6.3A, 250V, SB, 5 x 20mm, glass tube		2	7
EA020-00	GLD GCM4	Fuse 4A, 125V, QB, 5 x 20mm, glass tube		1	3
EA020-00	GMA 5	Fuse 5A, 250V, QB, 5 X 20MM, glass tube		8	48
EA020-00	GMA 5	Fuse 5A, 250V, QB, 5 X 20MM, glass tube		2	10
EA020-00	GMA 5	Fuse 5A, 250V, QB, 5 X 20MM, glass tube		1	3
EA020-00	HBL1222PL	BRYANT Red Pilot Light 2 Pole Switch (Fire Damper Switch)	NEDCO-Division of Westburne	2	7
EA020-00	IFDMS001	Shore Connection Cable (300 ft) 14 AWG 4/C, 300V	D & L Eng Sales Ltd.	1	2
EA020-00	M22S-D-B-S/K10	Lamp Test Contact Model (Pushbutton)	D & L Eng Sales Ltd.	1	2
EA020-00	MLTRK-WS-S/K01	Pushbutton		1	2
EA020-00	MW1R-S/K20	Switch		1	2
EA020-00	RE-6T	Heat Detector Tester		1	2
EA020-01	01-143	Modem Module RS-232		1	2
EA020-01	515-046727	Mimic Display Driver Module		1	2
EA020-02	414052	Mains Single XFMR		1	2
EA020-02	414065	Mains Dual XFMR		1	2
EA020-02	496300	Power Supply Surge Protection		2	10
EA020-02	500-645527	Line End Terminator		4	20
EA020-02	FUSE 10A	Fuse 10A, 125V, FB, 5x20mm, glass tube		4	20
EA020-02	FUSE 8A	Fuse 8A, 125V, QB, 5 x 20mm, Glass Tube		10	85

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA020-02	GPAG-24	Fire Door Holdback		2	9
EA020-02	MWIR-S/KCO01/I	Release Pushbutton		1	2
EA021-00	424288	Isolator Module	D & L Eng Sales Ltd.	1	2
EA021-00	004483-001	UV Test Lamp	D & L Eng Sales Ltd.	1	2
EA021-00	180-045415	Alarm Bell 24 VDC .03A	Troy Life and Fire Safety	2	8
EA021-00	190-146354 or 190-147097	Electric Horn 24 VDC	D & L Eng Sales Ltd.	2	10
EA021-00	200Z-24	Red Strobe Light (4 wire)	D & L Eng Sales Ltd.	1	2
EA021-00	300GC-024	Electric Siren	D & L Eng Sales Ltd.	1	2
EA021-00	B8T14-8L2 P2	Temperature Sensor	D & L Eng Sales Ltd.	1	5
EA021-00	B8T14-8L2 P2	Temperature Sensor	D & L Eng Sales Ltd.	1	3
EA021-00	B8T14-8L2 P2	Temperature Sensor	D & L Eng Sales Ltd.	1	2
EA021-00	B8T14-8L2 P2	Temperature Sensor	D & L Eng Sales Ltd.	1	2
EA021-00	UVFD-2	UV Flame Detector	D & L Eng Sales Ltd.	1	2
EA022-00	DILER-31-GI	24VDC Relay		1	2
EA022-00	RDK-X-S/K10	Pushbutton	Klockner Moeller	1	2
EA022-00	RLF-WS-S/F1	White Pilot Light	Klockner Moeller	1	2
EA023-00	441.03646	Fuse 1A, 250V, QB, 5 x 20mm		8	39
EA023-00	441.03661	4A Quick Blow Fuse 4A 250V 5x20mm		8	49
EA023-00	441.03679	Fuse 5A, 250V 5x20mm, Quick Blow DIN41571 Fast Acting	WICKMAN	10	63
EA023-00	441.54417	Fuse 2.5A 250V Quick Blow 5x20mm DIN41661	WICKMAN	2	10
EA023-00	20125027	Intcon. Board		1	2
EA023-00	20126009	Distribution Unit		1	2
EA023-00	20126611	Power Supply Board		1	2
EA023-00	20126678	Dual Analog Board		1	2
EA023-00	20126736	Screen Termination Board		1	2
EA023-00	20169199	Auto Pilot Control Unit		1	2
EA023-00	441.54417*	Fuse 2.5A, 250V, Quick Blo, 5 x 20mm		8	39
EA023-00	AGC-1	Fuse 1A, 250V, FB, 1/4 x 1 1/4", glass tube	BUSS	6	26
EA023-00	AGC-3	Fuse 3A, 250V, FB, 1/4 x 1 1/4", glass tube	BUSS	6	34
EA024-00	DL1-CE024	Bulb 24V 2.6W	Telemecanique	8	51
EA024-00	LSTD-6G	Green LED lamp, 6V	IDEC	8	42
EA024-00	LSTD-6R	Red LED lamp, 6V	IDEC	8	49
EA024-00	LSTD-6S	Blue LED lamp, 6V	IDEC	2	9
EA024-00	LSTD-6W	White LED lamp, 6V	IDEC	4	20
EA024-00	LSTD-H2A	Amber LED lamp, 120V	IDEC	6	32
EA024-00	LSTD-H2G	Green LED lamp, 120V	IDEC	8	54
EA024-00	LSTD-H2R	Red LED lamp, 120V	IDEC	10	91
EA024-00	LSTD-H2S	Blue LED lamp, 120V	IDEC	15	120
EA024-00	LSTD-H2W	White LED lamp, 120V	IDEC	10	102
EA024-00	LSTD-M4W	LED Lamp, White, AC 230V/240V	IDEC	5	24
EA024-00	XVL-A233	Pilot Light Green	Telemecanique	5	22
EA024-00	XVL-A234	Pilot Light Red	Telemecanique	3	15
EA024-00	XVL-A234	Pilot Light Red	Telemecanique	1	3
EA024-00	ZB2-BA2	Pushbutton Head, Black		2	9
EA024-00	ZB2-BA5	Pushbutton Head, Yellow		1	2
EA024-00	ZB2-BV006	Signal Unit Head, Blue		1	2
EA024-00	ZB2-BW033	Pushbutton, Green		1	5
EA024-00	ZB2-BW035	Pushbutton, Yellow		1	4
EA024-04	LSTD-2A	Amber, 24V, LED Lamp	IDEC	15	115

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA024-04	LSTD-2G	Green, 24V, LED Lamp	IDEC	15	124
EA024-04	LSTD-2R	Red, 24V, LED Lamp	IDEC	15	152
EA024-04	LSTD-2S	Blue, 24V, LED Lamp	IDEC	15	144
EA024-04	LSTD-2W	White, 24V, LED Lamp	IDEC	15	140
EA027-00	83130	Magnetic Liquid Level Indicator	GEMS Sensors (Welpro Supply Ltd)	2	8
EA027-00	LS-270	Bilge Sensor	D & L Eng Sales Ltd.	1	2
EA030-00	SP100ACP	Open-Style Control Transformer	Hammond Manufacturing Co. Ltd.	1	3
EA031-00	HED 1 04X/100/12	Hydraulic Pressure Switch	BOSCH REXROTH	6	28
EA034-00	102548-001	Monitor, with power cord and screen overlays	Hope Industrial Systems	1	4
EA034-00	102548-002	14G Steel Trim for Central Alarm Monitors	Schneider Canada Inc.	1	3
EA034-00	809-0921	Xantrex System Control Panel	Schneider Canada Inc.	1	4
EA034-00	815-3024	Inverter, 3000W, 75A, 24Vdc nominal	Schneider Canada Inc.	2	5
EA034-00	ABL8RPS24100	DC POWER SUPPLY	Schneider Canada Inc.	1	5
EA034-00	BMXAMI0810	Isolated Analog Input Module	Schneider Canada Inc.	8	41
EA034-00	BMXCPS2010	POWER SUPPLY M340	Schneider Canada Inc.	2	13
EA034-00	BMXDD01602	DO Module, 16 pts	Schneider Canada Inc.	2	9
EA034-00	BMXDD13202K	DI Module, 32 pts	Schneider Canada Inc.	4	18
EA034-00	BMXFCW303	Cord Set, 40 Wire	Schneider Canada Inc.	4	18
EA034-00	BMXFTB2000	20 - Way Cage Clamp	Schneider Canada Inc.	2	9
EA034-00	BMXFTW308S	Cord Set, 28 Wire	Schneider Canada Inc.	2	12
EA034-00	BMXNOC0401	Ethernet Module, M340	Schneider Canada Inc.	3	12
EA034-00	BMXP342000	Processor Module M340	Schneider Canada Inc.	2	8
EA034-00	BMXXBE2005	Backplane extension cable M340	Schneider Canada Inc.	1	5
EA034-00	BMXXBP0800	Rack, M340, 8 Slots	Schneider Canada Inc.	2	8
EA034-00	H661A (CB863A)	Office Jet 6100 E Printer	Schneider Canada Inc.	2	7
EA034-00	HMIBMPS174D4801	BOX PC	Schneider Canada Inc.	1	3
EA034-00	HMIDM7421	Display PC, 4:3 15" Single T	Schneider Canada Inc.	1	4
EA034-00	HMIGTO5310	Modicon Magelis HMI Panel	Schneider Canada Inc.	2	6
EA034-00	HMIPCCP2BL7DA6L0NN00	PC PANEL	Schneider Canada Inc.	1	3
EA034-00	HMIYNDVIRGB11	Additional DVI Interface	Schneider Canada Inc.	1	4
EA034-00	MG24131	MCB C60N 10A	Schneider Canada Inc.	1	5
EA034-00	MG24133	MCB C60N 16A	Schneider Canada Inc.	1	5
EA034-00	MG24136	MCB C60N 32A	Schneider Canada Inc.	1	5
EA034-00	MG24472	MCB C60N 40A 3 POLES	Schneider Canada Inc.	1	4
EA034-00	MT10-115-200Y	C Transformer, 3PH + N	Schneider Canada Inc.	1	3
EA034-00	RPM42F7	Change Over Relay	Schneider Canada Inc.	1	5
EA034-00	RUW241P7	RC Circuit RPZ Sockets	Schneider Canada Inc.	1	5
EA034-00	TCSESM083F23F1	ETHERNET TCP/IP	Schneider Canada Inc.	2	9
EA034-00	TECK050-2S	Watertight Connector 1/2" Hub	Schneider Canada Inc.	15	135
EA034-00	TF-200	T-CLASS FUSE	Schneider Canada Inc.	1	5
EA034-00	TSEXETG1010	ETHERNET MODULE	Schneider Canada Inc.	1	5
EA929-00	441.03745	Fuse 1.6A, 250V, SB, 5x20mm, glass tube, DIN 41662	WICKMAN	8	47
EA929-00	8444980000	Voltage Isolator	Jeumont Industrie	3	15
EA929-00	16F1696	Air Filter		6	26
EA929-00	7537 MODEL A11	Computer, IBM		1	1

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA929-00	KX-P115 (6N298-0)	Printer Ribbon (Cartridge) (Panasonic)	Monk Office-WEAF	8	41
EA929-00	TSXM77CB2015	Cable, Uni-Telway	Schneider Canada Inc.	1	3
EA929-01	013366	Relay, 24 VDC,1 NO CNT	Kaycom Inc	1	4
EA929-01	022596	Relay Module, 24/60V		1	4
EA929-01	43100	Fuse, 2.5A 5x20mm		8	54
EA929-01	157578	O-Ring, 33mm		1	4
EA929-01	157578	O-Ring, 33mm		1	2
EA929-01	990839	Converter, 6 series	Weidmueller	1	2
EA929-01	217-001	Fuse, 1A, 250V, Fast		10	88
EA929-01	3SB1200-0AF53	Switch c/w blue pushbutton		1	3
EA929-01	592-10545-00	Fuse, 10A, 250V, SB, 5 x 20mm, glass tube	Jentronics Limited	10	91
EA929-01	592-10545-00	Fuse, 10A, 250V, SB, 5 x 20mm, glass tube	Jentronics Limited	1	2
EA929-01	592-12047-00	Fuse, 2.5A, 250V, QB, 5x20mm, ceramic		10	87
EA929-01	592-12237-00	Fuse 0.8A, 250V, QB, 5 x 20mm, glass tube		10	107
EA929-01	592-12237-00	Fuse 0.8A, 250V, QB, 5 x 20mm, glass tube		1	2
EA929-01	9710MS1B2P0X00(MOD)	Liquid Level Xmtr		1	1
EA929-01	9790MS1B2P0F00	Liquid Level Transmitter		1	1
EA929-01	980220/0/200C (USE ALT P/N)	Converter, 6 Series		1	2
EA929-01	980220/-50/50C	Converter, 6 Series		1	2
EA929-01	DL1-CJ0243	Led, Bulb Green AC DC 24V		2	12
EA929-01	DL1-CJ0243	Led, Bulb Green AC DC 24V		1	3
EA929-01	DL1-CJ0244	Led, Bulb, 24V, Red		2	11
EA929-01	DL1-CJ0245	Led, Bulb Yellow AC DC 24	Telemecanique	2	12
EA929-01	DL1-CJ0245	Led, Bulb Yellow AC DC 24	Telemecanique	2	12
EA929-01	DL1-CJ0245	Led, Bulb Yellow AC DC 24	Telemecanique	1	5
EA929-01	DL1-CJ0245	Led, Bulb Yellow AC DC 24	Telemecanique	1	5
EA929-01	F4138	Freon Detector		1	2
EA929-01	FIP36A10XT	2 line Display (LED Only for Part 0023)	Jeumont Industries	2	9
EA929-01	GMA500MA	FUSE 0.5A, 250V, FB, 5 x 20 mm, glass tube	Montreal Valve Reseating Ltd	10	92
EA929-01	T002016868	Pressure Switch, Range 0.2 - 6 bar, Diff 0.25 - 1.2 bar, Conn G3/8A		1	2
EA929-01	T003000668	Temperature Switch		1	1
EA929-01	T003002709	Float Switch		1	2
EA929-01	TSX AEM1602	Analog I/P Module	Emery Electric Ltd.	1	1
EA929-01	TSX CM 2146E	Module, Comm., RS-422A (SCM 21)	Schneider Canada Inc.	1	2
EA929-01	TSX DET 3242	Discrete I/P Module	Schneider Canada Inc.	1	5
EA929-01	TSX DST 1682	Module, Discretet O/P		1	2
EA929-01	TSX MAP1074	Mapway Module	Telemecanique	1	1
EA929-01	TSX P47420E	Processor (TSX 4740)		1	2
EA929-01	TSX SUP 61	Power Supply Module	Telemecanique	1	1
EA929-01	TSXMC70E324 LSU1	LSU1, EEPROM, 24K	Telemecanique	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA929-01	TSXMC70E324 LSU2	LSU2, EEPROM, 24K	Telemecanique	1	2
EA929-01	TSXMC70E324 LSU3	LSU3, EEPROM 24K	Telemecanique	1	2
EA929-01	TSXMC70E324 LSU4	LSU4, EEPROM 24K	Telemecanique	1	3
EA929-01	TSXMC70E324 LSU5	LSU5, EEPROM 24K	Telemecanique	1	2
EA929-01	W24-BP	Bulb	JENTRONICS LTD.	6	33
EA929-01	XBL-C-5020F315	Keypad, BCD Output	Telemecanique	2	7
EA929-01	XBT-M804110	Display Unit, 2 Lines		2	5
EA929-01	XBT-M804110	Display Unit, 2 Lines		1	1
EA929-01	ZB2-BV0133	Lens, Green		1	4
EA929-01	ZB2-BV0143	Lens, Red	Telemecanique	3	16
EA929-01	ZB2-BV0153	Lens, Yellow (Really it's Amber)		2	12
EA929-01	ZB2-BV0173	Lens, Clear	Telemecanique	2	11
EA929-01	ZB2-BV0173	Lens, Clear	Telemecanique	1	3
EA929-01	ZB2-BV033	PILOT LIGHT, GREEN	Telemecanique	1	4
EA929-01	ZB2-BV043	PILOT LIGHT, RED	Telemecanique	1	2
EA929-01	ZB2-BV053	PILOT LIGHT, YELLOW	Telemecanique	1	5
EA929-01	ZB2-BV6	BODY, INDICATOR	Telemecanique	2	8
EA929-01	ZB2-BV6	BODY, INDICATOR	Telemecanique	1	3
EA929-01	ZB2-BV6	BODY, INDICATOR	Telemecanique	1	2
EA929-02	101888-07	Power Supply PCB		1	1
EA929-02	B-Q0115GF1	CCT Breaker, 15A, 120V, 60Hz	Kaycom Inc	2	9
EA929-02	B-Q2L2100	CCT Breaker 100A		2	8
EA929-02	B-QOU215	CCT Breaker 15A		2	9
EA929-02	B-QOU350	CCT Breaker 50A		2	9
EA929-02	D-N120RD-C	Neon Lamp Red		2	9
EA929-02	DR150-0200G	Diode		1	4
EA929-02	DS0200-110J	SCR 110A		1	4
EA929-02	DV0040-013D	Varistor 13J	JHT Electronics	1	3
EA929-02	DV0150-010D	Varistor		2	8
EA929-02	FMDA005250B	Fuse 5A, 250V, TD, 1/4 x 1 1/4", ceramic		10	100
EA929-02	KX-P1150	Printer, Dot Matrix, Panasonic	Monk Office Supply Ltd.	1	3
EA929-02	OKI-62418901	OKI Microline 490 Dot Matrix Printer	CDW Canada Inc.	1	2
EA929-02	REC-C2024HA	Resistor		1	4
EA929-02	RLDD024D016A	Relay DPDT, 24VDC (K3)	JHT Electronics	1	2
EA929-02	RLDD120A016	Relay		1	2
EA929-02	RLS5024D100	Relay, Type SW80-1 24v		1	2
EA929-02	RLTD060D100	Relay	JHT Electronics	1	2
EA929-02	RLTD060D100	Relay	JHT Electronics	1	2
EA929-02	RLTD060D100	Relay TPTD 60VDC 100A		1	2
EA929-02	RLTD060D100	Relay TPTD 60VDC 100A		1	2
EA929-02	SWT-DD006H	Switch, Toggle DPDT 6A@125V	JHT Electronics	1	2
EA929-02	SWT-TD006H	Toggle Switch		1	2
EA929-02	TSXMAPACC1	Mapway Connector	Jeumont Industries	1	2
EA929-02	XF-CH111044	Choke 1MH	JHT Electronics	1	2
EB002-00	6307	Bearing	SKF Canada Limited	1	5
EB002-00	M35E01W07	Electric Motor		1	1
EB003-00	6205	Front Bearing		1	2
EB003-00	6206	Bearing	SKF Canada Limited	1	2
EB003-00	06H001W387H1	Electric Motor	B048/DEN(1) Baldor	1	2
EB005-00	PC-1067-30	Solenoid Repair Kit		1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EB005-00	PC-1110-1	Sensor, Interface		1	3
EB005-00	PC-1166	Toggle Switch 6A 125vac		1	2
EB005-00	PC-1245-1	Alarm, Audible		1	2
EB005-00	PC-1246-2	Circuit Breaker		1	2
EB005-00	PC-1271	Toggle Switch		1	2
EB005-00	PC-1272-1	Hourmeter		1	2
EB005-00	PC-1284-1	Relay, SPDT		1	2
EB005-00	ST11093-6	Switch, System		1	2
EC007-00	780442	FO PURIFIER CONTROL PANEL		1	1
EC007-00	800T-FXP16XD4	Illuminated Push/Pull Button	ALLEN BRADLEY	1	4
EC007-00	800T-H2B	2 Position Selector Switch	ALLEN BRADLEY	1	2
EC007-00	CIA10	Fuse 10A, 600V, Form II	ENGLISH ELECTRIC	3	16
EC007-00	CIA10	Fuse 10A, 600V, Form II	ENGLISH ELECTRIC	1	4
EC007-00	CIA2	Fuse 2A, 600V, Form II	ENGLISH ELECTRIC	2	9
EC007-00	CIA20	Fuse 20A, 600V, Form II	ENGLISH ELECTRIC	4	18
EC007-00	DIL 00M/22	AC Magnetic Contactor 3P	K&M	1	2
EC007-00	GMU2U	Circuit Breaker 1Ph. 2A	ENTRELEC	1	2
EC007-00	P2-3-CNA+H6+266	Disconnect Switch 3Ph. 30A	00P219 PROJECT PRICING	1	2
EC007-00	PH200CJ	Control XFMR 480/120V, 200VA	HAMMOND	1	2
EC007-00	S271-K2	Circuit Breaker		1	2
EC007-00	SA 205 115 600S	Relay, Time Delay		1	2
EC007-00	SB 125 115 180S	Timer Relay, 120VAC off Delay	ELECTROMATIC	1	2
EC009-00	D1T-H18SS-P2	Pressure Switch (0.4-18PSI)	Barksdale Control Products	1	2
ED002-00	460/3/60	ELECTRIC MOTOR 5.9 kW		1	2
ED002-00	6308-2Z/C3	Bearing Drive End		1	4
ED002-00	K6305-2Z	Bearing Opp Dr End		1	5
ED002-00	RRT-5.62543-1/5070248	Motor 50HZ 500V 5.5 KW	BROOK CROMPTON	1	2
ED003-00	3RH1140-1AF00	Contactor, 40E 4NO, 110V 50/60Hz	Siemens Canada Ltd	1	3
ED003-00	3RH1140-1AK60	Contactor, 40E 4NO, 110v 50Hz/120v 60Hz	Siemens Canada Ltd	1	4
ED003-00	3RH1911-1GA04	Contactor, 40E 4NC	Siemens Canada Ltd	2	7
ED003-00	3RH1921-1EA11	Auxiliary Contact, 1NO + 1NC, GB1048, 5/50Hz	Siemens Canada Ltd	2	8
ED003-00	3RT1025-1AG20	Contactor	Siemens Canada Ltd	1	2
ED003-00	3SB1218-0AC01	Illuminated Push Button Red	Siemens Canada Ltd	2	10
ED003-00	3SB1218-0AC01	Illuminated Push Button Red	Siemens Canada Ltd	1	2
ED003-00	3SB1218-6BC01	Pilot Light, Red (with conc. rings)	Siemens Canada Ltd	2	9
ED003-00	3SB1400-5C	Lampholder (24v/2w)	JP Sauer & Sohn Maschinenbauer	1	5
ED003-00	3TF4222-0AJ2	Relay, 22E 2NO+2NC, 115v 50/60Hz (EC SEE ALT)	Siemens Canada Ltd	1	2
ED003-00	3TH4244-0AJ1	Contactor, 44E 4NO+4NC, 115v 60Hz/96v 50Hz	Siemens Canada Ltd	1	2
ED003-00	3TH4244-0AK6	Contactor, 44E 4NO+4NC, 110v 50Hz/120v 60Hz	Siemens Canada Ltd	1	4
ED003-00	3UA5200 IK	Thermostat Overload Relay	Siemens Canada Ltd	1	3
ED003-00	5SB1 11	Fuse 2A FLINK 500v Diazed		8	39

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ED003-00	5SB1 11	Fuse 2A FLINK 500v Diazed		1	5
ED003-00	5SB2 21	Fuse4A gL/gD FLINK 500v Diazed		8	44
ED003-00	CE1x	Time Relay 2.5 Sec Bis 10 Mins 115V/60Hz (Order Alt)	Omron	1	2
ED003-00	K-TA-TEL-1CE-005	Timer, delay - type 82.11	PLAD Equipment Ltd	1	3
ED003-00	Pos: P83	Working Hour Counter 115V/60Hz		1	4
ED003-00	S-DB-SIE-BSK-002	Push Button	PLAD Equipment Ltd	1	5
ED003-00	TO-2-1/EA SVB	Main Switch	KLO-MOE	2	7
ED003-00	T-SB-BLO-PIN-001	Transformer, Type STU 250/2 x 115, 250/555 VA	PLAD Equipment Ltd	1	4
ED003-00	U2/11ZM/F611	Selector Switch	JP Sauer & Sohn Maschinenbauer	1	2
ED003-00	U2/8ZM/NS	Selector Switch	SONTH.	1	4
EE002-00	CA-UZX27	Copper Anode MG 120/508, 5 Year	Jastram Technologie Ltd.	2	8
EE002-00	CA-UZX29	Iron Anode FE 120/508, 5 Year	Jastram Technologie Ltd.	2	8
EE002-00	MOR107X3	O'Ring 107mm ID x 3mm cross section	CATHELCO	5	24
EE002-00	MOR79X3	O'Ring 79mm ID x 3mm cross section	Strictly Hydraulics	2	13
EE002-00	P7B2	Bolt On Bar Type Zinc Anode 24" x 4" x 2" (40lb)	CANADA METAL LTD.	15	163
EE002-00	P7B2	Bolt On Bar Type Zinc Anode 24" x 4" x 2" (40lb)	CANADA METAL LTD.	10	65
EE002-00	SZU17	Copper Anode MG 82.5/305, 5 year	Cathelco Limited	1	5
EE002-00	SZU18	Aluminum Anode TC 82.5/305, 5 year	Cathelco Limited	1	5
EE002-02	G198-5	LAMP, MES, G3.1/2, 6V, 0.36W	Jentronics Limited	10	90
EE003-00	ECP84115T-4-D	ELECTRIC MOTOR, Baldor frame 326TD, 50hp, 1760rpm, 3ph, 60hz, 230/460v, Spec 12L060W230G1	Baldor	1	1
EE004-00	326T	Electric Motor, Baldor,460V, 58A, 1760rpm		1	2
EF005-00	2424209H-99	Electric Motor- 1730rpm, 3Ph, 60Hz, 5hp, 230/460v	BROOK HANSEN	1	3
EF007-00	10250TC1N	Lens, Red	Culter-Hammer	1	3
EF007-00	10250TC2N	Lens, Green	CUTLER HAMMER	1	3
EF007-00	10250TC6N	White Lens Only	CUTLER HAMMER	2	7
EF007-00	6ES5-375-OLC11	Eeprom Memory, 2KByte		1	3
EF007-00	727-20 (CI-09)	Salinity Monitor, 0-1000PPM, Seawater		1	2
EF007-00	CS51 (CE-08)	Salinity Cell for Myron L Salinity Monitor	Zenon Environmental	1	4
EF007-00	CS51 (CE-08)	Salinity Cell for Myron L Salinity Monitor	Zenon Environmental	1	2
EF007-00	FNQ-R2 1/2	FUSE 2.5A, 600V, SB, 10 x 38mm, Fibre tube, class cc	Q001/CDN(1) Quele Electronics	10	60
EF007-00	JTD-25	Fuse, 25A		10	60
EF007-00	MDA 1 1/2	Fuse 1 1/2A, 250V, SB, 1/4 x 1 1/4", ceramic		2	9
EF007-00	PH350CJ	Transformer, 350Va, 480-120VAC, 60Hz	Hammond	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EF012-00	12 x 16"	12 x 16" Manhole Cover	Clark, Kennedy Co. Limited	1	5
EG002-00	Madison M3205-CN2770	High Level Bilge Sensor (Type IC/RL 1-U)	EMERY E.H. ELECTRIC LTD.(Madison	2	7
EH001-00	Omega LV754	Collection Tank High Level Switch (A75-A-S-012-2-A-0)	OMEGA	1	4
EH001-00	Omega LV754	Collection Tank High Level Switch (A75-A-S-012-2-A-0)	OMEGA	1	1
EH001-00	PF3S-N16A1	INPUT CARD NO 1		1	2
EH001-01	9001-JTR38A29	PILOT LIGHT 120VAC, SERIES C c/w Amber Lens	Schneider Canada Inc.	2	7
EH001-01	CF30-J6P	Disconnect	ABB	1	3
EH001-01	PF3S-PSA1	Power Supply Card		1	1
EH001-01	PF3S-R161	Output Card		1	2
EH007-00	N-18003	Detector Head, Model 1401-05, complete assembly	Sierra Monitor Corporation	1	3
EH007-00	N-18004	H2S Calibration Kit	Sierra Monitor Corporation	1	1
EH007-00	N-26105	Detector head, sensor only	Sierra Monitor Corporation	2	10
EI001-03	PJ242410	Bathy Launcher Box	Hammond Manufacturing Co. Ltd.	1	2
EI004-00	CX-430	ATX Power Supply	MDA Systems Ltd.	1	2
EI004-00	ST3300657SS	Seagate Cheetah 15K Hard Drive 300GB	OSI Maritime Systems Ltd	2	11
EI004-02	4030320	Perle IOLAN SDS (Serial Device Server)	MDA Systems Ltd.	1	1
EI004-02	6019-SD001-006	Conrac Monitor - KME	Meritron Inc.	1	1
EI004-02	OM10C-DCE	OM10C-DCE-M-ST FIBRE MODEM	LUXCOM TECHNOLOGIES INC.	1	2
EI004-02	OM10C-DTE	OM10C-DTE-M-ST FIBRE MODEM	LUXCOM TECHNOLOGIES INC	1	2
EI004-06	F1DN104U	MFC 2/3 OmniView Secure 4-Port KVM Switch	MacDonald Dettwiler and Associat	2	8
EI004-07	352101-1	MK21/USB Bathy (C/W Junction box)	Lockheed Martin - Canada	1	2
EI004-07	HL-L2360DW	Brother Laser Printer	BROTHER	1	2
EI004-07	HP2530-24G	HP Network Switch	MDA	1	2
EI006-00	31582	Friction Disc		1	2
EI006-00	504453	Link, Repair, Chain, Roller, 5/8"P		2	13
EI006-00	504459	Brake, AC, Magnetic Disk, 3 Ft-Lb		1	2
EI006-00	504954	Gear Reducer, 60:1, Rt Angle		1	2
EI006-00	504956	Torque Limiter, 7/8" Bore		1	2
EI006-00	504959	Link, Repair, Chain, Roller, 1/2" P, Sc*		8	44
EI006-00	505305	Switch, Lever, Limit, Roller, Nylon		1	2
EI006-00	505307	Switch, Limit, Type 4/6/13 *		1	3
EI006-00	505309	Motor, 1/3H, 1725R, Exp PRF, 56C, Rev, 6K330		1	2
EI006-00	505477	Controller		1	1
EI006-00	04A122920300	Roller Bearing Assembly		1	3
EI006-00	40A021873800	Oil Seal		1	4
EI006-00	40A021878600	Oil Seal		1	4
EI006-00	4630-0034	4630, Ring, Compression Packing		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EI006-00	4630-0102	Motor, Modified, Manual Drive		1	2
EI006-00	500-T0D93	Relay		1	3
EI006-00	504454-41FT	Chain, Roller, Stl, 5/8" Pitch, 41 Ft		4	19
EI006-00	504958-2FT	Chain, Roller, Stl, 1/2" Pitch, 2 Ft		2	12
EI006-00	800T-N169	120V Incandescent Lamp		5	22
EI006-00	800TQB10G	Switch		1	2
EI006-00	800T-QB10R	Switch		1	2
EI006-00	93A120314002	Bearing		1	4
EI007-00	271006582	Temperature Sensor TF-5.5 S0.4 LM19	SAM Electronics	1	5
EI007-00	271009885	Motor Protection Switch	SAM Electronics	2	8
EI007-00	271009997	LED - White, Socket, MG T1 3/4	SAM Electronics	2	12
EI007-00	271023346	Power Supply - 100-240VAC/24VDC/0.75A	SAM Electronics	1	4
EI007-00	271023355	Alarm Unit	SAM Electronics	2	12
EI007-00	271023364	CABLE, CAN HYBRIDCABLE	SAM Electronics	15	180
EI007-00	271023367	Power Supply - 100-240VAC/24VDC/20A	SAM Electronics	1	4
EI007-00	271023369	15" XGA Colour Monitor	SAM Electronics	1	3
EI007-00	271023380	Elapsed Time Indicator, SHK, 07.1, DC4, 5-35V	SAM Electronics	1	5
EI007-00	271023390	Module Gateway 401	SAM Electronics	1	5
EI007-00	271023544	Enclosure, Complete.	SAM Electronics	1	2
EI007-00	271023546	Compact Flash Carrier	SAM Electronics	1	3
EI007-00	271023547	Dual In/Output Card	SAM Electronics	1	2
EI007-00	271023548	Serial Controller	SAM Electronics	1	2
EI007-00	271023549	Gigabit Ethernet Switch	SAM Electronics	1	3
EI007-00	271023550	Dual Ethernet Adapter	SAM Electronics	1	4
EI007-00	271023555	Compact Flash Card - 2GB	SAM Electronics	1	3
EI007-00	271023933	Axial Flow Fan	SAM Electronics	1	3
EI007-00	271048346	Filter	SAM Electronics	1	3
EI007-00	271048347	Filter	SAM Electronics	1	3
EI007-00	271048401	DGS CONTROL UNIT	SAM Electronics	1	3
EI007-00	271048402	DGS AMPLIFIER CABINET	SAM Electronics	1	3
EI007-00	271048403	DGS TRANSFORMER UNIT	SAM Electronics	2	5
EI007-00	271048404	DGS PROBE	SAM Electronics	1	3
EI007-00	271048404	DGS PROBE	SAM Electronics	1	2
EI007-00	271048405	DGS PROBE CONNECTION BOX	SAM Electronics	1	3
EI007-00	271048412	Amplifier Plug In LST 312	SAM Electronics	1	1
EI007-00	271048422	P.C. Board MPU 316	SAM Electronics	1	2
EI007-00	271048425	INTELLIGENT TERMINAL	SAM Electronics	1	4
EI007-00	271048438	P.C. Board LST 312	SAM Electronics	1	5
EI007-00	271048443	Capacitor, MKP4 150uF, 600VDC, 10%	SAM Electronics	1	5
EI007-00	271048444	Capacitor, MKP4, 85uF, 600VDC, 10%	SAM Electronics	1	5
EI007-00	271048453	IGBT Module	SAM Electronics	1	5
EI007-00	271048454	Diode Module ISOPACK	SAM Electronics	1	5
EI007-00	271048459	Shunt, 60A, 60mV	SAM Electronics	2	8
EI007-00	271048460	Backplane RUE 04	SAM Electronics	1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EI007-00	271048464	Power Supply, 85-265 VAC, +/-15 VDC, +5 VDC	SAM Electronics	1	5
EI007-00	271048480	P.C. Board MPU 315	SAM Electronics	1	2
EI007-00	271048488	Relay Coupler, MCZ R, 24VDC	SAM Electronics	2	8
EI007-00	271048551	P.C. Board SKPC 22/2	SAM Electronics	1	5
EI007-00	271048554	Axial Flow Fan	SAM Electronics	1	5
EI007-00	271048601	P.C. Board MPU 317	SAM Electronics	1	2
EI007-00	271048984	Filter Pad	SAM Electronics	6	26
EI007-00	271059642	Hexagon Screw, M8 X 29, Non Magnetic	SAM Electronics	2	13
EI007-00	271059643	Washer M8, Non Magnetic	SAM Electronics	6	28
EI007-00	271060097	Extension Cable Gland, M30 / M36	SAM Electronics	3	15
EI007-00	271115894	Terminal Board Contact, 3 Conductor, 2.5mm2 / 750V	SAM Electronics	2	12
EI007-00	271115908	End / Intermediate Plate, 2.5mm, Grey	SAM Electronics	2	12
EI007-00	271130870	End Clip, for TS 35	SAM Electronics	2	12
EI007-00	271134090	End Angle WEW 35/2 - For TS35	SAM Electronics	2	12
EI007-00	271145780	Double Stock Terminal	SAM Electronics	2	12
EI007-00	271145781	Cover Plate, 2.5mm, Orange	SAM Electronics	2	12
EI007-00	271145782	Jumper	SAM Electronics	6	26
EI007-00	271146207	End Clip 249-116	SAM Electronics	2	12
EI007-00	271157240	Pressure Cap, White, Round (PVC)	SAM Electronics	2	12
EI007-00	271157469	POSITION INDICATOR	SAM Electronics	1	3
EI007-00	271157469	POSITION INDICATOR	SAM Electronics	1	2
EI007-00	271172314	Terminal Board Contact	SAM Electronics	6	26
EI007-00	271195152	Auxiliary Contactor, CA4-KN, 24VDC	SAM Electronics	2	12
EI007-00	272323686	Cover Plate, 4mm, Grey	SAM Electronics	2	12
EI007-00	272323689	Terminal Board Contact, 0.2-16mm2 / 2 Wire	SAM Electronics	6	26
EI007-00	273179382	Fuse Link, F4A, 5 x 25	SAM Electronics	8	48
EI007-00	273186643	Grounding Insert Z14	SAM Electronics	2	7
EI007-00	273186692	Grounding Insert Z18	SAM Electronics	8	41
EI007-00	273186718	Grounding Insert Z20	SAM Electronics	4	20
EI007-00	273362020	Grounding Insert Z10	SAM Electronics	3	16
EI007-00	273374975	Grounding Insert Z8	SAM Electronics	8	51
EI007-00	273642876	Resistor, 120, 0, 6W, 1%	SAM Electronics	2	12
EI007-00	273645846	Sealing Insert	SAM Electronics	5	24
EI007-00	273645861	Sealing Insert	SAM Electronics	2	10
EI007-00	273645937	Sealing Insert	SAM Electronics	3	15
EI007-00	273645952	Sealing Insert	SAM Electronics	2	14
EI007-00	273646075	Grounding Insert Z10A	SAM Electronics	3	15
EI007-00	279642675	Temperature Sensor	SAM Electronics	2	12
EI007-00	25411A11342	1A Fuse		2	7
EI007-00	25411A17912	5A Fuse		2	7
EI007-00	25411A17913	6.3A Fuse		2	7
EI007-00	25411A25449	Fuse 100A		6	31
EI007-00	25411A25450	Fuse 1A		6	31
EI007-00	25411A25452	Fuse 3A		6	31
EI007-00	25411A25826	Fuse 250MA		6	31
EI007-00	25484A36230C	Ground Module		1	2
EI007-00	A2-126	Lamp 28V		6	31
EI007-00	A225411A25449	Fuse 100A		6	31
EI007-00	A50-119	250 MA Fuse		2	7

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EI007-00	FMGSGO	CABLE, 2 X 2 X 0.75	SAM Electronics	10	100
EI007-00	KS-02YS(ST+C)H	CABLE, 4 X 2 AWG 24/1	SAM Electronics	15	180
EI007-00	LMGSGO	CABLE, 3 X 1.5	SAM Electronics	10	70
EI007-00	LMGSGO	CABLE, 7 X 1.5	SAM Electronics	10	60
EI007-00	LMGSGO	CABLE, 14 X 1.5	SAM Electronics	8	38
EI007-00	MA1-21945	Control Board		1	1
EI007-00	MGSGO	CABLE, 3 X 6	SAM Electronics	10	100
EI007-00	MGSGO	CABLE 2 X 16	SAM Electronics	8	56
EI007-00	SPD241201	Power Supply, 24VDC, 5A.	SPERRY	1	5
EI007-00	SR01-40MK2	Modified NMEA Converter Unit	SPERRY	1	4
EI007-01	295-11-162F-3-502-AM	Circuit Breaker		2	7
EI007-01	A2-132	Lamp, Filament		6	35
EI007-01	M29205548	PEC, CPU3		1	1
EI007-01	MA1-17352/1	PEC, SIO		1	1
EI007-01	MA1-19057	PEC, RMR		1	1
EI007-01	MA1-20214	PEC, DAD2		1	1
EI007-01	MA1-20216	PEC, GDAD		1	1
EI007-01	MA1-20390	PEC, RKDD		1	1
EI008-00	M29205551	MASTHEAD MAGNETOMETER	Thorn Automation	1	1
EI901-00	151-136	ON/OFF Switch		1	2
EI901-00	233-341	Hours Counter		1	2
EI901-00	301040-1	XBT Test Canister	Sippican Inc.	1	3
EI901-00	306-151-1	MK 12 Card		1	2
EI901-00	6-907-03-006	IBIS Monitor		1	2
EI901-00	6-907-03-007	4 Slot Backplane		1	2
EI901-00	6-907-03-010	Shock Mount 7-14Kg (Back)		1	2
EI901-00	6-907-03-011	Shock Mount 8-18Kg (Front)		1	2
EI901-00	6-907-03-015	3 Amp Chassis Filter		1	2
EI901-00	6-907-03-016	PC Power Supply		1	2
EI901-00	6-907-03-017	Toroid Transformer		1	2
EI901-00	6-907-03-018	3 W Panel Plug		1	2
EI901-00	6-907-03-019	6W Panel Socket		1	2
EI901-00	6-907-03-020	24W Panel Socket (RS 232)		1	2
EI901-00	6-907-03-021	24W Panel Plug (Probe In)		1	2
EI901-00	6-907-03-032	12 VDC 80 Mm Fan		1	2
EI901-00	6-907-03-049	IP65 Keyboard		1	2
EI901-00	6-907-03-050	External Keyboard Cable		1	2
EI901-00	6-907-03-066	Pack of Air Filters		1	2
EI901-00	6-907-03-067	Fuse 5A, 250V, QB, 5 X 20MM, glass tube		8	48
EI901-00	6-907-03-079	Dual Fan Adapter Cable		1	2
EI901-00	6-907-03-396	NiCad Battery		1	4
EI901-00	6-907-04-002 / 6- 907-04-003	386 Processor Card or 486 Processor Card		1	2
EI901-00	6-907-04-008	VGA Card		1	2
EI901-00	6-907-04-010	210 Mb Hard Disk		1	2
EI901-00	6-907-04-013	3.5" Floppy Drive		1	2
EI901-00	HP51629A	Inkjet Print Cartridge		1	3
EI901-00	P16NP-1UK-10K	Contrast Pot 10K		1	2
EI901-00	P16NP-1WK-100K	Brightness Pot 100K		1	2
EI904-00	1-292004-000	Kepeco Power Supply	KEPCO INC	1	3
EI904-00	3-221100-010	Micro Switch		1	2
EI904-00	3-390004-020	Alarm Module Assembly		1	5
EI904-00	3-390018-010	Ventilation Fan		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EI904-00	SU3000RMX93	UPS, 3000VA, 120V	Offshore Systems International	1	2
EI904-01	1-181009-000	Module, ICS, AS-304, PC Station Doubler		1	2
EI904-01	1-181010-000	Module, ICS, RS-150-S, Serial X-Switch		1	3
EI904-01	1-320103-000	Keyboard, CKS, A551-031, PC Data		1	2
EI904-01	1-350201-000	Power Bar, Hammond, 1583H6A1, 19" Rack Mount		1	2
EI904-01	3-290001-020	Assembly, Electrical, System Power Switch, OCP, MCDV		1	2
EI904-01	3-290002-020	Assembly, Electrical, Alarm Volume Control, OCP, MCDV		1	2
EI904-01	3-290003-020	Assembly, Electrical, Brightness Control, OCP, MCDV		1	2
EI904-01	3-291001-020	Assembly, Cable, Nmea0183 Talker, Amph14s-7 To Db25		1	2
EI904-01	3-291002-020	Assembly, Cable, Rs232c, Amph 18-1 To Db9		1	2
EI904-01	3-291005-040	Assembly, Cable, Coax, Rg59, 30"		1	2
EI904-01	3-291007-020	Assembly, Cable, Ac Power, System Input		1	2
EI904-01	3-291008-020	Assembly, Cable, Ac Power, Ups To Switch		1	2
EI904-01	3-291010-020	Assembly, Wiring Harness, Dc/Signal, Desk Console		1	3
EI904-01	3-291012-020	Assembly, Cable, Nmea0183 Listener, Amph14s-7 To Db25		1	2
EI904-01	3-291014-020	Assembly, Cable, Ac Power, 5-15p To Amp 3 Female		1	2
EI904-01	3-291019-010	Assembly, Cable, Keyboard Auxiliary, Std		1	2
EI904-01	3-291037-020	Assembly, Cable, Alarm Interface, MCDV		1	2
EI904-01	3-291039-020	AC Power Cable, Slave		1	2
EI904-01	3-291044-020	Assembly, Station Select, MCDV		1	2
EI904-01	3-291046-020	Assembly, Cable, Auxiliary Power Supply, 9VAC		1	2
EI904-01	3-291047-020	Assembly, Cable, Ac Power, 5-15P to IEC320		1	2
EI904-01	3-291048-020	Assembly, Cable, RS232C, DB9x2 to DB25		1	2
EI904-01	3-291049-020	Assembly, Cable, System Keyboard		1	2
EI904-01	3-291050-020	Assembly, Cable, System Video		1	2
EI904-01	3-291051-020	Assembly, Cable, Video, VGA to BNCx5		1	2
EI904-01	3-291052-020	Assembly, Cable, RS232C, AMPH 14S-6 to DB25		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EI904-01	3-291053-020	Assembly, Cable, Keyboard Data, AMPH 4S-6 to DIN5		1	2
EI904-01	3-291054-020	Assembly, Cable, Video Data, AMPH 18-1 to VGA		1	2
EI904-01	3-291055-020	Assembly, Cable, Control, Serial Switcher		1	2
EI904-01	3-291056-020	Assembly, Cable, Control, Station Select		1	2
EI904-01	3-291066-020	Assembly, Cable, GPS 1PPS, MCDV		1	2
EI904-01	3-291067-020	Assembly, Cable DC Power Interface, MCDV		1	2
EI904-01	3-390016-020	Assembly, Exhaust Fan, Console, MCDV		1	2
EI904-01	7550-RS19R	19" Colour Conrac Monitor		1	2
EI904-02	3-290002-040	Assembly, Electrical, Alarm Volume Control, OCP Tilt, MCDV		1	2
EI904-02	3-290003-040	Assembly, Electrical, Brightness Control, OCP Tilt, MCDV		1	2
EI904-02	3-290009-020	Assembly, Speaker, Quam, 2 1/4", MCDV		1	2
EI904-02	3-291057-020	Assembly, Cable, Video, Slave, MCDV		1	2
EI904-02	3-291058-020	Assembly, Wiring Harness, Slave, MCDV		1	2
EI904-02	3-291059-020	Assembly, Cable, OCP Tilt, MCDV		1	2
EI904-02	3-390018-020	Assembly Bridge Monitor Fan, MCDV		1	2
EI904-03	17-02640-01	Trackball Cable		1	2
EI904-03	30-41869-01	Industrial Track Ball T80D3		1	2
EI904-03	30-42027-01	Cooling Unit		1	3
EI904-03	874-A	Filtered Power Cont.		1	2
EI904-03	LA75R-KA	Nylon Ribbon Cartridge		1	3
EI904-03	LK421-AA	Unix Keyboard		1	2
EI905-00	505244	Fuse 3A, 250V, SB, 5 x 20mm, glass tube		10	82
EI905-00	31-2368	Amphenol BNC Connectors	ORE International Inc	1	5
EI905-00	31-4804	Amphenol Connector	00P219 PROJECT PRICING	1	5
EI905-00	42R33	AC Input Fuse Holder /Conn IEC AC 3P, M,1		1	4
EI905-00	42R33	AC Input Fuse Holder /Conn IEC AC 3P, M,1		1	4
EI905-00	9007CR53B2	Limit Switch	ORE International Inc	1	2
EI905-00	97-3106A-22	Amphenol Connector Adapter	ORE International Inc	1	5
EI905-00	Alignment Plug	Alignment Plug		1	3
EI905-00	CA3100E-14S-5S-B-F80-05	Connector, Cannon	ORE International Inc	1	5
EI905-00	CA3106F14S-5PBF80	Connector, Cannon	ORE International Inc	1	5
EI905-00	MS-3100E22-14S	Amphenol Connector	ORE International Inc	1	4
EI905-00	MS-3100E28-21S	Amphenol Connector	ORE International Inc	1	5
EI905-01	R-BS-005-D	RS-232-C Cable		1	2
EI905-01	V4DBACD	Grounding Strap		2	12

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EI905-02	500921	O-ring, BN 70, 4.859x0.139, 2-249		1	4
EK001-00	051-01036	Bearing Non Drive End (SKF 6314.C3) - Alternator	SKF Canada Limited	2	8
EK001-00	070-58078	Bearing Temperature Sensor	Newage International Ltd	2	8
EK001-01	SKF 6322.C3	Bearing Drive End - Motor	Western Equipment Ltd.	2	7
EK001-02	051-01035	Bearing, Drive End - Alternator	SKF Canada Ltd.	2	8
EK001-02	MX321 AVR or E000-23210	Auto Voltage Regulator (AVR)		1	1
EK001-02	RSK-5001	Rectifier Service Kit HC4/5		1	3
EK001-04	FC-26P	Cable (26 pin, between firing card & current Limiting card)		1	2
EK001-04	SA-3753-A	Electronic Speed Switch	JHT Electronics	1	2
EK002-00	256-TWMU-616858	TRANSDUCER	Newage International Ltd	1	5
EK002-00	3SB1200-0AB53	Pushbutton	Siemens Canada Ltd	1	3
EK002-00	3SB1200-0AC53	Switch	Siemens Canada Ltd	1	2
EK002-00	3SB1200-1DC53	Switch Stop	Siemens Canada Ltd	1	2
EK002-00	3SB1200-2AB53	Switch	Siemens Canada Ltd	1	2
EK002-00	3SB1200-2AC53	Switch	Siemens Canada Ltd	1	2
EK002-00	3SB1200-4LB53	Switch Locking	Siemens Canada Ltd	1	2
EK002-00	3SB1218-6BC01	Lamp, Pilot, Red	Siemens Canada Ltd	1	3
EK002-00	3SB1218-6BE01	Lamp	Siemens Canada Ltd	1	2
EK002-00	3TF2010-0BB4	Contact	Siemens Canada Ltd	1	3
EK002-00	3TX4411-2A	Contact Block	Siemens Canada Ltd	2	10
EK002-00	45-0264	HC5-6-7 PMG Kit (Exciter Assy)	Newage International Ltd	1	2
EK002-00	5SX2210	Circuit Breaker	Siemens Canada Ltd	1	2
EK002-00	FLEX PLATE	Coupling Pressure Plate		1	2
EK002-00	HCM534D1	CUMMINS AUXILIARY ALTERNATOR		1	1
EK002-00	Z415PS	Varistor		1	5
EK003-00	256-TWMU-616859	TRANSDUCER	CROMPTON	1	3
EK003-00	3SB1200-0AC53	Switch	Siemens Canada Ltd	1	2
EK003-00	3SB1200-0AF53	Switch	Siemens Canada Ltd	1	2
EK003-00	3SB1200-1DC53	Switch	Siemens Canada Ltd	1	2
EK003-00	3SB1200-2AC53	Switch	Siemens Canada Ltd	1	2
EK003-00	3SB1200-4LB53	Switch Locking	Siemens Canada Ltd	1	2
EK003-00	3SB1218-6BC01	Lamp	Siemens Canada Ltd	1	2
EK003-00	3SB1218-6BC06	Red Lamp	Siemens Canada Ltd	2	9
EK003-00	3SB1218-6BE01	Lamp	Siemens Canada Ltd	1	2
EK003-00	3SB1218-6BE06	Green Lamp	Siemens Canada Ltd	2	8
EK003-00	3SB1902-1AE	Contact	Siemens Canada Ltd	1	2
EK003-00	3TF2010-0BB4	Contact	Siemens Canada Ltd	1	2
EK003-00	3TH4364-0BB4	Relay	Siemens Canada Ltd	1	2
EK003-00	3VU1300-1MM00	Circuit Breaker	Siemens Canada Ltd	1	2
EK003-00	5SX2205-7	Circuit Breaker	Siemens Canada Ltd	1	2
EK003-00	5SX2210-7	Circuit Breaker	Siemens Canada Ltd	1	2
EK003-00	5SX9100	Aux Contact Block	Siemens Canada Ltd	6	28
EK004-00	3T400K	Terminal Kit 400A Copper	Westinghouse Canada Ltd	1	2
EK004-00	A261391	Ship to shore block - Black	DURALINE	1	3
EK004-00	A261392	Ship to shore block - White	DURALINE	1	3
EK004-00	A261393	Ship to shore block - Red	DURALINE	1	3
EK004-00	AJT400	Fuse 400A, 600V, Time Delay Fuse, Class J	GOULD SHAWMUT	5	24
EK004-00	AR4042-S22	Connector (Male)		1	1
EK004-00	AR4042-S4	Connector (Female)		1	1
EK004-00	AR4042-S4-S22	Connector (Female)		1	1
EK004-00	CJT600/HRS1-J	Fuse		1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EK004-00	JTD 25	Fuse 25A		3	15
EK004-00	KD3400F	Part 3400 Kit	Westinghouse Canada Ltd	1	2
EK004-00	KT3400T	Thermal Magnetic Trip Unit	Westinghouse Canada Ltd	1	2
EK004-00	MDA4	Fuse 4A		6	31
EK004-00	SCB-1919	Shore Power Connection Box	Galaxy Supply Inc. DBA Galaxy Battery	2	6
EK005-00	40037	FLT Trip Indicator Con.	MERLIN GERIN	1	3
EK005-00	44901	Aux. Changeover & Fault Trip Indicator		1	3
EK005-00	44910	Shunt Trip Module MX		1	3
EK005-00	50190	GND Fault Monitor		1	2
EK005-00	50395	TR22A Vigilhom GND Fault Monitor - 110V		1	2
EK005-00	50396	GND Fault Monitor - 220V		1	2
EK005-00	42043063	Phase Reversal Switch		1	3
EK005-00	44090021	Auxiliary Contact		1	3
EK005-00	44090022	Auxiliary Contact		1	3
EK005-00	1N4007	Diode		15	115
EK005-00	243-41SG	Frequency Meter	Crompton Instruments	1	4
EK005-00	244-12PG	Phase Sequence Ind.	Crompton Instruments	1	3
EK005-00	244-146G	Synchroscope	Crompton Instruments	1	2
EK005-00	244-KWPG	KW Hour Meter	Crompton Instruments	1	2
EK005-00	253-THZW	Frequency XDCR (4mA=55Hz, 20mA=65Hz)	Crompton Instruments	2	9
EK005-00	685548C	Arc Chute	MERLIN GERIN	1	3
EK005-00	685658C	Release MX/XF	MERLIN GERIN	1	2
EK005-00	685692C	Time Delayed UVR	MERLIN GERIN	1	1
EK005-00	685725C	Aux. Contacts Of.	MERLIN GERIN	1	3
EK005-00	685727C	Rdy. Close Contact Pf.	MERLIN GERIN	1	3
EK005-00	685763C	Elect. Charger Mech, Machine	MERLIN GERIN	1	2
EK005-00	685977C	Conn. Position Switch	MERLIN GERIN	6	28
EK005-00	685978C	Disconn. Position Switch Cd.	MERLIN GERIN	1	3
EK005-00	688337C	Aux. Contact MNRI	MERLIN GERIN	1	3
EK005-00	CA2-DN22M6	Relay, 220V	Telemecanique	1	3
EK005-00	CA2-DN31M6	Relay, 220V	Telemecanique	3	16
EK005-00	CA2-DN31M6	Relay, 220V	Telemecanique	1	4
EK005-00	CA2-DN40F6	Relay, 120V (E/C See Alt Part)	Telemecanique	2	7
EK005-00	CA2-DN40M6	Relay, 220V	Telemecanique	1	4
EK005-00	CA3-DN31BD	Relay, 24V (Obsolete, use P/N: CAD32BD)	Telemecanique	1	3
EK005-00	CA3-DN40BD	Relay, 24V (Use Alt)	Telemecanique	2	8
EK005-00	CAD32BD	Relay, 24V.	Schneider Canada Inc.	10	62
EK005-00	CAD32BD	Relay, 24V.	Schneider Canada Inc.	2	7
EK005-00	CAD50BD	Control Relay 24V.	SCHNEIDER	8	39
EK005-00	CAD50BD	Control Relay 24V.	SCHNEIDER	2	8
EK005-00	CAD50P7	Relay 220V	MERLIN GERIN	8	41
EK005-00	E94235	Fuse, 4A, 500V, 10 x 38mm	Ferraz	15	125
EK005-00	ESC 63C-9	Speed Control Unit		1	1
EK005-00	L94448	Fuse, 20A		6	28
EK005-00	LA1DN31	Auxiliary Contacts	Telemecanique	8	50
EK005-00	LA3-DR0	Auxiliary Contacts		1	4
EK005-00	LA3-DR0	Auxiliary Contacts		1	2
EK005-00	LADN31	Auxiliary Contact	EECOL Electric (Sask) Ltd.	10	76
EK005-00	LADN40	Auxiliary Contacts	Schneider Canada Inc.	2	10
EK005-00	LADN40	Auxiliary Contacts	Schneider Canada Inc.	1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EK005-00	LADN40	Auxiliary Contacts	Schneider Canada Inc.	1	3
EK005-00	LADT0	Auxiliary Contacts - TIME DELAY	Schneider Canada Inc.	8	41
EK005-00	LADT2	Time Delay Block	EECOL Electric (Sask) Ltd.	5	22
EK005-00	LV429004	Circuit Breaker NSX100H	MERLIN GERIN	1	5
EK005-00	LV429005	Circuit Breaker NSX100L	MERLIN GERIN	1	1
EK005-00	LV429006	Circuit Breaker NSX100N	MERLIN GERIN	2	12
EK005-00	LV429030	100 Ampere Trip Unit	Schneider Canada Inc.	2	7
EK005-00	LV429031	80 Ampere Trip Unit	Schneider Canada Inc.	1	3
EK005-00	LV429032	63 Ampere Trip Unit	Schneider Canada Inc.	2	8
EK005-00	LV429034	40 Ampere Trip Unit	Schneider Canada Inc.	1	3
EK005-00	LV429121	50 Ampere Trip Unit	Schneider Canada Inc.	1	2
EK005-00	LV429122	25 Ampere Trip Unit	Schneider Canada Inc.	1	2
EK005-00	LV429154	25 Ampere Trip Unit	Schneider Canada Inc.	1	2
EK005-00	LV429841	NSX100N Anti-Black Out Breaker c/w TM80D Trip Unit	Schneider Canada Inc.	1	3
EK005-00	LV430430	160 Ampere Trip Unit	Schneider Canada Inc.	1	3
EK005-00	LV430431	125 Ampere Trip Unit	Schneider Canada Inc.	1	2
EK005-00	LV431405	Circuit Breaker NSX250L	MERLIN GERIN	1	4
EK005-00	LV431406	Circuit Breaker	Schneider Canada Inc.	1	1
EK005-00	LV431431	200 Ampere Trip Unit	Schneider Canada Inc.	1	5
EK005-00	LV432081	Adjustable Trip Unit	Schneider Canada Inc.	1	1
EK005-00	LV432538	Plug In Base Kit 3P NSX400-630	MERLIN GERIN	1	2
EK005-00	LV432693	Circuit Breaker NSX400N	MERLIN GERIN	1	1
EK005-00	M205631	Fuse 20A 690V 14mmx51mm		6	31
EK005-00	M94449	Fuse 25A, 660V, 14 x 51mm	Ferraz	2	12
EK005-00	RG 482MC	Autosynchronizer	Schneider Canada Inc.	1	1
EK005-00	W94250	Fuse, 0.5A, 500V, aM, 10 x 38mm, ceramic		10	61
EK005-00	XB2-BJ53	Selector Switch		1	2
EK005-00	XBC-D11213C12	Mode Select Switch		1	2
EK005-00	XBC-D11412M12	Selector Switch	Telemecanique	1	2
EK005-00	XBC-D19205M12	Selector Switch		1	2
EK005-00	XBC-D19302M12	Cam Switch		1	2
EK005-00	XBC-D19303M12	Selector Switch		1	3
EK005-00	XBC-D19601C12	Selector Switch	Telemecanique	1	4
EK005-00	ZB2-BE102	Auxiliary Contact		1	4
EK005-00	ZB2-BV01	Signal Unit Head, White	Telemecanique	4	20
EK005-00	ZB2-BV04	Signal Unit Head, Red		4	19
EK005-00	ZB2-BV05	Signal Unit Head, Yellow	Telemecanique	1	5
EK005-00	ZB2-BV6	Signal Unit	Telemecanique	2	7
EK005-00	ZB2-BZ103	Switch, Pushbutton	Telemecanique	5	24
EK005-01	X94251	Fuse 1A		6	30
EK005-01	XBC-Z1M12	Selector Switch Head	Telemecanique	1	5
EK005-02	TPB INS 113	Potential Transformer 450/220V 200VA		1	1
EK005-03	252-PAUU-LSBX	Undercurrent Relay	Crompton Instruments	1	3
EK005-03	252-PVAU-PQBX	Relay	Crompton Instruments	1	3
EK005-03	256-PLLU-PQBX	Relay		1	2
EK005-03	CA2-DC22M6	Relay	Telemecanique	1	3
EK005-03	CA2-DN22R6	Relay	Telemecanique	1	2
EK005-03	LA1 DC22	Auxiliary Contact	Telemecanique	1	2
EK005-03	LA1 DN13	Auxiliary Contacts	Telemecanique	1	2
EK005-03	TMAC INS 114	Potential Transformer 450/220V		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EK005-03	TPB INS111	Voltage Transformer, 600/115V, 20VA	MERLIN GERIN	1	2
EK005-03	XBC-D10314C12	SELECTOR SWITCH	Square D	1	2
EK005-04	32538	Back Plate for NS400 Circuit Breaker	MERLIN GERIN	1	2
EK005-04	32641	Motor Mechanism, MT400, for NS400N Circuit Breaker	SCHNEIDER	2	5
EK005-05	LV429273	9 WIRE FIXED CONNECTOR	Schneider Canada Inc.	4	19
EK005-05	LV429274	9 WIRE MOVING CONNECTOR	Schneider Canada Inc.	4	19
EK005-05	LV429275	SUPPORT FOR MOVING CONNECTOR	Schneider Canada Inc.	4	19
EK005-05	LV429276	Terminal Extension Long	Schneider Canada Inc.	2	13
EK005-05	LV429289	PLUG-IN KIT	Schneider Canada Inc.	5	24
EK005-05	LV429289	PLUG-IN KIT	Schneider Canada Inc.	2	7
EK005-05	LV429406	120V UNDER VOLTAGE TRIP	Schneider Canada Inc.	2	7
EK005-05	LV431790	COMPACT NS250X - Galley Breaker	Schneider Canada Inc.	2	5
EK006-00	252-PVUW	Undervoltage Relay		1	3
EK006-00	DL1-CE130	Bulb, 130V, 2.6W	SPECTRO	15	127
EK006-00	LA1-DN22	Auxiliary Contacts	Telemecanique	1	3
EK006-00	LA3-DR2	Auxiliary Contacts	Telemecanique	1	3
EK006-00	LC2-D0901M7	Relay, 220V (Order Alt)	Telemecanique	2	8
EK006-00	LV432693	NSX400N Breaker, Emergency Switchboard	Schneider Canada Inc.	1	2
EK006-00	N205632	Fuse 25A, 690V, gG, 14 x 51mm	Ferraz	15	132
EK006-01	785-946	Current Transformer		1	2
EK006-01	J81980	Fuse 1A, 500V, gG, 10 x 38mm, ceramic	EECOL Electric (Sask) Ltd.	5	24
EK006-01	J81980	Fuse 1A, 500V, gG, 10 x 38mm, ceramic	EECOL Electric (Sask) Ltd.	2	10
EK006-01	NSX400N	EBT2 - Circuit Breaker	Schneider Canada Inc.	1	2
EK006-01	Q97511	Neutral Tube		6	30
EK006-01	X94251 (see Alt P/N)	Fuse 1A, 500V, aM, 10 x 38mm	Jentronics Limited	6	29
EK006-01	XBC-D16012M12	Selector Switch		1	2
EK006-01	XBC-D19305M12	Selector Switch		1	2
EK006-01	XBC-D19317M12	Selector Switch		1	2
EK006-01	XBC-D19602C12	Selector Switch		1	2
EK006-02	A94254	Fuse 4A, 500V, aM, 10 x 38mm, ceramic		3	15
EK007-00	3MWORMS5-030	Fuse Holder	Siemens Canada Ltd	1	2
EK007-00	3NWOMFS2-002	Fuse 2A, 600V, 60Hz, HrcII (Use 2nd Alt)	Siemens Canada Ltd	8	54
EK007-00	CED63M015	Circuit Breaker, 15A, 600V	Siemens Canada Ltd	2	10
EK007-00	CED63M020	Circuit Breaker, 20A, 600V	Siemens Canada Ltd	2	9
EK007-00	CED63M030	Circuit Breaker, 30A, 600V	Siemens Canada Ltd	2	9
EK007-00	CED63M050	Circuit Breaker, 50A, 600V	Siemens Canada Ltd	2	10
EK007-00	CED63M100	Circuit Breaker, 100A, 600V	Siemens Canada Ltd	2	9
EK008-00	ED43B015	450V Circuit Breaker 15 Amp		2	9
EK008-00	ED43B020	450V Circuit Breaker 20 Amp		2	10
EK008-00	ED43B030	450V Circuit Breaker 30 Amp		2	10
EK008-00	ED43M015	450V Circuit Breaker 15 Amp (50C)		2	10

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EK008-00	ED43M020	450V Circuit Breaker 20 Amp (50C)		2	10
EK008-00	ED43M030	450V Circuit Breaker 30 Amp (50C)		1	2
EK008-00	LN1-E100	Lugs To Mounting Screw Kits		8	47
EK012-00	BQ2B015H	BQH 2 Pole Breaker 15A	Siemens Canada Ltd	2	12
EK012-00	BQ2B025H	BQH 2 Pole Breaker 25A	Siemens Canada Ltd	3	15
EK012-00	BQ2B030H	BQH 2 Pole Breaker 30A	Siemens Canada Ltd	2	10
EK012-00	BQHB020H	BQH 2 Pole Breakers 20A	Siemens Canada Ltd	2	12
EK014-00	LA2-DT0	Aux. Contacts (Obsolete, use P/N: LADT0)	Schneider Canada Inc.	1	5
EK020-00	350-348-877	Fuse Holder, 15A, 250V max	Terra Noval Marine Co Ltd	2	9
EK020-00	665-11111	Fuse 1A, 250V, FB, 1/4 x 1 1/4", glass tube	Buss	2	11
EK020-00	665-11112	Fuse 10A, 250V, QB, 1/4 x 1 1/4", glass tube	Buss	10	85
EK020-00	665-11113	Fuse 3A, 250V, FB, 1/4 x 1 1/4", glass tube	Buss	10	105
EK020-00	780-55555	Toggle Switch Large, 10A, 250V, 1 1/2 hp		2	9
EK020-00	780-8A2021	Toggle Switch Small	Troy	1	3
EK020-00	780-8A2021	Toggle Switch Small	Troy	1	3
EK020-00	780-8A2021	Toggle Switch Small	Troy	1	2
EK020-00	ABRALED-5G	Green LED	Terra Noval Marine Co Ltd	10	68
EK020-00	ABRALED-5R	Red LED	Jentronics Limited	8	40
EK020-00	DLCM2000-A	DUAL LAMP CONTROL MODULE	Terra Noval Marine Co Ltd	2	9
EK020-00	MB2000-A	Motherboard		1	2
EK020-00	PSM2000-A	Power Supply Module	Terra Noval Marine Co Ltd	1	2
EK027-00	142362	25KVA Transformer		1	1
EK027-00	142363	50KVA Transformer		1	1
EK029-00	AC1-A1-1	Control Unit		1	2
EK029-00	ERHL-2-24V	Hi/Low Voltage Alarm		1	2
EK029-00	P16R-AP120-2R1	Relay		1	2
EK029-00	P16S-DD24-1M1	Engine Cranking Relay		1	2
EK029-00	P17-600-040B1	Silicon Diode		1	2
EK029-00	P17-600-070B3	Diode		1	2
EK029-00	P8-C2-B35	Fuse 35A, 250V		10	61
EK029-00	S2C-47A-A14	Surge Protector		1	2
EK030-00	251-220-NTNT	Voltmeter 0 - 50 Volts DC	La Marche - Yokogawa	1	5
EK030-00	A46-20-24V	Battery Charger (Emerg)	La Marche	1	2
EK030-00	A46-30-24V	Battery Charger (Aux'y)	La Marche	1	3
EK030-00	P10-B2.0D-RMV	Led		1	5
EK030-00	P8-C1D-B17.5	Fuse, 17.5A, 250V, TD, 14 x 51mm, Class RK5 (ACF)		10	60
EK030-00	P8-C2-B50	Fuse 50A, 250V, (DCF)		15	115
EK032-00	032798	DC Solid State Ballast, Model 2D24-1-9, Input 24vdc	IOTA Engineering Co. Tucson, AZ	1	3
EK034-00	ARE-M024100A	Final Resource Battery Charger	C & D CHARTER POWER SYSTEMS	1	1
EK034-00	HRT24AC100	Final Res Battery Charger	C&D Charter Power Systems	1	1
EK034-00	JA-2031-150V	Surge Protector		1	2
EK034-00	JR706	DC Circuit Breaker		1	2
EK034-00	JR-721	AC Circuit Breaker		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EK034-00	JR-801	DC Circuit Breaker 125a		1	1
EK034-00	JS-548	Diode 125A		1	3
EK034-00	JS-826	Triac 30A		1	2
EK034-00	JS-852	Rectifier Assembly		1	1
EK034-00	NBC-2341-24	Shut Down Board		1	1
EK034-00	T-1845	Filter Choke		1	2
EK035-00	3NWOMFS2-002	Fuse 2A 600V (Use EK007-00-0003)	Siemens Canada Ltd	6	28
EK035-00	3SB12 18-6BH01	Pilot Light		1	5
EK035-00	3SB14 00-2H	Lamp Holder	Siemens Canada Ltd	1	3
EK035-00	ED22B015	Circuit Breaker		2	7
EK035-00	ED22B040	Circuit Breaker		2	8
EK035-00	ED22B060	Circuit Breaker		2	9
EK035-00	ED22B080	Circuit Breaker		2	9
EK035-00	ED42B125	Circuit Breaker		2	8
EK035-00	UG 140 P	Earth Fault Monitor		1	1
EK036-00	3SB12 18-6BH01	Pilot Light	Siemens Canada Ltd	1	4
EK036-00	3SB1200-0AB53	Pushbutton	C&D Charter Power Systems	1	3
EK036-00	3SB1400-0A (order Alt#)	Contact Block	Siemens Canada Ltd	2	8
EK036-00	3SB1400-0C (order Alt#)	Contact Block	C&D Charter Power Systems	2	8
EK037-00	10S D1LM	Auxiliary Contact		1	2
EK037-00	250240 LSNT	Ammeter 0-50A		1	2
EK037-00	250240 LSPB	Ammeter 0-75A		1	2
EK037-00	250240 LSPK	Ammeter 0-100A		1	2
EK037-00	2SFT-101	Current Transformer		1	2
EK037-00	2SFT-500	Current Transformer		1	3
EK037-00	2SFT-750	Current Transformer		1	2
EK037-00	A-NZM6	Shaft Extension		1	2
EK037-00	BA9SLED120W	LED Lamp 120VAC/DC BA9S Base	Jentronics	10	60
EK037-00	CL6-125-FORMCDN	Current Limiter		1	2
EK037-00	CL6-20-FORMCDN	Current Limiter		1	2
EK037-00	CL6-40-FORMCDN	Current Limiter		1	2
EK037-00	CL6-63-FORMCDN	Current Limiter		1	2
EK037-00	DIL0M/22	Contact 120V Coil		1	2
EK037-00	DIL1M/11	Contact 120V Coil		1	2
EK037-00	DIL1M/31	Contact 120V Coil		1	2
EK037-00	DIL2AM/22 120 V	Contact 120V Coil		1	2
EK037-00	DILA-22-XTRE10B22A	Contact Relay	EATON	1	2
EK037-00	DILER-22	Relay Hand/Auto		4	20
EK037-00	DILER-31	Relay 120V Coil		1	2
EK037-00	DILM32-XTEE11(RAC130)	Timer Module	EATON	1	2
EK037-00	GL 130	Filament Bulb BA9S 130V 2.4W	LITTEL FUSE	4	19
EK037-00	H-313.500	Fuse 0.5 A, 250V, SB, 1.4 x 1 1/4", glass tube	LITTEL FUSE	2	13
EK037-00	H-313.750	Fuse .75 Amp 75VA	Jentronics Limited	2	9
EK037-00	H6-SW-NAFORM3	Door Int. Handle		1	2
EK037-00	M22-DL-G/K11/230-G>D20	Illuminated Pushbutton	Klockner Moeller	1	3
EK037-00	M22-DZ-B-GB14>D20	Reset Button	Klockner Moeller	1	3
EK037-00	MLF-BL/F1	Pilot Light Blue		1	4
EK037-00	MLF-GN/F1	Pilot Light Green		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EK037-00	MLF-RT/F1	Pilot Light Red		1	2
EK037-00	MLF-WS/F1	Pilot Light White		1	5
EK037-00	MLT-GN/K11/F1	Illuminated Start		1	2
EK037-00	MLT-RT/K11/F1	Illuminated Stop		1	3
EK037-00	MLT-RT/K11/F1	Illuminated Stop		1	2
EK037-00	NDN-F1	Fuse Holder		2	10
EK037-00	NZM6B-100/ZM6.6-50-OBI	Circuit Breaker		1	2
EK037-00	NZM6B-100/ZM6-100-1200-OBI+NHI22	Circuit Breaker		1	2
EK037-00	NZM6B-100/ZM6-100-1200-OBI-CNA	Circuit Breaker		1	3
EK037-00	NZM6B-160/ZM6-125-2000-OBI-CNA	Circuit Breaker		1	2
EK037-00	NZM6B-63/ZM6-12-80-OBI-CNA	Circuit Breaker		1	2
EK037-00	NZM6B-63/ZM6-33-200-OBI-CNA	Circuit Breaker		1	2
EK037-00	NZM6B-63/ZM6-60-500-OBI-CNA	Circuit Breaker		1	3
EK037-00	NZM6B-63/ZM6-60-800-OBI+NHI22	Circuit Breaker		1	2
EK037-00	NZM6B-63/ZM6A-15-NA	Circuit Breaker		2	10
EK037-00	NZM6B-63/ZM6A-20-NA	Circuit Breaker		2	9
EK037-00	NZM6B-63/ZM6A-30-NA+NHI-22	Circuit Breaker		2	10
EK037-00	NZM6B-63/ZM6A-40-NA	Circuit Breaker		2	8
EK037-00	NZM6B-63/ZM6A-50-NA	Circuit Breaker		2	8
EK037-00	NZMB-6B-63/ZM6-60-800-OBI-CNA	Circuit Breaker		1	2
EK037-00	NZMH4-10-50-OBI-FORMCDN	Circuit Breaker		1	3
EK037-00	NZMH4-12-80-OBI-FORMCDN	Circuit Breaker		1	2
EK037-00	NZMH4-15-120-OBI-FORMCDN	Circuit Breaker		1	4
EK037-00	NZMH4-18-200-OBI-FORMCDN	Circuit Interr		1	2
EK037-00	T100-480/120	Transformer		1	2
EK037-00	T150-480/120	Transformer		1	2
EK037-00	T50-480/120	Transformer		1	2
EK037-00	T50-600/120	Control Transformer 50VA C/W Fuse		1	2
EK037-00	T75-600/120	Transformer		1	2
EK037-00	Z00-10	Overload Relay		1	2
EK037-00	Z00-16	Overload Relay		1	2
EK037-00	Z00-4	Overload Relay		1	2
EK037-00	Z00-6	Overload Relay		1	2
EK037-00	Z1-10	Overload Relay		1	2
EK037-00	Z1-40	Overload Relay		1	3
EK037-00	ZM6A-15-NA	Trip Block & Aux. Contact		1	2
EK037-01	EZ1	Overload Relay Base		1	2
EK037-01	MD-01/K10	Pushbutton		1	2
EK037-01	MWH1V/K11	Hand-Auto Selector		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EK037-01	NZM6B-160/ZM6-125-2000-CNA	Circuit Breaker		1	1
EK037-01	NZM6B-63/ZM6-50-320-OBI-CNA	Circuit Breaker		1	2
EK037-01	NZM6B-63/ZM6A-25-NA	Circuit Breaker		1	2
EK037-01	NZMH4-6.6-32-OBI-FORMCDN	Circuit Breaker		1	2
EK037-01	R405	Resistor		1	4
EK037-02	BBS1	Fuse, 1A, 600V, QB, 10.3 x 35mm, Fibre cartridge		5	24
EK037-02	NZM6B-63/ZM6A-15+NA+NHI-22	Circuit Breaker		1	2
EK037-02	NZM6B-63/ZM6A-40-NA	Circuit Breaker		1	2
EK038-00	B10T	Stack Overtemp Switch		1	2
EK038-00	B1CT50001	Current Transformer		1	2
EK038-00	B1CT6005	Current Transformer		1	2
EK038-00	B1G6M30A-1SQ	Single Pole Fuse Holder		1	2
EK038-00	B1G6M30A-3SQ	3 Pole Fuse Holder		1	2
EK038-00	B1L225J100	Space Heater		1	2
EK038-00	B1PCDVT/1L	Single Phase Dvdt.		1	3
EK038-00	B1SCR-15001850	SCR		3	15
EK038-00	B1T5751820	Synchro Transformer		1	2
EK038-00	B1TS421	Thermostat 10 Deg.C.		1	2
EK038-00	BIFU-M600-002	2A Midget Fuse 600 VAC		8	53
EK038-00	BIFU-M600-002	2A Midget Fuse 600 VAC		1	2
EK038-00	BIFU-M600-004	4A Midget Fuse 600 VAC		1	2
EK038-00	BIFU-M600-006	6A Midget Fuse 600 VAC		2	9
EK038-00	BIPCRS6-AK	6 Pulse Firing Card w/Ribbons		1	3
EK038-00	BIPCRS6-C	Current Override Card		1	4
EK038-00	C2200JA	Control Transformer		1	2
EK038-00	C306DN3/C306TB1	Overload Relay		1	2
EK038-00	FA-600	Fan Ventilation		1	2
EK038-00	FA-607	Fan Heatsink		1	2
EK038-00	LY2AC115V/PTF08 AE	Control Relay		1	2
EK038-00	MLT-GN/F1	Illuminated Start		1	2
EK038-00	MLT-RT/F1	Illuminated Stop		1	2
EK038-00	MWH3R/K20	Selector Switch ½ Amp Fuse		1	2
EK040-00	DSRS 3414NA000	30 Amp, 3 Phase, 600 Volt, MMS Crane Receptacles	Russell Stoll	1	2
EK041-00	DC-250	2.5" Camlock fitting	Stellar Industrial Sales Ltd.	2	11
EQ001-00	313	5.0W, T3 1/4, 28V, Clear, Chart Lights	GE Lighting	10	100
EQ001-00	64380	Photo Optic Lamp Halogen 6.6A, 200W		1	4
EQ001-00	100859	S90A Globes, explosion proof	GLAMOX CANADA	1	3
EQ001-00	814026	Fluorescent Fixture Spring Clip	Custom Made	1	4
EQ001-00	11171-6	50 Watt, MED. A19 Rough Service Lamp	LITECO - PHILIPS	20	232
EQ001-00	300PAR56/WFL	Dump Light for MOB	GLAMOX CANADA	2	12
EQ001-00	50ARS2P24RES	50 Watt Rough Service Bulb	Sylvania	10	88
EQ001-00	50ARS2P24RES	50 Watt Rough Service Bulb	Sylvania	4	20

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EQ001-00	8G3867W	Deckhead Lighting Ballast Fixtures #1,2,3,4,4,5,13 & 14,15,16,18	ALBRITE LIGHTING LTD	4	18
EQ001-00	CWH33-120-L	Electronic Fluorescent Ballast (For F20/T12)	GLAMOX CANADA	6	33
EQ001-00	DLT 1001	Fluorescent Light Fixture (type DLS RS 220 FR1 LL)	GLAMOX CANADA	1	4
EQ001-00	ETSF-20-TP	Fluorescent Lamp Ballast, Bunk Lighting, Single Lamp.	SOLA	3	15
EQ001-00	F14T5/830/ALTO	Fluorescent Lamp, 14W, 22 inch, miniature 2 pin base.	PHILIPS	6	34
EQ001-00	F20T12/CW	Fluorescent Lamp	PHILIPS	8	52
EQ001-00	F24T12/CW/HO	Lamp, fluorescent (outdoor sweepdeck lighting)	HD Supply Litemor	15	133
EQ001-00	GL-CL0074	Diffuser Lens for GRX, 28" x 10 3/8" x 1 1/2"	GLAMOX CANADA	8	38
EQ001-00	GL-CL0115	Diffuser, lens for GMP, 25 3/4" x 9 3/16" x 1 1/2"	Concept Plastics Inc.	3	16
EQ001-00	GSB-5001	Desk Lamp	GLAMOX CANADA	2	7
EQ001-00	Haskell 25T10/CL	Bulb 130V, 25W for Ops Room State Board	HASKELL	4	20
EQ001-00	HBL5258	Receptacles for Brass Outlets (singles) 125V 15A	Hubbell	10	66
EQ001-00	J120V - 1000W/L	Tungsten Halogen Lamp (Sweepdeck Flood Lights)		2	8
EQ001-00	LS-2-220	Fluorescent Light Fixture, 40w, 0.55A, 120v	GLAMOX CANADA	1	2
EQ001-00	MH400/T15	Metal Halide Lamp Sweepdeck floods	PHILIPS LIGHTING	6	33
EQ001-00	NVK 61	W/T Receptacle Box Covers (Kondu V61) Face Plate, Recept & Cap.		6	32
EQ001-00	RED LENS	Red Lens, Sweepdeck Flood Lights, 12" X 7.5"	PROVINCIAL	1	5
EQ001-00	Reflector-Red	Fluorescent Tube Reflector-Red	GLAMOX CANADA	5	24
ER001-00	3132002	Aqua Signal Reading/Chart Light (Dimmable Red Lamp)		1	2
ER001-00	904-00247/R	Bulb Red, 24V, 5W (Red)	Aqua Signal	8	50
ER001-00	904-00247/R	Bulb Red, 24V, 5W (Red)	Aqua Signal	2	8
ER001-00	904-00247/R	Bulb Red, 24V, 5W (Red)	Aqua Signal	1	4
ER002-00	18100	Thermoswitch, 10A,120v, 5A/240v, -100 to 600F, preset 40F	Airchime Manufacturing Co Ltd.	1	3
ER002-00	30111	Diaphragm Disc (2 per horn)	Airchime Manufacturing Co Ltd.	2	10
ER002-00	30112	Cushion Ring (1 per horn)	Airchime Manufacturing Co Ltd.	1	5
ER002-00	30211	O-ring (1 per horn)	Airchime Manufacturing Co Ltd.	2	13
ER002-00	40061	Repair Kit, Air Compressor, For 40017 compressor	Airchime Manufacturing Co Ltd.	1	3
ER002-00	535F471.100	1/2" Hose Assembly c/w Swivel & Adapter	Airchime Manufacturing Co Ltd.	2	12
ER002-00	AI-11401	AT-Will Switch		1	2
ER002-00	AI-15628	Selector Switch		1	2
ER002-00	AI-15629	Pushbutton		1	2
ER002-00	AI-15630	Switch		1	2
ER002-00	AI-15636	Pushbutton		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER002-00	AI-15637	Indicator Light Green		2	12
ER002-00	AI-15638	Indicator Light Red		2	7
ER002-00	AI-15648	Relay		1	2
ER002-00	AI-40007-1	Filter		1	5
ER002-00	AI-40010	Coupling		1	3
ER002-00	AI-40013	Heater Assembly	Airchime Manufacturing Co Ltd.	1	3
ER002-00	AI-40015	Bell Assembly, WHISTLE (EC Order Alt)	Airchime Manufacturing Co Ltd.	1	3
ER002-00	AI-40017	Compressor Assembly		2	5
ER002-00	AI-40072	Motor Contactor		1	4
ER002-00	AI-77002	Navigation lamp, tungsten, 110V, 60W, P28S base	CALEX	10	69
ER002-00	AI-BSSAGC3	Fuse 3A, 250V, 1/4x1 1/4", Glass tube	Albrite Lighting Ltd	4	20
ER002-00	DHR-70	Whistle Light		1	2
ER006-00	2183.15	Fuse 3.15A, 250V, TD, 5x20mm, Glass Tube		4	19
ER006-00	9504	Bridge Rectifier		1	2
ER006-00	218001	Fuse 1A, 250V, Slo Blo, 5x20mm, glass tube		10	80
ER006-00	701062	Digital Speed/Distance Display, SD1-2 Display	Consilium Marine AB	1	2
ER006-00	701491	Toroidal Transformer for LEB	Consilium Marine AB	1	2
ER006-00	705050	Transducer With 30m Cable Incl. Accessories (71-21433-32)	Consilium Marine AB	1	1
ER006-00	00-00500-19	Radial Seal	Consilium Marine AB	1	5
ER006-00	71-21431-29A	PCB Unit, Complete	Consilium Marine AB	1	2
ER006-00	71-21504-00	Zinc Ring	Consilium Marine AB	1	2
ER006-00	71-21533-00	Cable Bush With O-ring	Consilium Marine AB	1	3
ER006-00	71-21536-00	Screw FS 10x35	Consilium Marine AB	1	5
ER006-00	71-21538-00	Fiber Gasket	Consilium Marine AB	1	3
ER006-00	71-21540-00	MSSBSV, BOTTOM PARTS MOUNTING SET, SINGLE BOTTOM WITH SEA VALVE		1	1
ER006-00	71-21544-00	Sea Valve	Consilium Marine AB	1	1
ER006-00	77-71152-01	ULEB Card	Consilium Marine AB	1	2
ER007-01	125-EN101C-SA	Echo/Depth Sounder, GDS101	Skipper Electronics A/S	1	3
ER007-01	125-GDS-101 CDROM	CD-ROM w/ Manuals Operation/Installation/Service	Skipper Electronics A/S	2	11
ER007-01	125-GDS-101 MANUAL	Operation and Install Manual, GDS-101	Skipper Electronics A/S	1	3
ER007-01	125-GDS-101 SERVICE	Service Manual, GDS-101	Skipper Electronics A/S	2	10
ER007-02	125-ETN050T	Transducer, 50 KHz x 25M cable, with Junction box TEF20-79	Skipper Electronics A/S	2	8
ER007-02	125-ETNST	Tank, Transducer, DNV approved	Skipper Electronics A/S	2	7
ER007-03	125-ENIR301	Remote, Depth indicator NMEA Input, IR301	Skipper Electronics A/S	1	4
ER007-03	125-IR30DIM	External Dimmer for IR301	Skipper Electronics A/S	2	9
ER007-03	61C22-01-04-02	Grayhill Optical Encoder Switch	Grayhill	1	4
ER007-04	125-EN105B	AE Printer for GDS-101 (120-240V)	Skipper Electronics A/S - EPSON	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER008-00	05106	Wind Monitor, RM Young Wind Monitor 40FT Lead	BLUE SKY INSTRUMENTS	1	3
ER008-00	15-CAM-413035A	RADIATION SHIELD	Atlantic Electronics Limited	2	7
ER008-01	26725	Wind Input Module	Campbell Scientific	1	2
ER008-01	26800	Meteorological Display	R.M Young	2	5
ER008-01	41003-X	Radiation Shield 10 Plate Threaded	RM Young	1	5
ER008-01	41382VC	Humidity & Air Temperature Probe	RM Young	1	4
ER008-01	C2096	Interface Cable	RM Young	1	3
ER008-01	CS106	PTB-100 Barometric Pressure Sensor 500mb- 1100mb 2.5" lead	RM Young	1	4
ER008-01	DL2450	BATTERY		8	38
ER008-01	WDD24-0.6A5D1- LF	TRANSFORMER		1	2
ER008-02	26700-27	Programmable Translator		1	2
ER008-03	MX201	Barometer	Maximum Weather Instruments	1	2
ER008-05	15-CAM-HMP-60	TMP REL HMD SENSOR c/w cable	Campbell Scientific Canada Corp.	1	4
ER010-00	7000 000-359	R4 Nav DGPS Antenna (Order Alt)	Saab Technologies Canada	1	3
ER010-00	7000 108-035	R4 Nav System Display	Saab Technologies Canada	1	3
ER010-00	7000 108-132	M4 Power Cable	Saab Technologies Canada	1	3
ER010-00	7000 108-133	M4 Signal Cable	Saab Technologies Canada	1	3
ER010-00	7000 109-011	R4 Nav Sensor Cable	Saab Technologies Canada	1	3
ER010-00	7000 109-121	J4N Junction Box	Saab Technologies Canada	1	3
ER010-00	7000 109-140	R4 Nav DGPS Sensor	Saab Technologies Canada	1	2
ER010-00	7000 109-140	R4 Nav DGPS Sensor	Saab Technologies Canada	1	2
ER010-00	ND1A	Navigation Signal Extender	Saab Technologies Canada	1	2
ER010-00	NG2B	Gyrocompass Interface	Saab Technologies Canada	1	2
ER011-00	115-12-6	LORAN C POWER SUPPLY	Newmar	1	2
ER011-00	23052-7155	Lamp For Rotary Switch		2	12
ER011-00	GMA2A	Fuse 2A, 250V, FB, 5 x 20mm, glass tube		10	99
ER014-00	A-200012	OCP Desktop, PS2 Keyboard/PS2 Trackball/Serial alarm Assy	Offshore Systems International L	1	2
ER014-00	A-300008	RMon/RPlan Backup & Serial Exp Panel, 19"	Offshore Systems International L	1	1
ER014-00	A-8081	Interface Cable	Offshore Systems International L	1	3
ER014-00	D-100055	Monitor Adapter Plate	OSI Maritime Systems Ltd.	1	2
ER014-00	L100018	Trackball Cover	OSI Maritime Systems Ltd.	1	2
ER014-00	L100019	Keyboard Cover	OSI Maritime Systems Ltd.	1	2
ER014-00	P-300343	19" Monitor, LCD	OSI Maritime Systems Ltd.	1	1
ER014-02	P-300029	Trackball, 2", Serial/PS2	Offshore Systems International L	1	1
ER015-00	25303	Armature	Repaired by Fader Agencies.	1	2
ER015-00	52008	Clearview Window Motor, Speich	SPEICH	1	1
ER015-00	50816T	Clear View Screen (Temporary)		1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER015-00	BUSS GDC-315mA	Fuse 315mA for Bridge Windows	NEDCO-Division of Westburne	10	109
ER016-00	1279-106	Vee Belt, 30" Stroke (760mm)	M. Kool Transportation Products	1	5
ER016-00	1279-157	Idler Pulley Spring	M. Kool Transportation Products	1	5
ER016-00	1279-233	Heavy Duty Blade Assembly (wiper) 600MM length	M Kool Inc.	1	5
ER016-00	1490-000-GA65	Wiper Motor	Spar Marine	1	1
ER016-00	1588-004	Connecting Rod Sub Assembly	M. Kool Transportation Products	2	8
ER016-00	1588-005	Carriage Plate Assembly - With Rollers	M. Kool Transportation Products	2	7
ER016-00	1588-010	Heater Assembly		1	4
ER016-00	1588-012	Self Parking Assembly		1	4
ER016-00	1588-012	Self Parking Assembly		1	2
ER016-00	1588-113	Guide Roller Nut	M. Kool Transportation Products	2	10
ER016-00	1588-452	Idler Pulley Assembly - With Springs	M. Kool Transportation Products	1	2
ER016-00	1588-469	Blade Arm Assembly		2	8
ER016-00	1588-472	Motor Option	M. Kool Transportation Products	1	2
ER016-00	1588-490	Idler Pulley Guides (Set)	M. Kool Transportation Products	1	3
ER018-00	45.561	Fuse 8A, 250V, QB, 5 x 20mm, glass tube(Interface Unit)	ELU	6	31
ER018-00	45.561	Fuse 8A, 250V, QB, 5 x 20mm, glass tube(Interface Unit)	ELU	1	4
ER018-00	600100	TX-Exciter Unit 300	Sailor	1	2
ER018-00	603697	Antenna Relay 500	Sailor	1	2
ER018-00	603713	Interface Unit 600	Sailor	1	2
ER018-00	603717	Receiver Unit 100	Sailor	1	2
ER018-00	603718	RX-Synthesizer Unit 200	Sailor	1	2
ER018-00	603721	TX-Power Amplifier Unit	Sailor	1	2
ER018-00	802186	Remote Box H410	Sailor	1	3
ER018-00	806570	Control Unit C403	Sailor	1	2
ER018-00	LRM400	WIRE ECOFLEX 10/50 OHM LOW LOSS (SAILOR)	A/S S.P. RADIO	15	115
ER019-00	EM-81	Speaker-microphone	ICOM	1	2
ER019-00	HAD9337 (NAD6502AR)	VHF Antenna, for Portable		1	5
ER019-00	HLN9720A	High Power Leather Carry Case W/Beltloop	Motorola Canada Ltd.	2	8
ER019-00	HMN9725A	Remote Speaker Microphone	Motorola Canada Ltd.	2	7
ER019-00	HNN9987A	7.5V NiCad Battery	Motorola Canada Ltd.	2	7
ER019-01	AD-67	Desktop Charger Adapter	ICOM Industrial and Commercial S	1	2
ER019-01	BC-119	Desktop Charger	ICOM Industrial and Commercial S	1	3
ER019-01	HTN9702A	16 Hour Single Unit Desk Charger	Motorola Canada Ltd.	1	5
ER020-00	600009	Receiver	Espera	1	2
ER020-00	600012	RX-Synthesiser	Espera	1	2
ER020-00	600013	TX-Power Amplifier	Espera	1	2
ER020-00	600015	Interface Unit		1	2
ER020-00	600016	Keyboard Unit		1	2
ER020-00	600122	Filter Unit		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER020-00	700084	Duplex Filter		1	1
ER020-00	727501	Microtelephone		1	2
ER020-00	800420	DC Power Supply 24V		1	2
ER020-00	406222A	VHF DSC Class A, Sailor 6222 Radio	A/S S.P. RADIO	1	2
ER020-00	SC225M-HF4\$NF	VHF Antenna	A/S S.P. RADIO	2	8
ER020-00	VTC180-32-12	DC Power Supply Converter 24V	CMC Electronics	1	2
ER021-00	0020.7430.00	Fuse 1A, 250V, SB, 5x20mm, glass tube, DIN 41517		10	106
ER021-00	0020.7430.00	Fuse 1A, 250V, SB, 5x20mm, glass tube, DIN 41517		1	4
ER021-00	0020.7498.00	Fuse 1.6A, 250V, SB, 5x20mm, glass tube		6	33
ER021-00	0020.7498.00	Fuse 1.6A, 250V, SB, 5x20mm, glass tube		1	4
ER021-00	0020.7630.00	Fuse 6.3A, 250V, SB, 5x20mm, ceramic		4	18
ER021-00	0520.4858.00	Fuse 20A, 32V, QB, 10 x 38mm, glass tube		6	32
ER021-00	0520.4858.00	Fuse 20A, 32V, QB, 10 x 38mm, glass tube		1	4
ER021-00	0583.6012.02 (HMD- 410-6)	Dynamic Headphone/Microphone Type GA015	S113/GER(1) Sennheiser	1	2
ER021-00	21-469-1	N Right Angle Joiner		1	3
ER021-00	6037.9500.02	POWER SUPPLY IZ450		1	2
ER021-00	6038.8707.23	XD423U5 UHF XCVR C/W Guard		1	1
ER021-00	6040.8446.12	G1417U Guard Receiver Connect		1	2
ER021-00	AGC-1/10	Fuse 1/10A, 250V, FB, 1/4" x 1 1/4"		10	89
ER021-00	AS-1	GUARD SPEAKER	Bogen	1	3
ER021-00	SLR7124R	LED		2	7
ER021-02	0637.3715.02	ZT295 Test Set (UHF Filter program unit)	Rohde & Schwarz Canada Inc	1	1
ER021-02	633.8012.02	FD221 UHF AUTOMATIC FILTER		1	1
ER021-03	0555-271-01	Speaker Assembly		1	2
ER021-03	6048.9941.03	DC/100W FM Interface		1	2
ER021-03	UHF-RF	RF Connector Cable, 12" (Helix cable to Antenna base)	Atlantic Electronics Limited	2	9
ER023-00	371-00012	Filter, Power, VB		1	3
ER023-00	403-00003	LED, Panel Mount, Green	Electro Sonic Inc.	1	5
ER023-00	403-00005	LED, Yellow	Electro Sonic Inc.	1	5
ER023-00	542-00004	Fuse 1A, 250V, 1/4 x 1 1/4", SB, Glass Tube		4	20
ER023-00	908-00136	Handset & cable assembly, RED	Victoria Marine Electric Ltd	2	8
ER023-00	925-00057	Power Supply, GHOF IDA		2	7
ER024-00	47716614	Reflector	Francis Searchlights (1990) Ltd	2	10
ER024-00	477110430	Shutter Stop Assembly	Francis Searchlights (1990) Ltd	5	24
ER024-00	477111534	Damping Strip (Rubber Channel)	Francis Searchlights (1990) Ltd	4	19
ER024-00	47709893 (Obsolete - See PC 0174 / 0175)	Lamp - Incandescent 115V 1300W	Britmar Marine	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER024-00	47709893 (Obsolete - See PC 0174 / 0175)	Lamp - Incandescent 115V 1300W	Britmar Marine	1	2
ER024-00	88622 EGT	Lamp - Halogen 120V 1000W (replaces PC 0002)	Albrite Lighting Ltd	2	9
ER024-00	C24466-01	Lamp Holder Conversion Kit G22 110V Incl. Lamp	Francis Searchlights (1990) Ltd	1	5
ER025-00	09138	Battery Charger 12V	KELVIN HUGHES LTD	1	5
ER025-00	KELBAT 12	KELBAT - 12V Battery in Wooden Carrying Case (Entire Unit)	Galaxy Battery	1	4
ER025-00	SIG0020	KELGRN - Green Colour Filter		1	4
ER025-00	SIG0025	KELDIM - Light Reduction Screen		1	4
ER025-00	SIG0030	KELBUL - 12V Bulb	Associated Marine	1	3
ER025-00	SIG0030	KELBUL - 12V Bulb	Associated Marine	1	3
ER029-00	3501F	Filter (For ER029-00-0002)	Kooltronic	1	4
ER029-01	915 COM3-0001	CCMS Computer	Emcon Emanation Control Ltd	1	1
ER029-04	RF940-01	Black Matrix Signal Switch	Harris Corp RF Co	1	2
ER030-02	SUA1500R2X93	UPS, APC 1500VA, 120v	APC	1	3
ER030-03	5710A/MD001	Modem	Harris Corp RF Co	2	6
ER030-07	14804064	Intellicon-4 RS485 I/O Card c/w cables	Thales Canada	1	3
ER030-07	356-905-542	Poly Pad Air Filter (4" X 5" X 1/2")	Filtration Plus Limited	8	47
ER030-07	5064-9192	Video Card	Thales Canada	1	2
ER033-00	25028	Sounder	Atlantic Aero Marine	1	5
ER033-00	ABW 120-R	Check Fire Push (On Pushbutton/Switch Enclosure	Idec Corporation	1	2
ER033-00	ASW 211	Safe to Fire Switch	Idec Corporation	1	2
ER033-00	HMC 29H121A	Back Plate, Check Fire Bell	Thomson-CSF Systems Canada	1	3
ER033-00	TW-C01	Contact		2	7
ER033-00	TW-C10	Contact		1	5
ER033-00	UATV-10 BELL	Check Fire Bell (order 4th Alt)	D & L Eng Sales Ltd.	2	8
ER034-01	61-301-0	Sounder (SONAR ALERT)	R029/GBI(1) REDIFON LIMITED	1	2
ER034-01	A0103-05 (use Alt P/N)	Headset with Microphone - (Skinny 'Lemo' Plug)	Rescom Sales Inc./SED Inc	2	10
ER034-01	A0103-05 (use Alt P/N)	Headset with Microphone - (Skinny 'Lemo' Plug)	Rescom Sales Inc./SED Inc	2	10
ER034-01	A0106	Directory Label Kit	Thales Canada	2	7
ER034-01	A0108	Gen Handle Assembly		1	4
ER034-01	A0109	Handset Assembly	Victoria Marine Electric Ltd	1	4
ER034-01	A0114	Generator Mag Assembly		6	27
ER034-01	A0120	Sealing Gasket		2	9
ER034-01	A0135	Rear Moulding		1	3
ER034-01	A0853/01	Headset Socket Box	R029/GBI(1) REDIFON LIMITED	1	2
ER034-01	SPT9010	Self powered telephone (See Part Code 0001)	R029/GBI(1) REDIFON LIMITED	1	1
ER034-01	SPT9010	Self powered telephone (See Part Code 0001)	R029/GBI(1) REDIFON LIMITED	1	1
ER034-02	SPT9011	Self powered telephone (See Part Code 0001)	Redifon Mel Ltd. (SPT Division)	1	4
ER034-03	PJ12106T	Enclosure, 40mm Gun Mount	Redifon Mel Ltd. (SPT Division)	1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER034-03	PJ12106T-Cable	Connection cable for enclosure 40 MM Gun Mount (East Coast only)	Redifon Mel Ltd. (SPT Division)	1	3
ER034-03	PJ12106T-Fitted	Enclosure 40 MM Gun Mount, complete with phone	Redifon Mel Ltd. (SPT Division)	1	3
ER038-00	11434	Speaker (Cone section only)		1	4
ER038-00	13227	Mini-Lamp 30V, 20ma, side contacts		10	68
ER038-00	13229	Switch Mom		2	8
ER038-00	13352	Switch Latch		1	4
ER038-00	14225	Entertainment Select PCB		1	3
ER038-00	14558	L.S. Amp PCB		1	2
ER038-00	14695	Transformer		1	4
ER038-00	14805	Signal Route PCB		1	2
ER038-00	14811	Diode PCB		1	1
ER038-00	15082	Call Gen. PCB	Thales UK Ltd.	1	2
ER038-00	15827	Audio I/F PCB		1	2
ER038-00	16445	Microphone & Plug Assembly (NET Workshop Only)	TELEX	1	2
ER038-00	18220	Relay 24vdc 2P C/O	Omron	1	5
ER038-00	19009	Relay 24v	RS Components	1	3
ER038-00	19558	MIC I/P PCB		1	4
ER038-00	19767	600 ohm Line Driver PCB (MOD)		1	2
ER038-00	23812	Filter		6	29
ER038-00	24488	Power Supply Unit 12V (Model HSU 100-21)		1	2
ER038-00	24639	Thermostat		1	2
ER038-00	25391	Fan		1	3
ER038-00	15-NAV-20564	2/4 Wire E&M PCB		1	2
ER038-00	20311/46/ALM	Alarm PCB		1	2
ER038-00	25400 (Use 2nd ALT P/N)	Power Supply Unit 24V	Victoria Marine Electric Ltd	1	3
ER038-00	6270C	Integrated Circuit chip, GPS SC SL6270C 9629A for Mic Input PCB		8	40
ER038-00	805-2000	Prosine, Model PS2.0/12/120HW - OLD STYLE	XANTREX	1	1
ER038-00	805-2000 KEY	PROSINE KEYPAD	XANTREX	1	2
ER038-00	809-0921	Prosine, Xantrex Control Panel	XANTREX	1	5
ER038-00	809-0942	Xantrex Network Cable	XANTREX	1	3
ER038-00	815-2012-01	PROSINE, XANTREX FREEDOM SW, 2000 WATT (NEW MODEL)	XANTREX	2	5
ER038-00	815-2012-01	PROSINE, XANTREX FREEDOM SW, 2000 WATT (NEW MODEL)	XANTREX	1	2
ER038-00	A0622-02	Main Amp		1	2
ER038-00	A0689-01	Circuit Breaker Panel		1	2
ER038-00	A0700-02	Amplifier PA300B	Thales UK Ltd.	1	1
ER038-00	CPS2T	Power Amplifier (1160 watt - 10 line)	ElectroVoice	1	1
ER038-01	10793	Light 110-120V/60W SBC Bulb		8	48
ER038-01	10793	Light 110-120V/60W SBC Bulb		1	4
ER038-01	17398	Mini-Lamp T1. 3/4 (28V 40ma) (Intercom Control Station)	GE	20	222

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER038-01	25340	Switch Mom.		2	7
ER038-01	25341	Switch Latch		2	7
ER038-01	10790/BLU	FLASHING BEACON		1	3
ER038-01	18976/6.3A	Fuse 6.3A 5x20 Glass		6	28
ER038-01	9713 (Base Unit)(see ALT)	Telephone Handset Base Unit for ICS Mission Ctrl Stn		1	2
ER038-01	A0495-01	Intercom Control Station Complete		1	3
ER038-01	A0622-04	Main Amp		1	2
ER038-01	A0624-01	Display PCB		1	2
ER038-01	A0636-01 (Use Alt: D070-126)	Headset Assy with Microphone/inline Switch with PTT Switch - (Fat Amphenol Plug)	Victoria Marine Electric Ltd	2	10
ER038-01	A0636-01 (Use Alt: D070-126)	Headset Assy with Microphone/inline Switch with PTT Switch - (Fat Amphenol Plug)	Victoria Marine Electric Ltd	1	4
ER038-01	A0720-01	Control PCB Assembly		1	3
ER038-01	A0725-02	Telephone PCB		1	3
ER038-01	CUSHION	Headset Ear Cushions (Two per Set)	Redifon Mel Ltd. (SPT Division)	2	8
ER038-01	EXTENSION CABLE	Extension Cable - Fat Amphenol Connectors	Redifon Mel Ltd. (SPT Division)	1	2
ER038-01	HC116W/G3	Telephone Handset	Rescom Sales Inc./SED Inc	2	10
ER038-02	25390	Switch Mom.		1	4
ER038-02	23172 (use second Alt)	MICROPHONE Astatic Model 522	Indus Electronics	2	13
ER038-02	23172 (use second Alt)	MICROPHONE Astatic Model 522	Indus Electronics	1	5
ER038-02	A0497-01	IC Unit (Bulkhead Socket Box)	Thales Canada	1	2
ER038-03	A0790/02	PA100B Audio Amplifier	REDIFON	2	7
ER038-04	17864	W/P Loudspeaker HP 8T (Order with 6 ft cord)	DNH Loudspeakers	6	31
ER038-04	17864	W/P Loudspeaker HP 8T (Order with 6 ft cord)	DNH Loudspeakers	2	9
ER038-04	17864	W/P Loudspeaker HP 8T (Order with 6 ft cord)	DNH Loudspeakers	1	2
ER038-04	18976/10A	Fuse 10A, 250V, 5x20mm, SB	Jentronics Limited	8	55
ER038-05	24709-01	Cabinet Loudspeaker	Redifon Mel Ltd. (SPT Division)	1	2
ER038-05	HP-15T	Loudspeaker, 15W	Indus Electronics	2	11
ER038-05	MM2TC	W/P Loudspeaker DNH	Indus Electronics	1	3
ER039-00	21110	Line Jack 2/4A Plain	Redifon Mel Ltd. (SPT Division)	2	9
ER039-00	006544-VM2-PAK	Handset, for telephone FM905		2	7
ER039-00	19181/5A	Fuse 5A, 250V, SB, 5x20mm, ceramic, T 5A		5	24
ER039-00	255400-VBA-20M 06/07 A4 HAC	Black Phone	CORTELCO	1	5
ER039-00	50F-50F-2FT	J Connector (used with SX-50 & 410 telephones)	Mitel Corporation	1	2
ER039-00	9104-001-000-SA	Power Supply	Mitel Corporation	1	3
ER039-00	9104-010-100-SA	Comm. Control Board		1	3
ER039-00	9104-020-001-SA	ONS Line Card	Delphi Solutions	1	2
ER039-00	9104-021-001	COV Line Card	Mitel Corporation	1	2
ER039-00	9104-024-001-NA	DNIC Line Card	Mitel Corporation	1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER039-00	9104-030-101-SA	LS/LG Trunk Card	Allstream Inc	1	1
ER039-00	9104-040-000-SA	Universal Card		1	3
ER039-00	9104-060-101-SA	Attendants Console	Delphi Solutions Inc.	2	4
ER039-00	A-3545S	Filter 600OHM Telephone		1	3
ER039-00	AAAF13653	Superset 410 Light (Brow Phone)	Mitel Corporation	2	11
ER039-00	API2563	Jetty Telephone Connector	Simex Defence Inc.	6	34
ER039-00	FANWR2H1	Fan (C/W 3 Parts)		1	3
ER039-00	FLT 10S1	Core Comm. Filter	Redifon Mel Ltd. (SPT Division)	1	2
ER039-00	FM905	Telephone	MITEL CORPORATION	2	9
ER039-00	Fuse 15A	Fuse 15A, 32V, QB, 1/4 x 1 1/4, glass tube, Tel 15		6	34
ER039-00	Q1T-00300-341	Timer		1	2
ER039-00	R10-E1-X2 V700 24VDC/952701	RELAY	Redifon Mel Ltd. (SPT Division)	1	5
ER039-00	SK3113	Thermostat		1	2
ER039-00	Tel 3A Fuse (Use 2nd Alt P/N)	Fuse 3A Fast Blow 250V 1/4 x 1 1/4 Glass		5	24
ER039-00	Tel 3A Fuse (Use 2nd Alt P/N)	Fuse 3A Fast Blow 250V 1/4 x 1 1/4 Glass		1	4
ER039-00	Tel 5A Fuse	Fuse 5A Fast Blow		5	22
ER040-00	16361	Radio RR101		1	2
ER040-00	17715	Cassette CPR203		1	2
ER040-00	25281	Antenna Amplifier		1	2
ER040-00	25319	OMNI-Directional Dome Antenna MK22CA		1	2
ER040-00	10522/1A	Fuse 1A A/S		2	12
ER040-00	10522/1A	Fuse 1A A/S		1	4
ER040-00	10522/500mA	Fuse 500mA, 250V,TD, 5 x 20mm, ceramic, A/S		3	15
ER040-00	18976/1A	Fuse 1A 20mm		2	10
ER040-00	18976/500mA	Fuse 0.5A, 250V, SB, 5 x 20mm, glass tube		6	28
ER040-00	F19253BC	19" Color Television		1	2
ER041-00	A3331	CCA PB8		1	2
ER041-00	AGC-2	Fuse, 2A, 250V, FB, 1/4x1 1/4", glass tube		4	20
ER041-00	EA-351A	Adcock Antenna	Simrad Mesotech Systems Ltd	1	1
ER041-00	TD-L1630	VHF Automatic Digital Direction Finder (Replaces TD-L1520)	Simrad Mesotech Systems Ltd	1	1
ER042-00	0555101-01	Antenna Support	Thales Canada	1	2
ER042-00	0555101-02	Gasket	Thales Canada	1	5
ER044-00	AG-2530P	Voice Recorder, Panasonic	Matsushita Electric of Canada Lt	1	2
ER045-00	MV-10S	Loudhailer	FANON	1	3
ER047-00	11565-04-A/06 C	Rear Nut Assembly	Kern Engineering and Mfg. Corp.	2	7
ER047-00	KDM001-25CA5J N	Backshell	Kern Engineering and Mfg. Corp.	2	12
ER047-00	KDM001-9CA5J N	Backshell	Kern Engineering and Mfg. Corp.	2	7
ER050-00	0555146-1	Morse Key		1	2
ER050-00	10249-1040	Voltage Regulator Assembly		1	2
ER050-00	10249-1300	Power Supply		1	2
ER050-00	10249-1700	Control Board Assembly		1	1
ER050-00	10249-1740	XCVR Interface PWB		1	2
ER050-00	10249-2000	Front Panel Assembly		1	1

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER050-00	10249-3150	Coupling Capacitor		1	1
ER050-00	10462-0551-01	Cable Retractor Assy	Harris Corp RF Co	1	1
ER050-00	10474-0156	EMI Filter		1	2
ER050-00	6049-2016	Nut Bar	Harris Corp RF Co	1	2
ER050-00	8949-1209	FW ¼ Teflon Coated		3	15
ER050-00	902-1962	Corona Washer	Harris Corp RF Co	3	15
ER050-00	B21-0005-230	Blower 230V		1	2
ER050-00	F-0011	Fuse 1.5A, 250V, QB, 1/4 x 1 1/4", glass tube		8	40
ER050-00	F02B125V5A	Fuse 5A, 250V, SB, 1/4 x 1 1/4", glass tube		15	166
ER050-00	F03-0002-034	Fuse 10A, 600V, Class J, Time Delay, 21 x 57mm		10	68
ER050-00	F03-0004-016	Fuse 4A,250V, SB Ceramic, 1/4" x 1 1/4"		4	20
ER050-00	H34-0034-005	Hex Nut Spirallock	Harris Corp RF Co	4	20
ER050-00	H41-0002-008-139	LW PLN BVGZ SPLT 3/8		3	15
ER050-00	H-6610	Panel Screw, 10 - 32 x 5/8	Harris Corp RF Co	2	10
ER050-00	MS15795-614	Washer		3	15
ER050-00	MS15795-808	Flat Washer, SS .219 x .438 x .049	Harris Corp RF Co	6	28
ER050-00	MS24679-207	Cap Nut		3	15
ER050-00	MS24693-C272	Screw FHS SS 1- 32 x 1/2	Harris Corp RF Co	2	10
ER050-00	MS35307-308	Bolt		3	15
ER050-00	MS35338-138	Lock Washer, SPLT # 10 SS	Harris Corp RF Co	3	15
ER050-00	MS51958-61	Screw, PHS SS 10-32 x 3/8	Harris Corp RF Co	6	26
ER050-00	MS51958-64	Screw - PHS SS 10-32 x 5/8	Harris Corp RF Co	1	3
ER050-00	N20-0004-001	LED RED		10	72
ER050-00	N20-0004-011	LED GREEN	Albrite Lighting Ltd	8	53
ER050-00	N20-0004-011	LED GREEN	Albrite Lighting Ltd	2	11
ER050-00	N20-0004-021	LED YELLOW		8	45
ER050-00	RF-2602	HF Coupler Status Monitor c/w Test Cable		1	1
ER050-00	S90-0015-007	Circuit Breaker 5A		1	2
ER050-00	S90-0015-018	Circuit Breaker 35A		1	2
ER050-00	Z13-0013-001	Chassis Slide	Harris Corp RF Co	1	3
ER050-00	Z13-0016-001	Nutbar, # 10	Harris Corp RF Co	1	5
ER050-00	Z13-0016-002	Slide Bracket, 204161	Harris Corp RF Co	1	5
ER050-01	10073-4300	PLL 3 PWB Assembly	Harris Corp RF Co	1	1
ER050-01	10121-1011	Air Filter	Harris Corp RF Co	1	3
ER050-01	10121-1011	Air Filter	Harris Corp RF Co	1	2
ER050-01	10121-2011	Switch 5 Position 60 Deg	Harris Corp RF Co	1	2
ER050-01	10121-5200	Converter PWB Assembly	Harris Corp RF Co	1	1
ER050-01	10249-1400-01	Capacitor Drive Assembly		1	1
ER050-01	919-5000	Microphone	Harris Corp RF Co	1	2
ER050-01	B21-0003-001	Fan Box 115VAC	Harris Corp RF Co	1	2
ER050-01	F03-0002-005	Fuse 1/8A, 250V, SB, 1/4 x 1 1/4", glass tube, 3AG	Harris Corp RF Co	8	39
ER050-01	F03-0002-005	Fuse 1/8A, 250V, SB, 1/4 x 1 1/4", glass tube, 3AG	Harris Corp RF Co	1	4
ER050-01	F03-0002-010	Fuse, ¼amp, 250V, SB, 1/4 x 1 1/4", glass tube	Harris Corp RF Co	8	57
ER050-01	F03-0002-019	Fuse 1.0A Slow Blow 250V 3AG	Harris Corp RF Co	15	181
ER050-01	F03-0002-022	Fuse 1.5A, 250V, SB, 1/4 x 1 1/4, glass tube 3AG	Harris Corp RF Co	10	100
ER050-02	6902-0308	Multimeter	Harris Corp RF Co	1	2
ER050-02	6902-0312	Blower, Tangential		1	2
ER050-02	6902-0317	Wattmeter	Harris Corp RF Co	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER050-02	6902-0323	Switch, Multimeter	Harris Corp RF Co	1	1
ER050-02	6902-1013	Motor Assembly		1	3
ER050-02	6902-1209	Air Filter		10	71
ER050-02	F15-0001-017	Fuse, 15A, micro		8	57
ER050-02	K80-0001-000	Relay, Coax		1	1
ER050-02	Z07-0007-058	Belt Motor	Harris Corp RF Co	1	1
ER050-03	6902-0327	Air Filter		3	16
ER050-03	6902-0352	CAPACITOR 930 uF 450V	Harris Corp RF Co	1	2
ER050-03	6902-0360	Circuit Breaker	Harris Corp RF Co	1	2
ER050-03	6902-0367	Fan 400 Hz, SPST, 115Vac, N, 1395YF	Ametek Rotron	1	3
ER050-03	6902-6040	Low Voltage Power Supply PCB Assembly	Harris Corp RF Co	1	1
ER050-03	6902-6060	Overvoltage PCB Assembly	Harris Corp RF Co	1	2
ER050-03	6902-6100	100V Regulator PCB Assembly	Harris Corp RF Co	1	2
ER050-03	6902-6150	Switcher Module	Harris Corp RF Co	1	2
ER050-03	F-0013	Fuse 3A, 250V, FB, 1/4 x 1 1/4" glass tube	Harris Corp RF Co	6	34
ER050-03	F-0015	Fuse 5A, 250V, QB, 1/4 1 1/4", glass tube	Harris Corp RF Co	6	27
ER050-03	F-0038	Fuse 3A, 250V, SB, 1/4 x 1 1/4", glass tube	Harris Corp RF Co	8	53
ER050-03	F-0038	Fuse 3A, 250V, SB, 1/4 x 1 1/4", glass tube	Harris Corp RF Co	1	4
ER050-03	F-0068	Fuse 3A, 250V, TD, 1/4 x 1 1/4", ceramic	Harris Corp RF Co	8	45
ER050-03	F-0068	Fuse 3A, 250V, TD, 1/4 x 1 1/4", ceramic	Harris Corp RF Co	1	4
ER050-03	F-0074	Fuse 15A, 250V, FB, 1/4 x 1 1/4", ceramic	Harris Corp RF Co	10	85
ER050-03	F-0074	Fuse 15A, 250V, FB, 1/4 x 1 1/4", ceramic	Harris Corp RF Co	1	4
ER050-03	F03-0002-014	Fuse 0.5A, 250V, TD, 1/4 x 1 1/4", glass tube	Harris Corp RF Co	8	44
ER050-03	F15-0001-014	Fuse Miniature	Harris Corp RF Co	10	60
ER050-03	K10-0001-001	Relay 24V DPDT	Harris Corp RF Co	1	2
ER050-03	MS16106-1	Interlock Switch	Harris Corp RF Co	1	2
ER050-04	10249-4600	Attenuator Bypass Assembly	Harris Corp RF Co	1	1
ER050-04	PS0055BE27133BH 1	CAPACITOR	Harris Corp RF Co	1	2
ER050-04	PS0055BE27136BH 1	CAPACITOR	Harris Corp RF Co	1	4
ER050-05	02-1102	Processor Board Assembly	ETA	1	1
ER050-05	166L20	Transformer, Power 20V C.T.	Hammond	1	2
ER050-05	PTS-28-L-N	RF Relay Assy, 28V DC	K&L	1	2
ER050-05	SKT-33-1-AEL01	Switch, Key DPDT	Augut	2	7
ER051-00	10251-0042	High Voltage Wre Assy Kit (Coupler to Antenna wire)	Harris Corp RF Co	1	4
ER051-00	10257-0015	RF-2601 Control Cable Assembly	Harris Corp RF Co	1	2
ER051-00	10257-1117	Gasket, Cover	Harris Corp RF Co	2	13
ER051-00	10257-3000	POWER SUPPLY ASSEMBLY A6	Harris Corp RF Co	1	1
ER051-00	2601-0001	RF TEST CABLE	Harris Corp RF Co	1	2
ER051-00	2601-0002	ANTENNA TO COUPLER CABLE	Harris Corp RF Co	1	2
ER051-00	Coupler removal kit	Tools for removing coupler	Harris Corp RF Co	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER051-00	F-0012	Fuse 2A, 250V, QB, 1/4 x 1 1/4", glass tube, F1	Harris Corp RF Co	10	60
ER051-00	RF-2601	Coupler, HF Antenna	Harris Corp RF Co	2	5
ER051-00	SX019M201510004	Shawflex SX 15C 20 AWG Marine Shipboard Cable (Price per metre)	Harris Corp RF Co	6	32.5
ER053-00	10073-2081	Speaker	Harris Corp RF Co	1	3
ER053-00	10073-7245	Switch Assembly, Frequency Stand	Harris Corp RF Co	1	2
ER053-00	F03-0002-024	Fuse 2A, 250V, SB, 1/4 x 1 1/4", glass tube		8	42
ER054-00	10249-0021	Rack Mount Kit	Harris Corp RF Co	1	1
ER054-00	10323-1016	Fan Assembly	Harris Corp RF Co	1	2
ER054-00	10323-2000-01	Front Panel Assembly	Harris Corp RF Co	1	1
ER054-00	10323-2007	Air Filter	Harris Corp RF Co	8	43
ER054-00	10323-2007	Air Filter	Harris Corp RF Co	4	18
ER054-00	10323-3100	Input Switching Assembly	Harris Corp RF Co	1	2
ER054-00	10323-3400	Power Supply Assembly	Harris Corp RF Co	1	2
ER054-00	10323-3900	Remote Control Interface Assembly	Harris Corp RF Co	1	1
ER054-00	10323-6600	Filter Assembly	Harris Corp RF Co	1	1
ER054-00	F02B250V3/4A	Fuse 3/4A, 250V, SB, 1/4 x 1 1/4", glass tube	Harris Corp RF Co	15	142
ER054-00	F03-0003-013	Fuse 2A, 250V, SB, 1/4 x 1 1/4", ceramic		8	56
ER054-00	F15-0001-016	10A Miniature Fuse		15	126
ER054-00	MS25252-C7A	Lamp		8	47
ER054-00	MS25252-C7A	Lamp		2	12
ER055-00	10075-1151	Line Filter 5A	Harris Corp RF Co	1	2
ER055-00	10275-1200	Power Supply PWB Assembly	Harris Corp RF Co	1	1
ER055-00	10276-1030	Wire Harness Assy	Harris Corp RF Co	1	2
ER055-00	N15-0008-001	Lens Cap - Red	Harris Corp RF Co	2	8
ER055-00	N15-0008-002	Lens Cap - Green	Harris Corp RF Co	2	7
ER055-00	N15-0008-002	Lens Cap - Green	Harris Corp RF Co	1	2
ER055-00	N15-0008-003	Lens Cap - Amber	Harris Corp RF Co	2	7
ER055-00	N15-0008-003	Lens Cap - Amber	Harris Corp RF Co	1	2
ER055-00	N21-0026-003	LED Amber Diffused	Harris Corp RF Co	1	4
ER056-00	10275-1030	Wire Harness Assembly	Harris Corp RF Co	1	2
ER057-00	911834	Fuse 500MA		10	96
ER058-00	6ZPTS 00108	JAX-9A Marine Weather Fax Paper	Oasis Marine Services Ltd.	20	229
ER058-00	JAX-9A	Marine Weather Fax	Japan Radio Co., Ltd	1	1
ER058-00	JAX-9B	Weather Fax 10"	Japan Radio Co., Ltd	1	2
ER058-00	NBA-5143	Power Supply AC/DC, 110/220 VAC to 24 VDC	Japan Radio Co., Ltd	1	3
ER059-00	9315TRT	Facsimile Recorder		1	2
ER062-00	10251-4005	ANTENNA ANCILLARY KIT	Harris Corp RF Co	1	2
ER062-00	M39012/01-0005	Conn n Cable Plug Sol	Harris Corp RF Co	1	5
ER062-00	UG-536B/U	Connector, Type N	Harris Corp RF Co	1	4
ER063-00	116676	ACU Terminal Mounting Strip Assy	Network Innovations	1	2
ER063-00	123549	Mounting Kit, Radome	Network Innovations	1	2
ER063-00	108929-2	Power Cord, 110V AC	Network Innovations	1	2
ER063-00	109752-3	Power Cord, 220V AC	Network Innovations	1	2
ER063-00	111115-6	Cable Assy, 6 ft	Network Innovations	2	8
ER063-00	116298-1	Harness Assy, ACU to MUX	Network Innovations	1	2
ER063-00	116670-1	Harness Assy, RS-232	Network Innovations	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER063-00	116881-3	Base MUX Rack Panel Assy	Network Innovations	1	2
ER063-00	68-520-1	UNIVERSAL POWER SUPPLY C/W ADAPTERS	Network Innovations	1	3
ER063-00	HMS-8A	Satellite Multiswitch, 40 - 2150Mhz	Holland Electronics	1	2
ER063-00	LMR-400-FR-CATVR	Community Antenna Television Cable, 10 AWG copper clad aluminum	Network Innovations	1	2
ER065-00	EX10C704B-N (Order Alt #)	CCTV Camera (EX10 Color 500TVL, 3.6mm lens BLK)	Bosch Security Systems	2	9
ER065-00	FPS2024	Power Supply 120V, 26W, 60Hz	ATC-Frost	1	2
ER066-00	FPS2024	Power Supply 120V, 26W, 60 Hz	ATC-Frost	1	2
ER066-00	VDI245V032	BOSCH WZ45 Integrated IR Dome Camera	BOSCH - JENTRONICS	1	3
ER066-00	Verifact A	Omni-directional Microphone	Verifact	1	2
ER067-00	BCSL103	2.9mm Lens	Jentronics Limited	8	57
ER067-00	EX10MX404B-N	CCTV Camera (Day/Night 1/3" LXR, 550 TVL Color)	Bosch Security Systems	1	4
ER067-00	EX14MX4V0408B-N	CAMERA	SNC-Lavalin Defence Programs Inc	1	2
ER067-00	FCS1624	Camera Power Supply, I/P 120v, 60Hz, 220w - O/P 16 x 24vac, 0.5A	ATC Frost	1	2
ER067-00	VA6112	Sequential Switcher, 12 camera & alarm inputs, 120vac	Pelco	1	2
ER068-01	KX-TDA30C	Hybrid IP Phone Switch	SNC-Lavalin Defence Programs Inc	1	2
ER068-01	KX-TDA3180	Hybrid 4-Port Analog Trunk (1 installed in P/N KX-TDA30C)	SNC-Lavalin Defence Programs Inc	1	2
ER069-01	115-24-10	Power Supply 24.5 VDC	L3 Communications Corp (Aviation)	1	4
ER069-02	AISA300080 OLD# AISA1-000-80	Transponder	L3 Communications Corp (Aviation)	1	1
ER069-03	VHF-159-HD	VHF Antenna	L3 Communications Corp (Aviation)	2	8
ER070-03	CAC 760S-BF4A1	Telephone Network Interface C/W Installation Software	Globalstar Telecommunications Lt	1	2
ER070-03	On-Go UCH-250	Data Kit SPX 250	Globalstar Telecommunications Lt	1	3
ER070-04	GSP-1725	Remote Antenna (New Style)	Globalstar Telecommunications Lt	1	5
ER070-04	GSP-2400	Kit, Radio Antenna Unit, Antenna, Junction Box & Mounting Hardware	Globalstar Telecommunications Lt	1	3
ER070-05	74007301	Power Supply	Globalstar Telecommunications Lt	1	5
ER070-06	CELDUAL-2	Antenna	Telus	1	2
ER070-06	CV90-81424-50	Cable	Globalstar Telecommunications Lt	1	3
ER070-06	CXBAT0541	Battery	Qualcomm	1	3
ER070-06	CXPRS0511	Power Supply, Battery Backed	Qualcomm Inc.	1	3
ER070-07	FAX 775C	Intellifax-775C	Brother	1	2
ER070-08	KX-TDA3180C	4 Port Analogue Trunk Card (1 Installed in P/N KX-TDA30C)	Panasonic	1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER070-09	KX-TDA3174XJ	8-Port Single Line Extension Card (1 card inside KX-TDA30C)	Panasonic	1	3
ER071-00	114/MIK-3	ISW Installation Kit	Northrop Grumman Sperry Marine B	1	2
ER071-00	116/MIK/20-4	X-Band Installation Kit	Northrop Grumman Sperry Marine B	1	1
ER071-00	119/MIK/33-3	X-Band Installation Kit	Northrop Grumman Sperry Marine B	1	2
ER071-00	245314-85	Feed Thru Ass'y	Northrop Grumman Sperry Marine B	2	7
ER071-00	65612610-7	Dispatch Kit	Northrop Grumman Sperry Marine B	1	2
ER071-00	65800727-3	Manual Set - BME	Northrop Grumman Sperry Marine B	3	15
ER071-00	SCE-78	Feed Thru, Single for 7/8 Cable	Northrop Grumman Sperry Marine B	2	8
ER071-01	65608/A-7	Antenna - 8 FT.	Northrop Grumman Sperry Marine B	1	1
ER071-02	9413138	12" Waveguide Adapter	Northrop Grumman Sperry Marine B	1	4
ER071-03	65825H-1	Transceiver Assy 25kW	Northrop Grumman Sperry Marine B	1	1
ER071-03	MG5424	X Band Magnetron	Sperry Marine Canada	1	1
ER072-00	112/MIK/20-4	Installation Kit S-Band 20M	Northrop Grumman Sperry Marine B	1	1
ER072-00	115/MIK/33-2	Installation Kit P81W S-Band	Northrop Grumman Sperry Marine B	1	1
ER072-00	T65801801-11	Trigger Board, BME S-Band	Northrop Grumman Sperry Marine B	1	2
ER072-00	T65801805-4	PCB Assy, BRG/HDG MRKR S-Band	Northrop Grumman Sperry Marine B	1	3
ER072-00	T65801814-5	PCB Assy - INPUT (Bulkhead)	Northrop Grumman Sperry Marine B	1	2
ER072-00	T65801820-5	PCB Assy INPUT (Bulkhead)	Northrop Grumman Sperry Marine B	1	2
ER072-01	65612A-14	Antenna - 12Ft	Northrop Grumman Sperry Marine B	1	1
ER072-02	65830BHR-5	Antenna Turning Unit 30Kw	Northrop Grumman Sperry Marine B	1	1
ER072-02	T65830645-3	Gearbox	Northrop Grumman Sperry Marine B	1	1
ER072-02	T91003751-6	Motor Assembly	Northrop Grumman Sperry Marine B	1	1
ER072-03	65831A-5	Transceiver 30KW	Northrop Grumman Sperry Marine B	1	1
ER072-03	MG5223	Magnetron 30kW	Northrop Grumman/Sperry Marine	1	1
ER073-00	3211274	Cable Circular 6-core (originally 270m)	Northrop Grumman Sperry Marine B	20	290
ER073-00	3236862	Coax Cable 75R (originally 180m)	Northrop Grumman Sperry Marine B	15	195
ER073-00	MA00007419	CABDAT Cable 4 pair 100 ohm (originally 30m)	Northrop Grumman Sperry Marine B	8	38
ER073-00	T65800811-10D	BME Display Processor PCB Assembly	Northrop Grumman Sperry Marine B	1	2
ER073-00	T65800812-4	BME Radar processor PCB Assembly	Northrop Grumman Sperry Marine B	1	2
ER073-04	65800700-4	X and S Band Isolation Switch	Northrop Grumman Sperry Marine B	1	2
ER073-04	65840A-3	Display Compatibility Unit	Northrop Grumman Sperry Marine B	1	1
ER073-04	65842A-3	2 Way Interswitch Unit	Northrop Grumman Sperry Marine B	1	1

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER073-05	65837AB-4	Scanner Control Unit	Northrop Grumman Sperry Marine B	1	2
ER075-00	001005322	Mount Resilient, Type X, 110 KG.	Caparo Dynamics	3	15
ER075-00	055702B5120001M	Fibre Assembly	Corning	6	27
ER075-00	055702B5120002M	Fibre Assembly	Corning	6	31
ER075-00	055702B5120002M	Fibre Assembly	Corning	3	16
ER075-00	055702B5120003M	Fiber Optic Cable Assembly	CORNING	2	7
ER075-00	1919479-1	Fiber Optic Cable Assembly c/w Reel - 100 metres	Cisco Canada	1	1
ER075-00	265702B51RZ002M	Fiber Optic Cable Assembly	CORNING	6	26
ER075-00	265702C51ZR001M	Connector Assembly, Fibre Optic	Cisco Canada	2	12
ER075-00	35H-00006	Microsoft Optical Mouse, Model 200, USB, Black	Cisco Canada	2	9
ER075-00	770510-21L	Mouse, PS2, Opt, WYSE, Black, PX, MO42KOP	WYSE	4	19
ER075-00	920338-03L	LC Simplex AT-SPFX Fibre Network Adapter Card	Cisco Canada	2	11
ER075-00	9741-1000	Rack, Electrical Equipment	Cisco Canada	1	2
ER075-00	AT-2874SX/SC	1000SX GBE Fibre Express Card SC	Cisco Canada	1	2
ER075-00	CE530A	Paper Tray - HP Printer	Cisco Canada	1	2
ER075-00	GA/CSGA-B/NPT	Glenair Liquidtight Strain Relief Connector 1/2"	Glenair	15	140
ER075-00	GLC-GE-100FX	Interface Unit, Data Transfer	Cisco Canada	1	4
ER075-00	GLC-T	Interface Unit, Communications Equipment	Cisco Canada	1	2
ER075-00	P3300LCS-NETE	Power Star UPS	Cisco Canada	1	2
ER075-00	RAIL	RAILS - KHSDC	Emery Electric	1	5
ER075-00	SPH-01P	Single Panel Housing	Cisco Canada	1	2
ER075-00	T-530 17-3630QM	Lenovo Laptop, c/w Fibre NIC (AT-2874SX/SC)	Cisco Canada	1	3
ER075-00	WLSY142-614R-50-1	Antenna, GPS, +12V	Cisco Canada	2	5
ER076-00	025764	Knurled Screw (Onboard Ship Spares)	Northrop Grumman/Sperry Marine	2	8
ER076-00	026797	Ventilator - Fan (Onboard Ship Spares)	Northrop Grumman/Sperry Marine	2	8
ER076-00	046156	O-Ring (Onboard Ship Spares)	Northrop Grumman/Sperry Marine	2	8
ER076-00	047274	Gear Belt (Onboard Ship Spares)	Northrop Grumman/Sperry Marine	2	8
ER076-01	022561	Gyro Container Mod.	Northrop Grumman/Sperry Marine	1	2
ER076-01	022638	Installation Kit	Northrop Grumman/Sperry Marine	1	2
ER076-01	074807	Mastercompass NAVIGAT X MK 1 Mod. 10	Northrop Grumman/Sperry Marine	1	1
ER076-01	074829	Gyrosphere Type 3	Northrop Grumman/Sperry Marine	1	1
ER076-02	MD04UPS	24VDC Uninterruptible Power Supply	Northrop Grumman/Sperry Marine	1	1
ER076-03	074742	Gyrocompass Switchover Unit	Northrop Grumman/Sperry Marine	1	1
ER076-04	074857	Navitwin IV Compass Monitor	Northrop Grumman/Sperry Marine	1	1
ER076-05	GICLWE	Multiplexer Magic Plex 8	Northrop Grumman/Sperry Marine	1	1
ER076-06	060005	Weather Cover, Plastic	Northrop Grumman/Sperry Marine	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER076-06	060227	Cover Plate	Northrop Grumman/Sperry Marine	1	2
ER076-06	074880	Bearing Repeater Compass	Northrop Grumman/Sperry Marine	1	3
ER076-06	074880	Bearing Repeater Compass	Northrop Grumman/Sperry Marine	1	3
ER076-06	074886	Bearing Repeater Bracket c/w Terminal Box	Northrop Grumman/Sperry Marine	1	2
ER076-06	075135	Prismatic Azimuth Device PV23	Northrop Grumman/Sperry Marine	1	1
ER076-06	074886-01	Bearing Repeater Bracket	Northrop Grumman/Sperry Marine	2	7
ER076-07	MD73HR	Tape Repeater with Course to Steer Indication (NVIS)	Northrop Grumman/Sperry Marine	1	3
ER076-07	MD73HR	Tape Repeater with Course to Steer Indication (NVIS)	Northrop Grumman/Sperry Marine	1	1
ER076-08	MD75HR	Heading Repeater, 60mm Numerals, Digital Display	Northrop Grumman/Sperry Marine	1	1
ER076-09	MD92/2	2-Way Change Over Switch	Northrop Grumman/Sperry Marine	1	2
ER076-10	MD86ALM/U	Universal Remote Alarm Unit	Northrop Grumman/Sperry Marine	1	4
ER078-00	DSL-6-B-D	2-Pole On/Off Lock Key Switch		2	12
ER080-02	270-3148-302	Dual External Cavity Filter, UHF, 4RU	Rockwell Collins Canada Inc.	2	7
ER907-00	D25-01712	Cable Assembly, Opto Switch		2	8
ER907-00	D30-01424	PCB ASSEMBLY, SIGNAL PROCESSING MODULE, 50Khz		1	1
ER907-00	D30-01555	PCB Assembly, Main Processing Module		1	1
ER907-00	D30-01736	PCB Assembly, AC Power		1	1
ER907-00	D90-01545	Transducer (Custom - 50Khz) (25m Cable)	AIRMAR Technology Corp	1	2
ER907-00	D90-01614	Assembly, 320m Thermal Printer		1	1
ER907-00	D90-01691	Assembly, Single Channel Front Panel		1	1
ER907-00	KND320	Echo Sounder Paper (Thermal)		4	18
ER909-00	1.502 227	Lamp (Red)	Lager-Nr.	2	7
ER909-00	1.504 357	Lamp		8	47
ER909-00	1.504 434	Anti-Mist Cartridge Holder		2	7
ER909-00	1.760 590	Fuse 2A M2 G DIN 41577	WICKMAN	10	72
ER909-00	1.762 019	Fuse 4A,250V, TD, 5x20mm,Glass Tube, DIN 41662		10	76
ER909-00	1.762 030	Fuse 6.3A, 250V, TD, 5x20mm, glass tube	WICKMAN	15	139
ER909-00	1.762 030	Fuse 6.3A, 250V, TD, 5x20mm, glass tube	WICKMAN	2	7
ER909-00	1.762 035	Fuse 4A, 250V, TD, ¼" x1¼", Glass Tube	WICKMAN	15	123
ER909-00	1.762 035	Fuse 4A, 250V, TD, ¼" x1¼", Glass Tube	WICKMAN	3	16
ER909-00	1.762 039	Fuse 2.5A, 250V, SB, 1/4 x 1 1/4", glass tube, T2 19343	WICKMAN	10	89
ER909-00	1.762 039	Fuse 2.5A, 250V, SB, 1/4 x 1 1/4", glass tube, T2 19343	WICKMAN	10	72

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER909-00	1.762 039	Fuse 2.5A, 250V, SB, 1/4 x 1 1/4", glass tube, T2 19343	WICKMAN	2	9
ER909-00	1.762 039	Fuse 2.5A, 250V, SB, 1/4 x 1 1/4", glass tube, T2 19343	WICKMAN	2	9
ER909-00	1.792 471	Rubber Gasket		1	4
ER909-00	1.990 835	AIR DRYING CARTRIDGE	Anschutz & Co GmbH	2	7
ER909-00	102-842.22	I/O PCB Course		1	2
ER909-00	110-106.14-014	Upper Inner Shell		1	2
ER909-00	110-106.70	Fan Complete		1	2
ER909-00	132-606.02	Changeover PCB		1	1
ER909-00	134-103NG	Junction Box / Dimmer		1	2
ER909-00	15-Nav-1504634	Lamp , Repeater Type 133-303 (Inside), 60V, 3W	Jentronics Limited	10	71
ER909-00	3.607 383	Transformer		1	2
ER909-00	4.004 533	GYRO REPAIR KIT	Anschutz & Co GmbH	1	3
ER909-00	AW124-049	Selector Switch		1	2
ER909-00	Gyro Bulb Tool	Bulb Insertion / Extraction Tool	Anschutz & Co GmbH	1	2
ER909-00	NB 03-732	Cable		1	2
ER909-00	NB 10-615	Transformer		1	2
ER909-00	NB10-382	Transformer		1	2
ER909-00	NB-12 E 48-19	Lamp, 28V, 60ma	Alba	8	55
ER909-00	NR.80 150	Belt Z=150		1	2
ER909-00	NR.80 175	Belt Z=175		1	2
ER909-00	T 1A DIN 41662	Fuse 1A, 250V, 5x20mm, Time Delay, glass tube		15	168
ER909-00	T 1A DIN 41662	Fuse 1A, 250V, 5x20mm, Time Delay, glass tube		10	80
ER909-00	T 6.3A 250V	Fuse 6.3A, 250V, TD, 5 x 20mm, glass tube	WICKMAN	10	86
ER909-01	110-106.03E01	Electronic PCB	Anschutz & Co GmbH	1	2
ER909-02	121-043.02	Inverter Assembly		1	2
ER909-02	121-043.04E01	Step Adapter PCB	Anschutz & Co GmbH	1	2
ER909-02	121-043.05E02	Wiring PCB		1	2
ER909-02	121-043.06E02	Compass Elek PCB		1	2
ER909-03	135-075.SA200	ALARM UNIT	Anschutz & Co GmbH	1	2
ER909-04	SMT420B	UPS		1	2
ER909-04	SU700X93	UPS, APC 700VA, 120V	APC	1	3
ER909-05	132-620.06	Power Supply PCB	Anschutz & Co GmbH	1	2
ER909-05	132-620.100	Signal Electronics PCB	Anschutz & Co GmbH	1	2
ER909-05	132-620-05	Wiring PCB	Anschutz & Co GmbH	1	2
ER909-06	2.012579	Protection Cover (for 133-402NG001 Repeater)	Anschutz & Co GmbH	2	8
ER909-06	133-303.NG001	Steering Repeater		1	2
ER909-06	133-809.SA002	Digital Repeater		1	2
ER909-06	FP-190	Bearing Sight	Anschutz & Co GmbH	2	7
ER909-08	102-842.03E01	Wiring PCB		1	2
ER909-08	102-842.10	Power Supply PCB		1	2
ER909-08	102-842.115E00	CPU PCB		1	2
ER909-08	102-842.39	I/O PCB		1	2
ER909-08	132-606.05	Master Board		1	2
ER910-00	819766-803	GPS ANTENNA	Atlantic Electronics Limited	1	3
ER910-00	B41-0013-002	Battery, Lithium		2	7
ER910-00	DDU-1000	RS-422 Data Distribution Unit, 115Vac, 60Hz, 25W	Internav	1	2
ER910-00	F08-0002-002	Fuse, 2A, 250V, QB, 5 x 20mm, glass tube		10	60

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER910-01	535527-001	Battery, Alkaline 1.5V (Duracell MN9100)	Jentronics Limited	2	9
ER910-01	GDB 1.25A	Fuse 1.25A, 250V, FB, 5 x 20mm, glass tube		10	95
ER910-03	600006 (Leica)	Battery Pack, 12V, 2.3Ah (Rechargeable)	Galaxy Battery	1	3
ER910-04	GDA-500mA	Fuse 0.5A, 250V, QB, 5 x 20mm, ceramic		10	96
ER910-06	GMA1	Fuse 1A, 250V, 5x20mm		15	160
ER910-06	GMA500MA	Fuse 0.5A, 250V, FB, 5 x 20 mm, glass tube		10	96
ER910-06	HF-235/H	HF Receiver		1	2
ER910-07	10447-1013-001	AC Input Filter Assembly	Harris	1	2
ER910-07	10447-1050-001	Power Supply Assembly	Harris	1	2
ER910-07	10447-2000-001	HF Modem Circuit Board Assembly		1	2
ER910-07	F08-0002-001	Fuse 1A, 250V, FB, 5x20mm, Glass Tube	Harris	6	31
ER910-07	F08-0002-001	Fuse 1A, 250V, FB, 5x20mm, Glass Tube	Harris	6	27
ER910-08	SWL031A-FFFFF	ABCDE-9 4-1 Switch		1	2
ER958-00	TP10650	Marine Fax Thermal Paper (10.6" X 50 Ft)	Alden Electronics Ltd	2	12
ER958-00	TP10650	Marine Fax Thermal Paper (10.6" X 50 Ft)	Alden Electronics Ltd	1	4
ES005-00	MHL-10-10-ADU	Foster, SST Refrigerator/Freezer	FOSTER REFRIGERATION OF CANADA(D	1	1
ES008-00	0710583	Timer Assembly-9 CAMS	Moyer Diebel, Ltd.	1	2
ES008-00	892983	TIMER - HOBART DISHWASHER	Hobart Food Equipment Group Cana	1	2
ES008-00	270239-1	Solenoid Valve,110/120v, 50/60Hz, 9W, Model SR24 dishwasher	Hobart Food Equipment Group Cana	1	3
ES008-00	270399-3	Drain Valve, 120v, 60Hz, 28W, Model SR24 dishwasher	Hobart Food Equipment Group Cana	1	3
ES008-00	294681-15-1	Thermostat, Model SR24 dishwasher	Hobart Food Equipment Group Cana	1	2
ES008-00	501HT(40)	Dishwasher	Moyer Diebel	1	2
ES009-00	SS-125-26	Garburator, 208-230/460V, 60Hz, 3PH, 1 1/4HP	Insinkerator	1	1
ES012-00	W10131172	Dryer Belt	Whirlpool	1	5
ES014-00	2601	Shredder, Cross/Cut	Ideal-Werk, Balingen, Germany	1	1
ES014-00	7891091180	Lubricating Oil, 500ml bottle, for Paper Shredder	Harbour City Bus. Products Ltd	2	10
ES018-00	7254E	Monitor 15"		1	3
ES018-00	HX45A	Computer		1	2
ES018-00	JU-257A137P	"A" Drive	Panasonic	1	2
ES020-00	STPF-15	Coffee Maker	Bunn-O-Matic Corporation of Canada	2	7
ES020-00	STPF-15C	Carafe, Coffee maker	Bunn-O-Matic Corporation of Canada	2	13
ET003-00	365T	Electric Motor 450V/3 Phase/60Hz 30 HP 1200 RPM		1	2
ET003-00	M9300-22	Bearing, NDE		1	3
ET004-00	IXI 2549-01	Heating Coil	CALORITECH	10	61
ET004-00	IXI 7476-0	Reheat Element, 450V, 3333W	CCI Thermal Technologies	8	47

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ET005-00	6209-2RS1	Bearing, DE		3	16
ET005-00	6209-2RS1/C3	Bearing, NDE		1	3
ET005-00	6309-2RS1	Bearing, DE		3	16
ET006-00	32R2111T	lamp, Indicating RED	Kaycom Inc	8	54
ET006-00	32R2112T	lamp, Indicating GREEN	Kaycom Inc	5	24
ET006-00	94-2822-D0687	Stage, ctrl Cooling		1	4
ET006-00	94-2822F15A	Fuse 5amp, 600v, slow blow. AHU Control Panel	Gould Shawmut	10	88
ET006-00	94-2822F26A	Fuse 6A, 250V, Time Delayed, 14x50mm		10	84
ET006-00	94-2822F32A	Fuse 2A AHU Control Panel		10	82
ET006-00	94-2822-F-430AA	CONTACTOR	Telemecanique	3	15
ET006-00	94-2822-FDPA43	Contact, Fan		1	4
ET006-00	94-2822-GV1F	Overload, Fan		3	15
ET006-00	94-2822-GV1F	Overload, Fan		1	5
ET006-00	94-2822-GV1PH	Overload, Preheat		1	3
ET006-00	94-2822-GV3RH	Overload, Preheat		1	2
ET006-00	94-2822M100A	Fuse 100Amp, 600V, Dual Element Time Delay	Gould Shawmut	6	26
ET006-00	94-2822-MY4	Relay		6	33
ET006-00	94-2822-PH-230AA	CONTACTOR	Telemecanique	3	15
ET006-00	94-2822-PH-DPA23	Contact, Reheat		1	4
ET006-00	94-2822-PH-DPA53	Contact, Reheat		1	2
ET006-00	94-2822-SNPTC6-4	Sensor, Temperature		1	2
ET006-00	94-2822-TR910-RC	Reheat Controller	Kaycom Inc	1	2
ET006-00	94-2822-TRPMH	Timer		1	3
ET006-00	E7213PAXBH700	EW7221 Temperature Controller	Eliwell	2	12
ET006-00	G2RIS 24	OMRON HVAC control relay	NEDCO-Division of Westburne	4	18
ET006-00	TM10D00X0D400	EM300LX Temperature Indicator	Eliwell	1	3
ET006-00	ZB2-BZ101	Switch, Contacts	Telemecanique	2	12
ET006-00	ZB2-BZ102	Switch, Contacts	Telemecanique	1	4
ET006-00	ZB2-BZ103	Switch, Contacts	Telemecanique	3	16
ET014-00	704.074.2	Switch, Crash Stop	EAO	1	2
ET014-00	704.900.4	Pushbutton switch	JHT Electronics	2	7
ET014-00	EWTR 911/C	Temperature Control AHU Cooling Control, Type PTC - 110V, 4/20mA	Eliwell	1	2
ET014-00	MI-3	Liquid Indicator	Kaycom Inc	1	2
ET015-00	MO50J	Transformer, 50VA, 60HZ, PRI 600V, SEC 120/240V	MARCUS	1	3
ET015-00	OAS07534	Blast Heater, 480vac, 7500W, 9.01amp, 3ph	Spar Marine Ltd.	1	2
ET016-00	5449408	T2RIB-05-230 Heater, 500W, 230V, 2 POLE	TELCO	1	4
ET016-00	5449416	T2RIB-10-230 Heater, 1000W, 230V, 2 POLE	TELCO	1	2
ET016-00	5449468	T2RIB-08-230 Heater, 800W, 230V, 2 POLE	TELCO	1	2
ET016-00	880011030	Control Knob (Plastic)	S101/CDN(1) STORK-CANADA INC.	6	33
ET018-00	6201-2RS1	Bearing, NDE		6	31
ET020-00	3NWFMSF1-001	Fuse, 1A, 600V 12 x 30mm body	Kaycom Inc	8	38
ET020-00	3RT1026-1AK60	CONTACTOR	Siemens Canada Ltd	1	3
ET020-00	3TH3022-OAK6	Relay	Siemens Canada Ltd	1	3
ET020-00	3UA55 00-0E	Thermal Overload	Siemens Canada Ltd	1	2
ET020-00	3UA55 00-0G	Thermal Overload	Siemens Canada Ltd	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ET020-00	3UA55 00-0K	Thermal Overload Relay	Siemens Canada Ltd	1	2
ET020-00	3UA55 00-1F	Thermal Overload	Siemens Canada Ltd	1	2
ET020-00	BAF-5/10	FUSE		8	48
ET020-00	BAF-5/10	Fuse 0.5A, 600V, QB, 10 x 38mm, Fibre tube		2	10
ET020-00	MSF362L	Switch 60A	Siemens Canada Ltd	1	2
ET023-00	3RB2026-1PB0	Thermal Overload (See Alternative Parts)	Siemens Canada Ltd	1	3
ET023-00	RLF-WS/F1	Light Indicator, white	Klockner Moeller	3	15
ET023-00	RLT-GN/K11/F1	Pushbutton Green	Klockner Moeller	1	3
ET024-00	1985-102-04-EF7-MOT-DEB	Bearing Drive End		3	15
ET024-00	1985-102-04-EF7-MOT-DEB	Bearing Drive End		1	2
ET024-00	1985-102-04-EF7-MOT-NDEB	Bearing Non Drive End	SKF	3	16
ET024-00	1985-102-04-EF8-MOT-DEB	Bearing Drive End		1	2
ET024-00	1985-103-04-SF5-MOT-DEB	Bearing Drive End		1	2
ET024-00	1985-103-04-SF5-MOT-NDEB	Bearing Non Drive End		1	2
ET024-00	1985-103-04-SF6-MOT-DEB	Bearing Drive End		3	15
ET024-00	1985-103-04-SF6-MOT-DEB	Bearing Drive End		1	2
ET024-00	1985-103-04-SF6-MOT-NDEB	Bearing Non Drive End		4	18
ET024-00	1985-103-04-SF7-MOT-DEB	Bearing Drive End		1	2
ET024-00	1985-103-04-SF7-MOT-NDEB	Bearing Non Drive End		1	2
ET024-00	1985-103-04-SF8-MOT-DEB	Bearing Drive End		1	2
ET024-00	1985-103-06	Resilient Mount	Bronswerk	10	100
ET024-00	6204-2RS1	Bearing Non Drive End		4	19
ET024-00	6205-2RS1	Bearing Drive End		4	18
ET024-00	FK-1-10	Fuse Kit	Hammond Manufacturing Co. Ltd.	10	60
ET026-00	1985-102-04-EF3-MOT-DEB or 6307-2RS1	Bearing, DE	Stork Canada Inc	4	18
ET026-00	6206-2RS1	Bearing, NDE		3	16
ET026-00	6307-2RS1	Bearing Drive End	SKF Canada Limited	1	2
ET027-00	1985-102-04-EF5-MOT-DEB	Bearing Drive End	Stork Canada Inc	1	2
ET027-00	1985-102-04-EF5-MOT-NDEB	Bearing Non Drive End	Stork Canada Inc	1	2
ET028-00	1985-102-04-EF6-MOT-DEB	Bearing Drive End		1	2
ET031-00	Harbour exhaust fan	Harbour exhaust fan 120V	WOODS	1	2
EU014-00	340-6 N5	AC Vibrating Bell, 120V AC, 92 dB @ 3 meters man overboard bell 8" grey	Troy Life and Fire Safety	1	3
EV001-00	FLOOD LIGHT	Flood Light with Halogen Bulb, Red Lens	Provincial Electric Ltd.	1	2
EV001-01	08-2243-03-34	Pump/Motor Coupling	Hawboldt Industries Ltd	1	3
EV001-03	A-120581	Motor Control Remote		1	2
EV001-03	A-120651	ISO Transformer		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EV001-03	A-120655 (Use 3rd Alt)	Power Supply		1	2
EV001-03	A-120756 (use Second Alt)	Proximity Switch (Crane Boom)	EECOL Electric (Sask) Ltd.	2	7
EV001-03	A-154459	Pneu-Spring Cylinder		1	3
EV001-03	A-154459	Pneu-Spring Cylinder		1	2
EV001-03	K-00206	Relay 12V 30A		1	2
EV001-04	A-120586 order Alt#	Heater (Heating Element), 240v, 2000w, 1 phase	CALORITECH	1	4
EV002-00	00-2244-01-15	Fuse 0.5A, 250V, FB, 1/4 x 1 1/4", glass tube	GOULD-SHAWMUT	8	46
EV002-00	00-2244-01-S2	Bulb 130V/2.4W	Albrite Lighting Ltd	4	18
EV010-00	04-2224-40-131-S1	Electric Motor: Fan Cover	Hawboldt Industries Ltd	1	2
EV012-00	04-2224-103-16	Fuse, 10A, 600V, Tank Heater Fuse		3	16
EV012-00	04-2224-103-17	Fuse 5A, 600V, QB, 10 x 38mm, melamine, Control Circuit		8	48
EV012-00	04-2224-103-18	Fuse 1/2A, 250V, QB, 1/4 x 1 1/4", glass tube, Control Circuit		6	34
EV012-00	04-2224-103-S2	Lamp 130V, 2.4W		2	13
EV012-00	04-2224-40-143	O-ring		2	9
EV012-00	04-2224-40-143	O-ring		1	2
EV012-00	04-2224-40-144	O-ring		2	12
EV014-00	04-2224-103-08	Motor Start Pushbutton		1	3
EV014-00	04-2224-103-09	Motor Stop Pushbutton		1	3
EW002-00	25-35-7	Oil Seal Non Drive End	Chicago Rawhide	1	3
EW002-00	40-52-7	Oil Seal Drive End	Chicago Rawhide	1	3
EW002-00	6305ZZC3	Bearing Non Drive End		1	3
EW002-00	6308ZZC3	Bearing Drive		1	3
EW002-00	LF 215T	Electric Motor Complete	Brook Compton	1	2
EW003-00	016-02-AA-LSMT	Compressor Ammeter		1	3
EW003-00	016-156A-RNZH	Compressor Hour Counter		1	2
EW003-00	060-2023-KP2	Low Pressure Control	DANFOSS	1	2
EW003-00	60308J	Fuse Holder 600V 30A	LITTLEFUSE	1	2
EW003-00	951-51	Bulb 6v 180Ma	Sabroe (Canada) Industrial Refri	8	56
EW003-00	CA3-12-10-220	Compressor Motor Contactor		1	2
EW003-00	CS4-22Z-220	Alarm Relay 3PDT		1	2
EW003-00	CT3-12-9.5	Thermal Overload Relay		1	2
EW003-00	OETL-NF30P	Main Disconnect Switch	ABB Industries SNC	1	2
EW003-00	V5BA-2013	Fuse 2A, 600V, QB, 10 x 38mm, Melamine, FU 2&3		3	15
EW003-00	V5BA-2014	Indicator Lamp - Green		2	13
EW003-00	V5BA-2015	Indicator Lamp - Red		3	16
EW003-00	V5BA-2016	Fuse 3/460V/60Hz 20A		8	46
EW003-00	V5BA-2017	Fuse 2A, 250V, SB, 1/4 x 1 1/4", glass tube		6	26
EW003-00	V5BA-2017	Fuse 2A, 250V, SB, 1/4 x 1 1/4", glass tube		2	9
EW003-00	V5BA-2019	Light Bulb 6V 1.2W BA9S	ALBRITE LIGHTING LTD	4	18
EW007-00	S-8000	Terminal Strip	Sabroe (Canada) Industrial Refri	1	2
EW007-00	SK2279-12	Sensor		1	2
EW007-00	V5BA-2031	Fuse 15A, 32V, TD, 1/4 x 1 1/4", glass tube (FU1)		8	54
HA003-00	N1	Louver - Moveable Vane	BRONSWERK	1	1
HA003-00	N2	Louver - Moveable Vane	BRONSWERK	1	1

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
HA003-00	N3	Louver - Moveable Vane	BRONSWERK	1	1
HA003-00	N4	Louver - Moveable Vane	BRONSWERK	1	1
HB001-00	187465	Sounding Tube Cap	Canadian Maritime Engineering	2	9
HB001-00	HBF 201-15BWC4	Cap Brass W/Chain NPSH 1 1/2 in (Sounding Tube Cap)	Acklands - Grainger Inc.	5	24
HB002-00	2 1/2 Ball	2 1/2" Ball stainless steel	Halifax Shipyard Ltd.	1	3
HB002-00	4 1/2 Ball	4 1/2" Ball Stainless steel	Halifax Shipyard Ltd.	1	3
HB002-00	6112-5204	4" Vent Check Valve	Halifax Shipyard Ltd.	1	2
HB002-00	651-2901998	1-1 Isolator	Halifax Shipyard Ltd.	1	2
HB004-00	S36D6A/F84	Horizontal Float Switch, Mobrey S/S Wetside model, c/w 6 contact block	Solartron Mobrey Ltd	1	5
HB005-00	6107-5204	2 1/2" Vent Check Valve	Halifax Shipyard Ltd.	1	2
HE001-00	COFFER DAM	FWD. SEABAY COFFER DAM 22"x22"	Halifax Shipyard Ltd.	1	2
HE001-00	COFFERDAM-ROD INLET	Cofferdam, Rod Inlet, 9 1/4" Diameter	Halifax Shipyard Ltd.	1	2
HE001-00	MCDV COFFERDAM	MCDV COFFERDAM 62" X 34"	Halifax Shipyard Ltd.	1	2
HL001-00	10MM - WHITE	10MM Steel Plate - Qty in Square Meters	Halifax Shipyard Ltd.	15	150.49
HL001-00	13MM - GREY	13MM Steel Plate - Qty in Square Meters	Halifax Shipyard Ltd.	8	52.46
HL001-00	16MM - PINK	16MM Steel Plate - Qty in Square Meters	Halifax Shipyard Ltd.	8	52.66
HL001-00	19MM - BEIGE	19MM Steel Plate - Qty in Square Meters	Halifax Shipyard Ltd.	2	13.22
HL001-00	25MM - BLACK	25MM Steel Plate - Qty in Square Meters	Halifax Shipyard Ltd.	2	13.96
HL001-00	4.76MM - RED	4.76MM Steel Plate - Qty in Square Meters	Halifax Shipyard Ltd.	20	228.04
HL001-00	5MM - ORANGE	5MM Steel Plate - Qty in Square Meters	Halifax Shipyard Ltd.	20	287.48
HL001-00	6.5MM - YELLOW	6.5MM Steel Plate - Qty in Square Meters	Halifax Shipyard Ltd.	20	408.14
HL001-00	7MM - GREEN	7MM Steel Plate - Qty in Square Meters	Halifax Shipyard Ltd.	20	269.22
HL001-00	8MM - BLUE	8MM Steel Plate - Qty in Square Meters	Halifax Shipyard Ltd.	20	283.44
HL001-00	9MM - PURPLE	9MM Steel Plate - Qty in Square Meters	Halifax Shipyard Ltd.	20	252.76
HL006-00	Crown1	Ensign Staff Crown	Halifax Shipyard Ltd.	1	2
HN001-04	Towing Shackle	Towing Shackle 1-5/8" Gr2, 58902lb proof test load, 88353 break test load	Halifax Shipyard Ltd.	1	3
HN002-00	4.25 D	Transom Fender, EPDM "D", grey, 4 1/4" wide x 3 7/8"high x 7/8" thick	L. Himmelman	2	7
HN004-00	6-G2BS	Ship to Buoy Shackle C/W Taper Pin	DIBBLEE TOOLS	2	6
HN004-00	Size 3	Anchor Joining Link, Pear Shaped, Size 3	TROTAC Marine Ltd	2	7
HN005-00	3/8	3/8" Drop Nose Pin	Canadian Maritime Engineering	8	38
HN008-00	70-0705-4435-1	Non-Skid Safety Tread (4" x 60") Black	Ralph Connor Flooring	1	4
HN008-00	Man Lines	Man Lines, for Life Lines.	Larsen Contracting Services	6	34
HN011-00	AC49000A-3PA	Container Casters	Peck and Hale	4	16

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
HN011-00	F273	Deck Socket (Flush - I.S.O.)	Peck and Hale	2	9
HN011-01	F476-R-C	Twistlock Stacker, Fixed Base, Galvanized	Peck and Hale	8	56
HO008-00	CORNER TRIM	Corner Trim for Joiner Panel (Qty in Feet)	Halifax Shipyard Ltd.	8	48
HO008-00	L TRIM	L Trim for Joiner Panels, (Qty in Feet)	Halifax Shipyard Ltd.	4	18
HO008-00	M1320-3104026-BROWN	Brown Joiner Panel, 24" x 89"	Halifax Shipyard Ltd.	1	3
HO008-00	M1320-3104026-CHAR	Charcoal Joiner Panel, 24" x 89"	Halifax Shipyard Ltd.	1	5
HO008-00	M1320-3104026-RED	Red Joiner Panel, 24" x 89"	Halifax Shipyard Ltd.	1	4
HO008-00	U TRIM	U Trim for Joiner Panel, 1/4", 7.5' length	Halifax Shipyard Ltd.	4	20
HO009-01	1660710.002	American Standard FloWise Showerhead	American Standard	6	29
HO009-01	1660710.002	American Standard FloWise Showerhead	American Standard	4	20
HO011-00	8016-3603	Chair Cushion Cover	supplied by Stright-MacKay	1	2
HO016-00	40-2 DUROMETER	2" X 1 1/2" Z Gasket 40 Durometer Neoprene	Intercon Marine Inc	20	220
HO016-00	40-4 DUROMETER	4"X3/8" 40 Duro Neoprene	Halifax Shipyard Ltd.	20	220
HO016-01	50 Durometer	Neoprene hatch seal - Quantity in feet	Himmelman Elastomers Ltd.	15	212
HP001-00	73/076/12	Pin, 12mm		3	15
HP001-00	73/076/8	Grease Nipple		6	30
HP001-00	74/076/4	Grease Nipple		2	12
HP001-00	74/076/5	Self Locking Nut		1	5
HP001-00	74/076/6	Spring		1	5
HP001-00	74/076/7	Pin, 12mm		1	5
HP001-00	75/076/2	Rubber Gasket		15	115
HP001-00	75/076/3	Fireproof Gasket		10	66
HP001-00	AMC-3	Grease		1	3
HP001-00	MATLIST PG2-ASSY	Op Handle Assembly		1	3
HP001-00	MATLIST PG3-ASSY	Dog Assembly Regular		2	7
HP002-00	3/1229/101-4	Gasket		6	30
HP005-00	2040-21-900-2791	Test Plug	Marener Industries	1	4
HP005-00	73/076/1	Rubber Gasket		15	115
HP005-00	73/076/4	Spring, Right	Westshore Spring LTD.	1	5
HP005-00	73/076/5	Spring, Left	Westshore Spring LTD.	2	7
HP007-00	74/076/1	Rubber Gasket		8	56
HP007-00	74/076/2	Rubber Ring		2	9
HP007-00	75/076/4	Dogging Unit		2	10
HP007-00	75/076/5	Hinge Pin		2	8
HP007-00	75/076/6	Washer		10	60
HP007-00	75/076/7	Cotter Pin		10	60
HP007-00	75/076/8	Grease Nipple		2	12
HP009-00	75/076/1	Tempered Glass		1	3
HP010-00	31012	3/16"x11/4" (1200X800) Retaining Ring Stainless Steel Flat Bar	BECLAWAT	1	5
HP010-00	31012	3/16"x11/4" (1100X800) Retaining Ring Stainless Steel Flat Bar	BECLAWAT	1	5
HP010-00	1000-115-110-1C	Wiper Control Unit	M. KOOL INC.	1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
HP011-00	50821	VIM Controller(Temp. reg. 0 to 40c) Type V1, 115v, 15amp		1	2
HP011-00	71601-0357 12876	Window, 15.5 MM Heated, 878W X 828H	Beclawat Manufacturing Inc.	1	2
HP011-00	71601-0362 12878	15.5mm Window Tempered Glass Heated, 1128mmm X 828mm	Beclawat Manufacturing Inc.	1	2
HP012-00	20259	Watertight Seal		10	107
HP012-00	30593	Watertight aluminum extension, 90 degree radius corners with clear anodized finish	BECLAWAT	6	32
HP012-00	30893	3/8"x1 1/2" Cr. Steel Extension Arms	BECLAWAT	2	10
HP012-00	40033	1/8"x1 1/4" Black Felt (Modified)	BECLAWAT	10	60
HP012-00	40047	3/16"x1 1/4" Black Felt (Modified)	BECLAWAT	10	60
HP012-00	50209	Compensator Spring - Bridge Window	BECLAWAT	4	19
HP012-00	51652	Bostik Windshield Adhesive 70-08A	BECLAWAT	2	12
HP012-00	71956	Screw Shaft	Beclawat	2	6
HP012-00	71957	Gear Box Assembly		1	1
HP012-00	71957	Gear Box Assembly		1	1
HP012-00	30693 (Use Alt)	Watertight Aluminium Extrusion (quantity is measured in feet)	Himmelman Elastomers Ltd.	2	13
HP012-00	71699-0360	Vertical Sliding Window	BECLAWAT	2	5
HP012-00	71699-0361	Vertical Sliding Window	BECLAWAT	2	5
HP012-00	71933-03	Balance Spring Assembly, 15mm.	BECLAWAT	5	22
HP012-00	73026-01	Stainless Ball Screw	Beclawat Manufacturing Inc.	1	4
HP012-00	HANDLE	Handle for Vertical Sliding Window	Halifax Shipyard Ltd.	1	2
HS001-00	SR001	Galley Stove Sea Rails (1 Set of 6 bars)	Halifax Shipyard Ltd.	1	2
HX001-00, HY004-00	DECK	DECK PROTECTION	LARLOW	1	1
MA001-00	8774	Multiturn Potentiometer	ATOMS	2	11
MA001-00	15000 HOUR	15,000 HOUR PM KIT	Wartsila Canada Inc.	1	2
MA001-00	2.301492.3	Set (washers) ADJUST KBAL 125S	Wartsila Canada Inc.	15	147
MA001-00	2.701149.5	Valve 1/2" SOCLA	Wartsila Canada Inc.	2	10
MA001-00	4.587716.5S	Silkolene	Wartsila Canada Inc.	2	9
MA001-00	4.588528.0	Clamp	Wartsila Canada Inc.	1	3
MA001-00	5000 Hour kit	5000 hour maintenance kit	Wartsila Canada Inc.	1	2
MA001-00	7500HR Kit	7500 HR PM Routine Kit	Wartsila Canada Inc.	1	1
MA001-00	82S1BR22A13	Potentiometer, 5K		1	4
MA001-00	88465A	Filter, Ecovent Recirculator	Cummins Diesel Dartmouth	2	12
MA001-00	93194A	Ecovent Recirculator		1	5
MA001-00	BQ2B040H	Circuit Breaker, Pre-Heater	Siemens Canada Ltd	1	5
MA001-00	ENGINE MOUNT	UD23 Engine Mount	Wartsila Canada Inc.	1	3
MA001-00	MAC2400	Air Compressor, 2.5 HP, 4.2 Gallon	MAKITA	1	2
MA001-00	Testing Kit	Nete Testing Kit	Wartsila Canada Inc.	1	1
MA001-01	2.010915.9	Copper Gasket 25mm		6	33
MA001-01	2.020790.2	Cotter		15	146

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-01	2.026637.4	Rocker Ball End		10	80
MA001-01	2.048024.7	Plug		1	5
MA001-01	2.520072.9	Bushing		10	84
MA001-01	2.520077.4	Rocker Support Spring		10	87
MA001-01	2.520116.2	Bushing		8	42
MA001-01	2.521877.2	Copper Gasket 20mm		30	490
MA001-01	2.521877.2	Copper Gasket 20mm		10	106
MA001-01	2.533739.1	Thrust Bearing Half Plate		2	8
MA001-01	2.539642.2	Equipped Rockers Complete (1.130 Item 3)		8	33
MA001-01	2.539642.2	Equipped Rockers Complete (1.130 Item 3)		1	2
MA001-01	2.539642.2	Equipped Rockers Complete (1.130 Item 3)		1	2
MA001-01	2.560351.5	Spring		15	207
MA001-01	2.561368.3	Cylinder Head Cover		3	15
MA001-01	2.561448.6	Stud		15	179
MA001-01	2.561966.1	Seal		10	94
MA001-01	2.561966.1	Seal		6	32
MA001-01	2.562133.1	Pinion gear - crank		2	10
MA001-01	2.563184.6	Head Ring	Wartsila Canada Inc.	8	51
MA001-01	2.570014.9	Scraper Ring		8	44
MA001-01	2.570047.4	Inlet Valve Seat	Wartsila Canada Inc.	8	54
MA001-01	2.570050.1	Gasket, Compression		10	89
MA001-01	2.570050.1	Gasket, Compression		1	4
MA001-01	2.570050.1	Gasket, Compression		1	2
MA001-01	2.570058.5	Piston Pin		8	38
MA001-01	2.570069.0	Cylinder Liner	Wartsila Canada Inc.	6	31
MA001-01	2.570196.3	Exhaust Valve - 120oc		10	104
MA001-01	2.570197.4	Exhaust Valve Seat	Wartsila Canada Inc.	10	75
MA001-01	2.570239.9	Sealing Ring		8	47
MA001-01	2.570350.0	Piston	Wartsila Canada Inc.	8	36
MA001-01	2.570594.2	Cylinder Head with Valves Complete		6	29
MA001-01	2.570594.2	Cylinder Head with Valves Complete		3	12
MA001-01	2.570594.2	Cylinder Head with Valves Complete		1	2
MA001-01	2.570594.2	Cylinder Head with Valves Complete		1	1
MA001-01	2.570594.2	Cylinder Head with Valves Complete		1	1
MA001-01	2.570637.0	Bearing Shell (Main) Upper and Lower (1 Pair)	Wartsila Canada Inc.	6	32
MA001-01	2.570661.6	Gasket	Wartsila Canada Inc.	10	82
MA001-01	2.570675.4	Exhaust Valve Guide		10	71
MA001-01	2.570676.5	Inlet valve Guide		10	99
MA001-01	2.570761.2-D	Complete Connection Rod Assembly	Wartsila Canada Inc.	2	6
MA001-01	2.570761.2-E	Complete Connection Rod Assembly	Wartsila Canada Inc.	1	2
MA001-01	2.570761.2-G	Complete Connection Rod Assembly	Wartsila Canada Inc.	4	18
MA001-01	2.570761.2-H	Complete Connection Rod Assembly	Wartsila Canada Inc.	1	4
MA001-01	2.570761.2-I	Complete Connection Rod Assembly	Wartsila Canada Inc.	2	7
MA001-01	2.570761.2-J	Complete Connection Rod Assembly	Wartsila Canada Inc.	3	12

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-01	2.570763.4	Crankshaft		1	1
MA001-01	2.570834.2	Inlet Valve Guide		1	3
MA001-01	2.570835.3	Exhaust Valve Guide		1	3
MA001-01	2.570961.5	Engine, Complete	Wartsila Canada Inc.	2	7
MA001-01	2.701239.9	Attachment Collar (Exhaust) (Sets of 2 pcs)	Wartsila Canada Inc.	5	23
MA001-01	2.701239.9	Attachment Collar (Exhaust) (Sets of 2 pcs)	Wartsila Canada Inc.	2	8
MA001-01	2.701239.9	Attachment Collar (Exhaust) (Sets of 2 pcs)	Wartsila Canada Inc.	1	3
MA001-01	2.701554.5	Seal Kit	Wartsila Canada Inc.	15	123
MA001-01	2.701554.5	Seal Kit	Wartsila Canada Inc.	2	10
MA001-01	2.701555.6	Seal Kit	Wartsila Canada Inc.	15	124
MA001-01	2.701555.6	Seal Kit	Wartsila Canada Inc.	2	10
MA001-01	4.091007.5	Gasket		10	101
MA001-01	4.140908.2	Gasket, Copper		15	163
MA001-01	4.140908.2	Gasket, Copper		1	3
MA001-01	4.140908.2	Gasket, Copper		1	2
MA001-01	4.230259.8	Seal		15	208
MA001-01	4.230259.8	Seal		4	20
MA001-01	4.521935.8	Washer		8	54
MA001-01	4.521951.6	Plug		6	31
MA001-01	4.521972.3	O-ring		20	309
MA001-01	4.528329.7	Pin		15	121
MA001-01	4.528788.1	Pin		10	82
MA001-01	4.534404.0	O-ring, cylinder liner water seal		15	162
MA001-01	4.560674.3	Plug		2	12
MA001-01	4.564090.0	O-Ring, for new cylinder head update	Wartsila Canada Inc.	10	60
MA001-01	4.564764.7	Nut		10	108
MA001-01	4.566809.8	Circlip		10	86
MA001-01	4.570200.7	Cap		10	104
MA001-01	4.570336.4	Circlip for Piston Pin	Wartsila Canada Inc.	10	99
MA001-01	4.582269.2	Key		3	16
MA001-01	4.588852.7	Nut		10	76
MA001-01	4.588857.2	O-ring (Post Head Mods - larger)	Wartsila Canada Inc.	10	106
MA001-01	4.589143.9	Throttle Cable		2	8
MA001-01	4.801239.8	O-ring (Post Head Mods - smaller)	Wartsila Canada Inc.	10	80
MA001-01	5.050000.1	Seal, exhaust manifold	Wartsila Canada Inc.	6	29
MA001-01	5.050000.1	Seal, exhaust manifold	Wartsila Canada Inc.	2	7
MA001-01	5.050000.1	Seal, exhaust manifold	Wartsila Canada Inc.	1	3
MA001-01	5.050000.1	Seal, exhaust manifold	Wartsila Canada Inc.	1	2
MA001-01	9.527834.4	Screw CYL. HEAD	Wartsila Canada Inc.	10	94
MA001-01	9.527835.5	Washer		15	117
MA001-01	9.527860.4	Intake Valve		15	116
MA001-01	9.527895.2	Spring Lower Cupel		15	181
MA001-01	9.528198.2	Spring Upper Cupel		15	171
MA001-01	9.533481.1	Nut		15	189
MA001-01	9.534063.9	Bearing Shell Conrod (pces)	Wartsila Canada Inc.	10	70
MA001-01	9.534142.3	Bushing		15	134
MA001-02	2.087740.7	Lug		6	31
MA001-02	2.098152.7	Washer		8	41
MA001-02	2.098152.7	Washer		6	30
MA001-02	2.098153.8	Bushing		8	42
MA001-02	2.098153.8	Bushing		6	30
MA001-02	2.098154.9	Coupling		10	74

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-02	2.098154.9	Coupling		8	38
MA001-02	2.098263.8	Screw		4	20
MA001-02	2.098263.8	Screw		2	8
MA001-02	2.098548.6	Pipe	Wartsila Canada Inc.	6	26
MA001-02	2.140036.8	Gasket, Copper		30	523
MA001-02	2.140036.8	Gasket, Copper		10	66
MA001-02	2.520423.6	Washer		3	16
MA001-02	2.520423.6	Washer		2	8
MA001-02	2.522412.3	Copper Injector Ring Seal	Wartsila Canada Inc.	1	2
MA001-02	2.522621.2	Grooved Screw		6	26
MA001-02	2.544468.1	Fuel Piping		1	3
MA001-02	2.544469.2	Fuel Piping		1	2
MA001-02	2.544470.7	Fuel Piping		1	2
MA001-02	2.544472.1	Union		1	5
MA001-02	2.562944.4	Driving Hub		2	5
MA001-02	2.562945.7	Coupling Flange		2	9
MA001-02	2.562950.2	Flange		2	8
MA001-02	2.565060.4	Seal		15	165
MA001-02	2.565060.4	Seal		4	20
MA001-02	2.570174.8	Coupling Complete		2	6
MA001-02	2.570174.8	Coupling Complete		1	2
MA001-02	2.570174.8	Coupling Complete		1	2
MA001-02	2.570454.1	Screw		6	27
MA001-02	2.570454.1	Screw		3	15
MA001-02	2.570582.8	Injector Leaks Piping (Flex Line)	Wartsila Canada Inc.	6	29
MA001-02	2.570582.8	Injector Leaks Piping (Flex Line)	Wartsila Canada Inc.	2	10
MA001-02	2.570583.9	Pipe	Wartsila Canada Inc.	6	26
MA001-02	2.570583.9	Pipe	Wartsila Canada Inc.	2	10
MA001-02	2.570894.9	Screw		4	20
MA001-02	2.570894.9	Screw		2	8
MA001-02	4.215052.9	Grooved Screw		1	4
MA001-02	4.521801.1	Nut		1	3
MA001-02	4.522627.2	O-Ring, Injector		20	264
MA001-02	4.522627.2	O-Ring, Injector		4	18
MA001-02	4.522627.2	O-Ring, Injector		1	3
MA001-02	4.532973.9	Union		1	5
MA001-02	4.562947.1	Rigid Coupling		2	7
MA001-02	4.570078.3	INJECTION PUMP	Wartsila Canada Inc.	1	4
MA001-02	4.570078.3	INJECTION PUMP	Wartsila Canada Inc.	1	4
MA001-02	4.570078.3-ASSY	Injection Pump With Governor Assembly		1	4
MA001-02	4.570078.3-ASSY	Injection Pump With Governor Assembly		1	2
MA001-02	4.570086.2	Equipped Nozzle Holder or Fuel Injector Assemblies	Wilson & Proctor Limited	8	56
MA001-02	4.570086.2	Equipped Nozzle Holder or Fuel Injector Assemblies	Wilson & Proctor Limited	2	10
MA001-02	4.570175.3	Ring		2	10
MA001-02	4.570865.7	Nut		2	13
MA001-02	4.570865.7	Nut		2	8
MA001-02	4.580013.5	Washer		10	60
MA001-02	4.582916.3	Washer : 0.80mm		8	56
MA001-02	4.583478.1	Grooved Screw		5	23
MA001-02	4.584807.9	Spacer		10	72
MA001-02	4.584808.8	Nut		20	273
MA001-02	4.585661.2	Feed Pump Complete		1	3
MA001-02	4.585839.9	Gasket		6	26

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-02	4.585971.3	Bellows		2	11
MA001-02	4.585972.4	Collar		1	5
MA001-02	4.586753.9	Spring		8	56
MA001-02	4.586754.0	Thrust Bearing		20	276
MA001-02	4.586871.0	Gasket		1	5
MA001-02	4.586916.7	Discharge Valve		2	7
MA001-02	4.588186.4	Feed Pump		2	7
MA001-02	4.588186.4	Feed Pump		1	4
MA001-02	4.588186.4	Feed Pump		1	2
MA001-02	4.588265.4	Valve		1	2
MA001-02	4.588269.6	O-ring		1	3
MA001-02	4.588469.1	Gasket		4	18
MA001-02	4.588469.1	Gasket		1	5
MA001-02	4.588470.6	O-ring		1	4
MA001-02	4.588470.6	O-ring		1	4
MA001-02	4.588470.6	O-ring		1	2
MA001-02	4.588482.5	Key		1	4
MA001-02	4.588778.4	Piston	Wartsila Canada Inc.	1	2
MA001-02	4.800126.8	Delivery Union		3	15
MA001-02	5.050000.4	O-RING	Wartsila Canada Inc.	2	13
MA001-02	505-000-14	Assembled 3 Piping Bundle Cylinders 4-5-6 & 7-8-9	Wartsila Canada Inc.	2	11
MA001-02	505-000-14	Assembled 3 Piping Bundle Cylinders 4-5-6 & 7-8-9	Wartsila Canada Inc.	2	6
MA001-02	505-000-15	Assembled 3 Piping Bundle Cylinders 1-2-3 & 10-11-12		3	13
MA001-02	505-000-15	Assembled 3 Piping Bundle Cylinders 1-2-3 & 10-11-12		2	6
MA001-02	9.564056.2	Nozzle 6x0.344		8	55
MA001-02	PAAG264715	Bosch Pump Repair Kit	Wartsila Canada Inc.	1	4
MA001-02	PAAG283221	Bearing	Wartsila Canada Inc.	2	10
MA001-02	PAAG283222	Bearing	Wartsila Canada Inc.	2	10
MA001-02	PAAG293715	Camshaft	Wartsila Canada Inc.	2	11
MA001-02	PAAG293717	Fuel Rack	Wartsila Canada Inc.	3	12
MA001-03	2.013305.1	Piston		1	2
MA001-03	2.013337.2	Regulation Valve Complete		1	2
MA001-03	2.031478.0	Water Outlet Box		1	3
MA001-03	2.085625.4	Gasket		8	52
MA001-03	2.149630.1	Oval Gasket		6	30
MA001-03	2.149630.1	Oval Gasket		2	10
MA001-03	2.520143.3	Idler Gear		4	18
MA001-03	2.520393.8	Bushing		3	15
MA001-03	2.525917.8	Driving Gear		2	5
MA001-03	2.534458.1	Washer		15	116
MA001-03	2.534768.3	Flexible Piping		2	10
MA001-03	2.534768.3	Flexible Piping		1	3
MA001-03	2.534768.3	Flexible Piping		1	2
MA001-03	2.534768.3	Flexible Piping		1	2
MA001-03	2.534824.4	Pipe		2	13
MA001-03	2.534825.5	Pipe		2	11
MA001-03	2.538234.4	Hose	Wartsila Canada Inc.	1	4
MA001-03	2.540008.6	Flexible Piping		1	4
MA001-03	2.541642.4	Flexible Piping	Wartsila Canada Inc.	1	3
MA001-03	2.542099.7	Flexible Piping (Centrifugal Oil Filter)		4	20
MA001-03	2.561246.3	Breather Pipe		1	5
MA001-03	2.561683.8	Water Inlet Box		1	3
MA001-03	2.561839.2	Spring		6	32

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-03	2.561944.3	Pipe		2	10
MA001-03	2.561944.3	Pipe		1	4
MA001-03	2.561944.3	Pipe		1	2
MA001-03	2.561945.4	Pipe		4	19
MA001-03	2.561945.4	Pipe		1	4
MA001-03	2.561945.4	Pipe		1	2
MA001-03	2.562326.0	Intermediate Gear	Wartsila Canada Inc.	1	4
MA001-03	2.562327.1	Driving Gear, New Style for Oil Pump, (replaces 2.562343.5)		2	9
MA001-03	2.562343.5	Oil Pump Assembly with Pinion Complete	Wartsila Canada Inc.	2	11
MA001-03	2.563236.9	Oil Piping		1	4
MA001-03	2.563238.5	Strainer		1	2
MA001-03	2.570294.1	Take Off/Union		1	3
MA001-03	2.570301.6	Oil Gauge - Dip Stick	Wartsila Canada Inc.	2	7
MA001-03	2.570377.1	Flexible Piping (Centrifugal Oil Filter)		6	26
MA001-03	2.570456.3	Oil Jet		1	5
MA001-03	2.570497.1	Oil Cooler complete		1	2
MA001-03	2.570737.4	Flexible Piping (Injection Pump Lubrication) Plate3.140	Wartsila Canada Inc.	2	8
MA001-03	2.570737.4	Flexible Piping (Injection Pump Lubrication) Plate3.140	Wartsila Canada Inc.	1	3
MA001-03	2.570737.4	Flexible Piping (Injection Pump Lubrication) Plate3.140	Wartsila Canada Inc.	1	2
MA001-03	2.570737.4	Flexible Piping (Injection Pump Lubrication) Plate3.140	Wartsila Canada Inc.	1	2
MA001-03	2.570778.1	Oil Filter Housing		1	4
MA001-03	2.570788.6	Oil Filter Housing Support	Wartsila Canada Inc.	1	3
MA001-03	2.570803.8	Support		1	4
MA001-03	2.570915.3	Oil Piping	Wartsila Canada Inc.	2	6
MA001-03	2.570915.3	Oil Piping	Wartsila Canada Inc.	1	2
MA001-03	2.570915.3	Oil Piping	Wartsila Canada Inc.	1	2
MA001-03	2.570916.4	Oil Piping		3	13
MA001-03	2.570916.4	Oil Piping		1	3
MA001-03	2.570916.4	Oil Piping		1	1
MA001-03	2.571205.5	Bundle, Oil Cooler Core	Wartsila Canada Inc.	1	1
MA001-03	2.573497.1-1	Cap, Sample Test Cock (New Version)SMK20.M14 X 1.5-VC	Larsen Contracting	1	4
MA001-03	4.013343.0	Gasket		3	15
MA001-03	4.013375.0	O-ring		8	57
MA001-03	4.013375.0	O-ring		2	10
MA001-03	4.031487.8	STARTER AIR VALVE		2	13
MA001-03	4.085188.1	Gasket		2	12
MA001-03	4.110377.8	Cock		2	10
MA001-03	4.110386.8	Hand Pump Complete		1	3
MA001-03	4.521792.9	Nut		2	7
MA001-03	4.521823.8	Nut		5	22
MA001-03	4.521823.8	Nut		1	2
MA001-03	4.521828.3	Nut		2	7
MA001-03	4.521834.3	Washer		2	10
MA001-03	4.521834.3	Washer		1	2
MA001-03	4.521894.8	Screw		15	119
MA001-03	4.521970.3	O-ring		8	57

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-03	4.521970.3	O-ring		1	5
MA001-03	4.521970.3	O-ring		1	3
MA001-03	4.521976.9	O-ring		5	23
MA001-03	4.522129.9	Screw		2	8
MA001-03	4.528869.5	O-ring		6	28
MA001-03	4.529077.3	O-ring		8	54
MA001-03	4.529077.3	O-ring		8	42
MA001-03	4.529077.3	O-ring		4	18
MA001-03	4.529307.3	Screw		1	5
MA001-03	4.529307.3	Screw		1	2
MA001-03	4.532113.3	Plug		2	10
MA001-03	4.532800.7	O-ring		3	15
MA001-03	4.532800.7	O-ring		2	9
MA001-03	4.532800.7	O-ring		1	2
MA001-03	4.533786.5	O-ring		6	29
MA001-03	4.533786.5	O-ring		2	8
MA001-03	4.533786.5	O-ring		1	3
MA001-03	4.533988.0	O-ring		6	26
MA001-03	4.534485.3	O-ring		5	24
MA001-03	4.561808.2	Seal		6	32
MA001-03	4.561809.3	O-ring		6	28
MA001-03	4.561830.9	Gasket (Seal Ring)		3	16
MA001-03	4.561925.4	Lube Oil Filter	Wartsila Canada Inc.	15	115
MA001-03	4.562029.4	O-RING	Wartsila Canada Inc.	4	18
MA001-03	4.570321.5	Lube Oil Spinner Cartridge	Wartsila Canada Inc.	15	145
MA001-03	4.570324.8	O-ring (Gasket)		6	31
MA001-03	4.570404.2	Gasket		2	12
MA001-03	4.570406.4	Equipped Cover		1	5
MA001-03	4.570407.5	Oil Filter Shaft - NLA replaced by 4.570403.1 assembly		1	5
MA001-03	4.570494.0	O-ring		4	20
MA001-03	4.570494.0	O-ring		1	4
MA001-03	4.570494.0	O-ring		1	2
MA001-03	4.580114.9	Screw		1	3
MA001-03	4.582532.2	O-ring		8	40
MA001-03	4.586712.0	Union		3	15
MA001-03	4.588165.4	Union		1	5
MA001-03	4.588937.4	O-ring		6	31
MA001-03	4.590055.9	Seal		6	35
MA001-03	4.595041.4	Union		1	4
MA001-03	4.595080.0	Union		1	5
MA001-03	9.528688.3	Plug	Finning Power Systems	6	29
MA001-03	9.529456.5	Bushing		1	4
MA001-03	9.533985.2	Bushing		1	3
MA001-03	9.533986.3	Idler Gear Shaft		3	16
MA001-04	2.098217.8	Flexible Piping	Wartsila Canada Inc.	2	12
MA001-04	2.098217.8	Flexible Piping	Wartsila Canada Inc.	1	2
MA001-04	2.570904.5	Union	Wartsila Canada Inc.	2	12
MA001-04	4.102007.3	Union	Wartsila Canada Inc.	1	3
MA001-04	4.570883.8	Air Starter TDI Complete		2	7
MA001-04	4.570883.8	Air Starter TDI Complete		2	6
MA001-04	4.570886.1	Air Pressure Reducer		2	6
MA001-04	4.570886.1	Air Pressure Reducer		1	3
MA001-04	4.570903.6	Safety Valve		1	3
MA001-04	4.800271.1	TURBINE - AIR STARTER WITH BELL SAE00		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-04	4.800287.4	PLATINE - Controller Module	Wartsila Canada Inc.	2	10
MA001-04	PAAG039872	STARTER OVERHAUL KIT	Wartsila Canada Inc.	2	5
MA001-05	44.47	Hose Clamp	Canadian Maritime Engineering	2	10
MA001-05	705	1/8" NPT Bleeder Vent (for Hot Fill Can)	Wartsila Canada Inc.	6	30
MA001-05	67215	Hot Fill Pressure Can	Wartsila Canada Inc.	1	5
MA001-05	147326	Poly Cylinder Assembly for Hot Fill Pressure Can	Wartsila Canada Inc.	3	15
MA001-05	154054	HPP Plunger Cup for Hot Fill Pressure Can	Wartsila Canada Inc.	5	23
MA001-05	187426	Temp. Cooling Lines	Canadian Maritime Engineering	2	9
MA001-05	187426	Temp. Cooling Lines	Canadian Maritime Engineering	2	8
MA001-05	015-521-00	Nitrile Gasket	Wartsila Canada Inc.	15	186
MA001-05	147-903	Cup for hot fill pressure can	Wartsila Canada Inc.	1	3
MA001-05	154-400	Cup Gasket for Hot fill pressure can	Wartsila Canada Inc.	1	3
MA001-05	2.097971.3	Hose	Wartsila Canada Inc.	2	9
MA001-05	2.107979.4	Hose	Wartsila Canada Inc.	2	9
MA001-05	2.140399.1	Plug		1	5
MA001-05	2.522447.4	Washer		3	15
MA001-05	2.522447.4	Washer		1	2
MA001-05	2.522447.4	Washer		1	2
MA001-05	2.545265.6	Pipe	Wartsila Canada Inc.	6	28
MA001-05	2.560147.3	Connection Girder		1	3
MA001-05	2.560675.2	Seal		6	27
MA001-05	2.560675.2	Seal		1	5
MA001-05	2.561819.8	Screw		2	10
MA001-05	2.561819.8	Screw		1	2
MA001-05	2.561820.3	Yoke		2	10
MA001-05	2.561820.3	Yoke		1	2
MA001-05	2.561821.2	Nut		2	10
MA001-05	2.561821.2	Nut		1	2
MA001-05	2.561824.5	Equipped Belt Stretcher Complete		1	5
MA001-05	2.561824.5	Equipped Belt Stretcher Complete		1	3
MA001-05	2.561824.5	Equipped Belt Stretcher Complete		1	2
MA001-05	2.561824.5	Equipped Belt Stretcher Complete		1	2
MA001-05	2.561874.7	Pulley, Raw Water Pump		1	3
MA001-05	2.562001.9	Flange		2	7
MA001-05	2.562002.0	Sleeve		1	3
MA001-05	2.562084.4	Flange		1	4
MA001-05	2.562091.3	Side Plate		1	2
MA001-05	2.570152.2	Duct	Wartsila Canada Inc.	1	1
MA001-05	2.570160.4	Belt Protection Water Pump		1	5
MA001-05	2.570242.2	Seal Holder Bush		1	5
MA001-05	2.570272.0	Sleeve (Low Temperature - UD 23 V12 M)	Wartsila Canada Inc.	2	8
MA001-05	2.570278.4	Sleeve		2	9
MA001-05	2.570426.1	Protector Damper		1	4
MA001-05	2.570603.5	Thermostatic Case		1	2
MA001-05	2.571120.9	Plug	Wartsila Canada Inc.	2	10
MA001-05	2.571122.9	Zinc Anode, Short		6	30

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-05	2.701203.4	Water Cooler Support, Complete (Plate 5.130, Item 1)	Wartsila Canada Inc.	1	2
MA001-05	2.701204.5	Water Inlet & Outlet Manifold		2	7
MA001-05	2.701526.7	Union - Radiator Neck	Wartsila Canada Inc.	6	32
MA001-05	2.701732.7	Fresh Water Aux. Kit	Wartsila Canada Inc.	1	2
MA001-05	27" Hose	27" Hose	Canadian Maritime Engineering	1	5
MA001-05	4.031652.0	Resistance 6000 W, HEATER		2	10
MA001-05	4.031652.0	Resistance 6000 W, HEATER		1	5
MA001-05	4.110262.5	Thermostat (Low Temperature - UD 23 V12 M)		1	3
MA001-05	4.110262.5	Thermostat (Low Temperature - UD 23 V12 M)		1	3
MA001-05	4.140003.4	Plug		1	5
MA001-05	4.140004.5	O-ring - GASKET - Copper		10	66
MA001-05	4.140339.6	Plug		2	8
MA001-05	4.521846.5 (use Alt P/N)	Screw	Wartsila Canada Inc.	2	10
MA001-05	4.521869.2	Screw		4	18
MA001-05	4.521869.2	Screw		1	5
MA001-05	4.521869.2	Screw		1	3
MA001-05	4.521869.2	Screw		1	3
MA001-05	4.521869.2	Screw		1	3
MA001-05	4.521892.6	Screw		2	8
MA001-05	4.521907.3	Stud		1	5
MA001-05	4.522007.1	Bleeder		1	5
MA001-05	4.529093.6	Washer		2	11
MA001-05	4.529093.6	Washer		1	2
MA001-05	4.529093.6	Washer		1	2
MA001-05	4.532278.8	O-ring		8	40
MA001-05	4.532278.8	O-ring		2	9
MA001-05	4.532278.8	O-ring		1	2
MA001-05	4.534540.1	O-Ring		2	12
MA001-05	4.534540.1	O-Ring		1	4
MA001-05	4.534540.1	O-Ring		1	2
MA001-05	4.561822.5	Ball Joint		3	15
MA001-05	4.561822.5	Ball Joint		1	2
MA001-05	4.561875.0	Belt (Raw Water Pump) - narrow	Wartsila Canada Inc.	8	47
MA001-05	4.561875.0	Belt (Raw Water Pump) - narrow	Wartsila Canada Inc.	3	15
MA001-05	4.562076.3	O-ring		6	27
MA001-05	4.562076.3	O-ring		2	12
MA001-05	4.562076.3	O-ring		2	8
MA001-05	4.562159.7	Water Level Indicator	Wartsila Canada Inc.	1	4
MA001-05	4.562166.2	Cooler Plate Middles		8	47
MA001-05	4.562167.3	Obturator Plate/without holes	Wartsila Canada Inc.	1	5
MA001-05	4.562379.1	Seal		2	11
MA001-05	4.563746.4	Cooler Plate Bottom/with holes	Wartsila Canada Inc.	1	4
MA001-05	4.563778.2	Screw		2	7
MA001-05	4.563778.2	Screw		1	5
MA001-05	4.563778.2	Screw		1	5
MA001-05	4.570317.1	O-ring		8	55

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-05	4.570342.0	O-ring		8	40
MA001-05	4.570342.0	O-ring		2	10
MA001-05	4.570521.2	Belt (Fresh Water Pump) - wide	Wartsila Canada Inc.	8	48
MA001-05	4.570521.2	Belt (Fresh Water Pump) - wide	Wartsila Canada Inc.	3	15
MA001-05	4.570982.1	Plug (Filler Cap)		5	23
MA001-05	4.570982.1	Plug (Filler Cap)		2	9
MA001-05	4.570982.1	Plug (Filler Cap)		1	4
MA001-05	4.570982.1	Plug (Filler Cap)		1	3
MA001-05	4.580264.7	Screw		1	5
MA001-05	4.580266.1	Screw - Bolts		10	78
MA001-05	4.581558.9	Thermostat	Wartsila Canada Inc.	4	19
MA001-05	4.583780.4	Bearing		5	23
MA001-05	4.584135.6	O-ring		10	105
MA001-05	4.584135.6	O-ring		3	15
MA001-05	4.584369.8	O-ring		10	66
MA001-05	4.587168.8	Zinc Anode, Long		6	29
MA001-05	4.587465.2	Gasket	Wartsila Canada Inc.	3	15
MA001-05	4.587552.1	Pin		2	10
MA001-05	4.588079.5	Set Gaskets Complete (See ALT part number)		1	4
MA001-05	4.588079.5	Set Gaskets Complete (See ALT part number)		1	3
MA001-05	4.588079.5	Set Gaskets Complete (See ALT part number)		1	1
MA001-05	4.588080.9	O-ring		3	16
MA001-05	4.588082.9	Seal		2	12
MA001-05	4.588375.2	Nut		2	8
MA001-05	4.588961.2	Shaft		1	3
MA001-05	4.588962.3	Seal		6	29
MA001-05	4.588962.3	Seal		2	10
MA001-05	4.588963.4	Bearing		1	3
MA001-05	4.588970.3	Seal		2	13
MA001-05	4.588971.4	Clamp		3	15
MA001-05	4.597540.1	Plug		1	4
MA001-05	4.800909.2	Raw Water Pump Complete	Wartsila Canada Inc.	1	3
MA001-05	4.800909.2	Raw Water Pump Complete	Wartsila Canada Inc.	1	2
MA001-05	4.800909.2	Raw Water Pump Complete	Wartsila Canada Inc.	1	1
MA001-05	4.801270.1 Danfoss p/n 060L310166 BRN	Pre-Heater Thermostat 20'C-60'C	Emery Electric Ltd.	1	5
MA001-05	5.050004.4	Hose	Wartsila Canada Inc.	2	9
MA001-05	5.050004.5	Hose	Wartsila Canada Inc.	2	8
MA001-05	9.905324.2	Brake		3	15
MA001-05	9.905327.5	Seal Gasket		4	18
MA001-05	9.905333.3	Bearing		3	15
MA001-05	9.905334.4	Bearing		6	21
MA001-05	9.905336.6	Nut		2	11
MA001-05	9.905353.5	RING		3	15
MA001-05	Elbow	1 1/2" 90 Degree Elbow	Canadian Maritime Engineering	2	10
MA001-05	Elbow	1 1/2" 90 Degree Elbow	Canadian Maritime Engineering	1	5
MA001-05	Top Gasket	Top gasket for hot fill pressure can	Wartsila Canada Inc.	1	4
MA001-06	1.800727.1S	Gasket	Wartsila Canada Inc.	3	15
MA001-06	2.535670.6	Plug		5	22
MA001-06	2.563853.2	Support		1	3
MA001-06	2.570309.4	Air Filter	Wartsila Canada Inc.	8	53

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-06	2.570589.1	Spacer		1	3
MA001-06	2.570749.4	Bar		2	12
MA001-06	2.570798.0	Nozzle		1	3
MA001-06	2.570850.0	Support - A BANK		2	10
MA001-06	2.570851.7	Support - B BANK		3	16
MA001-06	2.571038.4	Fork		2	7
MA001-06	2.571224.3	Air Delivery Nozzle		2	5
MA001-06	2.571225.4	Air Piping		1	3
MA001-06	2.571226.7	Air Piping		1	3
MA001-06	2.571230.1	Expansion Joint		1	2
MA001-06	2.571231.2	Expansion Joint		4	16
MA001-06	2.571231.2	Expansion Joint		1	2
MA001-06	2.571231.2	Expansion Joint		1	2
MA001-06	2.571232.3	Exhaust Breech		1	4
MA001-06	4.522124.4	Collar		6	32
MA001-06	4.580116.1	Screw		1	2
MA001-06	4.582696.5	Nut		1	4
MA001-06	4.582911.6	Clamp	Wartsila Canada Inc.	5	23
MA001-06	4.582911.6	Clamp	Wartsila Canada Inc.	2	10
MA001-06	4.582911.6	Clamp	Wartsila Canada Inc.	2	9
MA001-06	4.582911.6	Clamp	Wartsila Canada Inc.	1	2
MA001-06	4.584593.2	Clamp		2	13
MA001-06	4.590016.2	O-ring	Wartsila Canada Inc.	10	72
MA001-06	4.590016.2	O-ring	Wartsila Canada Inc.	2	10
MA001-06	4.590019.3	O-ring		8	43
MA001-06	4.590019.3	O-ring		2	10
MA001-06	5.050000.2	Sealing Braid (Gasket)		5	22
MA001-06	5.050000.2	Sealing Braid (Gasket)		2	10
MA001-06	5.050000.2	Sealing Braid (Gasket)		2	7
MA001-06	5.050000.2	Sealing Braid (Gasket)		1	4
MA001-06	9.309939.1	Hose		5	22
MA001-06	9.533898.1	Seal	Wartsila Canada Inc.	6	29
MA001-06	9.533898.1	Seal	Wartsila Canada Inc.	2	10
MA001-07	2.031243.4	Turbo Gasket S4T		6	33
MA001-07	2.031243.4	Turbo Gasket S4T		1	5
MA001-07	2.031243.4	Turbo Gasket S4T		1	5
MA001-07	2.570330.6	Stud	Wartsila Canada Inc.	6	26
MA001-07	2.570331.5	Nut	Wartsila Canada Inc.	6	32
MA001-07	2.570332.6	Spacer		6	33
MA001-07	4.031641.7	Wheel (Compressor)	Wartsila Canada Inc.	1	4
MA001-07	4.570659.4	Turbo Charger Overhaul Kit	Wartsila Canada Inc.	1	4
MA001-07	4.570805.4	Circlip		2	8
MA001-07	4.570807.6	Clamp	Wartsila Canada Inc.	1	5
MA001-07	4.570809.6	Spacer		2	10
MA001-07	4.570810.4	Clamp	Wartsila Canada Inc.	2	13
MA001-07	4.570811.7	Oil Thrower		1	3
MA001-07	4.570812.8	Bushing		2	9
MA001-07	4.570817.3	Backplate		1	2
MA001-07	4.570820.6	Insert		1	3
MA001-07	4.570823.1	Sealing Ring		1	4
MA001-07	4.570824.2	Housing Assy		1	4
MA001-07	4.570826.4	Compressor Casing		1	3
MA001-07	4.570827.7	Wheel & Shaft Assembly		2	5
MA001-07	4.570925.9	Compressor Wheel		1	2
MA001-07	4.571063.9	Turbo compressor S4T (114.58) Complete	Wartsila Canada Inc.	1	4
MA001-07	4.571063.9	Turbo compressor S4T (114.58) Complete	Wartsila Canada Inc.	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-07	FWT-23-01	Turbo Charger Sleeve, Large 4 3/4 x 27"	PRO INSUL	2	10
MA001-07	FWT-23-02	Turbo Charger Sleeve, Small 3 1/2 x 27"	Pro Insul Limited	2	7
MA001-07	FWT-23-06A	Turbocharger Hood Type A	Pro Insul Limited	4	18
MA001-07	FWT-23-06B	Turbocharger Hood Type B	PRO INSUL	2	7
MA001-07	FWT-23-07	Turbo Charger Wye (Collar)	PRO INSUL	3	15
MA001-08	4.197747.3	Combined Switch (Low Lube-Oil Press. Step 2/High Water Jacket Temp Step 2)		1	4
MA001-08	4.197747.3	Combined Switch (Low Lube-Oil Press. Step 2/High Water Jacket Temp Step 2)		1	1
MA001-08	4.584524.4	Flux Gate/Pickup (Woodward) Sensor		1	5
MA001-08	4.584524.4	Flux Gate/Pickup (Woodward) Sensor		1	5
MA001-09	1.093149.4	Flywheel Complete		1	1
MA001-09	2.011337.0	Damper	Wartsila Canada Inc.	4	15
MA001-09	2.084961.4	Screw		8	48
MA001-09	2.089024.1	Nut		2	12
MA001-09	2.109494.7	Stop		1	3
MA001-09	2.520138.8	Cupel		2	8
MA001-09	2.520139.9	Gasket		20	345
MA001-09	2.534193.4	Bundle		1	2
MA001-09	2.534234.2	Cover (with Screws)		1	4
MA001-09	2.534454.9	Cover (with Screws)		1	5
MA001-09	2.534524.7	Bearing		1	2
MA001-09	2.534580.2	Bend		1	2
MA001-09	2.534581.1	Bend		1	2
MA001-09	2.534586.6	Volute		1	2
MA001-09	2.534612.5	Shaft		1	5
MA001-09	2.534633.2	Push Rod		8	55
MA001-09	2.534647.8	Sleeve		1	5
MA001-09	2.534649.4	Shim		2	12
MA001-09	2.534660.3	Fresh Water Pump with Volute	Wartsila Canada Inc.	1	4
MA001-09	2.534660.3	Fresh Water Pump with Volute	Wartsila Canada Inc.	1	2
MA001-09	2.534661.4	Fresh Water Pump without Volute	Wartsila Canada Inc.	1	3
MA001-09	2.534830.4	Tube		6	30
MA001-09	2.534944.2	Gasket		1	5
MA001-09	2.541768.0	Cooled Air Collector (Left Side) Complete		1	3
MA001-09	2.542946.2	Cooled Air Collector (Right Side) Complete		1	2
MA001-09	2.560244.2	Thrust Flange		1	2
MA001-09	2.560336.8	Camshaft		1	1
MA001-09	2.560849.1	Equipped Engine Adjusting Device/Shell SAE00 (G.E.T)		1	2
MA001-09	2.560876.6	Flywheel Housing (G.E.T.)		1	1
MA001-09	2.561741.3	Timing Gear Case Complete		1	2
MA001-09	2.561817.6	Sleeve/Bushing	Wartsila Canada Inc.	1	2
MA001-09	2.562088.8	Water Pipe		1	2
MA001-09	2.562134.2	Gear Elbow		2	8
MA001-09	2.562336.2	Flywheel/Crown Assembly SAE00 (GET) Complete		1	1

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-09	2.562336.2	Flywheel/Crown Assembly SAE00 (G.E.T) Complete		1	1
MA001-09	2.562892.3	Equipped Bearing		1	3
MA001-09	2.562946.8	Shaft		2	5
MA001-09	2.563278.3	Expansion Gasket/Joint	Wartsila Canada Inc.	2	9
MA001-09	2.563278.3	Expansion Gasket/Joint	Wartsila Canada Inc.	1	3
MA001-09	2.563278.3	Expansion Gasket/Joint	Wartsila Canada Inc.	1	1
MA001-09	2.563900.2	Sleeve		1	2
MA001-09	2.563902.4	Pulley		1	2
MA001-09	2.566318.8	Metal Washer, Locking (2 in a SET)		15	119
MA001-09	2.570124.2	Tappet		15	138
MA001-09	2.570148.4	Pulley, Fresh Water Pump		1	2
MA001-09	2.570173.7	Injection Pump Drive Bearing Assembly		2	6
MA001-09	2.570245.5	Exhaust Heat Shield - B Bank	Wartsila Canada Inc.	1	4
MA001-09	2.570246.6	Exhaust Heat Shield - A Bank	Wartsila Canada Inc.	1	4
MA001-09	2.570333.7	Stud		2	10
MA001-09	2.570334.8	Nut		5	22
MA001-09	2.570458.3	Cover		1	2
MA001-09	2.570881.2	Gasket		8	48
MA001-09	2.571095.0	Gasket		2	5
MA001-09	2.571096.1	Seal Gasket		2	6
MA001-09	2.701133.3	Exhaust Manifold Cylinders 1. 2. 3.	Wartsila Canada Inc.	2	5
MA001-09	2.701134.4	Exhaust Manifold Cylinders 4. 5. 6. or 10. 11. 12	Wartsila Canada Inc.	1	4
MA001-09	2.701135.7	Exhaust Manifold Cylinders 7. 8. 9.	Wartsila Canada Inc.	2	6
MA001-09	2.701621.8	Washer	Wartsila Canada Inc.	2	12
MA001-09	3RH1122-1BB40	Relay 24V	Wartsila Canada Inc.	6	30
MA001-09	3RH1122-1BB40	Relay 24V	Wartsila Canada Inc.	2	8
MA001-09	3RH1140-1BB40	Relay	Siemens Canada Ltd	6	29
MA001-09	3RH1911-1FA31	AUXILIARY CONTACTS	Siemens Canada Ltd	8	48
MA001-09	3RP1020-1AQ30	Relay, 50/60Hz, AC100-127V, AC/DC24V	Siemens Canada Ltd	1	5
MA001-09	3SB1200-0AB53	Push Button, Black	Siemens Canada Ltd	1	3
MA001-09	3SB1200-0AC53	Switch	Siemens Canada Ltd	1	3
MA001-09	3SB1200-0AE53	Push Button, Green	Siemens Canada Ltd	1	5
MA001-09	3SB1200-0AF53	Switch	Siemens Canada Ltd	1	3
MA001-09	3SB1200-1DC53	Switch Stop	Siemens Canada Ltd	1	3
MA001-09	3SB1200-2AB53	Switch	Siemens Canada Ltd	1	3
MA001-09	3SB1200-2AC53	Switch	Siemens Canada Ltd	1	3
MA001-09	3SB1200-4LB53	Keyed Selector Switch	Siemens Canada Ltd	1	3
MA001-09	3SB1218-6BE01	Pilot Light, green	Siemens Canada Ltd	1	4
MA001-09	3SB1902-1AE	Contact support Block	Siemens Canada Ltd	2	8
MA001-09	3TF2010-0BB4	Contacto	Siemens Canada Ltd	1	2
MA001-09	3TF3300-0BB4	Contacto (UD23 Starter) replacement # 3RT2026-1BB40	Siemens Canada Ltd	1	4
MA001-09	3TH2040-0BB4	Relay	Siemens Canada Ltd	4	19
MA001-09	3TH2040-0BB4	Relay	Siemens Canada Ltd	2	8
MA001-09	3TH4244-0BB4	Relay	Siemens Canada Ltd	1	4
MA001-09	3TH4373-0BB4	Relay	Siemens Canada Ltd	1	5
MA001-09	3TX4431-2A	Contact Block	Siemens Canada Ltd	6	28
MA001-09	3VU1300-1MG00	Circuit Breaker	Siemens Canada Ltd	1	3
MA001-09	4.030938.2	Plug	Wartsila Canada Inc.	10	78

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-09	4.031235.0	SEAL	Wartsila Canada Inc.	15	159
MA001-09	4.198108.1	Commutator/Switch	Wartsila Canada Inc.	2	7
MA001-09	4.198335.9	Water Temperature Indicator, 0-150C, 32-302F	Wartsila Canada Inc.	1	2
MA001-09	4.198337.1	Pressure Indicator 0-10 Bar	Wartsila Canada Inc.	2	6
MA001-09	4.198341.1	F/O Pressure Indicator, bar 0-4, psi 0-58	Wartsila Canada Inc.	1	3
MA001-09	4.198346.6	Air Pressure Indicator, bar 0-15, psi 0-232.	Wartsila Canada Inc.	2	5
MA001-09	4.198348.6	Exhaust Gas Temperature Transducer (0-750 degrees)	Wartsila Canada Inc.	2	7
MA001-09	4.521974.5	O-ring/Gasket		15	130
MA001-09	4.521975.6	O-ring		5	23
MA001-09	4.521990.2	Pin		4	18
MA001-09	4.522363.9	Washer		15	135
MA001-09	4.525623.1	Clamp 80 A SECTORS		2	12
MA001-09	4.526304.1	Attaching Collar		2	8
MA001-09	4.527016.8	Gasket		10	72
MA001-09	4.527938.9	Bearing		2	10
MA001-09	4.528050.7	Screw		15	135
MA001-09	4.528670.9	O-ring		6	35
MA001-09	4.528670.9	O-ring		2	10
MA001-09	4.528923.1	Screw		2	10
MA001-09	4.529190.8	O-ring		10	99
MA001-09	4.529190.8	O-ring		2	11
MA001-09	4.529190.8	O-ring		1	4
MA001-09	4.529191.5	O-ring	Wartsila Canada Inc.	15	119
MA001-09	4.529191.5	O-ring	Wartsila Canada Inc.	2	11
MA001-09	4.529191.5	O-ring	Wartsila Canada Inc.	1	4
MA001-09	4.530157.7	O-ring		5	24
MA001-09	4.534011.2	O-ring		10	68
MA001-09	4.534260.4	Gasket (O-ring)		15	131
MA001-09	4.534260.4	Gasket (O-ring)		8	40
MA001-09	4.534528.3	Bearing		2	10
MA001-09	4.534530.1	O-ring		5	23
MA001-09	4.534531.8	Screw		6	34
MA001-09	4.534533.2	O-ring		2	12
MA001-09	4.534635.6	Bearing		2	11
MA001-09	4.534636.9	Bearing		2	10
MA001-09	4.534637.0	O-ring		6	35
MA001-09	4.534637.0	O-ring		1	4
MA001-09	4.534637.0	O-ring		1	2
MA001-09	4.534638.9	O-ring		8	49
MA001-09	4.534641.2	Circlip		2	12
MA001-09	4.534642.3	Seal Gasket (Mechanical Seal)		2	9
MA001-09	4.534643.4	Seal Ring (Seal Plate)		2	9
MA001-09	4.561795.0	Ring		2	10
MA001-09	4.570514.3	Seal Gasket		2	10
MA001-09	4.570755.6	Seal Gasket		2	9
MA001-09	4.570756.9	Seal Gasket		2	13
MA001-09	4.580268.1	Screw		1	2
MA001-09	4.582070.8	O-ring		2	11
MA001-09	4.582070.8	O-ring		1	4
MA001-09	4.582070.8	O-ring		1	2
MA001-09	4.582305.3	O-ring		4	18
MA001-09	4.583137.7	Screw		10	70
MA001-09	4.586164.3	Key		2	11

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-09	4.586745.9	Screw		2	12
MA001-09	4.590023.1	Gasket	Wartsila Canada Inc.	15	127
MA001-09	4.590023.1	Gasket	Wartsila Canada Inc.	2	8
MA001-09	4.590023.1	Gasket	Wartsila Canada Inc.	1	4
MA001-09	4.590023.1	Gasket	Wartsila Canada Inc.	1	4
MA001-09	4.800058.9	Solenoid Valve		2	5
MA001-09	4.800154.6	Spring Seat	Wartsila Canada Inc.	1	3
MA001-09	4.800294.3	Drive		1	2
MA001-09	5.100006.4	Screw (for new style camshaft)	Wartsila Canada Inc.	2	7
MA001-09	5SX2232-8	Circuit Breaker 32A	Siemens Canada Ltd	1	4
MA001-09	9.527146.0	Plug		1	3
MA001-09	9.532066.0	Fresh Water Manifold		3	12
MA001-09	9.532111.4	Gasket Holder Bush		1	5
MA001-09	9.532112.5	Union		4	20
MA001-09	9.534017.3	Intermediate Gear		2	8
MA001-09	9.534018.2	Pinion Gear	Wartsila Canada Inc.	2	6
MA001-09	9.534161.8	Cover		1	5
MA001-09	H3CR-A-AC2448-DC1248	Time Delay Relay - 11 Pin	WESCO Distribution - Canada Inc	1	5
MA001-09	PAAF560583	Retaining Washer	Wartsila Canada Inc.	2	7
MA001-09	PAAG049949	SPEEDI SLEEVE 99189	Wartsila Canada Inc.	3	15
MA001-09	PAAG049951	SPEEDI SLEEVE 99220	Wartsila Canada Inc.	2	7
MA001-09	PAAG152548	Camshaft Kit	Wartsila Canada Inc.	1	3
MA001-10	1.800550.2	Tube		1	3
MA001-10	2.012826.6	Gasket		3	16
MA001-10	2.030697.9	Fuel Filter Assembly		1	3
MA001-10	2.030703.1	Screw		5	23
MA001-10	2.030706.4	Plug		10	78
MA001-10	2.031228.7	Prefilter Head Assembly Complete		1	3
MA001-10	2.087126.4	Union		1	3
MA001-10	2.089014.9	Union		2	12
MA001-10	2.095312.4	Bushing		10	62
MA001-10	2.095968.4	Seal		6	31
MA001-10	2.096333.2	Union	Wartsila Canada Inc.	1	5
MA001-10	2.096333.2	Union	Wartsila Canada Inc.	1	2
MA001-10	2.096870.9	Support Unit		1	5
MA001-10	2.097769.2	Bushing		2	7
MA001-10	2.097969.9	Flexible Piping	Wartsila Canada Inc.	2	8
MA001-10	2.097969.9	Flexible Piping	Wartsila Canada Inc.	1	3
MA001-10	2.097969.9	Flexible Piping	Wartsila Canada Inc.	1	2
MA001-10	2.097969.9	Flexible Piping	Wartsila Canada Inc.	1	2
MA001-10	2.098007.0	Flexible Piping		4	19
MA001-10	2.098007.0	Flexible Piping		2	10
MA001-10	2.098007.0	Flexible Piping		1	5
MA001-10	2.098007.0	Flexible Piping		1	5
MA001-10	2.107975.4	Flexible Piping		2	12
MA001-10	2.107976.7	Flexible Piping	Wartsila Canada Inc.	4	18
MA001-10	2.109990.6	Isolator (Damper) (Shock Absorber) Fresh water expansion tank level sensor	Wartsila Canada Inc.	5	23
MA001-10	2.149145.1	Pipe Clamp		15	116
MA001-10	2.150041.1	Union		1	5
MA001-10	2.151842.2	Clamp		1	5
MA001-10	2.521328.1	Grooved Screw		2	12
MA001-10	2.525396.4	Pipe Clamp		1	5
MA001-10	2.537588.1	Flexible Piping		4	18
MA001-10	2.537588.1	Flexible Piping		1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-10	2.537588.1	Flexible Piping		1	2
MA001-10	2.537588.1	Flexible Piping		1	2
MA001-10	2.537603.8	Pipe		2	13
MA001-10	2.537603.8	Pipe		1	5
MA001-10	2.539212.9	Flexible Piping		5	24
MA001-10	2.539212.9	Flexible Piping		2	11
MA001-10	2.539212.9	Flexible Piping		1	4
MA001-10	2.542637.4	Spacer		2	7
MA001-10	2.546063.4	Cage		1	2
MA001-10	2.546118.0	Fuel Flexible L. 580	Wartsila Canada Inc.	1	3
MA001-10	2.546119.1	Oil Drain Flexible L. 800		1	2
MA001-10	2.546143.1	Air Starting Flexible L. 800		1	1
MA001-10	2.546229.3	Union		2	9
MA001-10	2.546233.3	Support		2	8
MA001-10	2.546253.3	Union		1	5
MA001-10	2.564627.0	Filter Head Gasket		3	16
MA001-10	2.570859.5	Rod		1	2
MA001-10	2.571046.4	Water Tank Support Base		1	3
MA001-10	2.571047.7	Water Tank		1	1
MA001-10	2.701121.9	Vibration Kit (For Part Code 0432)	Wartsila Canada Inc.	1	3
MA001-10	3.116215.5	Fuel Drain Pan Mounting		1	4
MA001-10	4.030704.4	Pre-filter cartridge	Wartsila Canada Inc.	10	80
MA001-10	4.030705.5	Fuel Filter Cartridge	Wartsila Canada Inc.	10	93
MA001-10	4.110473.7	Valve		1	2
MA001-10	4.110586.1	Shock-Absorber		6	30
MA001-10	4.116118.5	Rubber Coupling Pucks Set (Max C type CB Blocks)(Coupling Element)	Wartsila Canada Inc.	1	2
MA001-10	4.116218.9	Filter, Y Strainer		2	9
MA001-10	4.195462.6	Screw		1	3
MA001-10	4.195739.1	Controller/ Switch		1	2
MA001-10	4.195793.2	Electro-Valve		2	9
MA001-10	4.195793.2	Electro-Valve		1	4
MA001-10	4.195823.2	Coil		1	4
MA001-10	4.197758.2	Thermostat		1	2
MA001-10	4.197762.2	High Lubricating Oil Temperature Sensor		1	3
MA001-10	4.197768.4	Low Water Pressure Switch or Low Turbo-Oil Pressure		1	5
MA001-10	4.198251.7	Overspeed Electric Driven Distributor	Wartsila Canada Inc.	2	6
MA001-10	4.198251.7	Overspeed Electric Driven Distributor	Wartsila Canada Inc.	1	4
MA001-10	4.198338.6	Pressure Switch (High Crankcase)	Wartsila Canada Inc.	1	4
MA001-10	4.198339.7	Pressure Switch (Prelube)		1	2
MA001-10	4.198340.2	Sensor, Fuel-Oil Pressure Transducer (4 Bar)		2	6
MA001-10	4.198342.2	Flux Gate		1	2
MA001-10	4.198344.4	Low Starting Air Pressure Switch		1	3
MA001-10	4.198345.5	Sensor, Starting Air Pressure Transducer (16 Bar)		2	6
MA001-10	4.198347.7	Sensor, Thermocouple, A/B Bank		2	10
MA001-10	4.198351.3	Sensor, Thermocouple, Turbo Exhaust	Wartsila Canada Inc.	1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-10	4.198353.5	Contactora - Pressure Switch		1	4
MA001-10	4.198354.6	Vibration Sensor	Amot	2	5
MA001-10	4.198393.2	Potentiometer +/- Droop (2KOhms/10Turn)		1	4
MA001-10	4.198395.4	Counter Button, Round (for use with items: 0475 & 0476)		2	7
MA001-10	4.198932.1	Potentiometer +/- Speed (100R/10TR)		1	4
MA001-10	4.521876.3	Gasket, Copper		2	11
MA001-10	4.531734.6	Gasket		4	19
MA001-10	4.580139.8	Washer		1	3
MA001-10	4.580650.4	Nut		5	23
MA001-10	4.580777.1	Shock-Absorber		1	4
MA001-10	4.580777.1	Shock-Absorber		1	1
MA001-10	4.580990.0	Screw		1	5
MA001-10	4.581450.9	Union		1	5
MA001-10	4.581945.5	Ball Joint		2	12
MA001-10	4.582509.0	Cock		2	10
MA001-10	4.582509.0	Cock		1	5
MA001-10	4.583642.7	Union		1	5
MA001-10	4.585641.8	Shock-Absorber Use Alt #		5	22
MA001-10	4.586052.6	Cock		1	3
MA001-10	4.589125.9	Coupling Complete		1	1
MA001-10	4.589135.1	Electro Pump		2	7
MA001-10	4.589136.2	Indicator		1	1
MA001-10	4.589136.2	Indicator		1	1
MA001-10	4.589138.2	Cock, Valve		2	8
MA001-10	4.590002.3	Gasket		3	16
MA001-10	4.590011.5	Joint (Seal Ring)		6	29
MA001-10	4.590073.1	Gasket		10	90
MA001-10	4.590073.1	Gasket		6	30
MA001-10	4.595001.5	Union		2	11
MA001-10	4.595002.6	Union		1	5
MA001-10	4.595008.2	Union		1	3
MA001-10	4.595016.5	Union		1	5
MA001-10	4.800751.2	Manometer / pressure gauge 2.5" 0-20 BAR	Wartsila Canada Inc.	1	4
MA001-10	5.050004.6	Union (Water Level Sensor)	Wartsila Canada Inc.	2	11
MA001-10	5.300147.0	Sensor Fresh Water Temp Indicator		2	6
MA001-10	605SKB201	Prelube Repair Kit	Wartsila Canada Inc.	1	3
MA001-10	T2.S15.45.M204.00 TSC T 15/45	Bed Mount- Engine Mount	Christie & Grey Limited	4	20
MA001-11	2.012794.4	Gear		1	4
MA001-11	2.012795.5	Gear		1	3
MA001-11	2.012800.7	Shim - Thickness 0.1mm		2	10
MA001-11	2.012801.4	Shim - Thickness 0.2mm		2	12
MA001-11	2.012802.5	Shim - Thickness 0.5mm		2	10
MA001-11	2.012816.4	Shim - Thickness 0.1mm		3	16
MA001-11	2.012817.5	Shim - Thickness 0.2mm		2	7
MA001-11	2.012818.4	Shim - Thickness 0.3mm		2	10
MA001-11	2.012828.6	Cover		1	5
MA001-11	2.012829.9	Gasket		2	10
MA001-11	2.012926.2	Bearing		1	3
MA001-11	2.106291.8	Shim - Thickness 0.1mm		1	4
MA001-11	2.106292.9	Shim - Thickness 0.15mm		1	4
MA001-11	2.106328.6	Bearing		1	3
MA001-11	2.107117.2	Gear-Case		1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-11	2.107125.2	Shim - Thickness		2	9
MA001-11	2.107126.3	Gasket		3	15
MA001-11	2.570938.6	Shaft for EGB 2P		1	5
MA001-11	2.571201.1	Pin (Shaft)		2	10
MA001-11	2.571202.2	Bearing		1	3
MA001-11	2.571206.6	Shim - Thickness 0,2 mm		2	11
MA001-11	2.571207.7	Shim - Thickness 0,5 mm		2	11
MA001-11	2.571209.9	Equipped Support Gear-Case Complete (CASING)		1	2
MA001-11	3.570939.8	Bearing (Governor Control)		1	3
MA001-11	4.201145.8	Bearing		2	7
MA001-11	4.580800.6	Bearing		1	4
MA001-11	4.580835.2	Bearing		2	7
MA001-11	4.580850.7	O-ring (Gasket)		3	15
MA001-11	4.581545.4	Key		1	4
MA001-11	4.585424.1	Level Indicator		2	9
MA001-11	4.585425.2	Plug		1	5
MA001-11	4.585426.3	Plug		2	10
MA001-11	4.585428.3	Key		1	5
MA001-11	4.585442.1	Strainer		1	4
MA001-11	4.586801.3	Pad Rubber		6	27
MA001-11	4.587569.0	Dog - Clutch		1	3
MA001-11	4.587570.7	Nut		1	4
MA001-11	4.587582.2	Cap		1	5
MA001-11	5.050007.8	Oil Seal	Wartsila Canada Inc.	4	18
MA001-11	5.050007.9	Sleeve	Wartsila Canada Inc.	2	7
MA001-11	8241-624A	Governor Linkage Kit OLD STYLE	United Engineering Ltd	1	4
MA001-11	PAAG174873	Governor Linkage Kit NEW	Wartsila Canada Inc.	1	2
MA001-11	PAAG308614	Rod End	Wartsila Canada Inc.	1	4
MA001-11	PAAG308615	Rod End	Wartsila Canada Inc.	1	4
MA011-00, MA012-00	50801	Shaft Line Locking Plates	Canadian Maritime Engineering	1	1
MA011-00, MA012-00	VR2E.0	Clogging Indicator	Hydac	2	12
MA011-01, MA012-01	T003002372	Brake Disc		1	1
MA011-02, MA012-02	M714050036	Self Locking Hexagon Nut with Nylon	LIPS THRUSTERS	6	30
MA011-02, MA012-02	W007000079	O-ring	LIPS THRUSTERS	1	5
MA011-02, MA012-02	W007058012	Cord Ring with Vulcanised Joint	LIPS THRUSTERS	6	30
MA011-04, MA012-04	M710160302	Lubricator Fitting	LIPS THRUSTERS	2	7
MA011-04, MA012-04	M730030132	V-Ring	LIPS THRUSTERS	8	38
MA011-04, MA012-04	T003002210	Packing	LIPS THRUSTERS	1	4
MA011-05, MA012-05	M716100033	Single Coil Spring Washer	LIPS THRUSTERS	2	7
MA011-05, MA012-05	T001009908	Brake Shoe, Complete	LIPS THRUSTERS BRUNEN B.V.	4	20
MA011-05, MA012-05	T003000616	Pneumatic Hose	LIPS THRUSTERS	1	4
MA011-05, MA012-05	T003000640	Diaphragm		1	5
MA011-05, MA012-05	T003002884	Compression Spring		1	3
MA011-05, MA012-05	T003002887	Pad Spring		1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA011-05, MA012-05	T003002984	Brake Shoe (Caliper)		1	4
MA011-05, MA012-05	W006350223	Straight Male Stud Coupling	LIPS THRUSTERS	1	2
MA011-07, MA012-07	M716100031	Single Coil Spring Washer	LIPS THRUSTERS	3	15
MA011-07, MA012-07	M716601033	Dubo Retaining Ring	LIPS THRUSTERS	2	10
MA011-07, MA012-07	M730000245	O-ring	LIPS THRUSTERS	2	10
MA011-07, MA012-07	M730000282	O-ring	LIPS THRUSTERS	1	2
MA011-07, MA012-07	M730030034	V-Ring	LIPS THRUSTERS	1	2
MA011-07, MA012-07	M730030034	V-ring	Supplied by Strictly Hydraulics	1	5
MA011-07, MA012-07	M731000200	Copper Sealing Ring	LIPS THRUSTERS	5	23
MA011-07, MA012-07	T001038234	Sealing Ring	LIPS THRUSTERS	1	3
MA011-07, MA012-07	W007000986	O-ring	LIPS THRUSTERS	1	2
MA011-07, MA012-07	W007024000	O-ring	LIPS THRUSTERS	1	2
MA011-08, MA012-08	T003002144	Planetary Reduction Gear, Type Ed 2065	Wartsila Propulsion Netherlands	1	1
MA011-08, MA012-08	W007000809	O-ring	LIPS THRUSTERS	2	12
MA011-09, MA012-09	0 140 003 003	Cover Distributor	LIPS THRUSTERS	1	3
MA011-09, MA012-09	A111116307	Shaft Oil Seal BABSLS Dia. 55-Dia. 62.7	LIPS THRUSTERS	1	2
MA011-09, MA012-09	M716100034	Single Coil Spring Washer	LIPS THRUSTERS	3	15
MA011-09, MA012-09	M718500486	SPRING PINS		1	5
MA011-09, MA012-09	M730000015	O RING		2	7
MA011-09, MA012-09	M730000030	O RING		1	3
MA011-09, MA012-09	M730000145	O RING		1	2
MA011-09, MA012-09	T002016665	Hydraulic Motor	LIPS THRUSTERS	1	4
MA011-09, MA012-09	T003001658	Mounting Ring		1	2
MA011-09, MA012-09	T003003075	BUSHING		1	3
MA011-09, MA012-09	T010001059	C CLIP		1	3
MA011-09, MA012-09	T010001109	C CLIP		2	7
MA011-09, MA012-09	T010012214	O RING		1	4
MA011-09, MA012-09	T010038002	CYLINDER SEAL		1	4
MA011-09, MA012-09	T010038063	PLASTIC SEAL		1	2
MA011-09, MA012-09	T012107212	BUSHING		2	7
MA011-09, MA012-09	T072270023	Steering Motor Assy	Wartsila Canada Inc.	1	2
MA011-09, MA012-09	T072270023	Steering Motor Assy	Wartsila Canada Inc.	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA011-09, MA012-09	T112103109	Dist Drive Pin		1	2
MA011-09, MA012-09	T112108212	Bushing		2	7
MA011-09, MA012-09	T112109212	Bushing		2	7
MA011-09, MA012-09	T372113464	Tab Washer		1	2
MA011-09, MA012-09	T410111180	Plastic Seal		1	2
MA011-09, MA012-09	T410111200	O-Ring		2	12
MA011-09, MA012-09	T410111210	O Ring		1	2
MA011-09, MA012-09	T410111240	Shaft Seal		1	2
MA011-09, MA012-09	T410111250	Distance Ring		1	3
MA011-09, MA012-09	T412209000	O Ring		1	3
MA011-09, MA012-09	T412217000	O Ring		1	3
MA011-09, MA012-09	T412274000	O Ring		1	2
MA011-09, MA012-09	T412341000	O Ring		1	2
MA011-09, MA012-09	T431063000	C Clip		1	2
MA011-09, MA012-09	T431070000	C Clip		1	2
MA011-09, MA012-09	T451022000	Plug		1	2
MA011-09, MA012-09	T451124000	Sight Glass		1	2
MA011-09, MA012-09	W006200311	Radial Deep Groove Bearing	SKF Canada Limited	1	2
MA011-09, MA012-09	W006220034	Bearing Nj211ecp	SKF Canada Limited	1	3
MA011-09, MA012-09	W006230055	Tapered Roller Bearing	SKF Canada Ltd.	1	2
MA011-09, MA012-09	W007001021	O-ring	LIPS THRUSTERS	6	26
MA011-09, MA012-09	W007250263	Locknut		1	2
MA011-11, MA012-11	T002010561	Flexible Coupling	LIPS THRUSTERS	1	3
MA011-11, MA012-11	T072270024	Azimuth Feedback Unit	LIPS BV	1	1
MA011-15, MA012-15	M713001580	Hexagon Screw	LIPS THRUSTERS	10	61
MA011-15, MA012-15	M735000230	Metal & Rubber Sealing Ring (Bonded Seal)	LIPS THRUSTERS	2	10
MA011-15, MA012-15	SRRMK2220FRAFT	Waukesha Seal Kit (6 various rings per set)	Wartsila Propulsion Netherlands	2	8
MA011-15, MA012-15	W006564110	Hexagon Head Screw Plug	LIPS THRUSTERS	2	12
MA011-15, MA012-15	W007000249	Seamless O-ring Seal	LIPS THRUSTERS	2	8
MA011-15, MA012-15	W007001336	O ring, cord ring with vulc	LIPS THRUSTERS	1	2
MA011-15, MA012-15	W007024300	O Ring	LIPS THRUSTERS	2	10
MA011-15, MA012-15	W084819069	Sealing Ring	LIPS THRUSTERS	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA011-15, MA012-15	W084827750	O-Ring	LIPS THRUSTERS	2	10
MA011-16, MA012-16	W007550008	Locking Wire 1.2m (Measured in Metres)	LIPS THRUSTERS	2	8
MA011-17, MA012-17	M716200031	Toothed Lock Washer - Stainless Steel	Wartsila Canada Inc.	10	68
MA011-17, MA012-17	T003003277	Liner NiCr Steel ceramic	Wartsila Canada Inc.	1	1
MA011-17, MA012-17	T003003889	Rope Guard	Wartsila Propulsion Netherlands	1	2
MA011-17, MA012-17	W006580045	Ring, Sealing	LIPS THRUSTERS	8	56
MA011-17, MA012-17	W007001022	O-ring	LIPS THRUSTERS	2	10
MA011-17, MA012-17	W007001415	Cord Ring with Vulcanised Joint	LIPS THRUSTERS	2	10
MA011-17, MA012-17	W007100386	Hexagon Head Screw	LIPS THRUSTERS	15	133
MA011-17, MA012-17	W007110179	Hexagon Bolt	LIPS THRUSTERS	10	89
MA011-17, MA012-17	W007281063	Hex. Socket Head Cap Screw	LIPS THRUSTERS	8	49
MA011-17, MA012-17	W009953020	Propeller Assy (stbd)	LIPS THRUSTERS	1	2
MA011-17, MA012-17	W0099531106	Propeller Assy (port)	LIPS THRUSTERS	1	2
MA011-17, MA012-17	W084829181 (See Alt P/N)	Sheet Packing - Neoprene	Wartsila Propulsion Netherlands	2	8
MA011-17, MA012-17	W084829182	Sheet Packing - Neoprene	Wartsila Canada Inc.	2	8
MA011-18, MA012-18	07309401	Seal Kit		1	2
MA011-18, MA012-18	07309412	Seal Kit		1	2
MA011-18, MA012-18	M/SR 20KE50-1X	Check Valve Cartridge	Rexroth	1	3
MA011-18, MA012-18	P1S237-BF	Pressure Gauge, 3.5", 0-100 PSI	Wartsila Propulsion Netherlands	1	2
MA013-00	8290B002	Piston Valve 1/2", 2-way, N/C, Brass	ASCO	1	5
MA013-00	8290B005	Piston Valve 3/4", 2-way, N/C, angle bronze body		1	3
MA013-00	9012 GAW-6 Q4	Square D Pressure Switch Interruptor, series C, range 5 -250 psi, max 750 psi	EECOL Electric (Sask) Ltd.	2	7
MA013-00	9012 GAW-6 Q4	Square D Pressure Switch Interruptor, series C, range 5 -250 psi, max 750 psi	EECOL Electric (Sask) Ltd.	1	5
MA013-00	9012 GAW-6 Q4	Square D Pressure Switch Interruptor, series C, range 5 -250 psi, max 750 psi	EECOL Electric (Sask) Ltd.	1	3
MA013-00	9012 GAW-6 Q4	Square D Pressure Switch Interruptor, series C, range 5 -250 psi, max 750 psi	EECOL Electric (Sask) Ltd.	1	2
MA013-00	A111119032	Bulb 6V, 200ma, 1.2w		6	32
MA013-00	A111119033	Motor Control Switch		1	3
MA013-00	A111119035	Contactior	Telemecanique	1	3
MA013-00	A111119036	FUSE 600MA, 250V, SB, 1/4 X 1 1/4", Glass Tube		10	60
MA013-00	A111119037	Pilot Light Green	Telemecanique	1	5
MA013-00	A111119038	Pilot Light Red	Telemecanique	1	4
MA013-00	A111119040	Pilot Light Body	Telemecanique	1	5
MA013-00	A111119041	Disconnect Switch		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA013-00	A111119043	Relay	Telemecanique	1	3
MA013-00	A111119044	Overload Relay		1	3
MA013-00	A111119045	FUSE 1.25A, 250V, SB, 1/4" X 1 1/4", Glass Tube		10	60
MA013-00	A111119046	Relay	Telemecanique	1	2
MA013-00	A111119047	Overload Relay	Telemecanique	1	2
MA013-00	A111119049	Current Xmfr	Crompton Instruments	1	2
MA013-00	A111119050	Ammeter		1	2
MA013-00	A111119053	Phase Failure Relay		1	2
MA013-00	PUA31-05	Float Switch	Bosch Rexroth Canada Corp.	1	3
MA013-00	T002016810	Thermometer		1	2
MA013-00	T002017215	Solenoid Valve		1	4
MA013-00	T003000865	Hose		1	2
MA013-00	T003000928	O Ring		1	2
MA013-00	T003000933	C Clip		1	3
MA013-00	T003002014	Shim		1	3
MA013-00	T003002707	Filler/Breather		1	4
MA013-00	T003002708	Ball Valve, 1 Inch		1	3
MA013-00	T003002709	Float Switch		1	1
MA013-00	T003002710	Temperature Switch		1	4
MA013-00	T003002715	Valve		1	3
MA013-00	T003002716	Valve		1	3
MA013-00	T003002719	Thermometer		1	2
MA013-00	T003002733	Valve	REXROTH	1	2
MA013-00	T003002736	Non Return Valve		1	2
MA013-00	T003002738	Shuttle Valve		1	2
MA013-00	T003002740	Hose		1	2
MA013-00	T003002743	Thermostat - Order Alt #	Parker	5	24
MA013-00	T003002747	Hydraulic Hose		1	2
MA013-00	T003002748	Non Return Valve		1	2
MA013-00	T003002749	Ball Valve		1	2
MA013-00	T003002751	Filter		1	2
MA013-00	T003002753	Sight Glass		1	2
MA013-00	T003002754	Liquid Level Float Control		2	6
MA013-00	T003002755	Non Return Valve		1	2
MA013-00	T003002756	Valve, Blocking		1	2
MA013-00	T003002759	Upper Pump 1PF2G331/032RA07MSK	REXROTH	1	2
MA013-00	T003002760	Lower Pump 1PF2G241/008RN20MDL	REXROTH	1	2
MA013-00	T003002763	Non Return Valve		1	2
MA013-00	T003002764	Non Return Valve		1	2
MA013-00	T003002770	Flexible Coupling		1	2
MA013-00	T003002771	Flexible Coupling		1	2
MA013-00	T003002772	Flexible Coupling		1	2
MA013-00	T003002776	Non Return Valve		1	2
MA013-00	T003002885	Helical Tension Spring		1	5
MA013-00	T003002886	Torsion Spring		1	3
MA013-00	T003002926	Non Return Valve		1	2
MA013-00	T003004347	Intermediate Piece		1	1
MA013-00	T422141000	Tapered Roller Bearing		1	2
MA013-00	W006907735	Overload Relay	Telemecanique	1	2
MA013-00	W006922227	Auxiliary Contacts		1	3
MA013-00	W006931036	Switch Head	Telemecanique	1	3
MA013-00	W006931037	Contact Block	Telemecanique	1	3
MA013-01	003584	Orifice 1mm, model code 00005527, 1.0M4x7 MS	Bosch Rexroth Canada Corp.	1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA013-01	M8X32MM	Keystock	Bosch Rexroth Canada Corp.	2	12
MA013-01	PAAF476794	Hydraulic Steering Pump Kit for Z-Drive - includes Pump and (2) Flanges	Wartsila Propulsion Netherlands	2	9
MA013-01	Pressure Pipe	Pressure Pipe	Atlantic Flushing & Testing	2	9
MA013-01	T003002720	E-Motor		1	3
MA013-01	T003002722	Flexible Coupling, Hub E-Motor GR42	Rotex	2	12
MA013-01	T003002723	Flexible Coupling, Hub Pump GR42	Rotex	2	12
MA013-01	T003002724	Flexible Coupling Spider-GR42 Primary Pump(Yellow & Red)	Rotex	2	12
MA013-01	T003002726	E-Motor		1	3
MA013-01	T003002727	Flexible Coupling (Hub E-Motor)		1	5
MA013-01	T003002728	Flexible Coupling 56 (Hub Pump)		1	5
MA013-01	T003002729	Flexible Coupling Spider GR38 (Yellow)(standby pump)	Bosch Rexroth Canada Corp.	2	9
MA013-01	T003002731	Gear Pump (stand-by pump, 40cc)	REXROTH	1	2
MA013-01	T003002758	E-Motor Teco Frame 182T 3hp, 575v 1725rpm	Emery Electric Ltd.	1	3
MA014-00	2.093484.2	SEAL (Order Alternate)	Wartsila Canada Inc.	2	10
MA014-00	2.600453.5	Bellows Expansion Joint (Silencer)		2	5
MA014-00	2.600453.5	Bellows Expansion Joint (Silencer)		1	4
MA015-00	10485	Bushing, Butterfly Valve		1	5
MA015-00	10486	Bushing		1	2
MA015-00	10487	Bushing		1	4
MA015-00	10496	Shaft Seal		1	4
MA015-00	10497	Shaft Seal		1	3
MA015-00	10498	Shaft Seal		1	3
MA015-00	10499	Shaft Seal		1	2
MA015-00	10651	O-ring		2	8
MA015-00	11271	Seat (2 1/2" Butterfly Valve)		1	2
MA015-00	11272	Seat (3" Butterfly Valve)	Preston Phipps Inc.	1	2
MA015-00	11273	Seat (4" Butterfly Valve)		1	2
MA015-00	11274	Seat (5" Butterfly Valve)		1	2
MA015-00	02-0200-70010-529	Flow Control Disc	Halifax Shipyard Ltd.	1	3
MA015-00	2" F1020-FEE3 (39108)	2" Butterfly Valve	Meridian Specialties Inc.	2	8
MA015-00	31-0300-11010-10X	3" Butterfly Valve (Bray)	Land & Sea Instrumentation	2	7
MA015-00	31-0400-11010-10X	4" Butterfly Valve, Bray	BRAY	2	9
MA015-00	5" F1020-FEE3 (39107)	5" Butterfly Valve	Bray	2	9
MA015-00	8" F1020-FEE3 (39105)(Use Alt)	8" Butterfly Valve C/W Handle		1	4
MA015-00	Handle 2-3"	2-3" Handle (for 2 or 3" Butterfly Valve)	Halifax Shipyard Ltd.	2	7
MA015-00	Handle 8"	8" Handle Assy c/w flow control disc (for 8" Butterfly Valve)	Halifax Shipyard Ltd.	2	7
MA015-01	AC345A-NR	Stem	A. CROSBIE INCORPORATED	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA015-01	AC345BS	Bonnet Stud	A. CROSBIE INCORPORATED	5	23
MA015-01	AC345GS	Gland Stud	A. CROSBIE INCORPORATED	2	8
MA015-01	BA-300	8" Butterfly Valve, tag# SC-V-001, Spec. ASTM B61-C9220	Montreal Valve	1	2
MA017-00	0060R010BN4HC	Z Drive Hycon Hyd. System Primary Filter	HYDAC	1	5
MA017-00	0240R010BN4HC	Z Drive Hycon Lube Oil Primary Filter (10 Micron)	HYDAC	8	39
MA017-00	0240R010P/HC	Z Drive Hycon Hydraulic Oil Filter	Hydac	5	22
MA017-00	0500 Basket Perf	Replacement basket for BFC 125 strainer, Std. 1/8" perf	Sure Flow Equipment Inc.	2	9
MA017-00	188-BR-AR	3" Angle Valve Assy	Montreal Valve Reseating Ltd	1	2
MA017-00	188-BR-AR-2	Cover	Montreal Valve Reseating Ltd	1	3
MA017-00	188-BR-AR-3	Seat	Montreal Valve Reseating Ltd	1	3
MA017-00	188-BR-AR-4	Disc	Montreal Valve Reseating Ltd	1	2
MA017-00	188-BR-AR-5	Stem	Montreal Valve Reseating Ltd	1	4
MA017-00	188-BR-AR-6	Gasket	Montreal Valve Reseating Ltd	1	3
MA017-00	188-BR-AR-7	Packing	Montreal Valve Reseating Ltd	8	38
MA017-00	188-BR-AR-8	Gland	Montreal Valve Reseating Ltd	1	3
MA017-00	9IT35(order ALT#)	Thermogauge (-40/110)	Winter's	6	26
MA017-00	Anode461	Anode - Steel FB 4" x 6" x 1"	Canadian Maritime Engineering	4	18
MA017-00	BF-125C (See Alt P/N for info)	Strainer 5" Thyristor Cooling System	Viking Metals & Marine Supplies	1	3
MA017-00	T-134-1	1" Gate Valve, 150 psi, bronze	Meridian Specialties Inc.	2	9
MA017-00	T-235-Y-1 1/2	1 1/2", Globe Valve, 150 psi, bronze NIBCO	NIBCO	4	18
MA017-00	T-433-B 1 1/2"	1 1/2", Valve Swing		1	2
MA018-00	6202	Ball Bearing		1	2
MA018-00	7202	Ball Bearing		1	2
MA018-00	129420137	Distance Sleeve POS 13-S		1	5
MA018-00	135630110	Spacer Ring		1	2
MA018-00	135709114	Filter & Non-Return Valve		1	2
MA018-00	217510240	Shaft Seal Ring POS 22 (20 30 7)	Austin and Denholm	1	4
MA018-00	217510740	Shaft Seal Ring POS 22-3 (22 35 7)	PLAD Equipment Ltd	1	2
MA018-00	217513040	Shaft Seal Ring (POS 22-2) 38 x 56 x 10	PLAD Equipment Ltd	3	15
MA018-00	217514540	Shaft Seal Ring POS 22-1 (46 65 10)		6	32
MA018-00	217514940	Shaft Seal Ring 48 x 65 x 10	PLAD Equipment Ltd	2	12
MA018-00	217516440	Shaft Seal Ring POS 22-6 (60 75 8)	PLAD Equipment Ltd	1	2
MA018-00	217516440	Shaft Seal Ring POS 22-6 (60 75 8)	PLAD Equipment Ltd	1	2
MA018-00	217631002	Ball Bearing		1	3
MA018-00	217631002	Ball Bearing		1	2
MA018-00	217631909	Ball Bearing POS 20	Austin and Denholm	2	7

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA018-00	219651602	Coupling Half Pos 861.2	IRON A/S	1	1
MA018-00	13810-12 (see Alt P/N.)	Impeller	Iron A/S Pump	1	2
MA018-00	13810-18	Pump Shaft	Iron Pump A/S	1	2
MA018-00	13810-26	Mechanical Seal		1	4
MA018-00	13811-149	Packing		2	11
MA018-00	POS 22-6	Shaft Seal Ring		1	2
MA018-00	Pos 45 or 135650102	Coupling Part 1		1	2
MA021-00	10652	O-ring Butterfly Valve		1	5
MA021-00	10652	O-ring Butterfly Valve		1	4
MA022-00	Anode Med.	Anode (Medium) dimensions: 3/8 bsp x 2 1/2"	Wartsila Propulsion Netherlands	8	47
MA022-00	P-130-2Z-L1100	Lube Oil Cooler	Bosch Rexroth Canada Corp.	1	4
MA023-00	Anode S (See Alt)	Anode (small) Diameter 1/4" npt x Length 2 1/2"		8	46
MA023-00	DIT-A-80SS	Barksdale Pressure Switch .5 to 80 psi.	Barksdale	1	4
MA023-00	P-100-3Z-L900	Hydraulic Oil Cooler	Bosch Rexroth Canada Corp.	1	1
MA023-00	P-100-3Z-L900	Hydraulic Oil Cooler	Bosch Rexroth Canada Corp.	1	1
MA024-00	NTR207 Z	Thermostatic Valve	SART	1	4
MA024-00	TP200.3	Thermostatic Actuator	SART von Rohr SAS	2	6
MB001-00	40-48WL-150	Gland Plug Valve		1	2
MB001-00	CP 2326SF	2½" Vent Check Valve		1	2
MB001-00	T-134-1/2	1/2" Gate Valve		1	2
MB001-00	T-235-Y-1	1" Globe Valve, Bronze, Threaded	Viking Metals & Marine Supplies	2	12
MB001-00	VM23 - 3/4	3/4" 150lb Self Closing Globe Valve		1	2
MB001-01	414-B	Manual Transfer Pump	PLAD Equipment Ltd	1	2
MB001-01	BLA 701947	Manual Pump - O-ring		1	2
MB002-00	961641	Filter		3	15
MB002-00	02347N7	O' ring, Portable Lube oil pump	Strictly Hydraulics	2	9
MB002-00	4J x 5/8	Flexible Coupling (Woods coupling)	Plad Equipment	2	8
MB002-00	4JE	Elastomer Insert for Flex Coupling	PLAD Equipment Ltd	1	4
MB002-00	G432	Portable Transfer Pump	Viking Pump Canada	1	1
MB002-00	G432(10)	Idler Bushing		1	5
MB002-00	G432(15)	Relief Valve Gasket		1	4
MB002-00	G432(16)	Relief Valve		1	3
MB002-00	G432(7)	Casing Bushing		1	5
MB002-00	G432(8)	Head Gasket (set)		2	9
MB002-00	M63188	Junction Box Motor Starting Sw	SQUARE D	1	2
MB002-00	S-134	1" Gate Valve 150 SWP	NIBCO	1	2
MB003-00	3-551-005-627	Gear Reducer	PLAD Equipment Ltd	1	2
MB003-00	5J x 7/8	Flexible Coupling	RESEAU CB	1	2
MB003-00	702 Compound Gauge	Gauge -100-0-700 KPA	PLAD Equipment Ltd	1	3
MB003-00	702 Pressure Gauge	Gauge 0-700 KPA	PLAD Equipment Ltd	1	2
MB003-00	K4125(10)	Lip Seal		2	12
MB003-00	K4125(15)	Bracket Bushing		1	5
MB003-00	K4125(16)	Mechanical Seal	PLAD Equipment Ltd	1	3
MB003-00	K4125(17)	Bracket Gasket (use Alt#)		1	5
MB003-00	K4125(22)	Idler Bushing		1	5
MB003-00	K4125(23)	Head Gasket		2	7

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MB003-00	K4125(4)	Lip Seal		1	3
MB003-00	K4125(6)	Ball Bearing (use Alt)		1	4
MB004-00	5007833	3/4" N.B. Pressure Reg Valve Set	HALIFAX SHIPYARDS LTD.	1	2
MB004-00	18V	Bulb - 18V, 0.1A		1	2
MB004-00	18V	Bulb - 18V, 0.1A		1	2
MB004-00	FK-1500-29	Fuse Holder		1	2
MB004-00	PC-1003-6	Motor		1	2
MB004-00	PC-1035-11	Lens, Green		5	23
MB004-00	PC-1035-14	Lens, Amber		6	28
MB004-00	PC-1035-15	LENS, White or Clear		4	19
MB004-00	PC-1035-19	Lamp 120V		8	55
MB004-00	PC-1090-1	Starter, Open Type 2 Pole, 120V 60Hz		1	2
MB004-00	PC-1195-2	Solenoid Valve W/Manual Override (3/4-Inch)		1	2
MB004-00	PC-1196-2	Solenoid Valve (3/4-Inch)		1	2
MB004-00	PC-1202-5	Body, Coupling		1	3
MB004-00	PC-1203	Coupling, Spider		1	5
MB004-00	PC-1204-1	Moyno Pump Complete Model 33301		1	1
MB004-00	PC-1204-10	Drive Shaft		1	2
MB004-00	PC-1204-11	Bearing SKF 6203-2RS1/C3	SKF Canada Ltd.	1	3
MB004-00	PC-1204-12	Snap Ring		1	3
MB004-00	PC-1204-13	Mechanical Seal		1	2
MB004-00	PC-1204-14	Slinger Ring		1	3
MB004-00	PC-1204-7	Stator		1	2
MB004-00	PC-1204-8	Rotor		1	2
MB004-00	PC-1204-9	Joint		1	2
MB004-00	PC-1211-1	Gauge (30 Inch Hg x 30 PSI)		1	2
MB004-00	PC-1211-3	Gauge (200 PSI/1400 KPA)		1	2
MB004-00	PC-1214-1	Safety Valve		1	2
MB004-00	PC-1215-5	Valve, Swing Check, Bronze		1	2
MB004-00	Pc-1262-1	Indicator Light, 125vac Flasher, Red (2660t1)		1	2
MB004-00	S1-008-9-K8	Coalescer Box Gasket Kit	Hermont Marine	1	2
MB004-00	ST15033	Gasket, Lid, 8 GPM		3	16
MB004-00	ST21027-3	Probe Assembly (Lower)		1	2
MB004-00	ST21027-4	Probe Assembly (Upper)		1	2
MB004-01	30606	Wiper Seal (Viton)	Deckma Hamburg GmbH	2	8
MB004-01	65545	O Ring Set for OMD-21	Deckma Hamburg GmbH	1	2
MB004-01	65570	Spare Parts Kit for OMD-21	Deckma Hamburg GmbH	1	3
MB004-01	PC-1040-2	Oil Content Meter		1	2
MC001-00	46761	Blocking Rotor Gear		1	2
MC001-00	48960	Displacement Rotor		1	2
MC001-00	49403	Adjuster		1	2
MC001-00	103475	Overload Relay 2-4A		1	2
MC001-00	103476	Overload Relay 4-6A		1	2
MC001-00	1" QUICLOSE-STRAIGHT	1" Globe Valve, Hyd. Oper., Class 150, Flanged, Cast Steel	Young & Cunningham Con Inc.	1	2
MC001-00	1/2"-13NCX2LG	Bonnet Stud		3	15
MC001-00	1505/32491/1.5in-12	O-ring Seal Kit (1" & 1.5" O.D O-Rings)		1	2
MC001-00	1505/32491/1in-12	O-ring Seal Kit (1" & 1 5/8" O.D. O-Rings)		1	2
MC001-00	1505/32491/1IN-7	Valve Closing Spring		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MC001-00	1505/32491/3IN-8	Wing Collar		1	2
MC001-00	1510/32491-13	Non Return Valve		1	2
MC001-00	1510/32491-14	Pressure Gauge		1	2
MC001-00	1510/32491-15	Sight Gauge		1	2
MC001-00	1510/32491-42	Relief Valve		1	2
MC001-00	1510/32491-9	Hand Pump O-ring (1" O.D. O-Ring)		1	5
MC001-00	18A43-0	Solenoid Valve, 120V, 60hz, 25W	Mobile Valve (Division of Source Atlantic - Marine)	1	4
MC001-00	194-1 1/2	1 1/2" Gate Valve		1	2
MC001-00	2876/A-4	Spring		1	2
MC001-00	3" QUICLOSE-ANGLE	3" Globe Valve, Hyd. Oper., Class 150, Flanged, Cast Steel	Young & Cunningham Con Inc.	1	2
MC001-00	3" QUICLOSE-STRAIGHT	3" Globe Valve, Hyd. Oper., Class 150, Flanged, Cast Steel	Young & Cunningham Con Inc.	1	2
MC001-00	3" QUICLOSE-STRAIGHT	3" Globe Valve, Hyd. Oper., Class 150, Flanged, Cast Steel	Young & Cunningham Con Inc.	1	1
MC001-00	5/16"NCX3/4"LG	Seat Screw		2	8
MC001-00	548012-02	Intermediate Part		1	2
MC001-00	60A	Handwheel		1	2
MC001-00	70A	Handwheel		1	4
MC001-00	788700-041	FOM Register		1	2
MC001-00	AC310RMS	Stem		1	2
MC001-00	AC310S	Seat		1	2
MC001-00	AC342BS	Bonnet Stud		3	15
MC001-00	AC342DSL	Disc		1	2
MC001-00	AC342G	Gland		1	4
MC001-00	AC342GA	Gasket		1	4
MC001-00	AC342RMS	Stem		1	3
MC001-00	AC342S	Seat		1	2
MC001-00	AC342Y	Bonnet		1	4
MC001-00	AC345BS	Bonnet Stud		5	23
MC001-00	AC345DNR	2" Disc, Globe Valve, 150psi, rising stem	Montreal Valve Reseating Ltd	1	2
MC001-00	AC345DSL	Disc		2	8
MC001-00	AC345G	Gland		1	5
MC001-00	AC345GA	Gasket	Crosbie Industrial Services Ltd.	2	13
MC001-00	AC345RMS	Stem		1	4
MC001-00	AC345SM	Seat		1	4
MC001-00	AC345SS	Stem		1	4
MC001-00	AC345Y	Bonnet		1	4
MC001-00	C342BS	Bonnet Stud		3	15
MC001-00	C-6122100	Fuel Sample Bottle 32oz, 1.5L	A. G. White Technical Services	10	97
MC001-00	F-0054B-02TY-1/2	½ Inch Gate Valve	Meridian Specialties Inc.	1	3
MC001-00	P2-30-CNA	Switch Handle and Shaft		1	2
MC001-00	PO148PK	4.5" Pressure Gauge 0-700kPa		1	2
MC001-00	TBD10	Pressure Gauge, Winters P3S Series, -30 to +30 PSI.		1	2
MC002-00	38s-FS2-3/4	3/4 Swing Check Valve	Newco	1	2
MC002-00	F-2074B-02TY-1/2	½" Globe Valve		1	2
MC003-00	2-055-012-375-00	Ball Bearing (item 6)	Viking Pump Canada	2	12
MC003-00	2-095-011-880-02	Idler Bushing (item 22)	Viking Pump Canada	2	12
MC003-00	2-109-003-880-00	Bracket Bushing (item 13)	Viking Pump Canada	2	12

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MC003-00	2-283-008-378-00	Lip Seal for Seal Chamber (item 8)	Viking Pump Canada	2	10
MC003-00	2-283-067-378-00	Lip Seal for End Cap (item 5)	Viking Pump Canada	3	15
MC003-00	2-288-003-210-00	Bearing Spacer Collar (item 4)	Viking Pump Canada	4	20
MC003-00	2-305-021-806-00	Jacketed Head Plate Gasket (item 25)	Viking Pump Canada	2	12
MC003-00	2-309-001-804-06	Head Gasket (item 19)	Viking Pump Canada	2	11
MC003-00	2-313-001-804-15	Bracket Gasket (item 15)	Viking Pump Canada	2	11
MC003-00	2-433-004-291-00	Idler Pin (item 23)	Viking Pump Canada	2	13
MC003-00	2-476-001-999-00	Mechanical Seal (item 14)	Viking Pump Canada	2	10
MC003-00	3-418-403-603-42	Idler & Bushing Assembly (item 21)	Viking Pump Canada	2	12
MC005-00	1762163-01	Feed Pump, Type ACP 032N1 NVBP		1	1
MC005-00	1762163-01	Feed Pump, Type ACP 032N1 NVBP		1	1
MC005-00	1762163-01	Feed Pump, Type ACP 032N1 NVBP		1	1
MC005-00	1762163-01	Feed Pump, Type ACP 032N1 NVBP		1	1
MC005-00	1762163-01	Feed Pump, Type ACP 032N1 NVBP		1	1
MC005-00	1762163-31	Fuel Feed Pump Seal kit (1 Year)	Alfa Laval	1	4
MC005-00	1762163-33	Fuel Feed Pump - Spare Parts & Seal Kit (3 to 5 years)	Alfa Laval Canada	1	1
MC005-00	1762163-33	Fuel Feed Pump - Spare Parts & Seal Kit (3 to 5 years)	Alfa Laval Canada	1	1
MC005-00	1765100-02 order alt#	Fuel Oil Purifier Flow Meter	Alfa Laval	1	3
MC005-00	1929200C-99D	Motor, Feed Pump Drive		1	5
MC005-00	194-4	4" Gate Valve		1	3
MC005-00	6204/C3	Bearing	IMO Industries (Canada) Inc.	1	2
MC005-00	BZRW8422P4	Microswitch for flow meter	IMO Industries (Canada) Inc.	1	5
MC005-00	Item 24	Idler Rotor Set	IMO Industries (Canada) Inc.	1	1
MC005-00	Item 25	Power Rotor	IMO Industries (Canada) Inc.	1	2
MC005-00	P168484	Valve Piston	Alfa Laval Inc.	1	3
MC005-00	P168484	Valve Piston	Alfa Laval Inc.	1	3
MC005-00	P168484	Valve Piston	Alfa Laval Inc.	1	3
MC005-00	SPIDER	Spider for Pump/Motor Coupling	IMO Industries (Canada) Inc.	1	5
MC006-00	32652	Spring		1	4
MC006-00	37535	Ball Bearing		1	4
MC006-00	1763910-01	Flexible Hose Water		1	5
MC006-00	221035-02	Screw		2	7
MC006-00	221040-05	Screw		2	8
MC006-00	221803-33	Nut		2	7
MC006-00	222137-10	Cylindrical Pin		1	2
MC006-00	223404-20	O-ring (2cm)		6	26
MC006-00	223406-22	O-ring (11cm)	Alfa Laval Canada	6	31
MC006-00	223406-30	O-ring		2	8
MC006-00	223406-35	O-ring	Alfa Laval Canada	1	3
MC006-00	223406-35	O-ring	Alfa Laval Canada	1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MC006-00	223410-05	O-ring		2	9
MC006-00	223412-38	O-ring		2	13
MC006-00	223412-38	O-ring		1	3
MC006-00	223412-49	O-ring		2	9
MC006-00	223412-49	O-ring		1	3
MC006-00	223641-17	Snap Ring		4	19
MC006-00	223642-34	Snap Ring		2	9
MC006-00	223642-36	Snap Ring		2	10
MC006-00	260169-23	Flat Belt 60 Hz	Alfa Laval Canada	2	10
MC006-00	260244-01	Screw		2	8
MC006-00	526353-05	Hexagon Nipple		1	2
MC006-00	526378-19	Open-Ended Spanner 24mm		1	2
MC006-00	527380-06	Spanners Double 32/36mm		1	2
MC006-00	527380-07	Spanners Double 10/13mm		1	2
MC006-00	527380-08	Spanners Double 16/17mm		1	2
MC006-00	527380-09	Spanners Double 18/19mm		1	2
MC006-00	528927-01	Tin Hammer		1	2
MC006-00	542392-02	Seal Ring		1	2
MC006-00	542986-04	Washer		1	3
MC006-00	542986-04	Washer		1	2
MC006-00	543568-02	Lock Ring		1	2
MC006-00	543588-82	Bowl Disc		15	120
MC006-00	543590-04	Parallel Pin		5	23
MC006-00	543612-01	Gasket		1	4
MC006-00	543613-02	Top Bearing Cover		1	2
MC006-00	543619-80	Rubber Buffer		1	3
MC006-00	543663-01	Height Adjusting Ring	Alfa Laval	2	11
MC006-00	543857-01	Cover		1	4
MC006-00	543858-02	Belt Pulley 60 Hz		1	4
MC006-00	544012-02	Insert	Alfa Laval Inc.	2	8
MC006-00	544058-02	Coupling Nave 60 Hz		2	8
MC006-00	544072-01	Bushing		1	2
MC006-00	544203-02	Fan	Alfa Laval Canada	1	4
MC006-00	544337-02	Deflector Ring		1	3
MC006-00	544386-01	Gasket	Alfa Laval Canada	2	13
MC006-00	544555-01	Mounting Tool		1	4
MC006-00	544575-85	Friction Coupling		1	3
MC006-00	545596-01	Belt Pulley		1	3
MC006-00	545601-80	Oil Pump	Alfa Laval Canada	1	2
MC006-00	545620-02	Buffer Holder		1	2
MC006-00	545657-83	Distributor	Alfa Laval Canada	1	1
MC006-00	545687-02	Safety Device		1	3
MC006-00	545709-02	Connecting Housing		1	3
MC006-00	545710-02	Outlet Housing		1	2
MC006-00	545765-01	Nut		1	2
MC006-00	545795-07	Gravity Disc Dia. 66mm		1	2
MC006-00	545795-08	Gravity Disc Dia. 73mm		1	2
MC006-00	545795-10	Gravity Disc Dia. 64mm		1	2
MC006-00	545795-11	Gravity Disc Dia. 69mm		1	2
MC006-00	545795-12	Gravity Disc Dia. 77mm		1	2
MC006-00	545795-13	Gravity Disc Dia. 82mm		1	2
MC006-00	545797-03	Paring Chamber Cover		1	2
MC006-00	545831-80	Oil Filling Device		1	1
MC006-00	545837-02	Spanner For Lock Ring		1	2
MC006-00	545840-80	Puller & Lifting Tool		1	2
MC006-00	545844-80	Mount & Dismount Tool		1	3
MC006-00	545856-80	Belt Tightener	Alfa Laval Inc.	1	5
MC006-00	545867-80	Spanner For Bowl Hood		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MC006-00	545888-82	Inlet Pipe W. Paring Disc	Alfa Laval Canada	1	2
MC006-00	545892-01	Frame Foot		3	15
MC006-00	546568-01	Cap Nut		1	3
MC006-00	546606-01	Bowl Spindle		1	4
MC006-00	547645-02	Frame Top Part		1	1
MC006-00	547646-02	Frame Hood		1	2
MC006-00	547920-01	Bowl Body		1	2
MC006-00	547992-01	Packing		1	4
MC006-00	548003-01	Hook		1	2
MC006-00	548029-01	Top Disc		1	2
MC006-00	548049-01	Adapter		1	2
MC006-00	548051-05	Ball Bearing		1	2
MC006-00	548152-03	Washer		2	11
MC006-00	548371-01	Bowl Hood		1	2
MC006-00	548806-80	Compression Tool		1	3
MC006-00	548809-01	Intermediate Service Kit	Alfa Laval Canada	2	10
MC006-00	548809-01	Intermediate Service Kit	Alfa Laval Canada	2	10
MC006-00	548810-02	Major Service Kit	Alfa Laval Canada	2	6
MC006-00	548810-02	Major Service Kit	Alfa Laval Canada	1	4
MC006-00	548831-01	Friction Element		1	3
MC006-00	549553-01	Inlet Housing		1	2
MC006-00	553159-02	Handle		1	2
MC006-00	6009-2RS1 (Use Alt)	Ball Bearing, Friction Coupling	Alfa Laval Inc.	1	3
MC006-00	800T-N65	Lamp 6.3V, 0.15A - Order Alternate		8	47
MC006-00	800T-P16	Pilot Light		6	31
MC006-00	K1M8	Terminal block kit-base		1	2
MC008-00	11007	Gasket-Nitrile 5"		6	28
MC008-00	11041	Bowl Drain Gasket		1	5
MC008-00	11350	O-ring		2	7
MC008-00	0.5NPT	Sealing Water Valve		2	7
MC008-00	1606B	Gauge, Vacuum	Wilson & Proctor Limited	1	2
MC008-00	2020SM-OR	Filter Element, 2 Micron (Coalescer)	Atlantic Hardchrome Limited	15	149
MC008-00	545801-02	Leader Cone		1	4
MC008-00	PH-80108-900	1" Flow Meter		1	2
MC008-00	RK11073	Valve, Ball ½"		1	2
MC008-00	RK11-1404	Seal Service Kit		1	2
MC008-00	RK19492	Isolating Valve		1	2
MC008-00	YSTR1	1" Y Strainer		1	2
MC009-00	23177-400	"D" Housing Bushing	Gorman-Rupp	1	3
MC009-00	25154-021	O'Ring	John Brooks Company	2	9
MC009-00	25154-033	O'Ring	Gorman-Rupp	1	4
MC009-00	25271-888	Mechanical Seal	Gorman-Rupp	2	8
MC009-00	31133-238	Idler Bushing (14000)	Gorman-Rupp	1	3
MC009-00	31215-041	Thrust Washer (24010)	Gorman-Rupp	1	5
MC009-00	38683-252	Backhead Gasket (19060)	Gorman-Rupp	2	7
MC009-00	46152-201	Shaft Assy	Gorman-Rupp	2	10
MC009-00	48211-801	"D" Gasket	Gorman-Rupp	2	9
MC009-00	GMC 1DC3-B (1115098)	Fuel Oil Boost Pump	Gorman-Rupp	1	4
MD001-00	5007171	1/2" Globe Valve NPS 300lb BRZ SDNR FLGD (Use Alt)	Montreal Valve Reseating Ltd	1	2
MD001-00	0050YT6032	1/2" Strainer	Steamflo Strainers	2	9
MD001-00	OMB	2" Globe Valve, 300psi, F. Stl, Flgd 10 3/8" Face to Face	OMB	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MD002-00	36450	Plug Valve	JP Sauer & Sohn Maschinenbauer	1	2
MD002-00	001 884	Seal, Shaft Rotary	Sauer Compressors	4	18
MD002-00	002 543	Lug Ring 46/41, 9x2, 5 DIN 24930 So GG	SAUER Compressors USA	2	11
MD002-00	002 563	Lug Ring 100/91, 4x3, 5 DIN 24930 So GG	SAUER Compressors USA	2	12
MD002-00	002 576	Oil Scraper Ring 46/41, 9x4 Similar DIN 24946 SoGG	SAUER Compressors USA	2	13
MD002-00	002 662	R-Ring 46/41, 9x2, 5 DIN 24910 So GG	SAUER Compressors USA	3	15
MD002-00	002 755	Rectangular Ring 100/91, 4x3, 5 DIN 24910 So GG	SAUER Compressors USA	5	23
MD002-00	002 973	Lock Ring 20x1 DIN 472	JP Sauer & Sohn Maschinenbauer	1	5
MD002-00	005 001	Gasket A 14x18 DIN 7603 Cu		2	11
MD002-00	005 006	Gasket A 18x22 DIN 7603 Cu		5	22
MD002-00	005 009	Gasket A 22x27 DIN 7603 Cu	SAUER Compressors USA	6	31
MD002-00	005 029	Gasket A 48x55 DIN 7603 Cu	Sauer Compressors	2	11
MD002-00	011 130	Non-return valve	JP Sauer & Sohn Maschinenbauer	1	2
MD002-00	011 460	Bearing	JP Sauer & Sohn Maschinenbauer	1	2
MD002-00	030 113	Air Filter		2	10
MD002-00	030 752	Safety Valve Stage II 30 Bar	SAUER Compressors USA	1	4
MD002-00	030 915	Safety Valve Stage I 8 Bar		2	10
MD002-00	031 103	O-ring 165x5 B Similar DIN 3770 NB 70	SAUER Compressors USA	3	15
MD002-00	032 117	Piston Pin 20/13x91 DIN 73125 Ck 15	SAUER Compressors USA	2	10
MD002-00	033 637	Flexible Gear Rim for Coupling 42/55 CF		1	2
MD002-00	034 983	Lamellar Valve		1	4
MD002-00	034 984	Lamellar Valve		1	4
MD002-00	034 988	G-Ring 100/91, 6x5 DIN 70948 So GG	SAUER Compressors USA	2	11
MD002-00	034 989	PISTON STAGE I		1	1
MD002-00	035 026	Cylindrical Roller Bearing NJ 2208 DIN 5412	SAUER Compressors USA	2	8
MD002-00	035 048	Flexible Coupling 42/55 For E-Motor Size 132		1	2
MD002-00	035 061	Gasket Type R 910.17		2	10
MD002-00	035 162	Solenoid Valve	JP Sauer & Sohn Maschinenbauer	1	3
MD002-00	035 222	Pressure Switch	JP Sauer & Sohn Maschinenbauer	1	4
MD002-00	035 223	Pressure Control Device	JP Sauer & Sohn Maschinenbauer	1	2
MD002-00	035 259	Roller Bearing	JP Sauer & Sohn Maschinenbauer	1	2
MD002-00	035 318	Coupling Part I		1	2
MD002-00	035 468	Temp Regulator Switch	JP Sauer & Sohn Maschinenbauer	1	1
MD002-00	037 682	Solenoid Valve 115v AC	JP Sauer & Sohn Maschinenbauer	1	2
MD002-00	038 282	Pressure Gauge 0-60 BAR	JP Sauer & Sohn Maschinenbauer	1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MD002-00	038 310	Discharge Hose	JP Sauer & Sohn Maschinenbauer	1	2
MD002-00	039 029	Bearing Second Stage	JP Sauer & Sohn Maschinenbauer	2	8
MD002-00	050 519	Piston Pin Bushing		2	10
MD002-00	050 520	Connecting Rod Bearing (sets of 2 pces)	Sauer Compressors	3	16
MD002-00	050 585	Piston Pin	SAUER Compressors USA	2	7
MD002-00	060 264	Gasket	Sauer Compressors	4	19
MD002-00	060 266	Cylinder Head Packing (Gasket)	Sauer Compressors	4	19
MD002-00	060 342	Fusible Plug		1	3
MD002-00	060 355	Piston	SAUER Compressors USA	1	4
MD002-00	060 437	Compressor Foot	JP Sauer & Sohn Maschinenbauer	1	2
MD002-00	060 441	D-Ring	JP Sauer & Sohn Maschinenbauer	1	2
MD002-00	060 448	Gasket - cylinder foot packing	Sauer Compressors	4	19
MD002-00	060 449	Gasket	Sauer Compressors	2	11
MD002-00	061 001	Discharge Hose c/w Switch	JP Sauer & Sohn Maschinenbauer	1	2
MD002-00	065 568	Resilient Mount	JP Sauer & Sohn Maschinenbauer	2	8
MD002-00	065 569	Compressor Foot	JP Sauer & Sohn Maschinenbauer	1	2
MD002-00	FPB-316SS	Rupture Disk, 1" FPB 316 SS, 625 PSIG @ 140F	JP Sauer & Sohn Maschinenbauer	1	3
MD002-00	KPS79	Air Temperature Shut-down Switch - Danfoss	JP Sauer & Sohn Maschinenbauer	1	2
MD002-00	WP22L-100	Compressor	JP Sauer & Sohn Maschinenbauer	1	2
MD002-00	WP22L-100	Compressor	JP Sauer & Sohn Maschinenbauer	1	1
MD002-00	WP22L-100	Compressor	JP Sauer & Sohn Maschinenbauer	1	1
MD004-00	3355	Piston Ring	Sterling Aircraft Products	1	5
MD004-00	3358	Piston Ring	LESLIE CONTROLS	1	5
MD004-00	40957	Bottom Cap	Sterling Aircraft Products	1	5
MD004-00	40958	Bottom Cap Gasket	LESLIE CONTROLS	1	5
MD004-00	56647	Diaphragm		1	5
MD004-00	0030-A01-KM0465	Air Relief Valve, Kunkle, 1/4" capacity, 965cfm, 465 psig	Kunkle Industries Inc	3	15
MD004-00	0075T600SW	Strainer 3/4"		1	3
MD004-00	0100T600SW	1" Strainer		1	3
MD004-00	0125T600W	1 1/4" Strainer		1	3
MD004-00	15564-90	Top Cap Gasket	Sterling Aircraft Products	1	5
MD004-00	18175-90	Port Hole Gasket	Sterling Aircraft Products	1	5
MD004-00	22718-90	Top Cap Gasket		1	3
MD004-00	8210-G2-01	Valve, Solenoid		1	3
MD004-00	8290-A005	Valve, Solenoid		1	3
MD004-00	916BFEV03-NE	Relief Valve, 1 x 2", set 4.0, psi cap 89	The Arthur S Leitch Co Ltd	1	3
MD004-00	916BGFV03ANE0004	1 1/4 X 2" Relief Valve	Kunkle Industries Inc	1	2
MD004-00	C7000-02-SS	3/4" Ball Valve	Kaycom Inc	1	2
MD004-00	F06-0074B-02TY	1 1/4" Globe Valve	Kaycom Inc	1	2
MD004-00	P1080	6" Pressure Gauge, 0-1000PSI 1/2" BTM LF	The Arthur S Leitch Co Ltd	1	4
MD004-00	S2074B-02TY	Globe Valve 1"		1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MD004-00	U303932102	3/4" Leslie Reducing Valve, Class LS-5	LESLIE	1	2
ME001-00	223641	NOHA Brass Nozzle	Halifax Shipyard Ltd.	1	3
ME001-00	7202100	.840 OD (1/2" NOM) X .065" MIN CU-NI TUBING	Alaskan Copper & Brass Company	2	12
ME001-00	7202100	.840 OD (1/2" NOM) X .065" MIN CU-NI TUBING	Alaskan Copper & Brass Company	2	7
ME001-00	7202150	1.05" OD (3/4" NOM) X .065 MIN CNI TUBING	Alaskan Copper & Brass Company	2	11
ME001-00	7202200	1.315" OD (1" NOM) X .065" MIN CU-NI TUBING	Alaskan Copper & Brass Company	2	12
ME001-00	7202200	1.315" OD (1" NOM) X .065" MIN CU-NI TUBING	Alaskan Copper & Brass Company	2	12
ME001-00	9121664	3.5" OD (3" Nominal) CU-NI Tubing	Halifax Shipyard Ltd.	2	8
ME001-00	9121664	3.5" OD (3" Nominal) CU-NI Tubing (c/w 90degree elbow)	Halifax Shipyard Ltd.	2	9
ME001-00	9121664	3.5" OD (3" Nominal) CU-NI Tubing c/w 45 degree elbow	Halifax Shipyard Ltd.	1	2
ME001-00	9121665	2.78" OD (2 1/2 NOM) X .083 MIN Wall UNS C70600 LC 200 MIL-T-16420K (1) Seamless Tubing 90-10 CU-NI	Alaskan Copper & Brass Company	15	115
ME001-00	9121666	2.375" OD (2" NOM) X .083" CU-NI TUBING	Alaskan Copper & Brass Company	2	9
ME001-00	9121667	1.90" OD (1 1/2 NOM) X .072" CU-NI TUBING	Alaskan Copper & Brass Company	6	26
ME001-00	9121669	1.66" OD (1 1/4" NOM) X .072" MIN TUBING - QTY. IN FEET	Alaskan Copper & Brass Company	8	45
ME001-00	9121669	1.66" OD (1 1/4" NOM) X .072" MIN TUBING - QTY. IN FEET	Alaskan Copper & Brass Company	1	3
ME001-00	21222150	3/4" 150 FF SO Flange 90-10 CU-NI	Alaskan Copper & Brass Company	1	2
ME001-00	21222200	1" 150N FF SO Flange 90-10 CU-NI	Alaskan Copper & Brass Company	1	2
ME001-00	21222300	1 1/2"NPS 150 FLAT FACED SLIP-ON FLANGE 90-10 CU-NI ANSI B 16.5	Alaskan Copper & Brass Company	1	3
ME001-00	21222400	2" NPS 150 Flat Faced Slip-on Flange 90-10 CU-NI	Alaskan Copper & Brass Company	2	9
ME001-00	21222450	2 1/2" NPS 150 Flat Face Slip-on Flange 90-10 CU-NI	Alaskan Copper & Brass Company	2	7
ME001-00	21222500	3" NPS 150 Flat Face Slip-on Flange 90-10 CU-NI	Alaskan Copper & Brass Company	1	2
ME001-00	88104400	2" CL 200 (2 3/8" OD X .083") 90-10 CU-NI LR 45 DEGREE ELBOW	Alaskan Copper & Brass Company	1	5
ME001-00	88104450	2 1/2" CL200 (2 7/8" OD X .083") CU-NI LR 45 DEGREE ELBOW	Alaskan Copper & Brass Company	1	5
ME001-00	88111400	2" CL 200 (2 3/8" OD X .083") CU-NI LR 90 DEGREE ELBOW	Alaskan Copper & Brass Company	2	7
ME001-00	88111450	2 1/2" CL200 (2 7/8" OD X .083") CU-NI 90 DEGREE ELBOW	Alaskan Copper & Brass Company	2	11

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ME001-00	88121400	2" CL 200 (2 7/8" OD X.083") CU-NI TEE	Alaskan Copper & Brass Company	2	7
ME001-00	88121449	2 1/2" X 2" Tee	Viking Metals & Marine Supplies	1	3
ME001-00	88121600	4" CL 200 (4 1/2" OD X.109) CU-NI TEE	Alaskan Copper & Brass Company	1	2
ME001-00	88150296	1 1/2" X 1/2" CL 200 (1.90" X .840" OD X .072" X .065" Butt Weld Concentric Reducer 90-10 CU-NI	Alaskan Copper & Brass Company	1	2
ME001-00	88150395	2" X 1/2" Class 200 Concentric Reducer 90-10 CU-NI	Alaskan Copper & Brass Company	1	3
ME001-00	88150396	2" X 3/4" CL 200 (2 3/8" OD X 1.05" OD X .083 X .065") Concentric Reducer 90-10 CU-NI	Alaskan Copper & Brass Company	1	3
ME001-00	88150398	2" X 1 1/4" CL 200 (2 3/8" OD X 1.66" OD X .083 X .072" Concentric Reducer 90-10 CU-NI	Alaskan Copper & Brass Company	1	2
ME001-00	88150399	2" X 1 1/2" CL 200 (2 3/8" OD X 1.90" OD X .083" X .072") 90-10 CU-NI Concentric Reducer	Alaskan Copper & Brass Company	1	3
ME001-00	88150444	2 1/2" X 1/2" CL 200 (2 3/8" OD X .840" OD X .083" X .065") 90-10 CU-NI Concentric Reducer	Alaskan Copper & Brass Company	1	3
ME001-00	88150446	2 1/2" X 1" CL200 (2 7/8"OD X 1.315"OD X .083" X .065") 90-10 CU-NI Concentric Reducer	Alaskan Copper & Brass Company	2	9
ME001-00	88150448	2 1/2" X 1 1/2" CL 200 (2 7/8" OD X 1.90" OD X .083 X .072") Concentric Reducer 90-10 CU-NI	Alaskan Copper & Brass Company	1	2
ME001-00	88150449	2 1/2" X 2" CL200 (2 7/8" OD X 2 3/8" OD X .083") CU-NI Concentric Reducer	Alaskan Copper & Brass Company	2	12
ME001-00	88150497	3" X 3" X1 1/2" CL200 (3 1/2" OD X3 1/2" OD X 1.90" OD X .095" .095" X .072") CU-NI Reducing Tee	Alaskan Copper & Brass Company	1	3
ME001-00	88150498	3" X 2" CL200 (3 1/2" OD X 2 7/8 " OD X.095" X .083") CU-NI Concentric Reducer	Alaskan Copper & Brass Company	1	2
ME001-00	88150596	4" X 4" X 2" CL200 (4 1/2" OD X4 1/2" X2 3/8 OD X >109 X .109 X .083 Reducing Tee 90-10 CU-NI	Alaskan Copper & Brass Company	1	2
ME001-00	88150597	4" X 2 1/2" CL 200 (4 1/2" OD X 2 7/8" OD X .109 X .083") 90-10 CU-NI Concentric Reducer	Alaskan Copper & Brass Company	1	2
ME001-00	88150598	4" X 3" CL200 (4 1/2" OD X 3 1/2" OD X.109" X .095") 90-10 CU-NI Concentric Reducer	Alaskan Copper & Brass Company	1	2
ME001-00	0225 0201	Gasket 2"		1	2
ME001-00	0225 0301	Gasket 3"		1	2
ME001-00	0225 0501	Gasket 5"		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ME001-00	0800/BASKET/PERF	8" Replacement Basket, SS, 1/8" Perf - for 8" Strainer	United Engineering Ltd	1	2
ME001-00	0800-BF125C-125	8" Strainer, 150 psi, flanged c/w quick opening cover ASTM-A216, SS Basket 1/8 inch perforation	SureFlow Equipment	1	2
ME001-00	1 1/2" Gate Valve	1 1/2" Gate Valve, B62, 5" Flange, 4 bolt, 4 3/4" Flange to Flange	Halifax Shipyard Ltd.	2	9
ME001-00	188-BR-3	3" Globe Valve 300lbs BRZ Body, FLGD, 316SS, SDNR, BB, OS&Y, 12-1/2" F to F, drilled to ANSI 300 STD	Wolseley Industrial Canada Inc	1	1
ME001-00	2 1/2" Tee CU-NI	2 1/2" Copper Nickel Tee	Halifax Shipyard Ltd.	1	5
ME001-00	6801-150	3/4" 400 SW SR90, 90-10 CU-NI	Viking Metals & Marine Supplies	2	12
ME001-00	6801-200	1" SR 90 Degree Elbow, 90/10 CuNi	Viking Metals & Marine Supplies	1	3
ME001-00	6801-250	1 1/4" 400 Socket welding 90 Degree Elbow	Alaskan Copper & Brass Company	1	2
ME001-00	6801-300	1 1/2" 400 Socket Welding 90 Degree Elbow 90-10 CU-NI	Alaskan Copper & Brass Company	1	5
ME001-00	6804-100	1/2" 400 Socket Welding 45 Degree Elbow 90-10 CU-NI	Alaskan Copper & Brass Company	1	5
ME001-00	6804-150	3/4" 400 Socket Welding 45 Degree Elbow 90-10 CU-NI	Viking Metals & Marine Supplies	2	8
ME001-00	6804-200	1" 400 Socket Welding 45 Degree Elbow 90-10 CU-NI	Viking Metals & Marine Supplies	1	2
ME001-00	6804-250	1 1/4" 400 Socket Welding 45 Degree Elbow 90-10 CU-NI	Viking Metals & Marine Supplies	1	3
ME001-00	6804-300	1 1/2" 400 Socket Welding 45 Degree Elbow 90-10 CU-NI	Alaskan Copper & Brass Company	1	3
ME001-00	6811-150	1/2" 400 Socket Welding 90 Degree Elbow 90-10 CU-NI	Alaskan Copper & Brass Company	3	16
ME001-00	6811-200	1" 400 Socket Welding 90 Degree Elbow 90-10 CU-NI	Viking Metals & Marine Supplies	5	23
ME001-00	6815-100	1/2" 400 SW Union 90-10 CU-NI	Viking Metals & Marine Supplies	1	2
ME001-00	6815-150	3/4" 400 SW Union 90-10 CU-NI	Viking Metals & Marine Supplies	2	12
ME001-00	6815-200	1" 400 SW Union 90-10 CU-NI	Viking Metals & Marine Supplies	2	7
ME001-00	6815-250	1 1/4" 400 SW Union	Alaskan Copper & Brass Company	1	3
ME001-00	6815-300	1 1/2" 400 SW Union 90-10 CU-NI	Alaskan Copper & Brass Company	1	3
ME001-00	6821-150	3/4" 400 Socket Welding Tee 90-10 CU-NI	Viking Metals & Marine Supplies	1	5
ME001-00	6821-200	1" 400 Socket Welding Tee 90-10 CU-NI	Alaskan Copper & Brass Company	2	12
ME001-00	6821-250	1 1/4" 400 Socket Welding Tee 90-10 CU-NI	Viking Metals & Marine Supplies	1	3
ME001-00	6850-150	3/4" 400 Socket Welding Full Coupling 90-10 CU-NI	Alaskan Copper & Brass Company	1	5
ME001-00	6850-198	1" X 1/2" 400 SW Red Coupling 90-10 CU-NI	Alaskan Copper & Brass Company	1	3
ME001-00	6850-200	1" 400 Socket Welding Full Coupling 90-10 CU-NI	Alaskan Copper & Brass Company	2	8

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ME001-00	6850-450	2 1/2" CL200 (2 7/8 ID X .095" MIN) CU-NI SLEEVE	Alaskan Copper & Brass Company	1	3
ME001-00	6857-199	1" X 3/4" 3000 Socket Welding Reducing Insert 90-10 CU-NI	Viking Metals & Marine Supplies	2	10
ME001-00	6857-249	1 1/4" X 1" 3000 Socket Welding Reducing Insert 90-10 CU-NI	Alaskan Copper & Brass Company	1	3
ME001-00	AC-345	3" Globe Valve 150psi, SDNR, FLGD 9 3/4" f to f	Viking Metals & Marine Supplies	1	2
ME001-00	ASA308	1 1/2" Angle Valve, NB 300 Flanged	Montreal Valve Reseating Ltd	1	2
ME001-00	B102A-300	1 1/2" Gate Valve, NB, 4 bolt, flanged, 5 3/16" F to F	W & O Supply	1	2
ME001-00	BFC125J/045	2" STRAINER #125	Sure Flow Equipment Inc.	1	5
ME001-00	CP243-2	2" Gate Valve, 150lb, Bronze Body, s/s 316 trim, bolted bonnet, OS & Y, Rising Stem	W & O Supply	1	4
ME001-00	CP244-2 1/2	2 1/2" Gate Valve, Bronze, Flanged 7.5" F to F	Meridian Specialties Inc.	1	4
ME001-00	CP245RS	3" Gate Valve, bronze, flanged, 8" face to face	W & O Supply	1	3
ME001-00	CP247RS	4" Gate Valve, 150psi, flanged, 9" face to face	Caird Mechanical Contractors Ltd	2	8
ME001-00	CP347-4	4" Globe Valve SDNR FLGD, 11.5" F-F Stainless Steel Trim - Crosby	Crosbie Industrial Services Ltd.	1	3
ME001-00	Disc1-1/2	1-1/2" Disc for SNDR Globe Valve, 150psi, Bronze, ASTM B-61, 316 SS trim	A. Crosbie Inc	2	11
ME001-00	Disc2	2" Disc for SNDR Globe Valve, 150psi, Bronze, ASTM B-61, 316 SS trim	A. Crosbie Inc	2	7
ME001-00	Disc3	3" Disc for SNDR Globe Valve, 150psi, Bronze, ASTM B-61, 316 SS trim	A. Crosbie Inc	2	7
ME001-00	Disc4	4" Disc for SNDR Globe Valve, 150psi, Bronze, ASTM B-61, 316 SS trim	A. Crosbie Inc	5	22
ME001-00	GL-1246SS	2" Globe Valve. 150psi, Bronze, Flanged 8" F to F, SDNR, OS & Y	W & O Supply	1	4
ME001-00	MB3A	3" Strainer	Meridian Specialties Inc.	2	7
ME001-00	NOHA Hose	Foam Inductor Hose - Qty in Ft	Halifax Shipyard Ltd.	10	60
ME001-00	Seat1-1/2	1-1/2" Seat for SNDR Globe Valve, 150psi, Bronze, ASTM B-61, 316 SS trim	A. Crosbie Inc	2	10
ME001-00	Seat2	2" Seat for SNDR Globe Valve, 150psi, Bronze, ASTM B-61, 316 SS trim	A. Crosbie Inc	1	3
ME001-00	Seat3	3" Seat for SNDR Globe Valve, 150psi, Bronze, ASTM B-61, 316 SS trim	A. Crosbie Inc	2	7
ME001-00	Seat4	4" Seat for SNDR Globe Valve, 150psi, Bronze, ASTM B-61, 316 SS trim	A. Crosbie Inc	5	22

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ME001-00	Spindle1-1/2	Spindle 1 1/2" for SDNR Globe Valve, 150psi, Bronze, ASTM B-61, 316 SS trim	Halifax Shipyard Ltd.	1	2
ME001-00	Spindle2	2" Spindle for SDNR Globe Valve, 150psi, Bronze, ASTM B-61, 316 SS trim	A. Crosbie	1	3
ME001-00	Spindle3	3" Spindle for SDNR Globe Valve, 150psi, Bronze, ASTM B-61, 316 SS trim	A. Crosbie Inc	1	3
ME001-00	Spindle4	4" Spindle for SDNR Globe Valve, 150psi, Bronze, ASTM B-61, 316 SS trim	A. Crosbie Inc	1	3
ME001-00	Spindle4A	4" Spindle for SDNR Angle Globe Valve, 300psi, Bronze, ASTM B-61, 316 SS trim	A. Crosbie Inc	1	3
ME001-00	Spool	Spool Piece for GSP	CME Ltd.	1	2
ME001-00	Style 99	Roust-A-Bout, 8" Victaulic	Halifax Shipyard Ltd.	1	2
ME001-00	T235Y	1 1/2" Disc for Nibco valve	Mobile Valve	4	18
ME001-00	T-235-Y-1 1/4	1 1/4" Globe Valve, Bronze, Threaded	Viking Metals & Marine Supplies	2	10
ME001-00	TEE	2 1/2" Tee	Halifax Shipyard	1	4
ME003-00	135620120	Nut & Lock Nut		1	5
ME003-00	175870102	Coupling Part 1 POS 25	IRON A/S	1	2
ME003-00	217470144	Gasket, F. pump case pos. 400.3	IRON A/S	1	5
ME003-00	217472044	Packing Set		1	3
ME003-00	217480147	Gasket		2	12
ME003-00	217510640	Shaft Seal Ring - Pos. 420.6	PLAD Equipment Ltd	1	3
ME003-00	217510740	Shaft Seal Ring - Pos. 420-7, 22 x35 x7mm	PLAD Equipment Ltd	2	11
ME003-00	217520209	Grease Nipple		3	15
ME003-00	217625148	Mech. Seal (Dwg 13.970-26)	JOHN CRANE	2	11
ME003-00	217625148	Mech. Seal (Dwg 13.970-26)	JOHN CRANE	1	3
ME003-00	217661804	Roller Bearing POS 19	Kinecor Inc.	2	8
ME003-00	218500702	Drain Plug	IRON A/S	1	3
ME003-00	218551709	Bearing Nut, Pos 21	IRON A/S	1	4
ME003-00	257890618	Impeller (Pos 12)	Iron Pump A/S	1	2
ME003-00	257900618	Impeller (POS 13)	Iron Pump A/S	1	2
ME003-00	271687124	Pump Shaft, QVP-2-4/300, vertical pump		1	3
ME003-00	124890120 Pos 14	Lock Washer (Bronze)		1	3
ME003-00	13970-151	1/2" Non-Return Valve & Strainer		1	5
ME003-00	13970-17	Bearing Bush (pos 17)	IRON A/S	2	8
ME003-00	13971-149	Packing		4	18
ME003-00	13971-20	Ball Bearing, Type SKF 3308	Marathon Fluid Systems Ltd.	1	5
ME003-00	13971-20.2	Ball Bearing, Type 6202	IRON A/S	1	2
ME003-00	13971-20.3	Ball Bearing, type 7202	Marathon Fluid Systems Ltd.	1	4
ME003-00	13971-22	Seal Ring, type 2030		1	2
ME003-00	13971-22.1	Seal Ring (pos 22.1) type 4865, 48x65x10	IRON A/S	2	12
ME003-00	13971-22.3	Seal Ring, type 2235	Marathon Fluid Systems Ltd.	2	7
ME003-00	13971-22.4	Seal Ring, type 2232	Kinecor Inc.	2	8

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ME003-00	13971-22.6	Seal Ring (pos 22-6) Type 6075	Marathon Fluid Systems Ltd.	1	5
ME003-00	13971-44	Spring, type 6075	Kaycom Inc	1	3
ME003-00	13971-77	Connection Piece	Kaycom Inc	2	7
ME003-00	33025B8	Thermometer, 0/250 F&C 3"Dial, 2.5"Stem, 1/2"NPT	WINTERS	1	3
ME003-00	KMB 8	Nut & Lock Washer		1	3
ME003-00	N-EUPEX 2811513855	Coupling Type A, pump end, position # 861-2	Supplied by Marathon Fluid	1	2
ME003-00	N-EUPEX 28116444485	Coupling Type A, motor end, pos # 861-1		1	3
ME004-00	135930157	Bearing Bushing		1	5
ME004-00	217512740	Shaft Seal Ring, 35 x 58 x 10	Kinecor Inc.	3	16
ME004-00	217513440	Shaft Seal Ring 40x65x10 POS 420-1		2	11
ME004-00	217515040	Shaft Seal Ring 48x72x10 - Pos. 420-2	Austin and Denholm	2	11
ME004-00	217519340	Shaft Seal Ring 48 x 62 x 10	Kinecor	3	15
ME004-00	228941440	Shaft Seal Ring 35x65x10	Austin and Denholm	2	12
ME004-00	257890418	Impeller, clockwise (Dwg: 27604 Pos: 232)	IRON A/S	1	3
ME004-00	257900418	Impeller, counter clockwise (Dwg: 27604 Pos: 233)	Austin and Denholm	1	3
ME004-00	286050126	Casing Wear Ring POS. 502 (OUTSIDE: USES 2 PER)	Iron Pump A/S	3	15
ME004-00	1-M04072	Mechanical seal seat, ceramic, c/w viton o-ring	John Crane	2	8
ME004-00	217626448 (Use last ALT)	Mechanical Seal, 48mm Pos 433.1	Iron Pump	2	11
ME004-00	217632909 SKF# SKF6407/C3	Radial Ball Bearing (Dwg 27604-321.2)	Austin and Denholm Industrial Sa	2	8
ME004-00	23947.2-135	Wear Plate		1	2
ME004-00	23947.2-420.6	Shaft Seal Ring Priming Pump (pos 420.6) type 2235/7	Kinecor Inc.	1	2
ME004-00	27.141 400.2 (use 2nd Alternate)	Gasket, Volute Casing	Austin and Denholm	1	4
ME004-00	271510124 (Use first Alt)	Shaft (Dwg: 27604 Pos: 210)	IRON A/S	1	3
ME004-00	27604-321.1	Radial Ball Bearing	IRON A/S	2	9
ME004-00	27604-412.1	O-ring		1	2
ME004-00	27604-420.6	Shaft Seal Ring 35 x 50 10		3	16
ME004-00	27604-502.2 (Use Alt)	Casing Wear Ring POS 502-1		2	12
ME004-00	CRC4	Capacitor, 1.2k ohm, 0.047mf, 110-240vac		1	3
ME004-00	FLNR 3/10	Fuse 300Ma, 250V, TD, 9/16 x 2"	Jentronics Limited	2	8
ME004-00	FQV 0111	Hull and Fire Pump		1	1
ME004-00	QHP-2-4/300	Hull & Fire Pump Complete	IRON A/S	1	1
MF001-00	17PY-13436-6	Brass Adapter, 1 1/2" NPT x 1 1/2" NPSH	Micmac Fire & Safety Ltd.	1	2
MF001-00	AFX250	Tank c/w Bladder	PLAD Equipment Ltd	1	1
MF001-00	B-AFX250	Bladder, for AFX250 Tank	PLAD Equipment Ltd	1	2
MF001-00	RADA 2000-722	Shower Assy - Mixing valve	Rada Mechanical Products Limited	2	5
MF001-00	RADA 2000-722-1	Shower Pipe Kit	Halifax Shipyard Ltd.	1	3
MF001-00	RADA 2000-722-2	Shower head pipe (Curved)	Halifax Shipyard Ltd.	1	2
MF002-00	50279	Retaining Ring (item 7, dwg #504002)	Zenon Environmental	10	74

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MF002-00	50288	O-Ring (Item 9 Dwg 504002 AppC-13)	Zenon Environmental	15	210
MF002-00	50295	O-ring(Item 8 Dwg 504002 AppC-13)	Zenon Environmental	10	60
MF002-00	50376	Membrane Housing-end Maintenance Kit	Zenon Environmental	2	10
MF002-00	336065	Sediment Strainer	Zenon Environmental	1	2
MF002-00	1001019	1/4" Ball Valve, PPL For Permeate Sample		1	2
MF002-00	1017544	FLUID FLOW SWITCH, model Q-1/2/F p/n Q-1/2/F/DRY/VTN FSL-14	Harwil	1	3
MF002-00	1017544	FLUID FLOW SWITCH, model Q-1/2/F p/n Q-1/2/F/DRY/VTN FSL-14	Harwil	1	2
MF002-00	1017544	FLUID FLOW SWITCH, model Q-1/2/F p/n Q-1/2/F/DRY/VTN FSL-14	Harwil	1	2
MF002-00	1023415	Check valve	Zenon Environmental	1	2
MF002-00	SS-1RF4 (V7)	Regulating Valve "Whitey" Integral Bonnet Needle Valve C/W SS Regulating Stem, 0.25" Orifice	Swagelok	1	4
MF002-00	1000-018000-000	Tank, Polyethylene, Round 018"x33" Deep		1	2
MF002-00	1011010 (Use Alt)	1" Housing c/w 200 Mesh Strainer (80 Micron)	Zenon Environmental	1	3
MF002-00	1022791 or CCMR-10	Fuse 10A, 600V, SB, 10 x 38mm, fibre tube		10	60
MF002-00	10250T-181NC1N	Light Module with Lens, Cutler Hammer Consists of 1 #10250T181N (Transformer) 1 #10250TC6N (Lens)		1	3
MF002-00	10250T-181NC6N	Light Module with White Lens, consists of 1 #10250T181N (Transformer) 1 #10250TC6N (Lens)	Cutler Hammer	1	2
MF002-00	10250T3067-11	Maintain Type 4-Way Selector Switch, Cutlr Hammr Consists of 1 10250T3067-11 (4Way Cam) & 2 1025		1	2
MF002-00	10250T5971FG-1	Illuminated Green 2-Way Selector Switch, Cutler Hammer, 120V 50/60HZ consists of 1 10250T5971 (Op) 1 10250TFG(Knob)	WESCO Distribution - Canada Inc	1	2
MF002-00	10250T5971FG1L	LAMP 6.3V		6	29
MF002-00	10250T5971FG1L	LAMP 6.3V		1	2
MF002-00	10250TFG	Green Plastic Knob for Code 0075	Wesco Distribution Canada LP	2	7
MF002-00	24-011	Differential Pressure Switch set @ 8psi		1	3
MF002-00	272612-132	Coil, for 3 way valve JKP8300G68RU	ASCO Valve Canada	1	3
MF002-00	30025-B15	Temperature Gauge		1	3
MF002-00	3140-005-S1	Heater Housing	A. G. White Technical Services	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MF002-00	34PW-16	Special Water Hose (Set) (5 x 6' length, 1500 PSI C/W adapters & fittings)		1	2
MF002-00	404001-3	Bearing Plate, (Item 2, dwg 504002)	Zenon Environmental	1	3
MF002-00	404002-01 (Use Alt P/N)	Sealing Plate, PVC Thermoplastic (item 3, dwg #504002)	Zenon Environmental	1	2
MF002-00	404003-2	3/4" Pipe (feed/concentrate port, item 4, dwg #504002)	Zenon Environmental	1	4
MF002-00	404007-1	Plate Retainer Set (item 10, dwg #504002)	Zenon Environmental	1	2
MF002-00	404008-1	Port Retainer Set (item 6, dwg #504002)	Zenon Environmental	1	2
MF002-00	50114/484301	Permeate Port, PVC 0.50" - 14npt (Dwg Appendix C-19 Item 5)	Zenon Environmental	3	16
MF002-00	50114/484301	Permeate Port, PVC 0.50" - 14npt (Dwg Appendix C-19 Item 5)	Zenon Environmental	3	15
MF002-00	6259-218	Micro Switch	Zenon Environmental	1	2
MF002-00	6259-233	Micro Switch	Zenon Environmental	1	3
MF002-00	6ES5-100-8MA02	Siemens S5-1004 PLC		1	2
MF002-00	6ES5-431-8MC11	Siemens 8 Point 120 VAC Input Module		1	3
MF002-00	6ES5-451-8MD11	Siemens 8 Point 120 VAC Output Module		1	3
MF002-00	6ES5-451-8MR12	Digital Output Card Siemens	McLoughlan Supplies Ltd.	1	3
MF002-00	6ES5-452-8MR11	Siemens 4 Point Relay Output Module		1	4
MF002-00	6ES5-931-8MD11	Siemens 2Amp Power Supply		1	3
MF002-00	6ES5-980-0-OMA11	Siemens Backup Battery		1	4
MF002-00	755 or 1020050	Lamp 6.3V, 0.15A	SPECTRO	8	52
MF002-00	757-20	Salinity Monitor 0 - 1000ppm	Myron L Company	1	2
MF002-00	BM6033SQ	Buss Fuse Holder (Ref FU-2)		1	2
MF002-00	C100 120	Temperature Switch W Well		1	3
MF002-00	CA7-9-10-120-NO	Contactora 120 VAC Coil (Ref M3)		1	2
MF002-00	CS99-257-5	Coil	Zepoli Int Ltd	1	2
MF002-00	E07-10071 or 635G	Elapsed Hour Meter "Cramer" 635G Series P/N, Round 2.5" 120V/60Hz		1	5
MF002-00	F-50500LN	Flow Meter (Indicator)		1	2
MF002-00	FH3T-46018E2T1A	Screw Plug Heater, 6Kw 480 V/3/60, 3" 150lb Titanium Flnge, 18" Immersion Lngth TI		1	2
MF002-00	FIQ 7 or T-10	Totalizing FlowMeter, Neptune, 5/8" Size, T-10 C/W 1/2 npt Connections (Tail Pieces), Nuts & Washers	McLennan Sales	1	3
MF002-00	GDL 4	Time Delay Fuse 4A, 250V		6	26
MF002-00	J6-356-M201(PSL 05)	Pressure Switch, 0-100psi, 1/4 NPT	United Electric Controls	1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MF002-00	JKP8300G068RU	½" 3 Way Brass Solenoid Ball Valve, V6, 120V, 60Hz Universal Opening, Buna Seats (same as PC: 0275)	CTH Instruments Ltd.	1	5
MF002-00	JKP8300G068RU	½" 3 Way Brass Solenoid Ball Valve, V6, 120V, 60Hz Universal Opening, Buna Seats (same as PC: 0275)	CTH Instruments Ltd.	1	3
MF002-00	JKP8300G068RU	½" 3 Way Brass Solenoid Ball Valve, V6, 120V, 60Hz Universal Opening, Buna Seats (same as PC: 0275)	CTH Instruments Ltd.	1	2
MF002-00	JKP8300G068RU	½" 3 Way Brass Solenoid Ball Valve, V6, 120V, 60Hz Universal Opening, Buna Seats (same as PC: 0275)	CTH Instruments Ltd.	1	2
MF002-00	JP60030-3COR	Buss Fuse Holder (Ref FU-1)		1	2
MF002-00	KLDR or 1003086	FUSE 2.5A, 600V, SB, 10 x 38mm, Fibre tube, class cc		2	12
MF002-00	KT3-25-PE1-01	Spreecher & Schuh N.O. Contact #KT3-25-PE1-10		1	3
MF002-00	KT3-25-PE1-10	N.O. Contact		1	2
MF002-00	KTA3-25-4A	Spreecher & Schuh #KTA3-25-10A, Mtr Circuit Controller for 440V, 3 60Hz 5 Hp Mtr, 6.3-0 Amp Range Rf M2		1	2
MF002-00	KTA7-25-10A or 1003777	Circuit Controller for 440V, 3 60Hz 5 Hp Mtr, 6.3-0 Amp Range Rf M2		1	2
MF002-00	MDA 1.5	Fuse 1.5A, 250V, SB 1/4" x 1 1/4", ceramic, Dial Element		10	60
MF002-00	OT3-Reset	Overload Reset Kit		1	2
MF002-00	SCV-8303-1(use ALT)	Check Valve, ½" 3600 lb CWP thread 316SS Body/Trim/Seat/Stem, Inconel X-750 Spring V8	Meridian Specialties Inc.	1	3
MF002-00	SS-42XS4	3 Way Valve		1	2
MF002-00	SS-4C4-1 V20	1/4" Check Valve, Sst, 0.25 FNPT Connections, 1 P.S.I. Cracking Pressure (Vv 20)		1	5
MF002-00	SS-63TF8 V19	½" Ball Valve, 2 Way, £ PC Sst, FNPT Connections		1	2
MF002-00	SS-91K-63T	Seat Kit	Zenon Environmental	1	2
MF002-00	T-22X WB	Thermostat 40-104 degrees		1	2
MF002-00	V11 or 1335114	½" PVC Y Check Valve, Soc Weld #	Canadian Maritime Engineering	1	2
MF002-00	V12 or 7435894004 44535	3/4" NPT, Pressure Relief Valve, PVC "Hayward" C/W Viton O-Ring		1	3
MF002-00	V12 or 7435894004 44535	3/4" NPT, Pressure Relief Valve, PVC "Hayward" C/W Viton O-Ring		1	3
MF002-00	V12 or 7435894004 44535	3/4" NPT, Pressure Relief Valve, PVC "Hayward" C/W Viton O-Ring		1	2
MF002-00	V12 or 7435894004 44535	3/4" NPT, Pressure Relief Valve, PVC "Hayward" C/W Viton O-Ring		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MF002-00	V4 or 3140163 or 1001009	Relief Valve 1000 psi, L Port 1/4"MNPT Inlet, 1/4"FNPT Outlet	Swagelok	2	8
MF002-00	V4 or 3140163 or 1001009	Relief Valve 1000 psi, L Port 1/4"MNPT Inlet, 1/4"FNPT Outlet	Swagelok	1	5
MF002-00	V5 or 339041	1/2" S/W PVC Three-Way Ball Valve Cat. No. 339041 Thru Port		1	2
MF002-00	V9, V10 or 7435894004-44534	1/2" NPT, Pressure Relief Valve, PVC "Hayward" C/W Viton O-Ring	Zenon (hayward) use Alt P/N	1	5
MF002-00	V9, V10 or 7435894004-44534	1/2" NPT, Pressure Relief Valve, PVC "Hayward" C/W Viton O-Ring	Zenon (hayward) use Alt P/N	1	5
MF002-00	YS007-2A24	Strainer, 3/4" Feed Inlet, Type Y (24 Mesh 840 Micron)	Chemline	1	2
MF003-00	6203	Bearing	Kinecor Inc.	2	12
MF003-00	6205	Bearing	Zenon Environmental	1	5
MF003-00	2-4006-CRO-VXHC	Double Mechanical Seal	Zenon Environmental	1	3
MF003-00	3000DH(AA05)	Feed Pump ROD Unit, Dwg B-7977 Rev.3(c/w Motor M14C(CAT)145TC)	R.S. Corcoran Co.	1	4
MF003-00	3000DH(AA05)	Feed Pump ROD Unit, Dwg B-7977 Rev.3(c/w Motor M14C(CAT)145TC)	R.S. Corcoran Co.	1	1
MF003-00	3002-2168V	Housing Gasket	Zenon Environmental	1	5
MF003-00	3031S-2145V	Seal Chamber Gasket	Zenon Environmental	1	5
MF003-00	M14C(CAT)145TC	Motor, 2HP, 2.6Amp, 460V, 60Hz, 3450rpm, frame 145TC	Baldor	1	1
MF005-00	6205	Bearing	Zenon Environmental	1	2
MF005-00	6206	Bearing	Zenon Environmental	1	2
MF005-00	68514411070	Neoprene Spider	Danfoss	1	5
MF005-00	68514411070	Neoprene Spider	Danfoss	1	2
MF005-00	68514417858	Lovejoy Motor Coupling	Danfoss	1	5
MF005-00	68514417858	Lovejoy Motor Coupling	Danfoss	1	2
MF005-00	68514447014	Lovejoy Pump Coupling	Danfoss	1	5
MF005-00	68514447014	Lovejoy Pump Coupling	Danfoss	1	2
MF005-00	180B3046	Danfoss Centrifugal Process Pump - NEW STYLE	Wajax Industrial Components	1	4
MF005-00	180B3046	Danfoss Centrifugal Process Pump - NEW STYLE	Wajax Industrial Components	1	3
MF005-00	180Z0006	Type 4 Filter Element - 10 Micron Absolute	Danfoss	10	68
MF005-00	180Z0396	Type A Pre Filter Element - 3 Micron Nominal (Order Alt)	Danfoss	15	133
MF005-00	2166-1-3/8	Strainer, In-Line (Processor Pump Cooling)		1	3
MF005-00	2166-1-BWL	Strainer, Bowl		1	5
MF005-00	500 hour	500 Hour Maintenance Kit	Zenon Environmental	2	6
MF005-00	9005-08-12-SS	Outlet Adapter 3/4" x 1/2"	GE Water & Process Technologies	1	5
MF005-00	9005-08-12-SS	Outlet Adapter 3/4" x 1/2"	GE Water & Process Technologies	1	4
MF005-00	9005-12-12-SS	Inlet Adapter 3/4" x 3/4"	GE Water & Process Technologies	1	5
MF005-00	9005-12-12-SS	Inlet Adapter 3/4" x 3/4"	GE Water & Process Technologies	1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MF005-00	DFH05ASS	1/2" High Pressure Hose Assembly	GE Water & Process Technologies	2	9
MF005-00	DFH05ASS	1/2" High Pressure Hose Assembly	GE Water & Process Technologies	1	5
MF005-00	DFLP75ASS	3/4" Low Pressure Hose Assembly	AG White	1	5
MF005-00	DFLP75ASS	3/4" Low Pressure Hose Assembly	AG White	1	3
MF005-00	HSLC12NR-F51	Inlet/Outlet Adapter	Danfoss	6	26
MF005-00	M182472A	Magnaloy Motor	Danfoss	1	5
MF005-00	M182472A	Magnaloy Motor	Danfoss	1	3
MF006-00	1015174	Membrane Adapter	Zenon Environmental	10	89
MF006-00	1015174	Membrane Adapter	Zenon Environmental	6	30
MF006-00	02114N7	O'Ring (Membrane replacement)	Strictly Hydraulics	5	23
MF006-00	02116N7	O'Ring (Membrane replacement)	Strictly Hydraulics	6	29
MF006-00	02120N7	O'Ring (Membrane replacement)	Strictly Hydraulics	8	40
MF006-00	104059-1	Permeate Port, stainless steel	Zenon Environmental	4	20
MF006-00	104059-1	Permeate Port, stainless steel	Zenon Environmental	1	5
MF006-00	PFP827	Oil Filled Pressure Gauge, SS, 0/300 PSI&KPA, 2.5"	WINTERS	1	2
MF006-00	SW30-4040	SW Membrane Elements		4	20
MF006-00	SW30-4040	SW Membrane Elements		2	11
MF008-00	AP117SL	Carbon Filter	AQUA-PURE	6	29
MF009-00	4410-08	Backwash Control	PLAD Equipment Ltd	1	2
MF009-00	4454-14	Hi-Flo Filter Timer Mechanism And Case		1	2
MF009-00	4457-92	Pilot Valve Assembly	Culligan Water Store	1	4
MF009-00	4495-74	Control Valve Assy	PLAD Equipment Ltd	1	3
MF009-00	CP3587T-4	Motor Assy	Baldor	1	3
MF009-00	CXF606F4	Heating Element, 460V, 3 Phase, 6Kw		1	3
MF009-00	E5EN-R3HMT-500-N	Multi-Range Temperature Controller 100V to 240V AC	OMRON Corporation	1	3
MF009-00	HC2-H-AC120	Control Relay	JHT Electronics	1	2
MF009-00	KTK-20	Fuse 20A, 600V, Fast-Acting, Midget	BUSS	6	28
MF009-00	KTK-20	Fuse 20A, 600V, Fast-Acting, Midget	BUSS	1	2
MF009-00	MDL-2	Fuse 2A, 250V, SB, 1/4 x 1 1/4", glass tube	JHT Electronics	3	15
MF009-00	MDL-2	Fuse 2A, 250V, SB, 1/4 x 1 1/4", glass tube	JHT Electronics	2	7
MF009-00	OETL-NF30P	Non Fusible Switch (P/N is obsolete, see alternate)	ABB INDUSTRIE SNC	1	3
MF009-00	PG10A	Pressure switch	JHT Electronics	1	2
MF009-00	PMH-10M-AC120	PMH Timer	JHT Electronics	1	2
MF009-00	S-235-Y	1" Bronze Globe Valve		1	2
MF009-00	SP105	Bulb. 130V, 2.4W	PLAD Equipment Ltd	2	12
MF009-00	SP122	Lamp 160V, 3W, Type T3.25	Spectro	8	55
MF011-00	75-BF-S	Turbine Pump (F.W. Pressure Set) Pump only	PLAD Equipment Ltd	1	1
MF011-00	A186	Impeller		2	6
MF011-00	A198B	Channel Ring (Left)	PLAD Equipment Ltd	1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MF011-00	A199B	Channel Ring (Right)	PLAD Equipment Ltd	1	5
MF011-00	A61-AB-S	Fresh Water Pump A61-AB-S Series A (**Refer to YDG 3 Database for stock under MC017-13-0001**)		1	1
MF011-00	VB-3R, SSWS	Relief Valve, 1/2" Brass, 30-100 psi (set at 60psi)	CTH Instruments Ltd.	1	3
MF012-00	MSE120-14-12SST5	Hubbell Shipboard Electric Water Heater, 316 Stainless, 440V, 3ph	Hubbell	2	6
MF012-00	MWG-1000	Manway Gasket	GEO Tech industries Inc.	2	12
MF910-00	10166	O-Ring	Culligan Water Store	1	2
MF910-00	10338	Ball, Ceramic		1	3
MF910-00	10339	Spring		1	2
MF910-00	10626	Varistor	Culligan Water Store	1	3
MF910-00	10973	Seal	Culligan Water Store	1	2
MF910-00	19073	Seal (LMI Pump)	LMI Liquid Metronics Division MI	1	2
MF910-00	30917	Liquifram 0.9		1	3
MF910-00	37393	Kit, Primer Flush	Culligan Water Store	1	3
MF910-00	2291-03	Nipple	Culligan Water Store	1	5
MF910-00	3084-29	Seat Gasket	Culligan Water Store	1	4
MF910-00	7729-39	Seat	Culligan Water Store	2	9
MF910-00	7729-40	Cartridge Assy	Culligan Water Store	2	8
MF910-00	7729-41	Screen	Culligan Water Store	1	5
MF910-00	7729-75	Pilot Valve c/w Motor	Culligan Water Store	1	3
MF910-00	A-1221-3	Magnesium Service Anode (2" x 20")		1	2
MF910-00	CA-9-120	Magnetic Contactor	JHT Electronics	1	3
MF910-00	CMR3-1-127	Remote Reset	JHT Electronics	1	2
MF910-00	CT3-4.0	Overload Relay	JHT Electronics	1	2
MF910-00	LE 392SI	Liquid Handling Assy	Culligan Water Store	1	2
MF910-00	MY2-AC120	Control Relay	JHT Electronics	2	7
MG001-00	407	3" Swing Check Valve, 150psi, flanged, S/S 316 trim bolted cover	Montreal Valve Reseating Ltd	1	2
MG001-00	29270-0000 (ITT Jabsco)	Manual Bilge Pump (Amazon Universal)	TROTAC Marine Ltd	1	3
MG001-00	AC343A	2" Angle Valve, 150 psi, SDNR, Flanged	Viking Metals & Marine Supplies	1	2
MG001-00	AC345B	3" Angle Valve 150 PSI B62 BRONZE BODY ANG FLG SDNR BB OS&Y	Mobile Valve	2	6
MG001-00	P5121-G	Process Gauge, 4 1/2" dial, 1/4" NPT, Range: 30"-0-30 PSI/KPA	Halifax Shipyard Ltd.	1	2
MH001-00	3101	Ballast		1	2
MH001-00	3105	Compression Nut Tool		2	11
MH001-00	3105	Compression Nut Tool		1	2
MH001-00	3321	Fuse Holder For 15A 250V Max (for 1/4x1 1/4" fuses)		2	10
MH001-00	3348	Fuse 8A, 250V, QB, 1/4 x 1 1/4", ceramic		8	47
MH001-00	5064	Backflow Preventer Valve		1	2
MH001-00	5072	Vacuum Breaker Complete		1	3
MH001-00	5121	Fuse 400mA Anti Surge, 250V, 5x20mm		8	44
MH001-00	5122	Bayonet Cap Fuse Holder		10	71
MH001-00	5147	Flush Release Switch	JETVAC INC.	1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MH001-00	6006	Toilet Seat & Cover Dania 73 c/w Hardware	JETVAC INC.	1	4
MH001-00	6006	Toilet Seat & Cover Dania 73 c/w Hardware	JETVAC INC.	1	4
MH001-00	6006	Toilet Seat & Cover Dania 73 c/w Hardware	JETVAC INC.	1	2
MH001-00	12844	Sensor Probe for UV Unit		1	1
MH001-00	051507700	EFD Valve 115V Complete	JETVAC INC.	1	2
MH001-00	082681G-R	Macerator Pump and Motor RH		1	4
MH001-00	100-80-5032	Flushing Ring		1	2
MH001-00	100-80-5033	Seal For Flushing Ring		1	2
MH001-00	100-80-6020	Vacuum Toilet - Bowl Only - Jets 50		1	3
MH001-00	100-81-5017	Toilet Vacuum Check Valve	JETVAC INC.	10	80
MH001-00	100-81-5017	Toilet Vacuum Check Valve	JETVAC INC.	8	38
MH001-00	140-40.2016	Pilot Light		1	2
MH001-00	140-40-2002	Fuse 30A, 600V, QB, 21 x 57mm, Fiberglass Body		8	43
MH001-00	140-40-2015	130V 2.4W BA9S		2	13
MH001-00	28350(28347)	Pump, Effluent - 2" X 1 1/2"	Emery Electric Ltd.	1	1
MH001-00	470-20-E	Wafer check valve - 2 inch	Jetvac Inc.	1	5
MH001-00	500-60-0000	Chart Recorder		1	1
MH001-00	57056-000	Eductor ELL I.5 (Nozzle)		1	5
MH001-00	591-703-015	Relief Valve		1	2
MH001-00	6006A	Toilet Seat Hinge Set, JETS Mod. 50		4	18
MH001-00	71-147	2-Way Diverter Valve		1	2
MH001-00	71-147-27	1 1/2" Globe Valve 150lbs BRZ NPT	Crane	1	3
MH001-00	71-148-27	2" Swing Check Valve NB 150lbs BRZ FLGD	Crosbie	1	2
MH001-00	91-801-329 (use Alt)	Float Switch 316SS	Jetvac Inc.	1	3
MH001-00	ECP3587T-4-M29	Blower Motor		1	2
MH001-00	FU4 & FU5	Fuse 5A, 250V, SB, 1/4 x 1 1/4", glass tube		2	9
MH001-00	FUSE (FU-1 THRU FU-3)	Fuse 2A, 250V, SB, 1/4 x 1 1/4", glass tube		2	10
MH001-00	M22-DP-S/KC10/I- NA	Toilet Switch Assembly	Moeller	1	5
MH001-00	M22-KC10	Toilet Flush Switch Contact Block	Moeller	1	5
MH001-00	MODEL 288	Chart Paper		1	5
MH001-00	RFP 20 DP	BLOWER FILTER	JETVAC INC.	2	8
MH001-00	RT121	Vacuum Switch, pressure control, range -1...0 bar, Diff 0.09...0.4bar,		1	3
MH001-00	SP122	160V Bulb	Albrite Lighting Ltd	2	13
MH001-00	SP122	160V Bulb	Albrite Lighting Ltd	1	5
MH001-00	V5MAL#6	Fuse 10A, 32V, Slo Blo, 1/4 x 1 1/4"		8	43
MH001-00	V5MAL#7	Fuse 5A, 250V, SB, 1/4 x 1 1/4", Glass Fuse		6	30
MH001-00	V5MAL#8 (GDL 2)	Fuse 2A, 250V, Slo Blo, 1/4 x 1 1/4",		10	64
MH003-00	70-647	3-Way Diverter Valve		1	5
MH003-00	70-647	3-Way Diverter Valve		1	3
MH003-01	3002-21L2	Air Blower	JETVAC INC.	1	1
MH003-03	3901	Exhaust fan (Exhaust & Intake)		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MH003-03	3084LM	UV Lamp Aquafine 30" UV 254 NM Single Pin		2	12
MH003-03	CSL-6R	Aquafine Water Treatment Unit	AQUAFINE	1	1
MH003-05	082681G-L	Macerator Pump and Motor LH	Prosser/Enpo	1	3
MH005-00	5007390	3" N.B.S.N.D.R. Storm Valve 300lb	Montreal Valve Reseating Ltd	1	1
MH005-00	5010169	1-1/2" NPS 300lb BRZ - FLGD END	Montreal Valve Reseating Ltd	1	5
MH005-00	5011446	2" NPS Closable Deck Drain		1	5
MH005-00	1006-44	Coupling Reducer, 4' Conc to 4" PL	Halifax Shipyard Ltd.	1	3
MH005-00	5U3A01054	Horizontal Float Switch, Low Level, Besta c/w 3m cable (Order Alt)	Solartron Mobrey Ltd	1	2
MH005-00	5U3A01054	Horizontal Float Switch, Low Level, Besta c/w 3m cable (Order Alt)	Solartron Mobrey Ltd	1	3
MH005-00	5U3A01054	Horizontal Float Switch, Low Level, Besta c/w 3m cable (Order Alt)	Solartron Mobrey Ltd	1	1
MH005-00	5U3A01054	Horizontal Float Switch, Low Level, Besta c/w 3m cable (Order Alt)	Solartron Mobrey Ltd	1	1
MH005-00	PLUBRO0002N190	Twist Drain c/w Strainer (Galley Sink)	Jessom Food Equipment Inc.	1	4
MH005-00	S190D6A/F93	High Level Switch	Solartron Mobrey Ltd	1	4
MH005-00	S190D6A/F93	High Level Switch	Solartron Mobrey Ltd	1	3
MH005-00	S190D6A/F93	High Level Switch	Solartron Mobrey Ltd	1	1
MH005-00	Sink Plug	Galley Sink Plug	Halifax Shipyard Ltd.	1	3
MH005-00	SK160	Boot Kit for F93 Mobrey Float Switch	Mobrey	2	9
MH006-00	5JX7-8	Coupling	PLAD Equipment Ltd	1	4
MH006-00	MDL-2	Fuse 2A, 250V, SB, 1/4 x 1 1/4", glass tube	BUSS	3	16
MH008-00	PP-M1600	Bag, Clear Compactor	Hermont Marine, St. Laurent, Que	2	9
MH907-00	10166	O-ring	Culligan Water Store	1	2
MH907-00	30100	Pulser	Culligan Water Store	1	3
MH907-00	31919	EPU	Culligan Water Store	1	3
MH907-00	39251	Liquid Handling Assembly	Culligan Water Store	1	2
MH907-00	A151	Chlorine Injection Pump	PLAD Equipment Ltd	1	2
MH907-00	P131-199S	Pump, Electromagnetic Dosing	PLAD Equipment Ltd	1	2
MH907-00	S-134 3	3" Gate Valve		1	2
MJ001-00	M24758-G	2" Conduit (Qty in Feet)	None	8	54
MK002-00	3797	Lamp, 24V, 2W	JHT Electronics	6	32
MK002-00	0 332 019 203	Start Relay	BOSCH	1	3
MK002-00	UD19 V08 S4D	DIESEL PRIME MOVER		1	1
MK002-01	369726	Gasket	Wartsila Canada Inc.	2	10
MK002-01	1466075	Hose Clamp	Wartsila Canada Inc.	1	5
MK002-01	1521209	Valve Guide	Wartsila Canada Inc.	2	10
MK002-01	1523410	Valve Guide	Wartsila Canada Inc.	2	10
MK002-01	1 100 675-6	Bushing	Wartsila Canada Inc.	8	56
MK002-01	1 100 997-4	Exhaust Valve	Wartsila Canada Inc.	6	30
MK002-01	1 305 959-7	Gasket - Rocker Cover	Wartsila Canada Inc.	10	64
MK002-01	1 397 521	Exhaust Valve	Wartsila Canada Inc.	2	12
MK002-01	1 403 587	Cylinder head gasket		2	8

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MK002-01	13-716-19	Valve Stem Cap	Wartsila Canada Inc.	4	20
MK002-01	17 113-2	Collet	Wartsila Canada Inc.	8	40
MK002-01	170 042-6	Valve Spring (Outer)	Wartsila Canada Inc.	8	40
MK002-01	170 043-4	Valve Spring (Inner)	Wartsila Canada Inc.	8	40
MK002-01	170 083-0	Collar	Wartsila Canada Inc.	8	40
MK002-01	170 084-8	Guide Washer	Wartsila Canada Inc.	8	40
MK002-01	170 627-4	Gasket, Cover - Cylinder Head	SCANIA	2	10
MK002-01	250 608-7	Gasket - Rocker Cover	Wartsila Canada Inc.	8	40
MK002-01	289 517-5	Valve Seat Ring STD (Intake)	Wartsila Canada Inc.	5	22
MK002-01	300 957-8	Valve Guide (Intake Valve)	SCANIA	2	12
MK002-01	300 958-6	Valve Guide (Exhaust Valve)	SCANIA	6	26
MK002-01	352 211-7	Intake Valve	Wartsila Canada Inc.	5	23
MK002-01	372 384-8	Cylinder Head	Wartsila Canada Inc.	1	1
MK002-01	372 490-3	Cover	SCANIA	8	56
MK002-01	372 972-0	Valve Seat Ring STD (Exhaust)	Wartsila Canada Inc.	5	22
MK002-01	388 422-8	Gasket	Wartsila Canada Inc.	4	20
MK002-01	807 310-8	Washer	Wartsila Canada Inc.	3	15
MK002-02	369477	Seal		1	4
MK002-02	369748	Seal	Wartsila Canada Inc.	1	2
MK002-02	1409888	Gasket	Wartsila Canada Inc.	6	34
MK002-02	1420832	Push Rod		2	10
MK002-02	1 320 691-7	O-ring	Wartsila Canada Inc.	8	45
MK002-02	1 324 353-0	Seal Flange - Intake Manifold	Wartsila Canada Inc.	6	34
MK002-02	1 334 820-6	Hose	Wartsila Canada Inc.	1	4
MK002-02	1 336 453-4	Gasket - Intake Manifold	Wartsila Canada Inc.	2	10
MK002-02	1 340 891-9	Flange Pipe	Wartsila Canada Inc.	1	5
MK002-02	1 340 893-5	Flange Pipe	Wartsila Canada Inc.	2	8
MK002-02	139 616-7	Gasket	Wartsila Canada Inc.	3	15
MK002-02	321 991-2	O-ring	Wartsila Canada Inc.	2	8
MK002-02	369 276-1	Gasket	Wartsila Canada Inc.	4	20
MK002-02	373 210-4	Hose	Wartsila Canada Inc.	1	4
MK002-02	375 807-5	Exhaust Manifold (Intermediate Part)	Wartsila Canada Inc.	1	1
MK002-02	388 734-6	Gasket	Wartsila Canada Inc.	2	10
MK002-02	796 362-2	Hose Clamp	Wartsila Canada Inc.	3	15
MK002-02	812 414-1	Gasket	Wartsila Canada Inc.	2	10
MK002-02	812 416-6	Gasket	Wartsila Canada Inc.	2	12
MK002-03	1321473	Flywheel Assy		1	1
MK002-03	1 103 002-0	Cylinder Liner	Wartsila Canada Inc.	6	31
MK002-03	1 113 040-8	Cylinder Liner	Wartsila Canada Inc.	5	22
MK002-03	1 114 602-4	Flange	Wartsila Canada Inc.	1	5
MK002-03	1 302 828-7	Seal - Cylinder Liner	Wartsila Canada Inc.	2	10
MK002-03	1 309 613-6	Plastic Cover		1	4
MK002-03	1 312 934-1	O-ring	Wartsila Canada Inc.	4	20
MK002-03	1 328 242-1	O-ring		1	3
MK002-03	1 336 608-3	Valve - Crank Case Breather		1	3
MK002-03	1 338 070-4	Hose		2	7
MK002-03	255 573-8	Guide Washer STD 3.429mm	Wartsila Canada Inc.	3	15
MK002-03	302 700-0	Main Bearing STD 101.62mm	Wartsila Canada Inc.	5	23
MK002-03	303 098-8	Gasket	Wartsila Canada Inc.	4	20
MK002-03	310 674-7	Gasket	Wartsila Canada Inc.	3	15
MK002-03	312 151-4	Shim 0.20mm	Wartsila Canada Inc.	1	5
MK002-03	312 152-2	Shim 0.25mm	Wartsila Canada Inc.	1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MK002-03	312 153-0	Shim 0.30mm	Wartsila Canada Inc.	1	5
MK002-03	312 154-8	Shim 0.50mm	Wartsila Canada Inc.	1	5
MK002-03	322 007-6	Bearing (Machined) No. 1	Wartsila Canada Inc.	1	2
MK002-03	352 848-6	Cylinder Block	Wartsila Canada Inc.	1	2
MK002-03	357 775-6	Shim 0.40mm	Wartsila Canada Inc.	1	5
MK002-03	362 128-1	O-ring	Wartsila Canada Inc.	4	18
MK002-03	371 498-7	Timing Gear Cover Gasket	Wartsila Canada Inc.	1	5
MK002-03	371 505-9	Gasket	Wartsila Canada Inc.	1	5
MK002-03	384 712-6	Gasket		1	5
MK002-03	395 641-4	Frequency Transmitter	Wartsila Canada Inc.	1	2
MK002-03	796 355-6	Hose Clamp		6	26
MK002-03	812 390-3	Banjo Screw	Wartsila Canada Inc.	2	10
MK002-04	1 102 999-8	Compression Ring Upper	Wartsila Canada Inc.	8	41
MK002-04	1 305 254-3	Piston Kit c/w rings, gudgeon pin	Wartsila Canada Inc.	2	10
MK002-04	1 313 426-7	Connecting Rod	Wartsila Canada Inc.	2	8
MK002-04	232 129-7	Oil Scraper Ring	Wartsila Canada Inc.	4	20
MK002-04	247 573-9	Compression Ring Lower	Wartsila Canada Inc.	8	41
MK002-04	279 112-7	Connecting Rod Bearing STD 90.00mm	Wartsila Canada Inc.	2	10
MK002-04	348 551-3	Oil Deflector		1	3
MK002-04	352 785-0	Crankshaft Damper		1	2
MK002-04	358 462-0	Gear Crankshaft	Wartsila Canada Inc.	1	3
MK002-04	375 536-0	Crankshaft	Wartsila Canada Inc.	1	1
MK002-04	804 830-8	Retaining Ring	Wartsila Canada Inc.	4	20
MK002-05	311 446-9	Bearing Washer	Wartsila Canada Inc.	1	3
MK002-05	389 016-7	Gear, Camshaft	Wartsila Canada Inc.	1	2
MK002-05	389 017-5	Intermediate Gear	Wartsila Canada Inc.	1	1
MK002-05	35B12 00-0AB53	Black Pushbutton	Siemens Canada Ltd	1	2
MK002-06	0348993	O-ring	Wartsila Canada Inc.	10	72
MK002-06	1 108 444-9	Oil Cooler	Wartsila Canada Inc.	1	2
MK002-06	1 319 738-9	Oil Cooler	Wartsila Canada Inc.	1	1
MK002-06	182 927-4	O-ring	Wartsila Canada Inc.	2	12
MK002-06	189 706-5	Hose	Wartsila Canada Inc.	1	4
MK002-06	197 800-6	O-ring	Wartsila Canada Inc.	2	7
MK002-06	242 299-6	Pump Drive Gear	Wartsila Canada Inc.	1	2
MK002-06	270 333-8	Oil Pump	Wartsila Canada Inc.	1	1
MK002-06	278 082-3	Banjo Screw	Wartsila Canada Inc.	2	11
MK002-06	288 860-0	Hose	Wartsila Canada Inc.	1	4
MK002-06	290 531-3	Strainer	Wartsila Canada Inc.	4	18
MK002-06	290 532-1	Rotor Bowl	Wartsila Canada Inc.	3	16
MK002-06	311 486-5	Spring	Wartsila Canada Inc.	1	2
MK002-06	329 256-2	Hand Oil Bilge Pump	Wartsila Canada Inc.	1	2
MK002-06	346 627-3	Hose	Wartsila Canada Inc.	2	7
MK002-06	372 983-7	O-ring	Wartsila Canada Inc.	6	26
MK002-06	372 984-5	O-ring	Wartsila Canada Inc.	6	31
MK002-06	372 985-2 (order Alt#)	O-ring	Wartsila Canada Inc.	4	20
MK002-06	383 864-6	Oil Cleaner (See MK002- 01-0056)	Wartsila Canada Inc.	1	4
MK002-06	384 372-9	Rotor	Wartsila Canada Inc.	1	3
MK002-06	796 352-3	Hose Clamp	Wartsila Canada Inc.	2	8
MK002-06	796 354-9	Hose Clamp	Wartsila Canada Inc.	4	20
MK002-06	796 356-4	Hose Clamp	Wartsila Canada Inc.	2	10
MK002-06	804 772-2	Lock Ring	Wartsila Canada Inc.	6	27
MK002-06	812 412-5	Gasket	Wartsila Canada Inc.	2	13
MK002-07	1367805	Connecting Rod		1	1
MK002-07	1 118 003-1	Seal	Wartsila Canada Inc.	1	5
MK002-07	1 118 004-9	Oil Deflector	Wartsila Canada Inc.	1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MK002-07	1 343 213-3	Turbocharger	Wartsila Canada Inc.	1	1
MK002-07	1 357 968-5	Compressor Wheel	Wartsila Canada Inc.	1	5
MK002-07	191 071-0	O-ring	Wartsila Canada Inc.	1	3
MK002-07	191 090-0	Bearing	Wartsila Canada Inc.	1	5
MK002-08	1 345 625-6	Hose	Wartsila Canada Inc.	1	5
MK002-08	1 345 626-4	Hose	Wartsila Canada Inc.	1	2
MK002-08	235 000-7	Pressure Indicator	Wartsila Canada Inc.	1	3
MK002-08	796 364-8	Hose Clamp	Wartsila Canada Inc.	4	20
MK002-09	0 814 880	Bolt	CORES - SCANIA	1	3
MK002-09	1 114 869-9	Spacer	Wartsila Canada Inc.	1	3
MK002-09	1 123 227-9	Link Yoke	Wartsila Canada Inc.	1	3
MK002-09	1 300 297-7	Control Motor (Electric Actuator)-OBSOLETE see I 349 380	Scania	1	3
MK002-09	1 300 298-5	Pick Up Cable c/w sensor	Wartsila Canada Inc.	1	5
MK002-09	1 300 769-5	Link Rod	Wartsila Canada Inc.	1	3
MK002-09	1 318 041-9	Solenoid (Pulled for Stop)	Wartsila Canada Inc.	1	4
MK002-09	1 318 042-7	Solenoid (Pulled @ Operation)	Wartsila Canada Inc.	1	3
MK002-09	1 349 380	Electric Actuator	CORES - SCANIA	1	2
MK002-09	1 349 570	Pick Up Cable	Wartsila Canada Inc.	1	3
MK002-09	1 365 171	Spacing Sl	CORES - SCANIA	1	3
MK002-09	1 365 427	Bracket	CORES - SCANIA	1	2
MK002-09	1 405 978	Starter Solenoid	Wartsila Canada Inc.	1	3
MK002-09	325 394-5	Bracket	Wartsila Canada Inc.	1	2
MK002-09	808 297-6	Screw M8x30	Wartsila Canada Inc.	1	3
MK002-10	391747	Rubber Flange	Wartsila Canada Inc.	8	39
MK002-10	1322328	Gasket	Wartsila Canada Inc.	8	43
MK002-10	1350795	Gasket	Wartsila Canada Inc.	2	13
MK002-10	1363031	Gasket		2	12
MK002-10	1367985	Gasket		2	12
MK002-10	1367987	Gasket		1	5
MK002-10	1392933	Gasket		2	11
MK002-10	1434770	Thermostat 83 - 104 deg C, set @ 93 deg C- AFTER COOLER	SCANIA	2	10
MK002-10	1 101 075-8	Sea Water Pump	Wartsila Canada Inc.	1	4
MK002-10	1 109 132-9	Flange Tube	Wartsila Canada Inc.	2	8
MK002-10	1 109 134-5	Flange	Wartsila Canada Inc.	2	8
MK002-10	1 109 869-6	Oil Seal	Wartsila Canada Inc.	2	10
MK002-10	1 110 964-2	Charge Cooler	Wartsila Canada Inc.	1	1
MK002-10	1 302 997-0	Connector	Wartsila Canada Inc.	2	8
MK002-10	1 304 983-8	Cover	Wartsila Canada Inc.	1	5
MK002-10	1 308 497-5	Cover	Wartsila Canada Inc.	2	10
MK002-10	1 308 634-3	Thermostat	SCANIA	2	7
MK002-10	1 322 031-4	Radiator Core	Wartsila Canada Inc.	1	1
MK002-10	1 322 077-7	Heat Exchanger Housing	Wartsila Canada Inc.	1	1
MK002-10	1 322 285-6	Cover	Wartsila Canada Inc.	1	4
MK002-10	1 327 056-6	Plug	Wartsila Canada Inc.	6	28
MK002-10	1 327 056-6	Plug	Wartsila Canada Inc.	2	7
MK002-10	1 328 786-7	Gasket	Wartsila Canada Inc.	2	10
MK002-10	1 331 818-3	Protection Anode	Wartsila Canada Inc.	6	27
MK002-10	1.38868.5	Gasket	Wartsila Canada Inc.	3	16
MK002-10	130 498-4	Gasket	SCANIA	3	15
MK002-10	137-649-1	FW Coolant Pump	SCANIA	1	3
MK002-10	14 090-5	Ball Bearing	Wartsila Canada Inc.	4	20
MK002-10	170 205-9	Rubber Gasket	Wartsila Canada Inc.	3	16
MK002-10	170 366-9	Gasket	Wartsila Canada Inc.	2	9
MK002-10	170 367-7	Gasket	Wartsila Canada Inc.	4	19

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MK002-10	170 687-8	Gasket	Wartsila Canada Inc.	4	19
MK002-10	241 067-8	Thermostat	Wartsila Canada Inc.	6	29
MK002-10	249 462-3	Flexible Steel Hose	Wartsila Canada Inc.	2	6
MK002-10	252 804-0	Gasket	Wartsila Canada Inc.	3	15
MK002-10	272 783-2	Thermostat	Wartsila Canada Inc.	2	10
MK002-10	276 586-5	Impeller	Wartsila Canada Inc.	2	10
MK002-10	282 922-4	Lipseal	Wartsila Canada Inc.	1	5
MK002-10	282 923-2	Mech. Seal	Wartsila Canada Inc.	2	7
MK002-10	282 926-5	Ball Bearing	Wartsila Canada Inc.	1	4
MK002-10	323 643-7	Elbow Union	Wartsila Canada Inc.	1	4
MK002-10	323897-9	Impeller- for salt water cooling pump	SCANIA	3	15
MK002-10	323897-9	Impeller- for salt water cooling pump	SCANIA	1	5
MK002-10	324 506-5	Expansion Tank	Wartsila Canada Inc.	1	3
MK002-10	325 441-4	Gasket	Wartsila Canada Inc.	4	20
MK002-10	325 442-2	Gasket	Wartsila Canada Inc.	5	22
MK002-10	328 424-7	Gear	Wartsila Canada Inc.	2	10
MK002-10	348 227-0	Plug	Wartsila Canada Inc.	1	5
MK002-10	355 486-2	Gasket	Wartsila Canada Inc.	4	19
MK002-10	360 705-8	Pipe	Wartsila Canada Inc.	1	5
MK002-10	362 129-9	O-ring	Wartsila Canada Inc.	2	9
MK002-10	363 143-9	Seal	Wartsila Canada Inc.	2	8
MK002-10	367 762-2	Pressure Cap	Wartsila Canada Inc.	2	12
MK002-10	375 239-1	Flange	SCANIA	1	3
MK002-10	375 240-9	Flange	Wartsila Canada Inc.	1	3
MK002-10	378 396-6	Coolant Filter	Wartsila Canada Inc.	8	46
MK002-10	388 736-1	Gasket	Wartsila Canada Inc.	3	15
MK002-10	391 800-0	Gasket	Wartsila Canada Inc.	2	13
MK002-10	4.197766.8	Low Water Pressure Switch or Low Turbo-Oil Pressure Switch	AMOT Controls	1	4
MK002-10	551 483	Gasket Kit - Fresh Water Pump		1	4
MK002-10	804 655-9	O-ring	Wartsila Canada Inc.	2	12
MK002-10	804 670-8	O-ring	Wartsila Canada Inc.	3	15
MK002-10	804 691-4	O-ring	Wartsila Canada Inc.	4	18
MK002-10	804 730-0	O-ring	Wartsila Canada Inc.	5	22
MK002-10	810 970-4	O-ring	Wartsila Canada Inc.	2	8
MK002-10	SCA1439612	O Ring	SCANIA	2	8
MK002-11	1341497	Feed Pump Bosch 0 440 008 077 FP/KD22P80	Wartsila Canada Inc.	1	3
MK002-11	1 110 974-1	Delivery Pipe, Kit (Fuel Bundles)	Wartsila Canada Inc.	1	2
MK002-11	1 110 974-1	Delivery Pipe, Kit (Fuel Bundles)	Wartsila Canada Inc.	1	1
MK002-11	1 110 974-1	Delivery Pipe, Kit (Fuel Bundles)	Wartsila Canada Inc.	1	1
MK002-11	1 110 974-1	Delivery Pipe, Kit (Fuel Bundles)	Wartsila Canada Inc.	1	1
MK002-11	1 110 975-8	Delivery Pipe, Kit (Fuel Bundles)	Wartsila Canada Inc.	1	2
MK002-11	1 110 975-8	Delivery Pipe, Kit (Fuel Bundles)	Wartsila Canada Inc.	1	2
MK002-11	1 110 975-8	Delivery Pipe, Kit (Fuel Bundles)	Wartsila Canada Inc.	1	1
MK002-11	1 110 975-8	Delivery Pipe, Kit (Fuel Bundles)	Wartsila Canada Inc.	1	1
MK002-11	1 110 976-6	Delivery Pipe, Kit (Fuel Bundles)	Wartsila Canada Inc.	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MK002-11	1 110 976-6	Delivery Pipe, Kit (Fuel Bundles)	Wartsila Canada Inc.	1	2
MK002-11	1 110 976-6	Delivery Pipe, Kit (Fuel Bundles)	Wartsila Canada Inc.	1	1
MK002-11	1 110 977-4	Delivery Pipe, Kit (Fuel Bundles)	Wartsila Canada Inc.	1	2
MK002-11	1 110 977-4	Delivery Pipe, Kit (Fuel Bundles)	Wartsila Canada Inc.	1	1
MK002-11	1 110 977-4	Delivery Pipe, Kit (Fuel Bundles)	Wartsila Canada Inc.	1	1
MK002-11	1 110 977-4	Delivery Pipe, Kit (Fuel Bundles)	Wartsila Canada Inc.	1	1
MK002-11	1 114 484-7	Level Monitor	Wartsila Canada Inc.	1	2
MK002-11	1 123 841-7	Feed Pump	Wartsila Canada Inc.	1	3
MK002-11	1 320 796-4	Coupling	Wartsila Canada Inc.	1	4
MK002-11	1 321 361-6	Flange	Wartsila Canada Inc.	1	5
MK002-11	1 340 531-1	Injection Pump	Wartsila Canada Inc.	1	1
MK002-11	1 341 480-0	Injector	Wartsila Canada Inc.	3	16
MK002-11	139 509-4	Rubber Element	Wartsila Canada Inc.	2	10
MK002-11	16 775-9	Banjo Screw	Wartsila Canada Inc.	2	7
MK002-11	17 146-2	Banjo Screw	Wartsila Canada Inc.	4	20
MK002-11	17 384-9	Banjo Screw	Wartsila Canada Inc.	6	26
MK002-11	170 424-6	Gasket - Injector	Wartsila Canada Inc.	15	133
MK002-11	173171-0	Lube Oil Filter	SCANIA	10	85
MK002-11	192 868-8	Valve	Wartsila Canada Inc.	1	2
MK002-11	192 869-6	Valve Spring	Wartsila Canada Inc.	1	2
MK002-11	269 787-8	O-ring	Wartsila Canada Inc.	10	88
MK002-11	309 612-0	Fuel Return Tube	Wartsila Canada Inc.	1	3
MK002-11	313969-8	Overflow Valve	Wartsila Canada Inc.	1	5
MK002-11	324 551-1	Return Pipe	Wartsila Canada Inc.	1	5
MK002-11	328 381-9	Pulsator	Wartsila Canada Inc.	1	2
MK002-11	328 381-9	Pulsator	Wartsila Canada Inc.	1	2
MK002-11	334 662-4	Hand Pump	SCANIA	2	7
MK002-11	343 144-2	Fuel Filter	Cores Worldwide Inc.	6	26
MK002-11	35 525-5	Gasket	Wartsila Canada Inc.	2	10
MK002-11	364 624-7	Fuel Filter (UD16 and UD19)	SCANIA	10	64
MK002-11	367 645-9	Roller Bearing	Wartsila Canada Inc.	1	2
MK002-11	371 512-5	Gasket	Wartsila Canada Inc.	2	7
MK002-11	371 514-1	Gasket	Wartsila Canada Inc.	2	8
MK002-11	371 515-8	Gasket	Wartsila Canada Inc.	2	10
MK002-11	380 756-7	Bearing Endplate	Wartsila Canada Inc.	1	2
MK002-11	383 916-4	Cap Nut	Wartsila Canada Inc.	1	4
MK002-11	383 917-2	Seal - Injector	Wartsila Canada Inc.	10	75
MK002-11	802 994-4	Washer	Wartsila Canada Inc.	3	15
MK002-11	812 411-7	Gasket	SCANIA	10	98
MK002-11		Delivery Pipe, 5th	Wartsila Canada Inc.	1	2
MK002-11		Delivery Pipe, 5th	Wartsila Canada Inc.	1	2
MK002-11		Delivery Pipe, 2nd	Wartsila Canada Inc.	1	2
MK002-11		Delivery Pipe, 2nd	Wartsila Canada Inc.	1	2
MK002-11		Delivery Pipe, 4th	Wartsila Canada Inc.	1	2
MK002-11		Delivery Pipe, 4th	Wartsila Canada Inc.	1	2
MK002-11		Delivery Pipe, 8th	Wartsila Canada Inc.	1	2
MK002-11		Delivery Pipe, 8th	Wartsila Canada Inc.	1	2
MK002-12	192 958-7	Roller Bearing		1	3
MK002-12	192 977-7	Needle Bearing		1	3
MK002-12	2.097972.4	Flexible Piping	Wartsila Canada Inc.	6	30
MK002-12	2.097972.4	Flexible Piping	Wartsila Canada Inc.	4	19
MK002-12	2.097972.4	Flexible Piping	Wartsila Canada Inc.	1	2
MK002-12	2.600450.4	Expansion Joint	Wartsila Canada Inc.	1	1

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MK002-12	2.600452.4	Expansion Joint on Silencer		1	1
MK002-12	210 991-6	Starter Pinion		1	3
MK002-12	210 995-7	Solenoid Switch		1	2
MK002-12	238 805-6	Starter Relay		1	2
MK002-12	3.600578.1	Oil Breather Including Items 1-3	Wartsila Canada Inc.	1	5
MK002-12	349 579-3	Starter Motor		1	2
MK002-12	4.085482.2	Gasket	Wartsila Canada Inc.	4	18
MK002-12	4.116094.3	Hinge Bearing	Wartsila Canada Inc.	1	3
MK002-12	4.196271.7	Bonding Strap	Wartsila Canada Inc.	1	2
MK002-12	4.197766.8	Pressure Switch 0.17bar-1.86bar	Amot Controls	1	2
MK002-12	4.198357.1	Speed Control Unit	Wartsila Canada Inc.	1	3
MK002-12	4.198366.2	Sensor - Fuel Pressure Gauge	Wartsila Canada Inc.	1	4
MK002-12	4.198367.3	Fuel-Oil Pressure Indicator	Wartsila Canada Inc.	1	2
MK002-12	4.198368.2 obsolete use 4.198334.8	Jacket Water Temp Sensor (Lube Oil Sensor)	Wartsila Canada Inc.	1	4
MK002-12	4.198370.0	Temperature Probe	Wartsila Canada Inc.	1	1
MK002-12	4.198374.4	Pressure Switch 0.34bar-4.27bar (Manostat)	Amot Controls	1	1
MK002-12	4.198375.3	Water Thermostat 98o(HJW-2)	Wartsila Canada Inc.	1	3
MK002-12	4.198376.4	Oil Pressure Switch (Manostat)	Wartsila Canada Inc.	1	3
MK002-12	4.198377.5	Oil Pressure Switch	Wartsila Canada Inc.	1	2
MK002-12	4.198378.4	Thermostat	Wartsila Canada Inc.	1	3
MK002-12	4.198386.3	Differential Pressure Switch	Wartsila Canada Inc.	1	1
MK002-12	4.198394.3	Potentiometer 50KR/10TR		1	2
MK002-12	4.584502.5	Union	Wartsila Canada Inc.	4	18
MK002-14	1 107 098-4	O-ring, Plug - Exhaust Manifold	Wartsila Canada Inc.	2	10
MK002-14	1 313 459-8	Cylinder Head Gasket - Complete With Seals	Wartsila Canada Inc.	6	31
MK002-14	1 321 450-7	Gasket, Heat Exchanger - Cover	Wartsila Canada Inc.	2	13
MK002-14	222 499-6	Gasket - Turbo Exhaust Piping	Wartsila Canada Inc.	1	5
MK002-14	324 545-3	Gasket, Pipe - Exhaust Manifold	Wartsila Canada Inc.	2	10
MK002-14	551 441-9	Gasket Kit - Oil Cleaner	Wartsila Canada Inc.	1	5
MK002-14	551 510-1	General Overhaul Kit	SCANIA	1	2
MK003-00	1 332 341-5	Air filter	SCANIA	8	47
MK003-00	371 502-6	Gasket		1	2
MK003-01	1360833	Exhaust Valve		1	2
MK003-01	1 100 677-2	Bushing		1	5
MK003-01	1 319 081-4	Intake Valve		1	3
MK003-01	351 351-2	Seat Intake Valve		1	2
MK003-01	351 352-0	Seat Exhaust Valve		1	2
MK003-03	1 321 372-3	Cylinder Liner		1	2
MK003-03	331 874-8	Shim 0.20mm		1	3
MK003-03	331 875-5	Shim 0.20mm		1	3
MK003-03	331 876-3	Shim 0.30mm		1	3
MK003-03	331 877-1	Shim 0.50mm		1	4
MK003-03	331 878-9	Shim 0.75mm		1	3
MK003-03	348 611-5	Axial Bearing STD 3,40mm		1	3
MK003-03	350 859-5	Cylinder Block		1	1
MK003-03	357 776-4	Shim 0.40mm		1	3
MK003-03	365 100-7	Main Bearing STD 90.00mm		2	9
MK003-04	1 320 973-9	Bushing		1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MK003-04	1 332 749-9	Piston		1	2
MK003-04	229 995-6	Compression Ring Lower		1	2
MK003-04	245 486-6	Oil Scraper Ring		1	2
MK003-04	340 327-6	Gudgeon Pin		1	2
MK003-04	346 879-0	Connecting Rod Bearing STD 80,00mm		1	4
MK003-04	362 507-6	Flywheel without Clutch		1	1
MK003-04	371 993-7	Compression Ring Upper		1	2
MK003-04	377 179-7	Crankshaft		1	2
MK003-04	393 652-3	Connecting Rod		1	1
MK003-05	1 109 870-4	Seal		1	2
MK003-05	14 091-3	Ball Bearing		1	2
MK003-05	140 180-1	Ball Bearing	SCANIA	1	2
MK003-05	346 228-0	Push Rod		2	8
MK003-05	347 049-9	Gear		1	2
MK003-05	347 050-7	Gear Injection Pump		1	2
MK003-05	349 214-7	Camshaft		1	1
MK003-05	397 926-7	Intermediate Gear		1	2
MK003-06	1122428	Water Pump		1	2
MK003-06	1383576 (Use 2nd Alt)	Thermostat		1	2
MK003-06	139 110-1	Bushing		1	3
MK003-06	288 767-7	Ball Bearing		1	2
MK003-06	365 068-6	Radiator Core		1	1
MK003-06	372 032-3	Shim		1	2
MK003-06	381 235-1	Seal		1	2
MK003-07	369478	Seal		1	4
MK003-07	393 457-7	Turbocharger		1	1
MK003-08	1374352	Damper		1	1
MK003-10	1368701	Water PHR Resistor		2	7
MK003-10	1402401	Oil Pump		1	1
MK003-10	278 533-5	Bearing		1	2
MK003-11	1 111 483-2	Coupling		1	1
MK003-11	1 114 409-4	Delivery Pipes Kit		1	2
MK003-11	1 114 409-4	Delivery Pipes Kit		1	1
MK003-11	1 114 409-4	Delivery Pipes Kit		1	1
MK003-11	1 114 410-2	Delivery Pipes Kit		1	2
MK003-11	1 114 410-2	Delivery Pipes Kit		1	2
MK003-11	1 114 410-2	Delivery Pipes Kit		1	1
MK003-11	1 114 410-2	Delivery Pipes Kit		1	1
MK003-11	1 307 768-0	Feed Pump		1	3
MK003-11	1 318 812-3	Injector	SCANIA	2	8
MK003-11	1 318 814-9	Nozzle		1	4
MK003-11	1 336 025-0	Shim TJ = 1,00mm		1	4
MK003-11	1 336 026-8	Shim TJ = 1,05mm		1	4
MK003-11	1 336 027-6	Shim TJ = 1,10mm		1	4
MK003-11	1 336 028-4	Shim TJ = 1,15mm		1	4
MK003-11	1 336 029-2	Shim TJ = 1,20mm		1	4
MK003-11	1 336 030-0	Shim TJ = 1,25mm		1	4
MK003-11	1 336 031-8	Shim TJ = 1,30mm		1	4
MK003-11	1 336 032-6	Shim TJ = 1,35mm		1	4
MK003-11	1 336 033-4	Shim TJ = 1,40mm		1	4
MK003-11	1 336 034-2	Shim TJ = 1,45mm		1	4
MK003-11	1 336 036-7	Shim TJ = 1,55mm		1	4
MK003-11	1 336 037-5	Shim TJ = 1,60mm		1	4
MK003-11	1 336 038-3	Shim TJ = 1,65mm		1	4
MK003-11	1 336 039-1	Shim TJ = 1,70mm		1	4
MK003-11	1 336 040-9	Shim TJ = 1,75mm		1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MK003-11	1 336 041-7	Shim TJ = 1,80mm		1	4
MK003-11	1 336 042-5	Shim TJ = 1,85mm		1	4
MK003-11	1 336 043-3	Shim TJ = 1,90mm		1	4
MK003-11	1 336 044-1	Shim TJ = 1,95mm		1	4
MK003-11	1 336 045-8	Shim TJ = 2,00mm		1	4
MK003-11	1 336 046-6	Spacer		1	2
MK003-11	1 336 047-4	Pressure Bolt		1	4
MK003-11	1 336 048-2	Cap Nut		1	4
MK003-11	1 342 534-3	Injection Pump		1	1
MK003-11	362 633-0	Pressure Valve		1	2
MK003-11	386 626-6	Pressure Spring		1	2
MK003-12	369 555	Starter Motor		1	1
MK003-12	386 762-9	Pinion		1	2
MK003-12	386 776-9	Solenoid		1	2
MK003-14	1 103 031-9	Bearing		1	2
MK003-14	136 870-1 (see Alt P/N's.	Heater 2000W (See inventory Tab)	Finning Power Systems	2	10
MK003-14	228 836-3	Ball Bearing		1	2
MK003-14	258 267-4	Ball Bearing		1	2
MK003-14	285 248-1	Vibration Insulator	Wartsila Canada Inc.	1	3
MK003-14	814 196-2	Electrical Driving Belt		2	8
MK003-14	814 215-0	Water Pump Driving Belt L=1725 mm		2	8
MK003-15	2.108139.3	Hose		1	2
MK003-15	2.600451.3	Expansion Joint		1	1
MK003-15	3.600280.3	Oil Pump Manual Complete		1	1
MK003-15	4.197267.2	Electro Stop		1	3
MK003-15	4.197766.8	Pressure Switch		1	2
MK003-15	4.198372.8	Pressure Switch (Transducer, Lube Oil)		1	4
MK003-15	4.589113.3	Hose		5	19
MK003-15	4.589120.4	Shock-Absorber		2	7
MK003-15	5.300347.7	Radiator Cap	Wartsila Canada Inc.	2	9
MK003-15	Gasket5	5" Exhaust Uptake Gasket	Wartsila Canada Inc.	1	3
MK003-16	551 453-4	Gasket Kit Oil Cleaner		1	3
MK003-16	551 485-6	General Overhaul Kit		1	3
MT001-00	349639	Lint Filter Assembly	Reliable Parts	6	33
MT001-00	570026	#2 Flat Air Filter		1	4
MT001-00	00549/222420-00	240v Heater for AHU	CALORITECH	1	3
MT001-00	16315-128	Filter 60/60		1	3
MT001-00	16315-129	Flat Filter 24 x 24 x 1	Stork Canada Inc	2	12
MT001-00	28-2468-24	3/4" Bayonet Bulbs		1	2
MT001-00	313-102-5	Exhaust Grill	Stork Canada Inc	1	5
MT001-00	316-100-6-228	Cover	Stork Canada Inc	1	2
MT001-00	5F60-A352	Suction Filter Pkg.		2	11
MT001-00	94-2723F36A	Fuse 6A		1	2
MT001-00	94-2822F26A	Fuse 6A, 250V, TD, 14x50mm, AHU Cont. Wiring Diagram Fuse (F2-6A)		2	8
MT001-00	94-2822F32A	AHU Cont. Wiring Diagram Fuse (F3, F4, F5, F6 -2A)		3	15
MT001-00	94-2822M100A	AHU Cont. Wiring Diagram Fuse 100 A Main		8	42
MT001-00	M902PF-250LR-FL2-3W	Water Regulating Valve, 2 1/2" METREX 3 way (BELLOWS ONLY)	Metrex	1	2
MT001-00	MDL-2	Fuse 2A, 250V, SB, 1/4 x 1 1/4", glass tube, Heating coil		6	30

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MT001-00	MDL-2	Fuse 2A, 250V, SB, 1/4 x 1 1/4", glass tube, Heating coil		6	30
MT001-00	RM1A48A50	Pre-Heater Relay	Stork Canada Inc	1	4
MT001-00	SP-2494	Return Grill	Stork Canada Inc	1	5
MT003-00	3BTL6-31	Switch, Oil Temp	JHT Electronics	1	2
MT003-00	5F20-1311	Adapter	Carrier Canada Ltd	1	2
MT003-00	5F20-212	Switch, Oil Safety	Carrier Canada Ltd	1	2
MT003-00	5F20-381	Heater Package	Carrier Canada Ltd	1	1
MT003-00	5F20-A272	Oil Pump Package	Carrier Canada Ltd	1	2
MT003-00	5F40276	Seal	Carrier Canada Ltd	1	4
MT003-00	5F60660001	Gasket Set	Carrier Canada Ltd	1	2
MT003-00	5F60-909	Compressor Complete 5F60		1	2
MT003-00	848-CM	Core, Drier		4	18
MT003-00	HK02UA-300	Switch, High Pressure	Carrier Canada Ltd	1	2
MT003-00	HK02UB-050	Switch, Lo Pressure	Carrier Canada Ltd	1	2
MT003-00	T675A-2076	Thermostat	HONEYWELL	1	5
MT007-00	200-029	Evaporator	Zepoli Int Ltd	1	2
MT007-00	601-006	Contactora, Compressor (EC Use Alt PN for Ordering)	Zepoli Int Ltd	1	3
MT007-00	601-009	Contactora Coil, Blower 24VAC	Zepoli Int Ltd	1	2
MT007-00	602-004	Relay, Time delay	Zepoli Int Ltd	1	3
MT007-00	640-004	Switch, High Pressure	Zepoli Int Ltd	1	3
MT007-00	640-007	Switch, Low Pressure	Zepoli Int Ltd	1	2
MT007-01	410-018	Blower	Zepoli Int Ltd	1	2
MT007-02	1985-020-19	Needle Valve 1/4NPT, BBV4 - Forged Brass		1	3
MT008-00	1985-1178-FILT	Filter, 305x152x51, 30/30	FARR INC.	6	29
MT008-00	1985-161	Flat air filter 14 3/4 x 10 7/16 THK, washable		2	10
MT008-00	200-022	Evaporator	Zepoli Int Ltd	1	2
MT008-00	450-063	Motor, Blower	Zepoli Int Ltd	1	2
MT008-00	700-011	Capacitor, Blower Motor 4MFD	Zepoli Int Ltd	1	2
MT008-00	700-038	Capacitor, Compressor Motor	Zepoli Int Ltd	1	2
MT008-00	DA868P-100SEM	Water Regulating Valve, 1" Metrex two way	Zepoli Int Ltd	1	2
MT008-00	DA868P-50SEM	Water Regulator valve, 1/2" Metrex two way		1	1
MT008-00	V46BB-2C	1/2" Water Valve	Johnson Controls L.P.	1	3
MT009-00	230928080100001	Shaft Seal		1	4
MT009-00	230928100100001	Shaft Seal		1	4
MT009-00	510207080100000	Bushing		1	3
MT009-00	510207100100000	Bushing		1	5
MT009-00	470-206-060-999-003	Seat 6"	Preston Phipps Inc.	1	3
MT009-00	470-206-080-999-003	Seat 8"	Preston Phipps Inc.	1	4
MT009-00	5H60-613	Flexible Coupling	CARRIER CANADA LIMITED	1	1
MT010-00	1985-020-03	Angle Type Relief Valve 526E-350 Psi - Brass	Henry Valve Co.	1	2
MT010-00	1985-080-11	Sporlan thermostatic expansion valve, 7/8" x 1 3/8"	Stork Canada Inc	6	30
MT010-00	1985-SP-029	Supply Regulator, REG 24DU.2 D0421	Stork Canada Inc	3	15
MT010-00	3G2A9-BAT08	Battery, CPU		1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MT010-00	3G2C7-CPU 74E	CPU, Programmable Controller		1	1
MT010-00	3G2C7-MC223	CPU Extension		1	1
MT010-00	3SB1218-0AC01	Pushbutton, Illuminated Red	Siemens Canada Ltd	1	2
MT010-00	3SB1218-0AE01	Pushbutton, Illuminated Green	Siemens Canada Ltd	1	2
MT010-00	3SB1400-0B	Contact, NC	Siemens Canada Ltd	2	13
MT010-00	3SB1400-0C	Contact, NO	Siemens Canada Ltd	2	10
MT010-00	3SB1400-0C	Contact, NO	Siemens Canada Ltd	1	3
MT010-00	3SB1400-2A	Module, Pilot Lamp	Siemens Canada Ltd	2	12
MT010-00	94-2723F13A	Fuse F1 3amp, 600v	Gould Shawmut	10	74
MT010-00	94-2723F23A	Fuse 3A, Fuse 3A, 250V, SB, 14.3 X 50.8MM, F2		10	86
MT010-00	94-2723F36A	Fuse 6A, 250V, F3 Time Delayed, 14x50mm		10	84
MT010-00	94-2723-OL-GV3	Overload CPRSR, Motor Circuit Breaker 25 - 40A	Telemecanique	1	2
MT010-00	94-2723-RCP-MK3	Relay	Kaycom Inc	1	4
MT010-00	94-2723-RY-G2R	Relay	Kaycom Inc	5	23
MT010-00	AP5014	Switch, Air Flow		1	3
MT010-00	B25S2	Valve, Solenoid, c/w coil 115V	Sporlan	3	16
MT010-00	ZB2-BA2	Pushbutton head, Black	Telemecanique	1	3
MT010-00	ZB2-BA3	Pushbutton head, Green	Telemecanique	2	11
MT010-00	ZB2-BA4	Pushbutton head, Red	Telemecanique	1	3
MT010-00	ZB2-BA5	Pushbutton head, Yellow	Telemecanique	1	3
MT010-00	ZB2-BD2	Switch, Head	Telemecanique	1	3
MT010-00	ZB2-BZ101	Pushbutton, Body	Telemecanique	1	2
MT010-00	ZB2-BZ102	Pushbutton, Body	Telemecanique	1	2
MT012-00	702RA-001	Solenoid Valve	JHT Electronics	1	2
MT012-00	AMG 120V/60HZ	Coil, Solenoid Valve 120v 60Hz	JHT Electronics	1	2
MT012-00	COVER	Galley Exhaust Cover	Canadian Maritime Engineering	1	2
MT012-00	VE-VLVSTUD-003	Stud galvanized steel	Stork Canada Inc	6	30
MT012-00	VE-VLVSTUD-004	Stud galvanized steel	Stork Canada Inc	8	56
MU001-00	P30061	Pneumatic Siren CO2 Driven		1	3
MU001-00	P30066000	CO2 Discharge Valve		2	13
MU001-00	P30071	Pressure Switch		1	4
MU001-00	P30096	CO2 Actuator Handle		2	10
MU001-00	W565	Hose Spanner		1	4
MU002-00	AC345Q0	Globe Valve - 3" NB 150# BRZ Flanged	A. CROSBIE INCORPORATED	1	2
MU002-00	AC345Q0	Globe Valve - 3" NB 150# BRZ Flanged	A. Crosbie Incorporated	1	1
MU002-00	SPRING	Spring for Globe Valves	SSCAN Technologies	1	5
MU002-01	BLA100H	100 US gal Foam Tank Bladder	Advanced Inflatable Rubber	1	2
MU003-00	8210G2	Solenoid Valve (ASCO) Mag Spray Activation	CTH Instruments Ltd.	1	4
MU003-00	GGM4	4A Fuse		10	108
MU003-00	LD2000	ISOLATION VALVE		1	2
MU003-00	test fitting	magazine test fitting and hose	Halifax Shipyard Ltd.	1	2
MU003-01	NB924421202	Leslie Valve Spare Parts Kit		2	9
MU003-02	AC70/1	STRAINER SCREEN		2	9
MU003-02	D1H-A150SS-P2	PRESSURE SWITCH, 1.5 to 150psi (Same as PC 0003)	CTH Instruments Ltd.	1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MU003-02	Q61	Valve, Solenoid Control, Salt Water, 1/2", 5-150psi	J.D. Gould	1	2
MU003-02	SS-45S8	BALL VALVE 2500 psi (172 BAR) 100 Deg f	Whitey USA	1	2
MU003-03	700-HA32A1	RELAY 3P2T		1	2
MU003-03	700-HA33A1	RELAY 10A 2PDT 120Vac	Allen Bradley	1	2
MU003-03	800A-N42	Flip-Up Cover, Start/Stop Switch	Harris & Roome Supply Ltd.	2	11
MU003-03	800T-N169 or 120MB Albrite	Magazine Sprinkler Light Bulb 120V Control Panel		6	30
MU004-00	96903	Fusible Links		5	22
MU004-00	97023	Pressure Switch		1	3
MU004-00	9150046	Lead Seal And Wire		4	19
MU004-00	9196915	Nitrogen Cylinder Assy.		4	18
MU005-00	Style 2681	Wye Gate 2 1/2" inlet, 2 x 1 1/2' outlets		1	2
MU010-00	DCIB	Damage Control Incident Board	Canadian Maritime Engineering	1	1
MU014-00	LR50553	Flasher, Model CC-10I, 120vac, 60Hz, 10A max		1	3
MU019-00	1093299	WATER MIST NOZZLE	NOVENCO	2	8
MU019-00	1093304	SHAFT SEAL KIT	GRUNDFOS	1	2
MU019-00	1093307	O-RING KIT	GRUNDFOS	1	2
MU019-00	918247-0	GLASS FOR RELEASE BUTTON	CONSILIUM	2	12
MU019-00	921637-0	Pressure Switch	DANFOSS	1	3
MV001-00	568-70D	568-HNBR O-RING KIT	ARVA Industries Inc.	2	10
MV001-00	568-70D	568-HNBR O-RING KIT	ARVA Industries Inc.	1	5
MV001-00	879-6-SS	3/8" 90Degree Swivel Adapter	ARVA Industries Inc.	2	12
MV001-00	879-6-SS	3/8" 90Degree Swivel Adapter	ARVA Industries Inc.	2	8
MV001-00	879-8-8SS	1/2" 90 Degree Swivel Adapter	ARVA Industries Inc.	2	12
MV001-00	879-8-8SS	1/2" 90 Degree Swivel Adapter	ARVA Industries Inc.	2	8
MV001-00	879FS-4-4SS	1/4" 90 Degree Swivel Adapter	ARVA Industries Inc.	2	12
MV001-00	879FS-4-4SS	1/4" 90 Degree Swivel Adapter	ARVA Industries Inc.	2	8
MV001-00	A-110869	Filter Housing	ARVA	1	5
MV001-00	A-110872	Valve, Control, Remote Dump	ARVA Industries Inc.	1	4
MV001-00	A-110952	Valve, Ball	ARVA Industries Inc.	2	9
MV001-00	A-120649	Fuse 20A, 600V, SB, AC/300 DC Time Delay Fuse		6	26
MV001-00	A-154446	Slew Gear		1	2
MV001-00	A-17741	Suction Strainer		1	5
MV001-00	A-17741	Suction Strainer		1	2
MV001-00	A18573	Filler Breather		2	8
MV001-00	BRACKET	WINCH BRACKET - OLD STYLE	ARVA Industries Inc.	1	2
MV001-00	H-15551-48	Hose Assy		1	2
MV001-00	HYDHOSE-01DA61652-781	3/8" Hydraulic Hose - 30" Length	ARVA Industries Inc.	2	7
MV001-00	HYDHOSE-01DA61652-781	3/8" Hydraulic Hose - 30" Length	ARVA Industries Inc.	1	4
MV001-00	HYDHOSE-01DA61652-782	3/8" Hydraulic Hose - 35" Length	ARVA Industries Inc.	2	7

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MV001-00	HYDHOSE-01DA61652-782	3/8" Hydraulic Hose - 35" Length	ARVA Industries Inc.	1	4
MV001-00	HYDHOSE-01DA61652-783	3/8" Hydraulic Hose - 42" Length	ARVA Industries Inc.	2	7
MV001-00	HYDHOSE-01DA61652-783	3/8" Hydraulic Hose - 42" Length	ARVA Industries Inc.	1	4
MV001-00	HYDHOSE-01DA61652-784	1/2" Hydraulic Hose - 36" Length	ARVA Industries Inc.	2	7
MV001-00	HYDHOSE-01DA61652-784	1/2" Hydraulic Hose - 36" Length	ARVA Industries Inc.	1	4
MV001-00	HYDHOSE-01DA61652-785	1/2" Hydraulic Hose - 48" Length	ARVA Industries Inc.	2	7
MV001-00	HYDHOSE-01DA61652-785	1/2" Hydraulic Hose - 48" Length	ARVA Industries Inc.	1	4
MV001-00	HYDHOSE-01DA61652-786	1/4" Hydraulic Hose - 48 Length	ARVA Industries Inc.	2	7
MV001-00	HYDHOSE-01DA61652-786	1/4" Hydraulic Hose - 48 Length	ARVA Industries Inc.	1	4
MV001-00	K200X12GHSN	O-RING KIT	ARVA Industries Inc.	2	10
MV001-00	K200X12GHSN	O-RING KIT	ARVA Industries Inc.	1	5
MV001-00	O-RING KIT	O-RING KIT	ARVA Industries Inc.	2	7
MV001-00	O-RING KIT	O-RING KIT	ARVA Industries Inc.	1	5
MV001-01	A-123411	P-Q-M200-105 Consolette Controller Station	ARVA Industries Inc.	1	4
MV001-01	M100-182ASS	Joystick Controller, Boom (left-inner position)	P - Q Controls	1	1
MV001-01	M100-183ASS	Joystick Controller, Slew (left-outer position)	P - Q Controls	1	2
MV001-01	M100-845CSS	Joystick Controller, Hoist (right hand position)	P - Q Controls	1	5
MV001-01	P-000549	Fuse 3A, 600V, FB, ceramic, 13.80 x 60.40mm	Jentronics Limited	4	19
MV001-01	P-000553	Fuse 1A, 600V, 12 x 30mm		6	27
MV001-01	P-000554	Fuse, 5A, 250V, 10 x 38mm	Albrite Lighting Ltd	6	27
MV001-01	P-000555	Fuse 1/2A,250V, FB, 10 x 38mm, Laminated Body		2	12
MV001-01	P-000556	Lamp 130V, 20mA	Albrite Lighting Ltd	8	50
MV001-01	P-000557	Lamp 130V, 20mA		6	35
MV001-01	P-000558	Lamp 130V, 20mA		4	19
MV001-03	A-110870	Hydraulic Pump		1	3
MV001-03	A-111007	Return Filter	Atlantic Hardchrome Limited	3	15
MV001-06	A19291	SLEW UNIT - MOTOR HYDRAULIC (Model: 104-1017)	EATON CORPORATION	1	3
MV001-07	A-154394	Sheave Assy.	ARVA Industries Inc.	1	4
MV001-07	A154631	Anti Two Block Installation Complete	ARVA Industries Inc.	1	2
MV001-07	A-155991	A.T.B. Switch Assembly	ARVA Industries Inc.	2	7
MV001-08	A-17191	Valve, Center Balance	ARVA Industries Inc.	2	8
MV001-09	M84967	Wire Rope (cable), 100' x 7/16" , 6x19 Classification, 6x25 construction, IWRC, EHS, RRL, galvanized, 11.5 Ton MIn break strength	ARVA Industries Inc.	1	3
MV001-10	A-110871	Control Valve	ARVA Industries Inc.	1	3
MV001-10	A110871-1	Solenoid, Coil	ARVA Industries Inc.	1	2
MV001-10	A110871-1	Solenoid, Coil	ARVA Industries Inc.	1	2
MV001-10	A-110873	Valve, Piloted	ARVA Industries Inc.	1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MV001-10	A-110945	Valve, Pressure Reducing	ARVA Industries Inc.	2	7
MV001-10	A-152891	Accumulator	ARVA Industries Inc.	1	4
MV001-10	A-154408	Bushing		1	2
MV001-10	A-154870	Valve, Overcenter (order Alt #)	ARVA Industries Inc.	2	7
MV001-10	A-16797	Valve, Check 5000 PSI Max.	ARVA Industries Inc.	1	5
MV001-10	A-169288	Bracket for Accumulator	ARVA Industries Inc.	1	5
MV001-10	H00781	Hand Pump (Model:C304B-10-358-9200-456)	A. I. Inc.	1	3
MV001-11	A111295	Braden Gearmatic BG6A Hydraulic Winch Assembly (Complete)	ARVA Industries Inc.	1	1
MV001-11	A-154448	Swivel Hook, 3JH c/w Latch Kits	Gunnebo Johnson	1	3
MV001-12	A110869	Return Filter		1	2
MV001-12	A-111037	Solenoid Valve		1	5
MV001-12	A120574	ELECTRIC MOTOR 15HP		1	2
MV001-12	A-154521	Coupling	Arva Industries Inc.	1	5
MV001-12	A-21695	Valve Solenoid Dir.	ARVA Industries Inc.	2	6
MV001-12	H15543-46	Hose Assembly 3/8"		1	2
MV001-12	H15555-44	Hose Assembly 3/8"		1	2
MV003-00	00-2240-01-S1	Handle Assembly		1	2
MV003-00	0160R010BN3HC	Filter Element		1	5
MV003-00	0160R010BN3HC	Filter Element		1	3
MV003-00	04-2228-02-11	Capstan Head		1	1
MV003-00	04-2228-03-17	Drive Shaft		1	1
MV003-00	04-2228-04-21	Bushing		1	3
MV003-00	04-2228-08-27	O-rings (1/8 x 31.8")		2	10
MV003-00	04-2228-08-27	O-rings (1/8 x 31.8")		1	2
MV003-00	04-2228-08-31	Key		1	2
MV003-00	04-2228-08-34	MOTOR HYDRAULIC		1	1
MV003-00	08-2243-03-26	Check Valve		1	2
MV003-00	08-2243-03-28	Gauge Pressure LHA		1	2
MV003-00	08-2243-03-30	Level Gauge		1	2
MV003-00	08-2243-03-37	Relief Valve		1	2
MV003-00	08-2243-03-37-S1	Relief Cartridge		1	2
MV003-00	GIA10	10 AMP FUSE		2	9
MV004-00	08-2243-03-33	CIRCULATING PUMP		1	2
MV004-00	08-2243-03-36	ELECTRIC MOTOR		1	1
MV004-00	08-2243-03-38	Return Filter		1	2
MV004-00	ABS-10-12N	Breather Screw		1	2
MV005-00	08-2243-03-32	DRIVE PUMP		1	1
MV005-00	D1L00AM/22	Overload Relay	Hawboldt Industries Ltd	1	3
MV005-00	GIA 10	Fuse, 10A, 600V, Tank Heater Fuse		1	3
MV006-00	00-2240-01-02	Overhaul Valve		1	2
MV010-00	04-2224-02-13	Chain Case Cover	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-04-28	Shaft, Anchor Windlass	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-06-38	Wildcat	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-08-40	Wildcat Bushing	Hawboldt Industries Ltd	1	3
MV010-00	04-2224-10-42	Drive Sprocket Assembly	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-17-62	Brake Handwheel	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-17-62L	Brake hand wheel - Large	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-17-62S	Brake hand wheel - small	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-18-63	Brake Spindle	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-19-66	Washer	Hawboldt Industries Ltd	2	9
MV010-00	04-2224-19-66	Washer	Hawboldt Industries Ltd	2	9
MV010-00	04-2224-19-67	Washer	Hawboldt Industries Ltd	2	10

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MV010-00	04-2224-19-67	Washer	Hawboldt Industries Ltd	2	8
MV010-00	04-2224-20-68	Brake Link	Hawboldt Industries Ltd	1	4
MV010-00	04-2224-22-70	Tension Pivot	Hawboldt Industries Ltd	1	3
MV010-00	04-2224-23-71	Spindle Eye	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-24-72	Pin	Hawboldt Industries Ltd	1	4
MV010-00	04-2224-24-73	Pin	Hawboldt Industries Ltd	1	3
MV010-00	04-2224-26-75	Set Collar	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-28-77A	Cotter Pin	Hawboldt Industries Ltd	2	13
MV010-00	04-2224-28-77B	Adjusting Nut	Hawboldt Industries Ltd	1	3
MV010-00	04-2224-28-92	Lock Pin	Hawboldt Industries Ltd	1	3
MV010-00	04-2224-30-79	Clutch Yoke		1	2
MV010-00	04-2224-31-80	Clutch Handle	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-35-100	Shaft Seal (Outer)	Hawboldt Industries Ltd	2	13
MV010-00	04-2224-35-101	Shaft Seal (Inner Oil Side)	Hawboldt Industries Ltd	2	8
MV010-00	04-2224-35-102	Shaft Seal (Inner)	Hawboldt Industries Ltd	2	8
MV010-00	04-2224-35-112	Driven Sprocket	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-35-113A	Connecting Link	Hawboldt Industries Ltd	1	5
MV010-00	04-2224-35-96	Bearing Sleeve (Outer)	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-35-97	Bearing (Outer)	Hawboldt Industries Ltd	2	8
MV010-00	04-2224-35-98	Bearing Sleeve (Inner)	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-35-99	Bearing (Inner)	Hawboldt Industries Ltd	2	8
MV010-00	04-2224-36-120	Pump Motor Adapter		1	2
MV010-00	04-2224-39-130	Motor Valve Block		1	2
MV010-00	04-2224-40-141	Counter Balance Cartridge		1	2
MV010-00	04-2224-41-136	Filler Breather, Bayonet Style	Hawboldt Industries Ltd	1	4
MV010-00	04-2224-41-138	Level Gauge	Hawboldt Industries Ltd	1	3
MV010-00	12391-04	Thermostat for heater # CXFT220P12R-001	WESCO Distribution - Canada Inc	1	2
MV010-00	5M x 100MM	Taper Pin	Hawboldt Industries Ltd	5	24
MV010-00	8 X 70MM	Taper Pin	Hawboldt Industries Ltd	5	24
MV010-00	80077-2	Boot for HCD4 Control Valve P1	Hawboldt Industries Ltd	2	8
MV010-00	Adapter Link	3 pc. link adapters	Hawboldt Industries Ltd	2	7
MV010-00	CHAIN	Anchor Chain (Approximate Quantity in Feet)	Hawboldt Industries Ltd	10	61.5
MV010-00	CXFT220P-12R-001	Immersion Heater, 450V, 1 phase, 2Kw	CALORITECH	2	7
MV010-00	D1L00AM/22	Aux. Contact (Replaces P/N: 04-2224-103-S1)	Hawboldt Industries Ltd	1	3
MV010-00	M10 x 90MM	Metric Taper Pin	Fastenal	2	10
MV010-00	M5 x 60MM	Taper Pin	Hawboldt Industries Ltd	2	10
MV010-00	M6 x 60MM	Metric Taper Pin	Fastenal	6	29
MV010-00	M6.5 x 70MM	Taper Pin	Hawboldt Industries Ltd	5	24
MV010-00	M8 x 100MM	Metric Taper Pin	Fastenal	5	24
MV010-00	M8 x 60MM	Taper Pin	Hawboldt Industries Ltd	5	22
MV010-00	M8 x 60MM	Taper Pin	Hawboldt Industries Ltd	1	3
MV010-00	M8 x 90MM	Metric Taper Pin	Fastenal	1	5
MV010-00	NS008	Lugless Joining Shackle - KENTER	Hawboldt Industries Ltd	4	20
MV011-00	04-2224-35-119	HYDRAULIC MOTOR		1	2
MV011-00	04-2224-40-139	Control Valve	Hawboldt Industries Ltd	1	3
MV011-00	04-2224-40-139-S1	Control Valve Handle Assembly	Hawboldt Industries Ltd	1	2
MV011-00	04-2224-40-139-S3	Control Valve Seal Kit	Hawboldt Industries Ltd	1	4
MV011-00	04-2224-40-139-S4	Control Valve Detent Kit	Hawboldt Industries Ltd	1	2
MV011-00	04-2224-40-140A	Filter Element (Onboard Spare: FGS 15P)	Hawboldt Industries Ltd	2	7

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MV015-00	663 45952 02EL	Propeller		1	2
MV015-00	682 82151-00	Main Fuse		1	4
MV015-00	689 85570-20	Ignition Coil		1	2
MV019-00	42/536	Cable Assembly	Didsbury Engineering Co Ltd	1	5
MV019-00	42/545	Ammunition Hoist Kit - Didsbury	Didsbury Engineering Co Ltd	2	5
MV019-00	AMMO CRUET	Ammo Cruet/ Lifting Bridle c/w Cable	Didsbury Engineering Co Ltd	1	3
MW001-00	060-2001- KP-1	Low Pressure Control Switch		2	8
MW001-00	060-2015-KP5	High Pressure Safety Switch		1	3
MW001-00	060B2012 - MP55	Oil Pressure Failure Switch		1	3
MW001-00	060L2023 KP-81 AUTO	Desuperheating Control		2	7
MW001-00	060L2030 KP-81 MAN	High Discharge Temperature Safety	Danfoss	1	4
MW001-00	1991+311	Front Bearing		1	2
MW001-00	AMC-1022	Freon Leak Detector	Sabroe (Canada) Industrial Refri	1	2
MW001-00	Sea Rails	Refrigeration Sea Rails (Consists of 4 bundles)	Sabroe (Canada) Industrial Refri	1	2
MW002-00	023U4081	Filter Dryer Core		8	54
MW002-00	1" Globe Valve	1" Globe Valve		1	2
MW002-00	1" Coupling	1" Coupling Female		2	8
MW002-00	1" Elbow	1" Elbow, 45 degrees		1	5
MW002-00	1" Elbow	1" Elbow, 90 degrees		1	4
MW002-00	1" Nipple	1" Nipple		2	11
MW002-00	1" Tee	1" Tee		1	4
MW002-00	1" to 3/4" Reducer	1" to 3/4" Reducer		1	4
MW002-00	1911.130 (F3)	Compressor, F3 Single Stage Reciprocating	Johnson Controls	1	3
MW002-00	1991 + 250	Gasket For V FLG	Sabroe (Canada) Industrial Refri	1	3
MW002-00	1991 + 336	Gasket For V FLG	Sabroe (Canada) Industrial Refri	1	3
MW002-00	1991+212	Oil Filter	Sabroe (Canada) Industrial Refri	4	18
MW002-00	1991+241	Gasket	Sabroe (Canada) Industrial Refri	1	3
MW002-00	1991-216	Shaft Seal, Set for Compressor	Sabroe (Canada) Industrial Refri	2	8
MW002-00	3/4" Coupling	3/4" Coupling Female		1	2
MW002-00	3/4" Elbow	3/4" Elbow 90 degrees		3	16
MW002-00	3/4" Elbow	3/4" Elbow 45 degrees		2	10
MW002-00	3/4" Nipple	3/4" Nipple		2	12
MW002-00	3/4" Tee	3/4" Tee		1	4
MW002-00	M900P-75-BP-SE-3W	3/4" Metrex 3 Way Water Regulating Valve	METREX	1	4
MW004-00	DLCMF 52	Flange Gasket	Sabroe (Canada) Industrial Refri	1	3
MW004-00	DLCMF-52.5-4	Anodes	Sabroe (Canada) Industrial Refri	4	20
MW004-00	LF25AUB-Z3	1" Water Pressure Reducing Valve - 50 PSI	WATTS	2	7
MW004-00	LF25AUB-Z3	1" Water Pressure Reducing Valve - 50 PSI	WATTS	1	2
MW004-00	LF25AUB-Z3	1" Water Pressure Reducing Valve - 50 PSI	WATTS	1	2
MW005-00	017-501601 - RT-3-15	Dairy/F&V Control Stat.	DANFOSS	1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MW005-00	017-501601 - RT-3-15	Dairy/F&V Control Stat.	DANFOSS	1	2
MW005-00	017-508301 - RT-11	Cold Store Control Stat.		1	3
MW005-00	018Z7512	Solenoid Valve Coil		1	2
MW005-00	032F0230	Valve Repair Kit		1	2
MW005-00	032F1156	Desuperheating Solenoid	DANFOSS	1	3
MW005-00	034L0022	Evap Pressure Regulator	DANFOSS	1	2
MW005-00	034L0029-KVP-15	Dairy/F&V Evap. Pressure Regulator		1	3
MW005-00	068-2010	ORF/CG Assembly EXP V		1	2
MW005-00	080SMDN	2 Pos. Selector Switch		1	2
MW005-00	1991+221	Compressor Heater		1	3
MW005-00	501321-001	Coil Face Heater		1	1
MW005-00	81-32-912 - 1373+275	PT-100 Cams Room Sensor	Fixair Inc.	1	3
MW005-00	KLP105LE-S2B	Evaporator Coil, Cold Room	Johnson Controls	1	2
MW005-00	KUCB41DED	Cold Room Evaporator	Sabroe Refrigeration A/S	1	2
RA001-00	12-35713-01	Kit Parts		1	3
RA001-00	250 VL 10A ABC10	Fuse 10A		6	27
RA001-00	29-26003-00	1.25A Fuse		8	48
RA001-00	30-34512-01	Kit Parts		1	3
RA001-00	90-10691-02	Kit Parts		2	10
RA001-00	EK-XCRAA-1G	Kit Parts Booklet		1	3
RA001-00	PCXAL-NA	PS/2 Keyboard		1	2
RA001-03	30-41869-02	Trackball T80P3-2B		1	3
RA001-06	PK-8221	PLOTTER PENS (PKG OF 4)		2	10
RA002-02	LK401-AA	KEYBOARD		2	8
RA003-00	MR-LUCQN-01	Ultrium Universal Cleaning Cartridge (50 cleanings)	Digital Equipment of Canada Ltd.	2	7
RS001-00	NAS1611-029	O-Ring (Connection Cable)		3	16
RS001-00	P400 B03-0	Fairing, TN400 Modified Nose	ODIM Spectrum Ltd	10	90
RS001-00	P400 B03-0	Fairing, TN400 Modified Nose	ODIM Spectrum Ltd	2	12
RS001-00	P400 B03-0	Fairing, TN400 Modified Nose	ODIM Spectrum Ltd	2	12
RS001-00	P400 B05-0	Fairing, TN400 Sleeves	ODIM Spectrum Ltd	40	840
RS001-00	P400 B05-0	Fairing, TN400 Sleeves	ODIM Spectrum Ltd	30	630
RS001-00	P400 B05-0	Fairing, TN400 Sleeves	ODIM Spectrum Ltd	30	630
RS001-00	P400 B06-0	Fairing, TN400 Link	ODIM Spectrum Ltd	30	430
RS001-00	P400 B06-0	Fairing, TN400 Link	ODIM Spectrum Ltd	20	320
RS001-00	P400 B06-0	Fairing, TN400 Link	ODIM Spectrum Ltd	20	320
RS001-00	P400 B08-1	Fairing, TN400 Modified Tail	ODIM Spectrum Ltd	10	90
RS001-00	P400 B08-1	Fairing, TN400 Modified Tail	ODIM Spectrum Ltd	2	12
RS001-00	P400 B08-1	Fairing, TN400 Modified Tail	ODIM Spectrum Ltd	2	12
RS001-00	P400 D02	Fairing, TN400 Nose	ODIM Spectrum Ltd	20	320
RS001-00	P400 D02	Fairing, TN400 Nose	ODIM Spectrum Ltd	20	320
RS001-00	P400 D02	Fairing, TN400 Nose	ODIM Spectrum Ltd	20	320
RS001-00	P400 D07-2	Fairing, TN400 Tail	ODIM Spectrum Ltd	20	320
RS001-00	P400 D07-2	Fairing, TN400 Tail	ODIM Spectrum Ltd	20	320
RS001-00	P400 D07-2	Fairing, TN400 Tail	ODIM Spectrum Ltd	20	320
RS001-00	SS34D	Fairing, TN400 Rivet		40	840
RS001-00	SS34D	Fairing, TN400 Rivet		30	630
RS001-00	SS34D	Fairing, TN400 Rivet		30	430
RS001-00	SS34D	Fairing, TN400 Rivet		20	220
RS001-02	8048785	Tow Point Assembly		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
RS001-02	8048786	Pin, Shear		8	43
RS001-02	8048786	Pin, Shear		2	12
RS001-02	8048786	Pin, Shear		2	12
RS001-05	8049045	Pinger Assembly		1	2
RS001-05	NAS1611-124	O-ring (Nitrile) 1.237 ID, Pinger	N026/USA(1) National Aerospace	1	5
RS001-05	NAS1611-132	O-ring (Nitrile) 1.737 ID, Pinger	N026/USA(1) National Aerospace	1	5
RS002-00	8049246	*Transformer Tray Assy		1	3
RS002-00	8049248	*Heater Tray Assembly		1	3
RS002-00	8049249	Sorenson Power Supply Mod.		1	2
RS002-00	8044551-126/176-0344-00	Slip Ring Assy		1	2
RS002-00	8044551-195	*Lamp, Incandescent, 6S6/120V sps		1	4
RS002-00	8044551-196	*Cap, Green		1	2
RS002-00	8044551-197	*Cap, White		1	2
RS002-00	8044551-356	*Fuse, 5A 500VDC		2	8
RS002-00	8044626-6	*Control Panel		1	3
RS002-00	8044626-9	*Panel, Sensor		1	3
RS002-03	403-1005-15	Level Wind Drive Assembly		1	3
RS002-03	FS85-12 RES-450MC (5.167:1)	Winch Brake/Gearbox		1	2
RS002-03	LRU-1005-22	Slew Drive Assembly	L3 Communications	1	2
RS002-03	LRU-1005-55	SLEW BRAKE ASSY	A046/USA(1) Allied Signal Inc.	1	2
RS002-03	PI63542	Charge Filter, Donaldson Duramax	A046/USA(1) Allied Signal Inc.	1	3
RS002-03	SCL-25-13-1	Slew Brake Caliper		1	2
RS002-04	515196	Reservoir Immersion Heater		1	2
RS002-04	25.510.3000 PSI. 1/4 NPT dual Scale	Auxiliary Pressure Gauge		1	3
RS002-04	25.510.5000 PSI. 1/4 NPT dual Scale	Port A Pressure Gauge		1	3
RS002-04	25.510.60 PSI. 1/4 NPT Dual Scale	Return Filter Pressure Gauge		1	3
RS002-04	25.510.600 PSI. 1/4 NPT dual Scale	Charge Pump Pressure Gauge		1	3
RS002-04	880485-2400	Hot Oil Flushing Valve		1	3
RS002-04	90R055 EA1 B8P 3S1 C00 35 35 24	HPU Closed Loop Pump		1	2
RS002-04	9675-3	HPU Pressure Switch, 235 - 3400 psi		1	3
RS002-04	A10VO28DR/31RPS C62N00	HPU Aux Pump		1	2
RS002-04	ASH-06-02	Slew Motors Shuttle Valve		1	3
RS002-04	CBCA-LAN-ECJ	Jib Boom Counterbalance Valve		1	3
RS002-04	CBEA-LAN-BQL	Slew Motors Counterbalance Valve		1	3
RS002-04	CKCB-LAN-ECJ	Pilot to Open Check Valve Main Boom Cylinder Manifold		1	3
RS002-04	CKCB-LAN-YEJ	Latch Cylinders Load Holding Valve		1	3
RS002-04	DF-S3A-00-HC-25S	Solenoid Valve		1	3
RS002-04	LRU-5001-01	Main Boom Hydraulic Cylinder		1	2
RS002-04	LRU-5001-01-With LDT	Main Boom Hydraulic Cylinder		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
RS002-04	LRU-5001-02	Jib Boom Hydraulic Cylinder		1	2
RS002-04	LRU-6003-20	Latch Assy, Port		1	2
RS002-04	LRU-6003-21	Latch Assy, Stbd		1	2
RS002-04	LRU-8005-05	Local Control Console (Hydraulic Controls)		1	2
RS002-04	MF250 SBC	Return Header Flow Control Valve		1	3
RS002-04	MF250B	Brake Flow Control Valve		1	3
RS002-04	P1-110D-D310B	Winch Hydraulic Motor		1	2
RS002-04	PPFB-LAN-BAJ	Jib Boom Pressure Reducing Relieving Valve		1	3
RS002-04	RSDC-OCN-ECI	Low Tension Sequence Valve		1	3
RS002-04	SV38-26-4T-N-24AG	Low Tension Solenoid Valve		1	3
RS002-04	ZDF-2215-00-1-00	Reservoir Return Filter		1	3
RS002-05	2764	Card Cage 4-Slot, Rear Mount		1	2
RS002-05	2784	Liquid Crystal Display 4 Lines x 40 Characters		1	2
RS002-05	3181	Analog to Digital Converter		1	2
RS002-05	3215	Interface Board for Liquid Crystal Display		1	2
RS002-05	3336	Parallel I/O Card 96 Channel		1	2
RS002-05	3584	Serial I/O Card 4 Channel		1	2
RS002-05	4715	CPU Card, Micro PC 5066-586 SSD1, 2MB		1	2
RS002-05	125-1131-104	Red Lens		1	3
RS002-05	125-1132-104	Green Lens		1	3
RS002-05	125-1133-104	Amber Lens		1	3
RS002-05	125-1310-11-103	Indicator Lamp for ML 1819 Lamp	Allied Signal Inc.	2	8
RS002-05	1TL1-3	Toggle Switch, Single Pole, Double Throw		1	3
RS002-05	1TL1-6	Toggle Switch, Spring Pole, Single Throw		1	3
RS002-05	1TL1-7	Toggle Switch, Momentary Single Pole, Double Throw		1	3
RS002-05	220861-002	Bracket set, series 2000 Sys. (for Line Data Display)		1	3
RS002-05	257B	Line Power Monitor (208-240V ac) with "Type D" Smart Socket (575V ac)		1	2
RS002-05	2TL1-3	Toggle Switch, Double Pole, Double Throw		1	3
RS002-05	2TL1-7	Toggle Switch, Spring to Centre, Double Pole, Double Throw		1	3
RS002-05	2TLI-70	Toggle Switch, Spring to Centre Double Pole, Triple Throw		1	3
RS002-05	310300000RBU0345	Position Sensor, 34.5" stroke		1	2
RS002-05	3105500000 RBU 0395	Position Sensor (Main Boom Cylinder) 39.5" Stroke		1	2
RS002-05	3705 50 RBU 0300 30.5 IN Stroke	Position Sensor (Accumulator)		1	3
RS002-05	3705 50 RBU 0395	Position Sensor (Accumulator)		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
RS002-05	3AG-1A	Fuse 1A, 250V, FB, 1/4 x 1 1/4", glass tube		2	8
RS002-05	3AGC-4	Fuse, 4amp, 250v	Buss Fuses	2	7
RS002-05	430-115	Signal Conditioner/Bridge Sensor (Tension)		1	3
RS002-05	52AABA	Protective Boot	Furnas	1	3
RS002-05	52PA8, 52BAK, 52AABA	Pushbutton Operator Normally Open Contacts with Clear Protective Boot		1	5
RS002-05	6186K178 (A75)	Drive Belt, Gas reclamation pump		1	3
RS002-05	AOVHM-15	Heat Exchange Assembly, 300psi, 350 degree F	Thermal Transfer Products	1	2
RS002-05	CA7-12-10	Relay Contactor, 24v, 50/60		1	2
RS002-05	CAT3-12-24-12.5-NO	Motor Starter 10 HP		1	3
RS002-05	CAT3-37-24-42-NO-L11	Magnetic Motor Starter 30 HP, 3 Phase 575 Vac		1	2
RS002-05	CBM 15.6	± 15V dc Power Supply 600mA		1	3
RS002-05	CBM 24.1	24V dc Power Supply 100mA		1	3
RS002-05	CM 122.5	+12V dc Power Supply 2500mA	AAK Corporation	1	5
RS002-05	D4A-1101N	Limit Switch, with Operating Lever	Omron	1	3
RS002-05	EUAC600	3 Phase Controller	JENTRONICS LTD.	1	2
RS002-05	G4 OAC5	Digital AC Output Module		1	2
RS002-05	G60044	Shock Absorber		1	3
RS002-05	GCM-232	Serial Data Converter		1	3
RS002-05	GCM-422	Serial Data Converter		1	3
RS002-05	HSW 10K	Load Cell, 10K with Load Button (LP1)		1	2
RS002-05	IC457AF	OPTO Isolator Converter RS232 to 422 Serial Driver		1	3
RS002-05	K00635	Rubber Boot, for MCH Control Handle	Sundstrand	1	2
RS002-05	KE08101	Voltage to Current Driver ± 10V Ramped Driver Board		1	3
RS002-05	KHA6-0T1-EX1	Amplifiers (For Slew Count)		1	3
RS002-05	KTKR-10A	Class CC Fuse 10 Amp		2	8
RS002-05	KTKR-15A	Class CC Fuse 15 Amp		2	8
RS002-05	KTKR-1A	Fuse 1A, 600V, FB, 10 x 38mm, Melamine tube		2	13
RS002-05	KTKR-3A	Class CC Fuse 3 Amp		2	8
RS002-05	KTKR-5A	Class CC Fuse 5 Amp		2	8
RS002-05	LGS 0001	Slew Count with Quadrature Input		1	3
RS002-05	LM2-1A-0003-ZZZZ	Line Data Display with RS485 Aux. Com.		1	2
RS002-05	M4104T5M13AM22 A	HPU Electric Motor		1	2
RS002-05	MCH51AB-1174	Electrical Control Handle		1	2
RS002-05	NJ-4-12GK-SN	Proximity Sensor 4mm Sensing Range (ZX1, ZX2)		1	3
RS002-05	NJ-8-18GK-SN	Proximity Sensor 4mm Sensing Range (ZX3, ZX4)		1	3
RS002-05	NTE5322	Rectifier		1	3
RS002-05	NWS 1205	12V to 5V DC to DC Convertor		1	2
RS002-05	RH2B-UL-AC24V	Relay 24V ac, 2 Pole		1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
RS002-07	520N-8	520N-8 (10655-8-8) 3500 PSI		1	2
RS002-07	891.24.540	Pressure Transducer 0-3000 PSI		2	9
RS002-07	CGA 580	Adapter, High Pressure Gas Cylinder		2	12
RS002-07	DYN3000	Pressure Gauge		1	3
RS002-07	LRU05001-11-1	Gas Reclamation Valve Assy	L3 Communications	1	2
RS002-07	LRU-5001-11	Gas Reclamation Pump Assy		1	2
RS002-07	SS-4R3A5-F	Relief Valve - 1/4 Turn Ball Valve		1	3
RS002-07	SS-4R3A5-F	Relief Valve - 1/4 Turn Ball Valve		1	3
RS002-07	SS-65TF12	1/4 Turn Ball Valve		1	3
RS002-07	SS-MD-4	Vent Protector		1	3
RS002-07	SS-MD-4	Vent Protector		1	3
RS002-07	SV431T32P8P43E	Solenoid Valve		1	2
RS002-07	Tags	I.D. Tags for Gas Bottles, 116 thru 119, 132 thru 137		2	12
SM001-05	4-WAY	Connector, 4-way (Multiplane Kite Rigged as Depressor)		1	3
SM001-08	5/8 4.250P	Wedge Stop Insert, 5/8" bronze	Oceanside	8	57
SM001-08	6375299-1	Wedge Stop, Double Helix 5/8" 7x7		2	12
SM001-09	1464319	Shearing Coupling 16,000 lbs		1	1
SM001-12	3286175	Kit, Expandable Cutter Parts, Mark 14		3	15
SM001-12	3286189	Cutter Body Assembly Mk14 Mod 0		8	40
SM001-12	6375431	Fin Elevating Quadruple Mk-14 Assembly		6	26
SM001-12	6375438	Insert		6	26
SM001-13	1207908	CUTTER ASSEMBLY Mk9		1	2
SM001-13	5781341-1	Blade, Cutter (Left Hand)		1	4
SM001-13	5781341-2	Blade, Cutter (Right Hand)		1	4
SM001-14	3210746	Firing Plunger Assembly		1	3
SM001-14	3297829	Kit, Expendable Parts, MK12	Commonwealth Trading Co.	1	5
SM001-14	6375432	Elevating Fin Assembly, Quadruple Mounting, Mk-12 (5/8 Sweep Wire)		3	12
SM001-14	6375434	Insert		2	13
SM001-15	3300189	Cutter, Minesweeping Mk15, Mod 0		2	7
SM001-15	3300194	Punch, Cutting		1	4
SM001-16	3300212-2	Kit, Expendable Parts		1	5
SM002-00	6CC3S	Fuse 3A		2	11
SM002-00	6CC4S	Fuse 4A		4	19
SM002-00	6CCO.5S	Fuse 1/2A		3	15
SM002-00	7017D657-1	Actuator, Clutch		1	2
SM002-00	7017D841-1	Motor, Gear, Hydraulic		1	2
SM002-00	GC-00165F-162W2	Dryer element		1	4
SM002-00	V3041B2C05	Filter Element		2	10
SM002-01	6901765-1	Spring, Brake		1	2
SM002-01	7017D754-1	Brake Actuator Assembly		1	1

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
SM002-01	7017D897-1	Actuator, Brake		1	2
SM002-01	7017E757-1	Passive Band Assembly		1	2
SM002-01	7017E757-3	Active Band Assembly		1	3
SM002-02	6901952-1	Pin		1	2
SM002-02	6901956-1	Pin		1	2
SM002-02	6901956-3	Pin		1	2
SM002-03	7017D658-1	Slipper, Clutch		1	1
SM002-03	7017D747-1	Switch, Limit		1	2
SM002-03	7017D962-1	Bracket, Switch		1	2
SM002-03	7017E606-1	Clutch Assembly		1	1
SM002-03	7017E656-1	Fork, Clutch		1	2
SM002-04	7017C819-1	Follower Assembly		1	2
SM002-04	7017C884-1	Holder		1	2
SM002-04	7017C885-1	Follower		1	2
SM002-04	7017C932-1	Bushing, Lower, Roller		1	3
SM002-04	7017C933-1	Bushing, Upper, Roller		1	3
SM002-04	7017D806-1	Shaft, Roller		1	2
SM002-04	7017D818-1	Roller		1	3
SM002-04	7017D845-1	Gearbox, Right Angle (VID)		1	2
SM002-04	7017D847-1	Gearbox, Worm Drive (VID)		1	2
SM002-04	7017E812-1	Leadscrew		1	2
SM002-05	15784	Switch, Pressure		1	2
SM002-05	915-8D-27	Hand Pump Hydraulic		1	1
SM002-05	DSV4-16-C-0-80	Cartridges		1	3
SM002-05	RV5-10-C-0-3	Cartridges		1	3
SM002-05	SV4-10-3-0-115AG	Solenoid Valve		1	2
SM002-05	V3041B2C10	Filter Element	Vickers	1	5
SM002-06	7017D673-1	Analog PCB Assy		1	1
SM002-06	7017D674-1	Printed Circuit Board Logic		1	1
SM002-06	7017D854-1	Sensor, Temperature		1	2
SM002-06	7017D854-3	Sensor, Temperature		1	2
SM002-06	7017D886-1	Valve, Ball		1	2
SM002-06	CXF325P2517Y	Heater		1	2
SM002-06	GC-00165F-162W2	Dryer Element		1	2
SM002-07	8607	Switch, Pressure Pump		1	2
SM002-07	24417	Coil Sub Assembly		1	2
SM002-07	1E2631	Cooler, Oil		1	2
SM002-07	6335C104-1	Elapse Time Meter		1	2
SM002-07	665-2-3/4-D2	Valve, Check		1	2
SM002-07	7017D858-1	Pump, Gear Hydraulic		1	2
SM002-07	7017D922-1	Valve, Shuttle, Hot Oil		1	2
SM002-07	9001-SKP6W6	Lamp, White		4	19
SM002-07	C1000K4C	Transformer		1	2
SM002-07	CK0500E4CFB	Transformer		1	2
SM002-07	CN15BN3AB	Contactora K3, Size 0, 3 pole		1	2
SM002-07	CO150E4WFB	Transformer		1	2
SM002-07	CV1-10-P-0-5	Valve Check		2	10
SM002-07	DG17V-3-0-N	Operation, Manual, Valve		1	3
SM002-07	DPS2-10-V-F-0-40	Valve Differential Pressure Sensing	Vickers	1	2
SM002-07	M16878/4BHE9	Wire	JHT Electronics	20	220
SM002-07	NV1-10-K-0	Valve, Needle		1	2
SM002-07	NV1-10-R-0	Valve, Needle		1	2
SM002-07	PUV3-10-C-0-85-30/25	Valve, Pump Unloading	Eaton Hydraulics/Hawboldt	2	8
SM002-07	PUV3-10C09030/28	Valve, Pump Unloading		1	2
SM002-07	RV3-10-1-0-3/1	Valve, Relief		1	2
SM002-07	RV3-10-F-0-36/30	Valve, Relief		2	11

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
SM002-07	RV3-10V-S-0-3/	Valve, Relief	Vickers/Hawboldt	2	8
SM002-07	SV4-10-3-0-00	Valve, Solenoid		2	8
SM002-07	SV4-3556-0	Valve, Solenoid		1	3
SM002-07	VF1-10-F-0-1.0	Valve, Velocity Fuse		1	2
SM002-08	8918	Bulb, 14 VDC		10	90
SM002-08	2033-3403-04	Meter, Digital Panel		1	2
SM002-08	6345B100-1	Switch, Pushbutton		1	3
SM002-08	6345C130-1	Transformer, Variable		1	2
SM002-08	6542C132-1	Surge Suppressor, D1		1	2
SM002-08	7017C094-1	Board, Terminal		1	3
SM002-08	7017D677-1	Switch, Pushbutton (START)		1	3
SM002-08	7017D677-3	Switch, Pushbutton (STOP)		1	3
SM002-08	7017D874-1	CONTROL MOUNTING PANEL ASSEMBLY		1	2
SM002-08	7017D876-1	Panel, Incandescent Control		1	2
SM002-08	CCD100N-055	Switch, Temperature S3		1	2
SM002-08	JM3851D/10706BY A	Regulator, +5 V (LM 109)		2	9
SM002-08	LC35CN2	Lens Cap, Clear		2	12
SM002-08	LC35GN2	Lens Cap, Green		2	12
SM002-08	LC35RN2	Lens Cap, Red		2	12
SM002-08	LC35YN2	Lens Cap, Amber		2	12
SM002-08	LLV15AE0.5	Power Supply, ± 15 VDC, PS2		1	2
SM002-08	LV28AE3.15	Power Supply, 28 VDC, PS2		1	2
SM002-08	M15733/26-0024	Filter, Subminiature		1	2
SM002-08	M3786/4-0033L	Switch, Selector		2	9
SM002-08	M39003/01-2552	Capacitor, 47µF 35 VDC		2	7
SM002-08	M39014/02-1276	Capacitor, 0.22µF 50 VDC		4	19
SM002-08	M83536/2-024M	Relay		1	2
SM002-08	M83536/26/002L	Relay, 6PDT, 10 Amp	Kayaba Ind Co. Ltd.	1	2
SM002-08	MS16106-5	Switch, Door Interlock		1	2
SM002-08	MS24523-23	Switch, Toggle		1	3
SM002-08	MS35338-137	Washer, Spring Lock		2	12
SM002-08	MS90335C-6	Receptacle, Centre Contact		1	3
SM002-08	RLR07C1002FS	Resistor, 10kohms 1/4W 1% (R15, R19, R24, R29, R34, R36, R39, R41, R43, R46)		2	12
SM002-08	RLR07C1021FS	Resistor, 1.02K 1/4 W 1%		2	11
SM002-08	RLR07C909FS	Resistor, 90.9kohms 1/4W 1% (R33)		2	12
SM002-09	326004	Fuse 4A, 250V (F9, F12)		4	19
SM002-09	326007	Fuse, 7A, 250V (F6), Spare		4	19
SM002-09	10935-H6	Button, RESET (S1)		1	2
SM002-09	3833-2	Holder, Fuse, Spare (F1, F5)		1	3
SM002-09	3835-5	Holder, Fuse, Spare (F6)		1	3
SM002-09	5200-11	Holder, Fuse (F6)		1	3
SM002-09	5600-12	Holder, Fuse (F1-F5)		1	3
SM002-09	9001-KM6	Light Module Heavy Duty		4	18
SM002-09	9001-SKP	Standard Pilot Light (without light module or lens)		4	18
SM002-09	9001-SKP1	Standard Pilot Light Without Lens		4	18
SM002-09	9001-SKP1A6	Lamp, Amber		4	19
SM002-09	AN16SNOB	Contact (K1)		1	1
SM002-09	C320AS1	Suppressor, Transient (K1)		1	2
SM002-09	C320TS1	Suppressor, Transient (K3)		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
SM002-09	CCD101N-045	Switch, Temp		1	2
SM002-09	H2007B-3	Heat Pack, Overload (K2)		1	2
SM002-09	M6106/19-004	Relay (K4)		1	2
SM002-09	MS25036-102	Terminal, Lug		6	26
SM003-00	12-6080	Magnets, Sleeved		2	10
SM003-00	12-60750	Tension Link		1	3
SM003-00	12-60764	Card, Signal Cond.		1	1
SM003-00	12-60776	Window		1	2
SM003-00	12-60783	AC Power Cable		1	2
SM003-00	12-60787	Depth Sensor Cable		1	2
SM003-00	12-60789	Cable Tension Link	SEAMETRIX LTD.	1	2
SM003-00	12-60834	Window		1	2
SM003-00	12-60838-01	Power Supply PCBA		1	2
SM003-00	12-60838-02	Power Supply PCBA		1	2
SM003-00	12-60839	Liquid Crystal Display Assy	Component Marketing	1	4
SM003-00	313-001	Fuse, 1A, 250V, SB, 3AG, 1/4 x 1 1/4"		4	18
SM003-00	32-341	Seal, Panel		1	3
SM003-00	485ADPT	PCBA, Converter		1	2
SM003-00	4A22-I	Card, A/D		1	1
SM003-00	4C221	Card, CPU		1	2
SM003-00	4I26-I	Card, I/OI		1	2
SM003-00	4I30I	Card, Quad, Decoder		1	1
SM003-00	557-1201-203	Power Indicator		1	3
SM003-00	59-111	Switch, Pushbutton		1	3
SM003-00	7017A171-7	Scope Sensor Assembly (Cable)		1	2
SM003-00	8530K2	Switch, Toggle, Momentary		1	3
SM003-00	8531K4	On/Off Switch		1	3
SM004-00	1N5616	Diode		6	26
SM004-00	7017D006-1	Panel, Control Mounting, Remote		1	2
SM004-00	7017D007-1	Panel, Incandescent Remote Control		1	2
SM004-00	7017D873-1	Display Mounting Panel Assembly		1	2
SM004-00	7017D875-1	Panel, Incandescent Display		1	2
SM004-00	G001258	Form A Gasket		1	4
SM004-00	M5423/09-08	Seal Rotary Shaft		1	2
SM005-00	1336	Switch, Disconnect		1	2
SM005-00	5636	Switch, Disconnect		1	2
SM005-00	101043-14D	Weatherstrip, Adhesive		6	31
SM005-00	101043-14D	Weatherstrip, Adhesive		3	16
SM005-00	843A-125RS	Connector, Electrical, 115 VAC, 1Ph, 60Hz (3 KVA)		1	2
SM005-00	BQL115	CCT Breaker, 15A		1	3
SM005-00	BQL3100	CCT Breaker, 100A		1	2
SM005-00	NRS10	Fuse		6	31
SM005-00	NRS30	Fuse		2	12
SM005-00	P1210-2G	Chain Check		1	2
SM005-00	T3-74	Pole Splitter		1	2
SM006-00	04-2263-08-60	Motor Hydraulic		1	1
SM006-00	04-2263-08-60A	Console, Control		1	1
SM006-00	04-2263-08-76	Strap, Ground		1	3
SM006-00	04-2263-11-66	Hot Oil Shuttle Assembly		1	2
SM006-00	04-2263-6A-31	Brake Lock Assembly		1	2
SM006-00	08-2269-04-45	Cover, Top		1	2
SM006-00	08-2269-04-46	Screen, Side		1	2
SM006-00	08-2269-04-49	Screen, Rear		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
SM006-00	08-2269-05-41	Manifold Assembly		1	2
SM006-00	08-2269-05-55	Coupling Flex Assembly		1	2
SM006-00	08-2269-05-58	Cooler, Oil		1	2
SM006-00	1481DJN410	Door Gasket		1	3
SM006-00	83-24-260-3	Power Supply CCA		1	2
SM006-00	A10VG18EP2M1	Hydraulic Pump	Hawboldt Industries Ltd	1	1
SM006-00	AJT30	Fuse 30A, 600V, SB, 21 x 57mm, Fiberglass body		4	19
SM006-00	GDC-2.5A	Fuse 2.5A, T/250volts		2	12
SM006-00	GDC4	Fuse 4A, 250V, TD, 5 x 20mm, Glass Tube		2	12
SM006-00	LB/CV101	Master Switch		1	3
SM006-00	LC1 D1210	Starter		1	2
SM006-00	M120-63	Joystick		1	2
SM006-00	MDSD-2X/2	Solenoid Drive PCB		1	1
SM006-00	OTM-10	Fuse 10A		4	18
SM006-00	OTM-3	Fuse 3A		4	18
SM006-00	RR3B-U AC 120	Control Relay		1	3
SM006-00	VT-2013-1X1E	Prop. Amplifier Driver		1	2
SM006-00	ZA2 BD2	Selector Switch		1	3
SM006-00	ZA2 BV3	Heat Indicator		2	8
SM006-00	ZB2 BE 102	Heater Switch		1	3
SM007-00	10250T1	Contact Block, for On/Off Switch A-120714	WESCO Distribution - Canada Inc	1	3
SM007-00	430BP-125	heater Plug, 30AMP, 125V	ARVA Industries Inc.	1	2
SM007-00	6009BP-125	Pauluhn Receptacle, 30 amp, 125 v	ARVA Industries Inc.	1	2
SM007-00	A-100421H	Bolt, Hex. 1/2 NC		10	70
SM007-00	A-110879	Motor, Hydraulic		1	1
SM007-00	A-111049	Cylinder, Boom Extension		1	2
SM007-00	A-111049	Boom Extension Cylinder		1	1
SM007-00	A-111052	Swivel, 10 Ports	ARVA Industries Inc.	1	3
SM007-00	A-111053	Pump, Hydraulic		1	1
SM007-00	A-111054	Valve, Control		1	2
SM007-00	A-111056	Valve, Counterbalance		1	3
SM007-00	A-111062	Check Valve		1	3
SM007-00	A-111065	Assembly, Valve		1	2
SM007-00	A-111066	Valve, Sequence		1	3
SM007-00	A-111082	Gauge, Pressure		1	3
SM007-00	A-111085	Assembly, Cylinder		1	2
SM007-00	A-111088	Assembly, Shuttle Valve		1	3
SM007-00	A-111137	Valve, Shuttle		1	2
SM007-00	A-111143	Return Filter Element		2	12
SM007-00	A-111146	Gasket		1	4
SM007-00	A-111155	Assembly, Pilot Valve		1	3
SM007-00	A-111156	Assembly, Pilot Valve		1	3
SM007-00	A-111161	Counter Balance Valve		2	7
SM007-00	A-120676	Assembly, Box		1	2
SM007-00	A-120678	Heater		1	2
SM007-00	A-120685	Fuse		2	12
SM007-00	A-120694	Fuse, 25 Amp 600V		3	15
SM007-00	A-120705	Switch, Disconnect		1	3
SM007-00	A-120706	Transformer, Control		1	3
SM007-00	A-120707	Relay, Motor Controller		1	2
SM007-00	A-120708	Light, White Power On		2	9
SM007-00	A-120709	Light, Green Run		1	3
SM007-00	A-120710	Light, Red Off		1	2
SM007-00	A-120711	Pushbutton, Green Start		1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
SM007-00	A-120712	Pushbutton, Red Stop		1	4
SM007-00	A-120714	Switch, On/Off		1	3
SM007-00	A-120716	Fuse 3A		2	12
SM007-00	A-120843	Bulbs		8	38
SM007-00	A-121289	Solenoid Valve, 12vdc	ARVA Industries Inc.	2	7
SM007-00	A-14419	Pad, Wear		2	10
SM007-00	A-14420	Pad, Wear		4	20
SM007-00	A-14422	Pad, Wear		4	20
SM007-00	A-150662	Latch, Heavy Duty		1	3
SM007-00	A-154973	Assembly, Wear Pad		4	20
SM007-00	A-155005	Coupling M300 10008 1 X 1/4 (2ea) 1 5/8 X 3/8 (2ea)	Magnaloy Coupling Co.	1	3
SM007-00	A-155037	Assembly, Snatch Block		1	1
SM007-00	A-155038	Assembly, Winch		1	2
SM007-00	A-155096	Sponge, Self Sealing Rubber		1	3
SM007-00	A-155106	Assembly, Adapter Motor/Pump		1	2
SM007-00	A-155118	Latch		1	3
SM007-00	A-155118	Latch		1	2
SM007-00	A-155119	Channel, Rubber		2	7
SM007-00	A-155147	Assembly, Cable c/w Weight	ARVA Industries Inc.	1	5
SM007-00	A-155148	Hook, Swivel		1	3
SM007-00	A-155149	Cable		1	5
SM007-00	A-156570	Filler/Breather Ext.		2	8
SM007-00	A-16857	Gauge, Pressure		1	5
SM007-00	A-17741	Strainer, Suction		1	5
SM007-00	A-18573	Filter/Breather		2	7
SM007-00	A-21134	Valve, Pilot Check		1	2
SM007-00	A-21134	Valve, Pilot Check		1	2
SM007-00	ADAPTER PLATE	MMS - Adapter Plate	CME Specialty Coatings	1	1
SM007-00	BELLY PACK	REMOTE CONTROL	A. G. WHITE	1	2
SM007-00	CRANE BASE	MMS CRANE BASE	CME	1	1
SM007-00	INX3043	Receptacle Plug 30A, 115V, (for Heater)	ARVA Industries Inc.	1	4
SM007-00	J-00007	Fitting, Grease		6	26
SM007-00	Magnaloy 370	Flex Coupling Insert (for A-155005)	ARVA Industries Inc.	2	8
SM008-00	99564	Cable, IL-6-FS in-line 6 pin female + D-LS-B-F locking sleeve female		1	2
SM008-00	1961-B	Fitting, Lub Str 1/8		8	50
SM008-00	7017C066-1	Roller		1	3
SM008-00	7017C066-3	Roller		1	3
SM008-00	7017C066-5	Roller		1	3
SM008-00	7017C066-7	Roller		1	3
SM008-00	7017C067-1	Bushing		2	8
SM008-00	7017C067-3	Bushing		1	5
SM008-00	7017E012-SHIMS	Shims Stainless Steel		1	5
SM008-00	7017E080-1	Sheave, Turnaround		1	3
ST003-00	003880062	Combi Degreaser (25L)	Consumable Catalogue	1	4
ST004-00	1112	Spill Pallet P4, 66 Gallon Capacity, (250 litres)	Consumable Catalogue	1	2
ST004-00	0203797199 (West Coast: See Alt P/N)	Oil Sample Container	ATLANTIC CAT	20	291
ST004-00	2221-1205AC	Blue Box Container (AP-37990)	Advanced Packaging Inc	6	33
ST004-00	2221-1205AC	Blue Box Container (AP-37990)	Advanced Packaging Inc	3	16

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ST004-00	5253-YE	Poly-Spill Pallet 2000, 58 gal. cap., 53.9"x29"x17"	Enpac Corp. Eastlake Ohio 44095	1	2
ST004-00	GL250A/PC	Water Sample Bottle - 250ml Amber Boston Round	SEATECH	2	10
ST005-00	F174-BLU	Portable Exhaust Fan 115v, 4.7amp, 60hz	Consumable Catalogue	1	2
ST005-00	F351	Portable Exhaust Fan 115v, 4.0amp, 60hz	Consumable Catalogue	1	4
ST005-00	H1990L	Portable Exhaust Fan 120V, 8 amp, 60hz	Consumable Catalogue	2	6
ST005-00	PAS600	Portable Exhaust Fan 120V, 12 amp, 60 Hertz	Consumable Catalogue	1	1
ST007-00	16202SC40 p/n FLG10384	16x20x2 Pleated Filters	FILTRATION PLUS	8	50
ST007-00	16252SC40 p/n FLG10386	16x25x2 Pleated Filters	Filtration Plus Limited	10	84
ST007-00	20201SC40 p/n FLG10375	20x20x1 Pleated Filters (MAC 1 Unit)	Filtration Plus Limited	10	85
ST007-00	G2F-FK-355	MAXI G2 Filter Elements for Portable Flushing Unit	Wentzell Industrial Sales Agency	10	70
ST008-00	AJT10	Fuse 10A, 600V, Class J, Time Delay, 21 x 57mm	Gould Shawmut	3	15
ST008-00	L094655	Fuse 6A, 690V, gG, 22 x 58mm		1	5
ST008-00	OT30	Fuse, 30A, 250V, Class K5, 14 x 51mm	Gould Shawmut	10	62
ST009-00	WM225	Workmate	Consumable Catalogue	1	2
ST010-00	64111	Osram 12 Halogen Lamps	WINDWARD ENTERPRISES	1	3
ST010-00	AS-9040048700	Lamp, Tungsten Halogen, 28V, 200W, Liferaft Station	Jastram Technologies Ltd.	2	12
ST010-00	AS-9840104800	Lamp, R7s Halogen 24V, 200W, 60mm	Jastram Technologie Ltd.	1	5
ST010-00	F7BX/827/ECO	Fluorescent Bulb, 2 Pin, 7W, Biax	General Electric	6	29
ST010-00	F8T5CW	Fluorescent Lamp	Albrite Lighting Ltd	10	60
ST010-00	J130V500W	Halogen 500w 130v Lamp 4.5 inch	Iwasaki	2	10
ST011-00	LGMT 3/0.4	Grease SKF (for Motor & DA Bearings)	SKF Canada Limited	2	9
ST013-00	51980	FENDER, SOFTLITE, 24"x33", BLACK	Spartan Industrial Marine	1	4
ST013-00	3 INCH X 50 FT FUEL HOSE	3" X 50" FUEL HOSE, 100 PSI	Consumable Catalogue	1	2
ST013-00	87-6TUFNOLSB	TUFNOL 6" SNATCH BLOCK	OCEANSIDE EQUIPMENT	6	22
ST013-00	F-10W	BUOY FENDER WHITE CLASSIC - F SERIES	Polyform Buoys & Fenders	3	15
ST013-00	Flag G	Anchor Flag, Green	Flag Emporium	1	2
ST013-00	Flag R	Anchor Flag, Red	Flag Emporium	1	2
ST015-00	9500	Printer Paper - Tractor Feed	GRAND & TOY	2	11
ST016-00	Q12 Defender - 400'	1 1/8" x 400" Mooring Hawser c/w 4' Eye each end	SAMSON	3	12
ST016-00	RA05180MQS	TOWING HAWSER - 180 Metres with Nylite Connectors	SAMSON	1	1
ST018-00	WPA100H	Absorbent Pad (Oil Only) 17" x 19" (Bag of 100 pads)	Hi Point Industries (1991) Ltd.	3	15
ST019-00	00112	O Ring Splicing Kit	Consumable Catalogue	1	2
ST019-00	0340	Pelican Case (Breakers)	Consumable Catalogue	1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ST019-00	1620	Pelican Travel Case Model 1620	Consumable Catalogue	1	5
ST019-00	1780	Pelican Travel Case Model 1780	Consumable Catalogue	1	2
ST019-00	24231	Loctite 242 Threadlocker 50ml	Consumable Catalogue	1	3
ST019-00	51831	518 Sealant - LOCTITE	Consumable Catalogue	2	7
ST019-00	56161	Set of Std Wrenches "T" Handle Style (order Alt#)	Consumable Catalogue	1	3
ST019-00	62723	Hacksaw Blades 18TPI	Consumable Catalogue	1	3
ST019-00	62749	Hacksaw Blades 24 TPI	Consumable Catalogue	1	3
ST019-00	62776	Hacksaw Blades 32 TPI	Consumable Catalogue	1	4
ST019-00	80429	3/8" Socket Dr x 8mm Allen Socket	Consumable Catalogue	1	5
ST019-00	80812	1/2" Dr 27mm Socket	Consumable Catalogue	1	2
ST019-00	81101	1/4" Drive x 3" Extension	Consumable Catalogue	1	2
ST019-00	81127	1/4" F - 3/8" M Adapter	Consumable Catalogue	1	2
ST019-00	81240	3/8" Drive x 2" Extension	Consumable Catalogue	1	3
ST019-00	81242	3/8" Dr x 6" Extension	Consumable Catalogue	1	4
ST019-00	81243	3/8" Dr x 10" Extension	Consumable Catalogue	1	2
ST019-00	81277	3/8" F - 1/4" M Adapter	Consumable Catalogue	1	2
ST019-00	81278	3/8" F - 1/2" M Adapter	Consumable Catalogue	1	2
ST019-00	81342	1/2" Dr x 10" Extensions	Consumable Catalogue	1	2
ST019-00	81354	1/2" F - 3/8" M Adapter	Consumable Catalogue	1	5
ST019-00	81355	1/2" F - 3/4" M Adapter	Consumable Catalogue	1	2
ST019-00	81621	3/8" Dr x 17mm Crows Foot Wrench	Consumable Catalogue	1	4
ST019-00	81916	Wrench Set 6mm - 32mm	Consumable Catalogue	2	8
ST019-00	82002	Needle Nose Pliers	Consumable Catalogue	1	3
ST019-00	82046	Ultra Copper	Consumable Catalogue	1	5
ST019-00	82251	10oz Ball Peen Hammer	Consumable Catalogue	1	4
ST019-00	82256	Dead Blow Hammer 16oz	Consumable Catalogue	1	3
ST019-00	684186	3 3/8" Socket or 86mm 6Pt Socket	Consumable Catalogue	1	4
ST019-00	1329467	243 Loctite (50ml)	Consumable Catalogue	1	4
ST019-00	1527514	Loctite 5113 Thread Sealant	LOCTITE	5	23
ST019-00	12-921	1/2" Dr x 2" Extension	Consumable Catalogue	1	5
ST019-00	12-923A	1/2" Dr x 6" Extension	Consumable Catalogue	1	2
ST019-00	13-952	3/4" F - 1" M Adapter	Consumable Catalogue	1	5
ST019-00	14-951	1" F - 3/4" M Adapter	Consumable Catalogue	2	9
ST019-00	161D	Gaping Tool Metric & Standard	Consumable Catalogue	2	7
ST019-00	22024NN	Standard File Set	Consumable Catalogue	1	3
ST019-00	3120-001	In-Line Flow Meter	National Energy Equipment Inc.	1	2
ST019-00	44-330/80560	Set of 3/8" Dr Sockets	Consumable Catalogue	2	8
ST019-00	535 MCM	Load Bank Cable, 100ft, 2KVA, ST1FT-4, RHW-2, 1000V		3	12
ST019-00	70-519	15" Rolling Head Pry Bar	Consumable Catalogue	1	2
ST019-00	70-562	Chisel Set 7pc	Consumable Catalogue	1	4
ST019-00	73-024	24" Pipe Wrench	Consumable Catalogue	1	3
ST019-00	80814D	1/2" Dr 32mm Socket	Consumable Catalogue	1	2
ST019-00	80951/80956	Hacksaw	Consumable Catalogue	1	2
ST019-00	AC212VS	12" Adjustable Wrench	Consumable Catalogue	1	3
ST019-00	AC224VS	24" Adjustable	Consumable Catalogue	1	2
ST019-00	AC26VS	6" Adjustable Wrench	Consumable Catalogue	1	3
ST019-00	C10CV	10" Vice Grips	Consumable Catalogue	1	3
ST019-00	C5CV	5" Vice Grips	Consumable Catalogue	1	4
ST019-00	DOW55	ORing Grease 5.3oz	Consumable Catalogue	2	7

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ST019-00	EI046-58	Female Connector Red	DURALINE	2	8
ST019-00	EI046-9	Male Connector Red	DURALINE	2	7
ST019-00	EI047-12	Male Connector White	DURALINE	2	7
ST019-00	EI047-61	Female Connector White	DURALINE	2	8
ST019-00	EI048-56	Female Connector Black	DURALINE	2	8
ST019-00	EI048-7	Male Connector Black	DURALINE	2	7
ST019-00	FW1/4x5/16	Fridge Wrench	Consumable Catalogue	1	3
ST019-00	LOAD BANK	LOAD BANK TEST TRAILER	SNC-LAVALIN	1	1
ST019-00	MH-22	Hydrometer - Battery Tester	Maritime Battery	1	5
ST019-00	NSBT-16	Never Seize	Consumable Catalogue	2	7
ST019-00	PD001	Pressure Door (CCR air pressure dam)	Consumable Catalogue	1	2
ST019-00	Silkolene	762 High Temp Silkolene	Consumable Catalogue	1	4
ST019-00	STAND3021	Accom. Pod/ Container Stand 31" x 21"	Consumable Catalogue	1	5
ST019-00	STAND4721	Accom. Pod/ Container Stand, 47" x 21"	Consumable Catalogue	1	2
ST019-00	SVT	Shradder V.V. Tool	Consumable Catalogue	1	4
ST019-00	Tool Box 1	Tool Box 1	Consumable Catalogue	1	1
ST019-00	Tool Box 2	Tool Box 2	Consumable Catalogue	1	1
ST019-00	Tool Box 3	Tool Box 3	Consumable Catalogue	1	1
ST019-00	Tool Box 4	Tool Box 4	Consumable Catalogue	1	1
WS003-00	86693	5/8" Mag Mount for GA830	RSSLE Payload, Mustow Water	1	3
WS003-00	44830-00	GA-830 Antenna GNSS/MSS(Global)/ Beacon	MacKay Marine Canada (CMC Electronics)	1	2

Annex E1 West - Sparing Levels

The following table is a snapshot as of May 2019 and can change depending upon the operational needs of the RCN.

1. KINGSTON Class Sparing Levels – Warehouse (West - complete)

- 1.1 The following complete West Coast warehouse listing was created from the current ISS MCDV Management Information System (SCPM – MCDV3E)
- 1.2 There are 4,354 parts listed for SNC-Lavalin West.

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
	#7	Sailmakers Twine (Brown Wax Polyester)	P029/CDN(1) Paynes Marine Supply	1	3
	8533-896	Seamach Coleman Roof Mounted Air Conditioner Kit	Seamach Coleman	1	1
	F025/841	G13 Lamp (for 36 Watt Fluorescent Fixtures)	00P219 PROJECT PRICING	10	30
	K08A00B-1GA	Tandemloc	TROTAC Marine Ltd	3	12
EA001-00		UD23 Exciter Fastener	TROY ELECTRIC	40	149
EA001-00	1416 Frame	Light Weight Air Inlet Frame, 14 x 16" Inside measurement	Larsen Contracting Services	3	15
EA001-00	207214	"O" Ring for CMD Coupling	Troy Electric Sales Service Ltd.	2	11
EA001-00	305UR230P4 9523	Inverse Diode		1	2
EA001-00	424462	Inside Spring for CMD Coupling	Troy Electric Sales Service Ltd.	1	2
EA001-00	6224/C3	NDE Bearing	SKF Canada Limited	1	5
EA001-00	6224/C3	NDE Bearing	SKF Canada Limited	1	3
EA001-00	6224/C3	NDE Bearing	SKF Canada Limited	1	2
EA001-00	HCSM-A2C10X20	Hex Bolt M10 X 1.5 X 20 A2SS HEX HD	Indufast Industrial Fasteners	3	10
EA001-00	JE5	Gasket for CMD Coupling	Troy Electric Sales Service Ltd.	2	7
EA001-00	K4R5	CMD Coupling	Troy Electric Sales Service Ltd.	1	1
EA001-00	KJBA5	Assembly Bolts for CMD Coupling	Troy Electric Sales Service Ltd.	2	7
EA001-00	KJBA5	Assembly Bolts for CMD Coupling	Troy Electric Sales Service Ltd.	1	2
EA001-00	one-off manufacturer run	Anti Condensation Heater Propulsion Alternator	Jeumont Industrie	1	2
EA001-00	RSSD30250	VARIABLE RESISTOR FOR EXCITATION BOX	Jeumont Industrie	2	8
EA001-03	FAG 6328 MC3 J20 AA	Bearing, DE	FAG	1	3
EA001-04	HF-438527 A or /4	BEARING HOUSING ASSEMBLY OPPOSITE SHAFT END	SKF Canada Limited	1	1
EA001-05	25722B	Insulator		1	2
EA001-05	4CM3361	Ballast Resistor		1	1
EA001-05	TA34 1250/5	Current Transformer, 20VA CLO5, 50/60Hz	Jeumont Industries	2	8
EA001-06		Insulator, MV 478 A, Dwg #: 1CM1341 Item: 29		5	21
EA001-06	4CM3714	Heater Resistor		1	2
EA002-00	2301-A1-9905-133	Speed Control Unit	Woodward	1	2
EA002-00	2301-A1-9905-133	Speed Control Unit	Woodward	1	1
EA002-00	2301-A1-9905-133	Speed Control Unit	Woodward	1	1

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA002-00	243-02VG	Voltmeter 0-750 Volts red mark 600 volts	Crompton Instruments	1	3
EA002-00	256-PLLG	Synchro Prot. Relay	Crompton Instruments Ltd	1	2
EA002-00	256-TWMU	Kilowatt Transducer 600/115V - Scale 110/0/970KW - Ratio 1200:5A-PT	WESCO Distribution - Canada Inc	2	5
EA002-00	45576	Shore Connector Cct. Breaker (630A) (Trip Unit ST204SB)		1	2
EA002-00	4EM1299	Excitation Plate	Ferraz	1	2
EA002-00	4EM1299	Excitation Plate	Ferraz	1	2
EA002-00	50250	Additional Plate		1	2
EA002-00	50299	Insulation Monitor		1	2
EA002-00	BE1-51 GIG-Z1R-N	Time Overcurrent Prot.	Ferraz	1	1
EA002-00	BE1-51 GIG-Z1R-N	Time Overcurrent Prot.	Ferraz	1	1
EA002-00	BE3-32-3DC	Reverse Power Relay	BASLER ELECTRIC	1	2
EA002-00	C94739	Fuse 0.5A aM0.5A 660V 22mmx56mm (Motor Application)	Ferraz	2	9
EA002-00	C94739	Fuse 0.5A aM0.5A 660V 22mmx56mm (Motor Application)	Ferraz	1	4
EA002-00	CCWCWS7286R100	Potentiometer	Ferraz	1	3
EA002-00	D94234	Fuse 2A, 500V, gG 10mmx38mm	GOULD 16013-G	10	39
EA002-00	E94442	Fuse 6A, 690V, gG, 14mmx51mm	Ferraz	15	50
EA002-00	E94442	Fuse 6A, 690V, gG, 14mmx51mm	Ferraz	1	5
EA002-00	EN 5844C and D	Phase Regulation Card for RG492 (DA MPPS)	Schneider Canada Inc.	1	2
EA002-00	EN 5844C and D	Phase Regulation Card for RG492 (DA MPPS)	Schneider Canada Inc.	1	1
EA002-00	EN 5845	Phase Regulation Board	Schneider Electric Canada Inc.	1	2
EA002-00	EN 5846A	Power Regulation Card	MERLIN GERIN	1	2
EA002-00	EN 5847C	Interface Card, (DA EMERGENCY)	MERLIN GERIN	1	1
EA002-00	EN 5848B	Coupler Card	Schneider Canada Inc.	1	4
EA002-00	PLMEP11	Load Sharing Plate - Card DA2		1	2
EA002-00	RG20-050V	Voltage Regulator	Ferraz	1	2
EA002-00	STI 2P 15651	Fuse Switch, 32A, 500V, 3.5W (Merlin Gerin)		3	13
EA002-00	T093765	Fuse 6A, 690V, 22x58mm, aM (Motor Application)		7	24
EA002-00	TDP Technical Drawing	TDP Technical Drawing Package MPPS Breaker	MERLIN GERIN	1	4
EA002-00	XBC-D19704M12	Selector Switch	Ferraz	1	3
EA002-00	Y94252	Fuse 2A, 500V, aM, 10mmx38mm (Motor Application)	Ferraz	20	72
EA002-00	Z94736	Fuse 1A, 660V/690V, aM, 22 x 58mm	Ferraz	10	36
EA002-01	15142	SIGNAL UNIT (Obsolete, see P/N: 18330)	Merlin Gerin (Canada) Ltd.	3	12
EA002-01	243-01RG	WATTMETER	Crompton Instruments	1	3
EA002-01	243-01RG-HG**-1T-BR-SH	Kilowatt meter, scaled - 110/0/+970kw, red lined at 715kw	Crompton Instruments	1	5
EA002-01	243-01RG-HG**-BR (order Alt#)	Frequency Meter, scaled 55-60-65Hz	Crompton Instruments	2	7

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA002-01	243-01RG-HG**-BR-SQ	Amp Meter Scaled 0/50 Amps DC Red Marked @ 41 Amps	Crompton Instruments	1	4
EA002-01	243-01RG-HG**-SQ-BR	Voltmeter, scaled 0/750volts, red line 600volts	Crompton Instruments	2	7
EA002-01	243-01RG-HG**-SQ-BR	Voltmeter, scaled 0/600volts, red Line at 450v	Crompton Instruments	1	5
EA002-01	243-01RG-HG**-SQ-BR	Power Meter, Scaled - 60/0/400kw, red line 300kw	Crompton Instruments	1	5
EA002-01	243-01RG-HG-SQ	Crompton Amp DC Scaled 16/0/140KW Red Line 105KW	Crompton Instruments Ltd	1	4
EA002-01	243-01RG-HG-SQ	Crompton Gauge Amp DC Scaled 1800/0/1800A Red Line 1640A	Crompton Instruments Ltd	1	3
EA002-01	243-02AG	Ammeter, 0/6.25amps, scaled 0/1.5 KA	Crompton Instruments	1	2
EA002-01	244-136G	PHASE METER	Crompton Instruments	1	2
EA002-01	252-PHUG-PQBX-Z4-EB	Under Frequency Relay	Crompton Instruments	1	3
EA002-01	252-PVUG	UNDERVOLTAGE PROTECT	Crompton Instruments	1	2
EA002-01	252-PVUG-POBX-Z4-EB	Under voltage relay, input 115v L/N, 60/61 hertz (SUA145)	Bender	1	3
EA002-01	253-TARG-LSHG-C6-DG	Current Transducer (True RMS Measuring, Class 0.5 (1200/5A)	Crompton Instruments	2	7
EA002-01	253-TARG-LSHG-C6-DG	Current Transducer (True RMS Measuring, Class 0.5 (1200/5A)	Crompton Instruments	1	2
EA002-01	256-TWMU-QPHG-C6 + VT/CT + Aux Pwr	Pwr Watt XDCR (Prop Alt)	Crompton Instruments	2	8
EA002-01	288628	WAGO 280-628 CARRIER TRM BLK 2CON FRONT ENT		1	3
EA002-01	3797	Bulb, 24V, 2W. (757 LAMP)		15	58
EA002-01	685658C	RELEASE MX/XF		1	3
EA002-01	685692C	Contact MNR1		1	2
EA002-01	685725C	AUX CONTACTS		1	3
EA002-01	685727C	RDY CLOSE CNTCT PF		1	2
EA002-01	685763C	ELEC CHG MECH MCH		1	3
EA002-01	685977C	CONN POSIT SW CE		1	3
EA002-01	685978C	DISCON POSIT SW CD		1	3
EA002-01	688337C	AUC CONTACT MNRI		1	3
EA002-01	788-944 INS103	CURRENT XFMR	Crompton Instruments	1	3
EA002-01	CA2-DN31M6	RELAY, 220V		1	3
EA002-01	CA2-DN40M6	RELAY, 220V		1	2
EA002-01	CA3-DN31BD	RELAY, 24V		1	2
EA002-01	CA3-DN40BD	RELAY, 24V		1	2
EA002-01	E243-01AG-EJ	AMMETER 0- 3.75A input 0-75 MV DC	Crompton Instruments	1	2
EA002-01	E243-01AG-EJ	AMMETER 0- 3.75A input 0-75 MV DC	Crompton Instruments	1	2
EA002-01	G205626	Fuse 6A, 690V, gG, 14 x 51mm		7	24
EA002-01	J81980	Fuse 1A, 500V, gG, 10 x 38mm, ceramic		10	34
EA002-01	LA1-DN22 (OBSOLETE)	AUX CONTACTS (obsolete from manufacturer-see new P/C 9064)		1	2
EA002-01	LA1-DN31	AUX CONTACTS		1	2
EA002-01	LA1-DN40	AUX CONTACT		1	2
EA002-01	LA2-DT2	AUX CONTACTS		1	3
EA002-01	Q94774	Fuse 20A,500v, gG, 22 x 58mm		1	5
EA002-01	SP105	Bulb, 130V, 2.4W	Jentronics Limited	7	26
EA002-01	TA23	CURRENT TRANSFORMER		1	2
EA002-01	TMAC2D INS109	VOLTAGE TRANSFORMER		1	1

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA002-01	TPB INS108	VOLTAGE TRANSFORMER 600V-115V 50KVA		1	3
EA002-01	TPB INS117	VOLTAGE XFMR		1	1
EA002-01	XB2-BJ53	SELECTOR SWITCH		1	3
EA002-01	XBC-D1961C12	SELECTOR SWITCH		1	2
EA002-01	ZB2-BA3	Pushbutton Head, Green	TELEMECANIQUE	2	7
EA002-01	ZB2-BA4	PB HEAD , RED		1	5
EA002-01	ZB2-BA5	Pushbutton Head, Yellow	TELEMECANIQUE	2	8
EA002-01	ZB2-BV03	Signal Unit Head, Green	J021/Fra(1) Jeumont Ind	1	4
EA002-01	ZB2-BV04	Signal Unit Head, Red	J021/Fra(1) Jeumont Ind	1	3
EA002-01	ZB2-BV07	Signal Unit Head, Clear	J021/Fra(1) Jeumont Ind	3	10
EA002-01	ZB2-BV7	Signal Unit	J021/Fra(1) Jeumont Ind	3	11
EA002-01	ZB2-BVO7	SIGNAL HEAD UNIT, CLEAR		2	11
EA002-01	ZB2-BZ105	SWITCH, PUSH BUTTON		1	4
EA002-02	244-146G	SYNCHROSCOPE		1	2
EA002-02	CA2-DN22M6	RELAY, 220V		1	3
EA002-02	CA2-DN22X6	RELAY, 600V		1	2
EA002-02	F94236	Fuse		15	48
EA002-02	LA3-DR0	AUX CONTACTS OBSOLETE from supplier see new P/C 9015		1	3
EA002-02	LP2-D0901BD	RELAY 24V		1	3
EA002-02	T093765	Ferraz Fuse 6A, 690V, 22 x 58mm, U/O Synch Section	Jentronics Limited	5	20
EA002-02	TBP INS112	VOLTAGE XFMR		1	1
EA002-02	TMAC2D	VOLTAGE XFMR		1	2
EA002-02	TPB INS 111	Transformer 600/115 20VA		1	2
EA002-02	XBC-11213C12	MODE SELECT SWITCH		1	2
EA002-02	XBC-D19205M12	SELECTOR SWITCH		1	2
EA002-03	39856	Remote Control (Prop Motor Exciter Breaker)	MERLIN GERIN (Troy)	1	1
EA002-03	40036	AUC CH CONTACT		1	2
EA002-03	40037	FLP TRIP INDICATOR CONT		1	2
EA002-03	42902	AUX CH & TP IND CTS		1	2
EA002-03	43236	CCT BREAKER ASSY		1	2
EA002-03	LA2-DT0	AUX CONTACT		1	3
EA002-03	NSX100-250L	Excitation Breaker	Schneider Electric Canada Inc.	1	2
EA002-03	NSX100-250L	Excitation Breaker	Schneider Electric Canada Inc.	1	1
EA002-04	244-12PG	PHASE SEQUENCE IND.		1	2
EA002-04	244-KWPG	KW HOUR METER		1	2
EA002-04	252-PSFG	PHASE BALANCE RELAY		1	2
EA002-04	252-PVKG-POBX- Z4-EB	UNDERVOLATAGE RELAY	Crompton Instruments Ltd	1	2
EA002-04	4204 3063	REVERSAL SWITCH		1	3
EA002-04	4409 0021	AUX CONTACT		1	2
EA002-04	4409 0022	AUX CONTACT		1	2
EA002-04	44901	CHANGEOVER & TRIP CTCTS		1	3
EA002-04	44910	SHUNT TRIP MODULE		1	2
EA002-04	784-944	CURRENT XFMR (INS105)	Crompton Instruments	1	3
EA002-04	LA3-DR2	AUX CONTACTS OBSOLETE from Supplier-see part code 9006		1	3
EA002-04	LADN04	Contact Block (new)	EECOL Electric (Sask) Ltd.	1	3
EA002-04	LADR2	Time Delay Aux Contact	EECOL Electric (Sask) Ltd.	1	3
EA002-04	XBC-D19302M12	CAM SWITCH	TELEMECANIQUE	1	2
EA002-04	XBC-D19303M12	SELECTOR SWITCH	TELEMECANIQUE	1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA002-04	XBC-D19601C12	AMMETER SWITCH	TELEMECANIQUE	1	3
EA002-05	44737	CCT Breaker Assy	MERLIN GERIN	1	2
EA002-05	44900	Aux Contacts	MERLIN GERIN	1	2
EA003-00	2CA2292(8)	Water Leakage Detector		1	2
EA003-00	3005850010	Hathaway Alarm Relay And Temp. Transducer	Troy Electric Sales & Service Ltd.	1	2
EA003-00	357-S	Silver Oxide Button Cell Battery, 1.55V	Victoria Battery Direct	3	10
EA003-00	4CA2673	Heating Resistance	Troy Electric Sales & Service Ltd.	2	11
EA003-00	4N1N21/01/803	FDPS Interface PCB		1	1
EA003-00	4NPR21/01/804 (M93N0032)	FDPS Processor		1	2
EA003-00	751CN0285	Capacitor 22 μ f 250v	Rubycon	2	8
EA003-00	A94691	Fuse, 4A aM4A 660V 22mmx58mm P [Motor Application]	Ferraz	5	20
EA003-00	A94691	Fuse, 4A aM4A 660V 22mmx58mm P [Motor Application]	Ferraz	3	14
EA003-00	A94691	Fuse, 4A aM4A 660V 22mmx58mm P [Motor Application]	Ferraz	3	10
EA003-00	A94691	Fuse, 4A aM4A 660V 22mmx58mm P [Motor Application]	Ferraz	1	2
EA003-00	ALEX21/09/800	Excitation Converter		1	1
EA003-00	B16C-IRC	Motor Fan Contactor, 220-230v 50Hz, 230-240v 60Hz.	ABB	1	2
EA003-00	B9C-1R	AF09-30-10-13 ABB Contactor K1, K3, K4 100-250V 50/60 HZ-DC	E.B. Horsman & Son	2	8
EA003-00	C94693	Fuse, 16A aM16A 690V 22mmx58mm P [Motor Application]	Ferraz	3	10
EA003-00	D094487	Fuse 10A, 500V, 14 x 51mm, gG	Ferraz	2	7
EA003-00	EWS-100-24	24V DC Power Supply		1	1
EA003-00	F75744	Fuse 1500Vdc, 2500Vac, 1A, 20 x 127mm (Ferraz)		3	11
EA003-00	ITR-1-22D	Field Current Transducer (U6)		1	2
EA003-00	ITR-1-2XC	Speed Transducer (U5)		1	5
EA003-00	J94768	Fuse, 4A gG, 690V 22mm x 58mm (w/o striker)	Ferraz	3	10
EA003-00	L90515	Fuse, 1A, 250V FI 5mmx20mm	Ferraz	4	18
EA003-00	M0971	Electronic Fan (E3)	Emery Electric Ltd.	1	5
EA003-00	M90516	Fuse, 1.25A, 250V FI 5mmx20mm	Ferraz	1	4
EA003-00	M93.N.0007	Firing Board (Power Bridge Control)		1	1
EA003-00	M93.N.0030	Overvoltage Protection Board		1	1
EA003-00	P94497	Fuse, 2A, 500V 14mmx51mm P (with indicator)	Jentronics Limited	4	17
EA003-00	PLDA11/02/800	Thry Trigger Amp		1	1
EA003-00	PLM131/805 or M93.N.0006	Current Feedback Board		1	1
EA003-00	PLVK71/810 or M93.N.0005	Voltage Feedback Board		1	1
EA003-00	Q94659	Fuse, 20A, 660V, gI, 22mmx58mm P	Ferraz	3	14
EA003-00	RR101 FMC	Thyristor cabinet thermostat, range -40 to 70 C	Schneider Electric	3	10

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA003-00	S202-B10	ABB Mini Breaker Q12 2P 10A 10KA B 480Y/277 SUPP	E.B. Horsman & Son	1	3
EA003-00	S202-Z2	Circuit Breaker	E.B. Horsman & Son	1	4
EA003-00	S94454	Fuse, 4A, aM, 500V, 14mmx51mm P [Motor Application]	Ferraz	3	10
EA003-00	TA20.20.17	Thyristor	J021/Fra(1) Jeumont Ind	2	11
EA003-00	TRB1-2032	Brush Holder		5	22
EA003-00	TSVME120E-1	VME Processor		1	1
EA003-00	TSVME410	VME I/O Board		1	1
EA003-00	TSVME410-A1-X1-X23	CPM 21 Handheld Computer	Jeumont Industries	1	1
EA003-00	V94456	Fuse 6A, 500V, aM, 14 x51 mm (Ferraz 521 CPAM 14-6 with trip indicator)	Ferraz	7	24
EA003-00	VT7-001E-22Y43	Voltage Isolated Transducer 4-12-20 ma DC	Jeumont Industries	1	4
EA003-00	X94458	Fuse 8A, 500V 14mmx51mm	Ferraz	5	20
EA003-00	X94458	Fuse 8A, 500V 14mmx51mm	Ferraz	3	10
EA003-00	X94665	Fuse, 50A, 690V 22mmx58mm P	Ferraz	10	31
EA003-00	XZ4S/VD/R1/P2/Y20/XH	Rest Bulb Alarm TX		1	1
EA003-00	XZ4S/VD/R2/A1/P2/Y22/XH	Rest Bulb Alarm TX		1	1
EA003-00	XZ4S-VD-(0/150 C)-R1-P2-Y20-XH-XT1	K8/K9 Signal Conditioner (Alarm Trip)	Hathaway	1	2
EA003-00	Y300884	Fuse 600-700v (Used in matched pairs) for SCRs		1	3
EA003-00	Y300884	Fuse 600-700v (Used in matched pairs) for SCRs		1	2
EA003-01	CPF111 or M93.N.0003	Setting Board		1	2
EA003-01	DV007	Fuse 50A, 690V, gG, 22 x 58mm, ceramic		7	26
EA003-01	DV047	Fuse 4A, 690V, aM, 22 x 58mm		3	12
EA003-01	KC6-31-Z+RD7/250	Relay + Diode (Surge Suppressor) Contactor 24 VDC Coil K22, K23		1	5
EA003-01	KC6-31-Z+RD7/250	Relay + Diode (Surge Suppressor) Contactor 24 VDC Coil K22, K23		1	2
EA003-01	M93.N.0013	Power Bridge Leg (PRN 41)		1	1
EA003-01	PLRGXA111/805	Field Control Board (Part of Motor Field Converter)	A077/FRA(1) ALSTOM	1	1
EA003-01	S223K0.511	Micro Breaker (Q4)		1	4
EA003-01	VA-20FR-73-A-05-J1	Temperature Gauge	Indus Electronics	2	11
EA003-02	B9C-IRC	Contactor C/W 208V Coil (K1 > K4)	ABB INDUSTRIE SNC	1	3
EA003-02	BSR 2024-7R	DC-DC Converter, input 16-38vdc, output 24vdc, 0.84amp		1	2
EA003-02	DV051	Fuse 4A, 500V, am, 14 x 51mm		3	14
EA003-02	ITR-1-2XD	Armature Current Transducer (U7/U8)		1	2
EA003-02	XZ4S/VD/R2/A1/P2/Y22/XH-XT1	K6/K7 Resistance Bulb Alarm TX		1	4
EA004-00		Zinc Anode, Lower (Fenco Replacement)	Troy Electric	4	16
EA004-00		Knob, Commutator Inspection Door		2	7

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA004-00		Knob, Commutator Inspection Door		1	2
EA004-00	10683470	Brush 20X32X50 MM (Drawing Number 100 112 105 033 C)	Schunk Kohlenstofftechnik GmbH	75	300
EA004-00	10683470	Brush 20X32X50 MM (Drawing Number 100 112 105 033 C)	Schunk Kohlenstofftechnik GmbH	30	98
EA004-00	2CA2292 (6)	Zinc Anode, Upper (Fenco Replacement)	T043/CDN(1) TROY ELECTRIC	4	19
EA004-00	3CA2477 (1)	Temperature probe duplex (3 PT100) (Bearing Housing)		1	2
EA004-00	3CA2477 (2)	Temperature probe simplex (3 PT100) (Bearing Housing)		1	2
EA004-00	55427976	Brush (Tachometer) 3,1X4,1X10 EG		10	35
EA004-00	6332 MC3	Bearing, Ball		1	3
EA004-00	FMM600	Filter Media (42 x 100")	Filtration Plus Limited	1	2
EA005-00, MA005-00	DNFA16D30	Georgin, Diff. Pressure Switch	Troy Electric Sales Service Ltd.	1	2
EA005-00, MA005-00	ENCLCOOLFAN	Enclosure Cooling Fan, (Fabricated)	Troy Electric Sales & Service Ltd.	1	1
EA005-00, MA005-00	MTP160MA4F	Motor, Enclosure Cooling Fan	Troy Electric Sales & Service Ltd.	1	2
EA005-00, MA005-00	SW Lines - SET	SW discharge line Set - 1 long elbow and 1 short elbow go together	Caird Mechanical Contractors Ltd	1	2
EA005-00, MA005-00	Thermostat	Propulsion Motor Thermostat Overdrive Valve		1	2
EA006-00	195G20	Choke		1	2
EA006-00	27L6037	Capacitor (C3), 35uf, 660vac 70 deg C, 60Hz	Electrotek	4	16
EA006-00	30VK6	EMI Filter		1	2
EA006-00	36DA472F250BF2	Capacitor		1	2
EA006-00	37B4410	Capacitor	CTS OF CANADA LTD	1	2
EA006-00	37FB4410	Capacitor		1	2
EA006-00	37FD3715	Capacitor		1	2
EA006-00	5108-0290-076	Transformer 220V - 6.3V		1	2
EA006-00	65340	Heatsink		1	2
EA006-00	7BTL3A-13	Temperature Switch		1	2
EA006-00	8340-F120-P1M2-B2H0	Circuit Breaker 30A		2	9
EA006-00	A-13338 REV 2	Choke		1	2
EA006-00	A-13433 REV 0	Choke Common Mode		1	2
EA006-00	A-13444 REV 0	Resistor Assembly 27K 10W		1	2
EA006-00	A50P25-1	Fuse 25A, 500V, 9/16 x 2", Semiconductor protection fuse	Gould Shawmut	2	7
EA006-00	AGC-2	Fuse 2A, 250V, FB, 1/4 x 1 1/4", glass tube	NEDCO-Division of Westburne	5	22
EA006-00	AGC-30	Fuse 30A, 32V, QB, 1/4 x 1 1/4", glass tube	NEDCO-Division of Westburne	7	28
EA006-00	B125Y54	Capacitor		1	5
EA006-00	C21DE244XO	Capacitor		1	2
EA006-00	CS241250	Diode Module 50A		1	2
EA006-00	D-L002RD-P-A	Led, Red		7	24
EA006-00	D-N120AM-C	Neon Lamp, Amber		2	8
EA006-00	D-N120GR-C	Neon Lamp, Green		2	8
EA006-00	D-N120RD-C	Neon Lamp, Red		2	8
EA006-00	DR001-0400A	Diode		7	24
EA006-00	DR380-0200I	Diode		1	3
EA006-00	DS0400-17H	SCR, 400V		1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA006-00	DV0040-013D	Varistor, 40V		1	3
EA006-00	FDS100AA60	Diode Module		1	2
EA006-00	KRPA-11AY-240	Relay 240V AC		1	3
EA006-00	LT200-S	Current Sensor		1	2
EA006-00	ME500806	Diode Bridge		1	2
EA006-00	PW5	Resistor .27 Ohms 5W		1	3
EA006-00	Q2L2100	CCT Breaker, 100 Amp		1	4
EA006-00	Q2L2200	CCT Breaker, 200 Amp		1	4
EA006-00	QOU210	CCT Breaker, 10 Amp		1	4
EA006-00	QOU215	CCT Breaker, 15 Amp		1	4
EA006-00	QOU220	CCT Breaker, 20 Amp		1	4
EA006-00	REC-C2024HA	Resistor, 0.5W, 2.4K		7	24
EA006-00	RLS5024D250	Relay, SPST 24 VDC (K2)		1	2
EA006-00	SWT-DD006H	Switch, Toggle		1	2
EA006-00	SWT-SD006H	Switch, Toggle		1	2
EA006-00	SWT-TD006H	Switch, Toggle		1	2
EA006-00	XF-CHI12015	Choke, Filter 500UH		1	2
EA007-00	CM100DY-12H	IGBT Module, 100A, 600V		2	8
EA007-00	CM100DY-12H	IGBT Module, 100A, 600V		1	2
EA007-00	ML-4481 (S)	Snubber Board PC300 AO(S)		1	1
EA007-00	ML-4567	Overload Sensor Board (PC68-CO) AKA Over Current		1	3
EA007-00	ML-4567	Overload Sensor Board (PC68-CO) AKA Over Current		1	2
EA007-00	ML-4639	Alarm & LED Board (PC335-AO)		1	1
EA007-00	ML-4657	IGBT Driver Board PC275-D0(S) AKA: Firing Cards	I E Power Inc.	1	5
EA007-00	ML-4657	IGBT Driver Board PC275-D0(S) AKA: Firing Cards	I E Power Inc.	1	5
EA007-00	ML-4657	IGBT Driver Board PC275-D0(S) AKA: Firing Cards	I E Power Inc.	1	5
EA007-00	ML-4658	UPS Battery Charger PCB (PC356AO)	I E Power Inc.	1	3
EA007-00	ML-4658	UPS Battery Charger PCB (PC356AO)	I E Power Inc.	1	2
EA007-00	ML-4658	UPS Battery Charger PCB (PC356AO)	I E Power Inc.	1	2
EA009-00	704 900 5	Switch Base for PC 0017	Troy Electric Sales Service Ltd.	1	5
EA009-00	704 900 5	Switch Base for PC 0017	Troy Electric Sales Service Ltd.	1	3
EA009-00	W006830261	Switch Rotary (KS1, KS2)	Troy Electric Sales Service Ltd.	1	4
EA009-00	W006830261	Switch Rotary (KS1, KS2)	Troy Electric Sales Service Ltd.	1	3
EA009-00	W006830261	Switch Rotary (KS1, KS2)	Troy Electric Sales Service Ltd.	1	2
EA009-00	W006912084	RPM Controller		1	2
EA009-00	W006915734	Switch		1	2
EA009-00	W006915736	Switch, Pushbutton		1	2
EA010-00		Secondary Control Handle	United Engineering Ltd	1	3
EA010-00	W001594038	Control Handle		1	1
EA010-00	W006830260	Switch, Rotary		1	2
EA010-00	W006895925	Azimuth Indicator		1	3
EA010-00	W006900689	RPM Indicator	Wartsila Canada Inc.	1	3
EA010-00	W006901236	Light Bulb, Pushbutton	Jentronics Limited	30	90
EA010-00	W006901236	Light Bulb, Pushbutton	Jentronics Limited	20	76
EA010-00	W006901238	Light Emitting Diode, Green		7	27
EA010-00	W006901239	Light Emitting Diode, Red		3	11

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA010-00	W006901240	Light Emitting Diode, Yellow		5	22
EA010-00	W006901518	Indicator Lamps		20	61
EA010-00	W006901518	Indicator Lamps		7	25
EA010-00	W006907766	Alarm Buzzer		1	3
EA010-00	W006912289	Speed Potentiometer (instrumentation), combilever		2	8
EA010-00	W006912289	Speed Potentiometer (instrumentation), combilever		1	2
EA010-00	W006912307	Dimmer	Wartsila Canada Inc.	1	2
EA010-00	W006912312	RPM Potentiometer		1	2
EA010-00	W006915735	Switch, Pushbutton		1	2
EA011-00	W006912229	Azimuth Potentiometer	Wartsila Propulsion Netherlands	1	2
EA013-00	T003002807	Potentiometer, 10K, +/- 0.075% (Feedback)	Indus Electronics	2	8
EA013-00	W006902214	Relay RHZ 21	TELEMECANIQUE	1	2
EA013-00	W006902304	Autofuse		5	22
EA013-00	W006902306	Autofuse		5	23
EA013-00	W006902368	BUS GDB2		10	35
EA013-00	W006902368	BUS GDB2		1	3
EA013-00	W006902387	Fuse 0.16A		3	10
EA013-00	W006907712	Relay 24Vdc	Jentronics Limited	2	9
EA013-00	W006907771	Relay		1	2
EA013-00	W006927716	Circuit Board, PU		1	2
EA013-00	W006927716	Circuit Board, PU		1	2
EA013-00	W006927726	Circuit Board, ISV (Isolator Output)	LIPS BV	1	3
EA013-00	W006927728	Card, Print ISI Module (Isolator Input)	Wartsila Propulsion Thrusters BV	1	3
EA013-00	W006927732	Circuit Board, PPM	Wartsila Canada Inc.	1	3
EA013-00	W006927732	Circuit Board, PPM	Wartsila Canada Inc.	1	2
EA013-00	W006927757	Circuit Board, VCM	Wartsila Canada Inc.	1	1
EA013-00	W006927795	Circuit Board, LMP	Wartsila Canada Inc.	1	1
EA013-00	W006927801	Circuit Board, ROI		1	1
EA014-00	20544	Circuit Breaker		1	2
EA014-00	20545	CCT Breaker		1	4
EA014-00	302454-03	A2 Snubber Board	JHT ELECTRONICS	2	9
EA014-00	ABR-1E418B	Relay, 24V		1	4
EA014-00	ABR-1S102B	Relay, 24V		1	5
EA014-00	ABR-1S402B	Relay, 24V		2	8
EA014-00	ABR-1S602B	Relay, 24V		1	5
EA014-00	DP371-PIC1	Indicator, Temp		1	2
EA014-00	LA2-DT0	Auxiliary Contacts	TELEMECANIQUE	1	2
EA014-00	LA4-DC1U	Rectifier Diode		2	8
EA014-00	TSX 17 ACC1	Battery For TSX 17		1	4
EA014-00	TSX DST 2472	Digital O/P Module		1	2
EA014-00	TSX DST 2482	Output Module (24 Channel)		1	4
EA014-00	TSX P67 420	Processor Module		1	1
EA014-00	TSX RPM 6416	64K 16 EPROM Cartridge		1	1
EA014-00	TSX SCM 2146	Com Module RS 422A or RS485/Unitel		1	1
EA014-00	TSX SUP 61	Power Supply		1	1
EA014-00	ZB2-BE101	Auxiliary Contact		2	7
EA014-00	ZB2-BE101	Auxiliary Contact		1	5
EA014-00	ZB2-BS54	Switchhead, Rd		3	11
EA014-00	ZB2-BW063	PB Switch Body		1	4
EA014-00	ZB2-BW064	Switch Base (pushbutton)		2	8
EA014-02	ZB2-BW034	Pushbutton Head, Red		3	12
EA014-02	ZB2-BW034	Pushbutton Head, Red		2	10

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA014-02	ZB2-BW034	Pushbutton Head, Red		2	7
EA014-02	ZB2-BW065	Pushbutton Switch, Body		2	8
EA014-02	ZB2-BZ1036	PB Switch Body		1	2
EA014-02	ZB2-BZ106	Switch Base		2	8
EA014-03	TSX 172 4012	Programmable Controller	Mackay Communications Canada Inc.	1	1
EA015-00	4.116151.6	24Vdc/24Vdc Transducer (with Galvanic Separation)	Melcher	2	10
EA015-00	4.198348.6	Exhaust Temperature Transducer (0-750 C)	CMR	1	3
EA015-00	4.198348.6	Exhaust Temperature Transducer (0-750 C)	CMR	1	1
EA015-00	4.198350.4	A/B Row Exhaust Temperature Indicator 0-750 Degrees	Wartsila Canada Inc.	1	1
EA015-00	4.198362.6	Water Temperature Transducer (0-150 C)	Wartsila Canada Inc.	1	5
EA015-00	41161407	Speed Detector PCB UD23, 19 & 16)	Traycana Inc.	1	3
EA015-00	41983499	A/B Row Manifold Exhaust Gas Outlet Temperature Alarm Module	Wartsila Canada Inc.	1	3
EA015-00	41983499	A/B Row Manifold Exhaust Gas Outlet Temperature Alarm Module	Wartsila Canada Inc.	1	2
EA015-00	41983524	Turbo Charger Exhaust Gas Outlet Temperature Alarm Module	Wartsila Canada Inc.	1	2
EA015-00	8502-9014-39	Unidirect Board (UD19)	Prime Mover Control Inc.	1	2
EA015-00	MS.S2u	Phase Winding Temp. Transducer 0-200C/4-20mA/24Vdc	CMR/Jeamont Industrie	1	2
EA015-00	MS.S2u	Phase Winding Temp. Transducer 0-200C/4-20mA/24Vdc	CMR/Jeamont Industrie	1	1
EA015-00	MS3106F10SL-4S	Cannon Straight Plug (GOVERNOR)	Emery Electric	2	9
EA015-00	MS3106F-12S-3S	Cannon Connector Straight	Nedco	2	8
EA015-00	MS3108E10SL-4S	Cannon 90 degree Plug	Emery Electric	3	11
EA015-00	MS3108E-12S-3S	Cannon Connector 90 Degree (GOVERNOR)	Nedco	5	20
EA015-00	MS3108E-12S-3S	Cannon Connector 90 Degree (GOVERNOR)	Nedco	2	9
EA015-00	MS3108E-12S-3S	Cannon Connector 90 Degree (GOVERNOR)	Nedco	1	2
EA015-00	TSX DEF 812	Programmable Controller	Schneider Canada	1	2
EA016-00	47F2056	Capacitor Filter 34000uF 40VDC	Computer Power Inc	1	3
EA016-00	DV0150-010D	Varistor, 150V		1	4
EA016-00	OA172SAP-11-1TB	Orion, Fan, Cooler (Main)	Troy Electric Sales	1	3
EA016-00	SW121A-137	Solenoid Switch (relay)	Troy Electric Sales	1	3
EA016-00	TEXMATE PM-35U	Meter, PGSCS UPS	Emery Electric Ltd.	1	4
EA020-00	11-11517-A2	Position Sensor		1	2
EA020-00	114020A01M600	IFDMS Shore Cable, 200', Bard Harrison/Molex	Emery Electric Ltd.	1	2
EA020-00	145 758	Fuse 1A, 250V, SB, 1/4 x 1 1/4"		3	15
EA020-00	175-111222	Terminal Block #7, TB7	D & L Engineering Sales Ltd.	1	2
EA020-00	200Z-24	Red Strobe Light (2 leads)		1	2
EA020-00	319652-C	Flat Cable Harness		1	2
EA020-00	356961	4-L CLTV DET. MDL		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA020-00	361 095	Terminal Block 4 Contact Plug #1300130315	Wesco	3	10
EA020-00	389501	4-L Adrs Det MDL (Loop Card)		1	2
EA020-00	397700	MSTR Processor MDL		1	2
EA020-00	397904	FCTN Control Processor MDL		1	2
EA020-00	403199	4-ckt Alarm Horn Module		1	2
EA020-00	414052	Mains Single XFMR		1	2
EA020-00	414065	Mains Dual XFMR		1	2
EA020-00	414609	1-L Adrs DET MDL		1	2
EA020-00	463773	Dual Modem V28		1	2
EA020-00	500-033050	Zone Indicating Card	D & L Eng Sales Ltd.	1	2
EA020-00	500-033090	Loop Card, DLC	D & L Eng Sales Ltd.	2	7
EA020-00	500-033150	Output Control Module OCM-16	D & L Eng Sales Ltd.	3	10
EA020-00	500-033170	Line Isolator, HLIM	D & L Eng Sales Ltd.	4	19
EA020-00	500-033240	Network Interface Card, NIC-C	D & L Eng Sales Ltd.	1	2
EA020-00	500-033250	CRC-6 Form 'C' Relay	D & L Eng Sales Ltd.	1	3
EA020-00	500-033260	Device Programming / Test Units, Model: DPU - complete with carrying case	D & L Eng Sales Ltd.	1	2
EA020-00	500-033290	Fireprint Detector M/N HFP-11 (SMOKE)	D & L Eng Sales Ltd.	10	30
EA020-00	500-033340	PSC-12 Final Assy	D & L Eng Sales Ltd.	1	2
EA020-00	500-033370	Single Input Monitor Module - HTRI-S	D & L Eng Sales Ltd.	4	18
EA020-00	500-033380	Thermal Detector M/N HFPT-11	D & L Eng Sales Ltd.	5	23
EA020-00	500-033420	Remote Network Interface - RNI	D & L Eng Sales Ltd.	1	3
EA020-00	500-033990	Device Programming / Test Units, Model: DPU - complete with carrying case	D & L Eng Sales Ltd.	1	3
EA020-00	500-034000	Mini Single Input Module, HTRI-M	D & L Eng Sales Ltd.	1	5
EA020-00	500-034120	12A Power Supply M/N PSX-12	D & L Eng Sales Ltd.	1	3
EA020-00	500-034120	12A Power Supply M/N PSX-12	D & L Eng Sales Ltd.	1	2
EA020-00	500-034150	Manual Station Single Action, HMS-SA	D & L Eng Sales Ltd.	3	13
EA020-00	500-034160	System Person Machine Interface (DISPLAY)	D & L Eng Sales Ltd.	1	2
EA020-00	500-034200	Conventional Detector Card, CDC-4	D & L Eng Sales Ltd.	2	9
EA020-00	500-034200	Conventional Detector Card, CDC-4	D & L Eng Sales Ltd.	1	2
EA020-00	500-045548	CDT-135RX	D & L Eng Sales Ltd.	1	4
EA020-00	500-095687	Detector Base, DB-11C	D & L Eng Sales Ltd.	30	108
EA020-00	500-240226	Thermal Printer Paper Roll - IFDMS	D & L Eng Sales Ltd.	10	38
EA020-00	500-620499-C	Pull Station Back Box, MC-5	D & L Eng Sales Ltd.	5	20
EA020-00	500-620499-C	Pull Station Back Box, MC-5	D & L Eng Sales Ltd.	2	10
EA020-00	500-633012	Mounting Plate M/N CAB-MP	D & L Eng Sales Ltd.	1	4
EA020-00	500-633028	Single Blank Plate (Inner)	D & L Eng Sales Ltd.	1	5
EA020-00	500-633037	Cardcage, Model CC-5	D & L Eng Sales Ltd.	1	4
EA020-00	500-634212	Mounting Plate M/N REMBOX4-MP	D & L Eng Sales Ltd.	1	3
EA020-00	500-634776	Mounts Modules PMI/LVM M/N MPF-RK	D & L Eng Sales Ltd.	1	2
EA020-00	500-634879	24" Cable, PSC-CBL-24	D & L Eng Sales Ltd.	1	3
EA020-00	500-634933	Thermal Strip Printer	D & L Eng Sales Ltd.	1	3
EA020-00	500-637073	Detection Interface, MTL5061	D & L Eng Sales Ltd.	1	3
EA020-00	500-648670	(8) NAC Zone Card, ZIC-8B	D & L Eng Sales Ltd.	1	2
EA020-00	500-650062	Mounting bracket, RNI-CAB-BKRT	D & L Eng Sales Ltd.	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA020-00	500-695622	Detector Seal, DB11-SEAL (NEW)	D & L Eng Sales Ltd.	30	117
EA020-00	500-821790	Aux. Control Relay MDL		1	2
EA020-00	500-846766	GND FAULT DET MDL		1	2
EA020-00	500-849949	Brackets for TSP-40A	D & L Eng Sales Ltd.	1	2
EA020-00	500-849950	Cables for TSP-40A, TSP-XC	D & L Eng Sales Ltd.	1	2
EA020-00	500-887690	Aux. Control Relay MDL		1	2
EA020-00	500-896446	Mounting Plate, MPI-2	D & L Eng Sales Ltd.	1	5
EA020-00	5395-00-812-6799	Shore Monitor, O/P Jack		1	1
EA020-00	599-633997	60 Pin Cable, BCL	D & L Eng Sales Ltd.	2	10
EA020-00	599-633997	60 Pin Cable, BCL	D & L Eng Sales Ltd.	1	2
EA020-00	A27021-000-190	Horizontal Heat Detector, Detect-a-Fire	D & L Eng Sales Ltd.	1	5
EA020-00	AB 800T-FXNP16XA7	Illum P/P Button		1	2
EA020-00	AB 800T-N159G	Green Lens		1	3
EA020-00	AB 800T-N26G	Green Lens		1	3
EA020-00	AB 800T-N26R	Red Lens		1	3
EA020-00	AB 800T-P16	Pilot Light		1	2
EA020-00	GPMI2-HW-KEY	S54430-C4-A1 HW Key for PMI-2 Global	D & L Eng Sales Ltd.	1	2
EA020-00	HBL1222PL	BRYANT Red Pilot Light 2 Pole Switch (Fire Damper Switch)	NEDCO-Division of Westburne	3	13
EA020-00	HBL1222PL	BRYANT Red Pilot Light 2 Pole Switch (Fire Damper Switch)	NEDCO-Division of Westburne	1	2
EA020-00	K1D080	2 Port Communication Card (Dual Modem)	D & L Eng Sales Ltd.	1	2
EA020-00	M22-LC-W	Lamp Holder 340B 300V 2.6W (Fan Reset Indicating Lamp)	EECOL Electronics (Sask) Ltd.	2	11
EA020-00	M22-LC-W	Lamp Holder 340B 300V 2.6W (Fan Reset Indicating Lamp)	EECOL Electronics (Sask) Ltd.	1	2
EA020-00	MLTRK-WS-S/K01	Pushbutton		1	2
EA020-00	MW1R-S/K20	Switch		1	2
EA020-00	MW1R-S/KC01/I	Release Pushbutton		1	2
EA020-00	NE-51H	Indicator Lamp (fire damper switch indicators)	Stanpro Miniatures	10	30
EA020-00	PMI LCD Touch	S54430-A1-A1 PMI LCD Touch Screen	D & L Eng Sales Ltd.	1	2
EA020-00	PMI-3	S54430-C15-A1 Person Machine Interface 3	D & L Eng Sales Ltd.	2	5
EA020-01	01-143	Modem Module RS-232		1	2
EA020-01	500-047733	SL-D32 32 Point Serial Interface Card	D & L Eng Sales Ltd.	1	2
EA020-01	515-046727	Mimic Display Driver Module		1	2
EA020-01	Sonitron SMA-21L	Buzzer for CZ-10	D & L Eng Sales Ltd.	7	25
EA020-01	Sonitron SMA-21L	Buzzer for CZ-10	D & L Eng Sales Ltd.	1	3
EA020-02	496300	Power Supply Surge Protection		1	5
EA020-02	496300	Power Supply Surge Protection		1	2
EA020-02	500-645527	Line End Terminator		2	8
EA020-02	FUSE 10A	Fuse 10A, 125V, FB, 5x20mm, glass tube		2	10
EA020-02	FUSE 8A	Fuse 8A, 125V, QB, 5 x 20mm, Glass Tube		4	17
EA020-02	GPAG-24	Fire Door Holdback		2	10
EA021-00	04-029B	Manual Pull Station ADRS see alt part #	Siemens Building Tech. Ltd	2	8
EA021-00	07-138	Addressable Contact Model: E-90MIC (Master Element)	Siemens Building Tech. Ltd	3	15

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA021-00	129-Z	BULB 24V U/O RED STROBE LIGHT P/N 200Z-24	D & L ENGINEERING SALES LTD.	1	5
EA021-00	180-045415	Alarm Bell 24 VDC .03A	Troy Life and Fire Safety	1	3
EA021-00	190-146354 or 190-147097	Electric Horn 24 VDC	D & L Eng Sales Ltd.	1	4
EA021-00	200Z-24	Red Strobe Light (4 wire)	D & L Eng Sales Ltd.	1	2
EA021-00	419125	Detector Base EP (Z94c)	D & L Eng Sales Ltd.	1	2
EA021-00	424288	Isolator Module	D & L Eng Sales Ltd.	1	2
EA021-00	455150	Ionization Smoke Detector 21VDC (F930) (Note: No longer available for order)	Siemens Building Tech. Ltd	3	14
EA021-00	GDB-3 15A	Buss Fuse 15A	WESCO Distribution - Canada Inc	10	30
EA021-00	KMS-10-24	Notifier Alarm Bell	HONEYWELL	1	2
EA021-00	STI-3150	Weather stopper II-(Pull Station)	Cerberus	1	2
EA021-00	UVFD-2	UV Flame Detector	D & L Eng Sales Ltd.	1	2
EA021-00	WBB	Weatherproof Back Box	WESCO Distribution - Canada Inc	1	4
EA022-00	DILER-31-GI	24VDC Relay		1	2
EA022-00	RDK-X-S/K10	Pushbutton	Klockner Moeller	1	2
EA023-00	441.03646	Fuse 1A, 250V, QB, 5 x 20mm		1	2
EA023-00	441.03679	Fuse 5A, 250V 5x20mm, Quick Blow DIN41571 Fast Acting	WICKMAN	10	31
EA023-00	441.54417	Fuse 2.5A 250V Quick Blow 5x20mm DIN41661	WICKMAN	10	32
EA023-00	AGC-3	Fuse 3A, 250V, FB, 1/4 x 1 1/4, glass tube	BUSS	5	20
EA023-00	AGC-3	Fuse 3A, 250V, FB, 1/4 x 1 1/4, glass tube	BUSS	1	3
EA024-00	DL1-CE024	New 30v bulb (Replaces old 24v)		15	50
EA024-00	DL1-CE024	Bulb 24V 2.6W	Telemecanique, France	30	94
EA024-00	DL1-CE024 or 757	New 28v bulb (Also Replaces old 24v)		200	594
EA024-00	E24301RGHGAN	Frequency Meter, 55/65 HZ MCR	Emery Electric Ltd.	3	12
EA024-00	W006915729	Push Button Cover, Clear Plastic Rectangular	LIPS B.V.	2	11
EA024-00	W415595280111	Clear Guard For 22MM Pushbutton	Merlin (EECOL)	7	24
EA024-00	W415595280111	Clear Guard For 22MM Pushbutton	Merlin (EECOL)	4	17
EA024-00	XVL-A233	Pilot Light Green	Telemecanique, France	1	3
EA024-00	XVL-A234	Pilot Light Red	Telemecanique, France	1	3
EA024-00	ZB2-BA2	Pushbutton Head, Black		2	11
EA024-00	ZB2-BV006	Signal Unit Head, Blue		1	2
EA024-00	ZB2-BW033	Pushbutton, Green		3	12
EA024-00	ZB2-BW033	Pushbutton, Green		2	10
EA024-00	ZB2-BW033	Pushbutton, Green		1	2
EA024-00	ZB2-BW035	Pushbutton, Yellow		3	12
EA024-00	ZB2-BW035	Pushbutton, Yellow		2	10
EA024-00	ZB2-BW035	Pushbutton, Yellow		1	3
EA024-03	243-01NG-NG	RPM Indicator -1100/0/+1100 (PRAM/PROM)	Crompton Instruments Ltd	1	3
EA024-03	705684	Door Lock Set (Panels)	MERLIN GERIN	1	5
EA024-04	LSTD-2A	Amber, 24V, LED Lamp	IDEC	2	8
EA024-04	LSTD-2G	Green, 24V, LED Lamp	IDEC	4	16
EA024-04	LSTD-2R	Red, 24V, LED Lamp	IDEC	2	8
EA024-04	LSTD-2S	Blue, 24V, LED Lamp	IDEC	3	12
EA024-04	LSTD-2W	White, 24V, LED Lamp	IDEC	3	12

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA025-00	A111153796	Protective Cover -Steering Accept Switch		3	10
EA025-00	BA1819	Bulb Inc. BA9S 24V 2W		5	20
EA025-00	W006915711	Protective Cover, Emerg Shut Down		10	39
EA027-00	125612600	DC Input Isolator	KDG Mobrey	1	2
EA027-00	83130	Magnetic Liquid Level Indicator	GEMS Sensors (Welpro Supply Ltd)	2	8
EA027-00	9710MS1A1F2X9 M002	Sub Hydro Level Transmitter	EB Horsman & Sons	1	1
EA027-00	9710MS1B2P0X00 (Mod)	Liquid Level Transmitter		1	1
EA027-00	9790MS1A1FM003 A6B	FLANGE MNTD EMERGENCY TANK LEVEL SENSOR	E.B. Horsman & Sons	1	1
EA027-00	9790MS1A2P0F00 MK2	Level Indicator	KDG Mobrey	1	1
EA027-00	LS-270	Bilge Sensor	D & L Eng Sales Ltd.	1	4
EA034-00	H661A (CB863A)	Office Jet 6100 E Printer	Schneider Electric Canada Inc.	2	8
EA034-03	HEWCN053AC	Ink Cartridge 932XL Black	Monk Office Supply Ltd.	1	3
EA034-03	HEWCN054AC	Ink Cartridge 933XL Cyan	Monk Office Supply Ltd.	1	3
EA034-03	HEWCN055AC	Ink Cartridge 933XL Magenta	Monk Office Supply Ltd.	1	3
EA034-03	HEWCN056AC	Ink Cartridge 933XL Yellow	Monk Office Supply Ltd.	1	3
EA929-00	1390653 or 4725	Keyboard		1	4
EA929-00	6185-D (Use second Alt)	Monitor, Rockwell (Allen-Bradley), Flat Panel - 18.1"	Rockwell Automation	1	1
EA929-00	EPS8750	Ribbon Black FX 880	Epson	1	2
EA929-00	P/O 1390653 above	Keyboard cable- IBM with "AMP" connector		1	2
EA929-00	TSX MAP PC742M	Module, Network, Mapway		1	1
EA929-01	013366	Relay, 24 VDC,1 NO CNT	Kaycom Inc	1	4
EA929-01	022596	Relay Module, 24/60V		1	4
EA929-01	3SB1200-0AC53	Switch		1	5
EA929-01	3SB1200-0AE53	Switch		1	5
EA929-01	3SB1200-0AF53	Switch c/w blue pushbutton		1	5
EA929-01	3SB1200-1DC53	Switch Stop		1	5
EA929-01	3SB1200-2AB53	Switch		1	5
EA929-01	3SB1200-2AC53	Switch		1	5
EA929-01	3SB1200-4LB53	Switch, Locking		1	3
EA929-01	3SB1218-6BC01	Lamp	Siemens Canada Limited	2	7
EA929-01	3SB1218-6BE01	Lamp		2	7
EA929-01	43100	Fuse, 2.5A 5x20mm		2	11
EA929-01	980663	Converter, 6 Series	Weidmueller	1	3
EA929-01	990840	Convertor, 6 Series		1	2
EA929-01	DL1-CJ0243	Led, Bulb Green AC DC 24V		4	19
EA929-01	DL1-CJ0244	Led, Bulb, 24V, Red		5	22
EA929-01	F4138	Freon Detector		1	2
EA929-01	FIP36A10XT	2 line Display (LED Only for Part 0023)	Jeumont Industries	4	18
EA929-01	G408-0001	Signal Conditioner		1	2
EA929-01	TSX AEM 1602E	Analog I/P Module CH 16 Card	Schneider Canada Inc.	1	2
EA929-01	TSX AEM1602	Analog I/P Module	Emery Electric Ltd.	1	1
EA929-01	TSX AEM1602	Analog I/P Module	Emery Electric Ltd.	1	1
EA929-01	TSX CM 2146E	Module, Comm., RS-422A (SCM 21)	Schneider Canada Inc.	1	2
EA929-01	TSX CM 2146E	Module, Comm., RS-422A (SCM 21)	Schneider Canada Inc.	1	1
EA929-01	TSX DET 3242	Discrete I/P Module	Schneider Canada Inc.	1	3
EA929-01	TSX DST 1682	Module, Discretet O/P		1	2
EA929-01	TSX MAP 1074E	Mapway Module (MAP 107)		1	1

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EA929-01	TSX SUP 61	Power Supply Module	TELEMECANIQUE	1	2
EA929-01	ZB2-BV0133	Lens, Green		2	10
EA929-01	ZB2-BV0143	Lens, Red	TELEMECANIQUE	2	8
EA929-01	ZB2-BV0153	Lens, Yellow (Really it's Amber)		2	11
EA929-01	ZB2-BV0173	Lens, Clear	TELEMECANIQUE	1	5
EA929-02	B-Q0115GF1	Circuit Breaker 15A	Square D/Schneider Electric	2	9
EA929-02	B-Q2L2100	Circuit Breaker 100 Amp	JHT Electronics Ltd	2	9
EA929-02	B-QOU215	Circuit Breaker 15 Amp	JHT Electronics Ltd	2	9
EA929-02	B-QOU350	Circuit Breaker 50 Amp	JHT Electronics Ltd	2	9
EA929-02	D-N120GR-C	Neon Lamp, Green		3	10
EA929-02	D-N120RD-C	Neon Lamp, Red	JHT Electronics Ltd	5	21
EA929-02	DR001-0400A	Diode 1A	JHT Electronics Ltd	1	3
EA929-02	DR150-0200G	Diode	JHT Electronics Ltd	1	4
EA929-02	DS0200-110J	6CR 110 Amp	JHT Electronics Ltd	1	4
EA929-02	DV0040-013D	Varistor 13J	JHT Electronics Ltd	1	3
EA929-02	DV0150-010D	Varistor 10J	JHT Electronics Ltd	1	4
EA929-02	FMDA005250B	Fuse, 250V, 5 Amp	JHT Electronics Ltd	15	50
EA929-02	PCB302394-09	A1 Circuit Card	Myers Power	1	2
EA929-02	PCB302394-09	A1 Circuit Card	Myers Power	1	2
EA929-02	REC-C2024HA	Resistor 2.4K	JHT Electronics Ltd	1	4
EA929-02	RLDD024D016A	Relay DPDT, 24VDC (K3)	JHT Electronics Ltd	1	5
EA929-02	RLDD024D016A	Relay DPDT, 24VDC (K3)	JHT Electronics Ltd	1	2
EA929-02	RLDD120A016	Relay	JHT Electronics Ltd	1	2
EA929-02	RLS5024D100	Relay	JHT Electronics Ltd	1	2
EA929-02	RLTD060D100	Relay	JHT Electronics Ltd	1	3
EA929-02	RLTD060D100	Relay	JHT Electronics Ltd	1	2
EA929-02	SWT-DD006H	Switch, Toggle DPDT 6A@125V	JHT Electronics Ltd	1	2
EA929-02	SWT-TD006H	Switch, Toggle	JHT Electronics Ltd	1	2
EA929-02	UPS12-490MR	Battery, Gel	TROY ELECTRIC	1	2
EA929-02	VI-M13-ES	Vicor DC Converter	Vicor Corporation	1	2
EB002-00	6307	Bearing		1	3
EB002-00	6307	Bearing		1	3
EB003-00	6206	Back Bearing	SKF Canada Limited	1	2
EB005-00	PC-1035-19 or BUSS 120PSB	Lamp 120V		15	50
EB005-00	PC-1110-1	Sensor, Interface		1	3
EB005-00	PC-1166	Toggle Switch 6A 125vac		1	2
EB005-00	PC-1245-1	Alarm, Audible		1	2
EB005-00	PC-1246-2	Circuit Breaker		1	2
EB005-00	PC-1271	Toggle Switch		1	2
EB005-00	PC-1284-1	Relay, SPDT		1	2
EB005-00	ST11093-6	Switch, System		1	2
EC007-00	800T-FXP16XD4	Illuminated Push/Pull Button	ALLEN BRADLEY	1	2
EC007-00	800T-P16	Pilot Light	ALLEN BRADLEY	2	7
EC007-00	CIA10	Fuse 10A, 600V, Form II	ENGLISH ELECTRIC	2	10
EC007-00	CIA2	Fuse 2A, 600V, Form II	ENGLISH ELECTRIC	3	14
EC007-00	CIA20	Fuse 20A, 600V, Form II	ENGLISH ELECTRIC	2	10
EC007-00	DIL 00M/22	AC Magnetic Contactor 3P	K&M	1	2
EC007-00	PH200CJ	Control XFMR 480/120V, 200VA	HAMMOND	1	2
EC007-00	S271-K2	Circuit Breaker		1	2
EC007-00	SA 205 115 600S	Relay, Time Delay		1	3
EC007-00	SB 125 115 180S	Timer Relay, 120VAC off Delay	ELECTROMATIC	1	2
EC009-00	D1T-H18SS-P2	Pressure Switch (0.4-18PSI)	Barksdale Control Products	1	3
EC009-00	MOL 5 Edison or BAF-1/2	Fuse 0.5A, 250V, Fast Acting (250V ac IR 35A)	NEDCO-Division of Westburne	10	36

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ED003-00	1819	Bulb 28V		20	71
ED003-00	3SB1218-0AC01	Illuminated Push Button Red	Siemens Canada Ltd	1	2
ED003-00	3SB1218-6BC01	Pilot Light, Red (with conc. rings)	Siemens Canada Ltd	1	4
ED003-00	3SB1400-5C	Lampholder (24v/2w)	J.P. SAUER & SOHN MASCHINENBAUR	1	5
ED003-00	3TF4222 OA31	Contacto 115V/60Hz (K26)	Siemens Canada Ltd	1	5
ED003-00	3TF4222-0AJ2	Relay, 22E 2NO+2NC, 115v 50/60Hz (EC SEE ALT)	Siemens Canada Ltd	1	5
ED003-00	3UA5200 IK	Thermostat Overload Relay	Siemens Canada Ltd	1	2
ED003-00	ISTU495/23	Transformer 460/115V 2 320 VA	ISMET	1	2
ED003-00	Pos: P83	Working Hour Counter 115V/60Hz		1	2
EE002-00	133	Lamp 6.3v (Cathodic Panel)	Litemor	7	26
EE002-00	MOR107X3	O'Ring 107mm ID x 3mm cross section	CATHELCO	1	5
EE002-00	MOR79X3	O'Ring 79mm ID x 3mm cross section	Strictly Hydraulics	1	3
EE003-00	13970-17	Bushing Bearing		1	2
EE003-00	13971-20.1	Ball Bearing		1	2
EE003-00	13971-22.1	Seal Ring		2	7
EE003-00	13971-22.2	Seal Ring		1	3
EE003-00	13971-22.3	Seal Ring (22x35x7)	Marathon Fluid Systems Ltd.	1	3
EE003-00	13971-22.4	Seal Ring (22x32x7)	Marathon Fluid Systems Ltd.	1	2
EE003-00	13971-22.6	Seal Ring		1	2
EE004-00	FLNR 3/10	Fuse 0.3A, 250V	Ferraz Shawmut	2	11
EE004-00	FNM-2	Fuse, 2A 250V SloBlo		7	24
EE004-00	FNM-2	Fuse, 2A 250V SloBlo		2	7
EE005-00	120MB	Bulb 120V- GSP & H & FP Control Panel		3	10
EE005-00	362-02AA-LSPZ	Crompton Ammeter 0/58 Amps AC Scaled 0/150 Freq 50/60 Hz	Crompton Instruments Ltd	1	2
EF007-00	10250TC1N	Lens, Red	Culter-Hammer	3	10
EF007-00	10250TC6N	White Lens only	CUTLER HAMMER	2	8
EF007-00	326 or MDA-4	Fuse, 4A		3	10
EF007-00	326 or MDA-4	Fuse, 4A		1	5
EF007-00	6ES5-431-8MC11	Input Module, 120VAC, 8 Point		1	2
EF007-00	6ES5-451-8MD11	Output Module, 120VAC, 8 Point		1	2
EF007-00	6ES5-451-8MR12	Digital Output Card		1	3
EF007-00	6ES5-931-8MD11	Power Supply, 2A		1	2
EF007-00	CS51 (CE-08)	Salinity Cell for Myron L Salinity Monitor	Zenon Environmental Systems Inc.	1	2
EF007-00	FNQ-R2 1/2	FUSE 2.5A, 600V, SB, 10 x 38mm, Fibre tube, class cc	Q001/CDN(1) QUEALE ELECTRONICS	20	63
EF007-00	KTA3-25-10A	Controller, Motor Circuit	WESCO Distribution - Canada Inc	1	3
EF007-00	OT3-Reset	Reset Kit, External Overload		1	5
EF007-00	PH350CJ	Transformer, 350Va, 480-120VAC, 60Hz	Hammond	1	2
EF007-00	T-22	Thermostat for screw plug heater (MF002-00 PC: 0155)		1	4
EF007-00	T-22	Thermostat for screw plug heater (MF002-00 PC: 0155)		1	2
EF012-00	30313	Fuse Block Midget 30A/600v	Ferraz Shawmut	1	2
EF012-00	DC-982 Galvomag	Calorifier Tank Anode	Plad Equipment Ltd.	1	2
EF013-00	LADN11	AUX CONTACT BLOCK NO/NC	EECOL Electric (Sask) Ltd.	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EF013-00	LC1D25G7	25A CONTACTOR 120V 50/60HZ	EECOL Electric (Sask) Ltd.	1	2
EF013-00	LRD22	OVERLOAD 16-24A	EECOL Electric (Sask) Ltd.	1	2
EF013-00	VC1GUN	20A ENCLOSED SWITCH	EECOL Electric (Sask) Ltd.	1	2
EF013-00	VZ17	Shaft Extension	EECOL Electric (Sask) Ltd.	1	4
EF013-00	VZ7	AUX CONTACTOR 1NO, 1NC	EECOL Electric (Sask) Ltd.	1	3
EG002-00	3RT1044-1AK60	SIE Contactor, 65A Screw TRM 120vac Coil	E.B. Horsman & Son	1	3
EG002-00	3RU1146-4DB0	SIE Overload Relay 25A	E.B. Horsman & Son	1	3
EG002-00	Madison M3205-CN2770	High Level Bilge Sensor (Type IC/RL 1-U)	EMERY E.H. ELECTRIC LTD.(Madison	1	3
EH001-00	Omega LV754	Collection Tank High Level Switch (A75-A-S-012-2-A-0)	OMEGA	1	2
EH001-01	PF3S-N16A1	Input Card		1	2
EH001-01	PF3S-PSA1	Power Supply Card		1	1
EH001-01	PF3S-R161	Output Card		1	2
EH004-00	CP3663T-4-M14C-M14B	MOTOR - 5 HP 450/3/60 3500 RPM 184TC		1	1
EH007-00	N-18003	Detector Head, Model 1401-05, complete assembly	Sierra Monitor Corporation	3	10
EH007-00	N-18004	H2S Calibration Kit	Sierra Monitor Corporation	1	1
EI004-00		Waveguide Attenuators, 7mm cable OD	OSI Maritime Systems Ltd	1	4
EI004-00	3DX	spare MORS Level II HDD	OSI Maritime Systems Ltd	1	3
EI004-00	OM10C-DCE-M-ST	Diode, Fibre Modem (MORS)	MDA Systems Ltd.	2	6
EI004-00	ST3300657SS	Seagate Cheetah 15K Hard Drive 300GB	OSI Maritime Systems Ltd	1	3
EI004-06	F1DN104U	MFC 2/3 OmniView Secure 4-Port KVM Switch	MacDonald Dettwiler and Associat	1	2
EI005-03	0019172	Assy Sub Cable Hydrophone Deck Mold	OSI Maritime Systems Ltd	1	2
EI006-00		Alignment Jig/tube	ORE International Incorporated	1	2
EI006-00	04A122920300	Roller Bearing Assembly		1	3
EI006-00	31582	Friction Disc		1	2
EI006-00	40A021873800	Oil Seal		1	3
EI006-00	40A021878600	Oil Seal		1	3
EI006-00	4630-0034	4630, Ring, Compression Packing		1	2
EI006-00	500-T0D93	Relay		1	2
EI006-00	504453	Connecting Link	SUBAKI	7	26
EI006-00	504453	Connecting Link	SUBAKI	3	15
EI006-00	504956	Torque Limiter, 7/8" Bore		1	2
EI006-00	505305	Switch, Lever, Limit, Roller, Nylon		1	2
EI006-00	800TQB10G	Switch		1	2
EI006-00	800T-QB10R	Switch		1	2
EI006-00	9007CR53B2	Limit Switch - Square D	Wesco Distribution Canada LP	1	2
EI006-00	9007EA11	Lever Arm	Wesco Distribution Canada LP	1	2
EI006-00	9007HA1	Lever Arm	Wesco Distribution Canada LP	1	2
EI006-00	93A120314002	Bearing		1	3
EI006-00	AS-7095-INA (INA)	Thrust Roller Washer (Overboarding Valve)	Western Equipment	3	12
EI006-00	AXK-7095 (INA)	Thrust Roller Bearing (Overboarding Valve)	Western Equipment	2	8

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EI007-00	25411A7562	Fuse 2A, link, BS 88		2	7
EI007-00	271023364	CABLE, CAN HYBRIDCABLE	SAM ELECTRONICS	30	115
EI007-00	271048401	DGS CONTROL UNIT	SAM ELECTRONICS	1	3
EI007-00	271048402	DGS AMPLIFIER CABINET	SAM ELECTRONICS	1	3
EI007-00	271048403	DGS TRANSFORMER UNIT	SAM ELECTRONICS	1	3
EI007-00	271048404	DGS PROBE	SAM ELECTRONICS	1	3
EI007-00	271048405	DGS PROBE CONNECTION BOX	SAM ELECTRONICS	1	3
EI007-00	271048425	INTELLIGENT TERMINAL	SAM ELECTRONICS	1	2
EI007-00	271048601	P.C. Board MPU 317	SAM ELECTRONICS	2	11
EI007-00	271157469	POSITION INDICATOR	SAM ELECTRONICS	1	3
EI007-00	FMGSGO	CABLE, 2 X 2 X 0.75	SAM ELECTRONICS	40	145
EI007-00	KS-02YS(ST+C)H	CABLE, 4 X 2 AWG 24/1	SAM ELECTRONICS	200	600
EI007-00	LMGSGO	CABLE, 3 X 1.5	SAM ELECTRONICS	75	338
EI007-00	LMGSGO	CABLE, 7 X 1.5	SAM ELECTRONICS	15	47
EI007-00	LMGSGO	CABLE, 14 X 1.5	SAM ELECTRONICS	3	15
EI007-00	MGSGO	CABLE 2 X 16	SAM ELECTRONICS	75	359
EI007-00	MGSGO	CABLE, 3 X 6	SAM ELECTRONICS	30	96
EI901-00	6-907-03-017	Toroid Transformer		1	2
EI901-00	6-907-03-032	12 VDC 80 Mm Fan		1	2
EI901-00	6-907-03-066	Pack of Air Filters		2	9
EI904-00	1-292004-000	Kepeco Power Supply	KEPCO INC	1	2
EI904-00	XP31070	SCSI 1gb Hard Disk Drive (x Brandon)		1	2
EI904-01	1-181010-000	Module, ICS, RS-150-S, Serial X-Switch		1	2
EI904-01	3-390016-020	ASSEMBLY, EXHAUST FAN, CONSOLE, MCDV		1	2
EI904-02	3-390018-020	ASSEMBLY BRIDGE MONITOR FAN, MCDV		1	2
EI904-03	12A250211	Toroidal Transformer 117 VAC 1.5 KVA	Plitron Manufacturing Inc.	1	2
EI904-03	12A250211	Toroidal Transformer 117 VAC 1.5 KVA	Plitron Manufacturing Inc.	1	2
EI904-03	12A250211	Toroidal Transformer 117 VAC 1.5 KVA	Plitron Manufacturing Inc.	1	2
EI904-03	17-03801-01or BN21R-03	Cable, Data DEC 3000		1	3
EI904-03	30-42027-01	Cooling Unit		1	3
EI904-03	874-A	Filtered Power Cont.		1	2
EI904-03	LA75R-KA	Nylon Ribbon Cartridge		2	8
EI904-03	LK421-AA	Unix Keyboard		1	2
EI904-04	15-NAV-VT420A	VT420A Terminal - Serial Port	OFFSHORE SYSTEMS LTD.	1	3
EI905-00	4211A-HF 3137 KHz	Hydrophone Transducer Assy		1	1
EI905-01	R-BS-005-D	RS-232-C Cable		1	2
EI905-01	V4DBACD	Grounding Strap		2	9
EI905-04	4110B MOLD	4110B Deck Cable Molded End Only		1	2
EK001-00	051-01036	Bearing Non Drive End (SKF 6314.C3) - Alternator	SKF Canada Limited	1	3
EK001-00	051-01036	Bearing Non Drive End (SKF 6314.C3) - Alternator	SKF Canada Limited	1	3
EK001-00	051-01036	Bearing Non Drive End (SKF 6314.C3) - Alternator	SKF Canada Limited	1	2
EK001-00	6314-2RS	Bearing, Non Drive End (sealed)	Western Equipment Ltd.	1	5
EK001-00	RSK5001	HC4/5		1	3
EK001-01	SKF 6322.C3	Bearing Drive End - Motor	Western Equipment Ltd.	1	4
EK001-02	051-01035	Bearing, Drive End - Alternator	SKF Canada Ltd.	1	4
EK001-02	051-01035	Bearing, Drive End - Alternator	SKF Canada Ltd.	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EK001-02	6220-2RS	Bearing, Drive End (sealed)	Western Equipment Ltd.	1	3
EK001-02	MX321 AVR or E000-23210	Auto Voltage Regulator (AVR)		1	1
EK001-02	RSK-5001	Rectifier Service Kit HC4/5		2	8
EK001-04	QO170	Square D Plug-in Breaker 70A - Use with QOMB1 Mounting Base	EECOL Electric (Sask) Ltd.	1	2
EK001-04	QOMB1	Square D Mounting Base - Use with Plug-in Breaker	EECOL Electric (Sask) Ltd.	2	11
EK001-04	TYPE MN	Masterpact NW Undervoltage Coil 220V Type MN	Schneider Electric Canada Inc.	1	3
EK001-04	TYPE XF	Masterpact NW Close Coil 220V Type XF	Schneider Electric Canada Inc.	1	3
EK002-00	3TH2022-0BB4	Relay	Siemens Canada Ltd	1	2
EK002-00	3TH2040-0BB4	Control Relay	E.B. Horsman & Son	1	3
EK002-00	3TH4244-0BB4	Relay	Siemens Canada Ltd	1	2
EK002-00	3TX4431-2A	Contact Block	Siemens Canada Ltd	1	3
EK002-00	5SX2210	Circuit Breaker	Siemens Canada Ltd	2	8
EK002-00	5SX2232-8	4.116126.7 Circuit Breaker, Alternate, Wartsila		1	3
EK002-00	MX321 AVR	Auto Volt Reg (AVR)	Newage Limited	1	4
EK003-00	3SB1200-0AE53	Switch	Siemens Canada Ltd	1	3
EK003-00	3SB1200-4LB53	Switch Locking	Siemens Canada Ltd	1	2
EK003-00	3SB1218-6BC06	Red Lamp	Siemens Canada Ltd	2	9
EK003-00	3SB1218-6BE06	Green Lamp	Siemens Canada Ltd	2	9
EK003-00	3SB1902-1AE	Contact	Siemens Canada Ltd	2	11
EK003-00	3TH2022-0BB4	Relay	Siemens Canada Ltd	1	3
EK003-00	3TH2040-0BB4	Relay	Siemens Canada Ltd	1	2
EK003-00	3TH4244-0BB4	Relay	Siemens Canada Ltd	1	4
EK003-00	3VU1300-1MM00	Circuit Breaker	Siemens Canada Ltd	1	3
EK003-00	5SX2205-7	Circuit Breaker	Siemens Canada Ltd	1	2
EK003-00	5SX2210-7	Circuit Breaker	Siemens Canada Ltd	1	2
EK003-00	5SX9100	Aux Contact Block	Siemens Canada Ltd	10	30
EK004-00	1607281-1	PRO BEAM JR FO BULKHEAD CONNECTOR	SPAR	1	2
EK004-00	786679-64992	Vari-Depth Handle	Emery Electric Ltd.	1	5
EK004-00	A261391	Ship to shore block - BLACK	DURALINE	1	4
EK004-00	A261392	Ship to shore block - WHITE	DURALINE	1	5
EK004-00	A261393	Ship to shore block - RED	DURALINE	1	5
EK004-00	AJT400	Fuse 400A, 600V, Time Delay Fuse, Class J	GOULD SHAWMUT	2	11
EK004-00	AJT400	Fuse 400A, 600V, Time Delay Fuse, Class J	GOULD SHAWMUT	1	2
EK004-00	AP404610 S22	Shore Power Connection Plug		1	1
EK004-00	AR4042-S22	Connector (Male)		1	1
EK004-00	AR4042-S4	Connector (Female)		1	1
EK004-00	CJT600/HRS1-J	Fuse		1	3
EK004-00	CNCA255100	DURALINE Hinged Cover	WESCO Distribution - Canada Inc	1	3
EK004-00	M185800-BWR	90 Deg Housing Assembly E1022 Style (Import)	Emery Electric Ltd.	1	1
EK004-00	SCB-1919	Shore Power Connection Box	Galaxy Supply Inc. DBA Galaxy Battery	2	6
EK005-00		Spectro Lamp 58-105		1	2
EK005-00	253-TVRG-ZGHG-C6-BD use 2nd Alt.	Voltage Transducer	Crompton Instruments	2	10
EK005-00	253-TVRG-ZGHG-C6-BD use 2nd Alt.	Voltage Transducer	Crompton Instruments	1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EK005-00	256-TWMU-QPHG-C6 + VT/CT + Aux Pwr	PWR Watt XDCR (Ship Service DA)	Crompton Instruments	1	2
EK005-00	50190	GND Fault Monitor		1	2
EK005-00	50395	TR22A Vigilhom GND Fault Monitor - 110V		1	1
EK005-00	685548C	Arc Chute	MERLIN GERIN	1	3
EK005-00	C161H	Circuit Breaker		1	2
EK005-00	C250N	Circuit Breaker- (Galley Breaker) Obsolete		1	3
EK005-00	CA2-DN40F6	Relay, 120V (E/C See Alt Part)	TELEMECANIQUE	1	2
EK005-00	CA3-DN22BD	Relay, 24V	TELEMECANIQUE	1	4
EK005-00	CA3-DN22BD	Relay, 24V	TELEMECANIQUE	1	2
EK005-00	CA3-DN31BD	Relay, 24V (Obsolete, use P/N: CAD32BD)	TELEMECANIQUE	1	3
EK005-00	CA3-DN40BD	Relay, 24V (Use Alt)	TELEMECANIQUE	1	3
EK005-00	E94235	Fuse, 4A, 500V, 10 x 38mm	Ferraz	10	40
EK005-00	E94235	Fuse, 4A, 500V, 10 x 38mm	Ferraz	7	28
EK005-00	ESC 63C-9	Speed Control Unit		1	3
EK005-00	F94236	Fuse 6A		3	12
EK005-00	J81980	Fuse 1A, 500V, gG, 10 x 38mm, ceramic	Ferraz	10	31
EK005-00	L94448	Fuse, 20A		3	15
EK005-00	LA1-DN40	Auxiliary Contacts (Obsolete use P/N: LADN40)		1	2
EK005-00	LA2-DT0	Auxiliary Contacts (See new P/N:LADT0)	TELEMECANIQUE	1	3
EK005-00	LADT2	Time Delay Block	EECOL Electric (Sask) Ltd.	1	2
EK005-00	M205631	Fuse 20A 690V 14mmx51mm		1	2
EK005-00	RG 482MC	Autosynchronizer	Schneider Electric Canada Inc.	1	1
EK005-00	W94250	Fuse, 0.5A, 500V, aM, 10 x 38mm, ceramic		7	28
EK005-00	XBC-D11412M12	Selector Switch	TELEMECANIQUE	1	4
EK005-00	XBC-D11412M12	Selector Switch	TELEMECANIQUE	1	2
EK005-00	ZB2-BD2	Switch Head	TELEMECANIQUE	1	2
EK005-00	ZB2-BE102	Auxiliary Contact		1	4
EK005-00	ZB2-BV01	Signal Unit Head, White	TELEMECANIQUE	7	25
EK005-00	ZB2-BV01	Signal Unit Head, White	TELEMECANIQUE	1	2
EK005-00	ZB2-BV05	Signal Unit Head, Yellow	TELEMECANIQUE	3	15
EK005-00	ZB2-BV6	Signal Unit	TELEMECANIQUE	3	11
EK005-00	ZB4-BVB1	Switch Assembly, Yellow	EECOL Electric (Sask) Ltd.	7	25
EK005-00	ZB4-BVB5	Switch Assembly, White	EECOL Electric (Sask) Ltd.	3	10
EK005-01	8251BR22A13	Potentiometer, 5K, Voltage Adjust		1	3
EK005-01	960133 8	Transformer AGECELEC 50 VA Trans 160 Heating Power, UN 60 KV, 450/115vac	Troy Electric Sales & Service Ltd.	1	2
EK005-01	XBC-Z1M12	Selector Switch Head	TELEMECANIQUE	1	2
EK005-02	H94238	Fuse 10A, 500V, gG, 10x38mm, ceramic	Jentronics Limited	10	35
EK005-02	TPB INS 113	Potential Transformer 450/220V 200VA		1	1
EK005-02	TPB INS 113	Potential Transformer 450/220V 200VA		1	1
EK005-03	252-PAUU-LSBX	Undercurrent Relay	Crompton Instruments	1	2
EK005-03	252-PVAU-PQBX	Relay	Crompton Instruments Ltd	1	2
EK005-03	256-PLLU-PQBX	Relay		1	2
EK005-03	CA2-DC22M6	Relay	TELEMECANIQUE	1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EK005-03	CA2-DN22R6	Relay	TELEMECANIQUE	1	2
EK005-03	LA1 DC22	Auxiliary Contact	TELEMECANIQUE	3	10
EK005-03	TMAC INS 114	Potential Transformer 450/220V		1	2
EK005-03	XBC-D10314C12	SELECTOR SWITCH	Square D	1	2
EK005-04	32538	Back Plate for NS400 Circuit Breaker	MERLIN GERIN	1	1
EK005-04	32693	Circuit Breaker, NS400N (EBT2)	Yves Drevon	1	2
EK005-04	32803	N630 450V Breaker(C/W MT630 Motor & 339 Plug in Base)	MERLIN GERIN (Elite)	1	1
EK005-04	NSF150N 3 P	80 Amp Breaker with coil	MERLIN GERIN	1	1
EK005-06	F-601	Galley Breaker	Emery Electric Ltd.	1	2
EK005-06	KULKA CAT NO. 130	Globe Light Sockets	Emery Electric Ltd.	1	2
EK006-00	LC2-D0901M7	Relay, 220V (Order Alt)	TELEMECANIQUE	1	2
EK006-01	785-946	Current Transformer		1	2
EK006-01	DL1-CE024	Bulb, 24V, 2.6W	EECOL Electronics (Sask) Ltd.	15	50
EK006-01	J81980	Fuse 1A, 500V, gG, 10 x 38mm, ceramic	EECOL Electric (Sask) Ltd.	10	40
EK006-01	Q97511	Neutral Tube		1	5
EK006-01	X94251 (see Alt P/N)	Fuse 1A, 500V, aM, 10 x 38mm	Jentronics Limited	2	11
EK006-01	XBC-D16012M12	Selector Switch		1	2
EK006-01	XBC-D19317M12	Selector Switch		1	2
EK006-01	XBC-D19602C12	Selector Switch		1	2
EK006-02	A94254	Fuse 4A, 500V, aM. 10 x 38mm, ceramic		4	16
EK007-00	2466B-125	Circuit Breaker & Receptacle 2P3W Brass 40 amp Breaker - Pauluhn	WESCO Distribution - Canada Inc	1	1
EK007-00	3MWORMS5-030	Fuse Holder	Siemens Canada Ltd	1	2
EK007-00	3NWOMFS2-002	Fuse 2A, 600V, 60Hz, HrcII (Use 2nd Alt)	Siemens Canada Ltd	2	10
EK007-00	843B-125	MMS Crane Heater Receptacle	WESCO Distribution - Canada Inc	2	5
EK007-00	CED63M015	Circuit Breaker, 15A, 600V	Siemens Canada Ltd	2	8
EK007-00	CED63M020	Circuit Breaker, 20A, 600V	Siemens Canada Ltd	2	8
EK007-00	CED63M030	Circuit Breaker, 30A, 600V	Siemens Canada Ltd	2	8
EK007-00	CED63M050	Circuit Breaker, 50A, 600V	Siemens Canada Ltd	2	8
EK007-00	CED63M100	Circuit Breaker, 100A, 600V	Siemens Canada Ltd	2	8
EK007-00	DSRS3414NA000 (Russellstoll)	30 Amp Receptacle, Switched, Max-Gard (30A/3Ph/600V/60Hz/Encl 4)	Thomas & Betts	1	3
EK008-00		Part of Mounting Kit		5	20
EK008-00	ED43B015	450V Circuit Breaker 15 Amp		2	8
EK008-00	ED43B020	450V Circuit Breaker 20 Amp		2	8
EK008-00	ED43B030	450V Circuit Breaker 30 Amp		2	7
EK008-00	ED43M015	450V Circuit Breaker 15 Amp (50C)		2	8
EK008-00	ED43M020	450V Circuit Breaker 20 Amp (50C)		2	9
EK008-00	LN1-E100	Lugs To Mounting Screw Kits		10	40
EK008-00	SA1-E025	Wire Grip Kit		10	40
EK020-00	665-11111*	Fuse 1A, 250V, FB, 1/4 x 1 1/4", glass tube		2	9
EK020-00	665-11112	Fuse 10A, 250V, QB, 1/4 x 1 1/4", glass tube	Buss	4	19
EK020-00	665-11112	Fuse 10A BX-5		3	15
EK020-00	780-55555	Toggle Switch Large, 10A, 250V, 1 1/2 hp		2	7

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EK020-00	780-8A2021	Toggle Switch Small	Troy	1	5
EK020-00	ABRALED-5G	Green LED	Terra Nova Marine Co Ltd	10	32
EK020-00	ABRALED-5G	Green LED	Terra Nova Marine Co Ltd	3	10
EK020-00	ABRALED-5R	Red LED	Jentronics Limited	10	36
EK020-00	LED A19 6W 2700K FROST	Upper Deck Outside light	Albrite Lighting Ltd	3	12
EK027-00	142374	15KVA TRANSFORMER		1	3
EK029-00	ERHL-2-24V	Hi/Low Voltage Alarm		1	2
EK029-00	P16R-AP120-2R1	Relay		1	2
EK029-00	P16S-DD24-1M1	Engine Cranking Relay		1	2
EK029-00	P17-600-040B1	Silicon Diode		1	2
EK029-00	P17-600-070B3	Diode		1	2
EK029-00	S2C-47A-A14	Surge Protector		1	2
EK030-00	P8-C2-B50	Fuse 50A, 250V, (DCF)		3	11
EK034-00	JA-2031-150V	Surge Protector		1	2
EK034-00	JR706	DC Circuit Breaker		1	2
EK034-00	JR-721	AC Circuit Breaker		1	2
EK034-00	JR-801	DC Circuit Breaker 125a		1	1
EK034-00	JS-548	Diode 125A		1	3
EK034-00	JS-826	Triac 30A		1	2
EK034-00	JS-852	Rectifier Assembly		1	1
EK034-00	NBC-2341-24	Shut Down Board		1	1
EK034-00	T-1845	Filter Choke		1	2
EK035-00	3SB1200-0AB53	Switch		1	2
EK035-00	ED22B015	Circuit Breaker		2	8
EK035-00	ED22B040	Circuit Breaker		2	8
EK035-00	ED22B060	Circuit Breaker		2	9
EK035-00	ED22B080	Circuit Breaker		2	9
EK035-00	ED42B125	Circuit Breaker		2	8
EK035-00	ED42B125	Circuit Breaker		1	2
EK036-00	3SB12 18-6BH01	Pilot Light	Siemens Canada Ltd.	2	7
EK036-00	3SB1200-0AB53	Pushbutton	C&D Charter Power Systems	1	2
EK036-00	3SB1400-2H	Pilot Light Module	C&D Charter Power Systems	1	4
EK037-00	10S D1LM	Auxiliary Contact		1	2
EK037-00	250240 LSNT	Ammeter 0-50A		1	2
EK037-00	250240 LSPB	Ammeter 0-75A		1	2
EK037-00	250240 LSPK	Ammeter 0-100A		1	2
EK037-00	A-NZM6	Shaft Extension		1	2
EK037-00	CL6-63- FORMCDN	Current Limiter		1	2
EK037-00	DIL2AM/22 120 V	Contacto 120V Coil		1	2
EK037-00	H-313.500	Fuse 0.5 A, 250V, SB, 1.4 x 1 1/4", glass tube	LITTEL FUSE	15	47
EK037-00	H-313.500	Fuse 0.5 A, 250V, SB, 1.4 x 1 1/4", glass tube	LITTEL FUSE	1	3
EK037-00	H-313.750	Fuse .75 Amp 75VA	Jentronics Limited	4	16
EK037-00	H6-SW-NAFORM3	Door Int. Handle		1	2
EK037-00	MDE-287	Reset Button		1	2
EK037-00	MLF-BL/F1	Pilot Light Blue		1	3
EK037-00	MLF-BL/F1	Pilot Light Blue		1	2
EK037-00	MLF-GN/F1	Pilot Light Green		1	2
EK037-00	MLF-RT/F1	Pilot Light Red		1	2
EK037-00	MLF-WS/F1	Pilot Light White		1	3
EK037-00	MLT-GN/K11/F1	Illuminated Start		1	3
EK037-00	MLT-RT/K11/F1	Illuminated Stop		1	2
EK037-00	NZM6B-63/ZM6A- 15-NA	Circuit Breaker		2	8

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EK037-00	NZM6B-63/ZM6A-20-NA	Circuit Breaker		2	8
EK037-00	NZM6B-63/ZM6A-40-NA	Circuit Breaker		2	8
EK037-00	NZM6B-63/ZM6A-50-NA	Circuit Breaker		2	8
EK037-00	NZMB-6B/ZM6A-30-NA-NHI-22	Circuit Breaker		2	9
EK037-00	Z1-40	Overload Relay		1	2
EK037-00	ZM6A-15-NA	Trip Block & Aux. Contact		1	2
EK037-02	10700133	Solenoid Valve (Eductor Pilot)	ASCO	1	2
EK037-02	43004154	Coil (for Solenoid Valve (Eductor Pilot) 0047	ASCO (Pacific Controls)	2	7
EK037-02	43004154	Coil (for Solenoid Valve (Eductor Pilot) 0047	ASCO (Pacific Controls)	1	2
EK037-02	EF1 (use Alt)	Lamp Socket		2	8
EK038-00	B10T	Stack Overtemp Switch		1	2
EK038-00	B1PCDVT/1L	Single Phase Dvdt.		1	2
EK038-00	B1SCR-15001850	SCR		2	8
EK038-00	BIFU-M600-002	2A Midget Fuse 600 VAC		2	10
EK038-00	BIFU-M600-004	4A Midget Fuse 600 VAC		2	10
EK038-00	BIFU-M600-006	6A Midget Fuse 600 VAC		2	10
EK038-00	BIPCRS6-AK	6 Pulse Firing Card w/Ribbons		1	2
EK038-00	FA-600	Fan Ventilation		1	2
EK038-00	FA-607	Fan Heatsink		1	2
EK039-00	BQH15	15 AMP Single Pole Breaker	EECOL Electric (Sask) Ltd.	2	8
EK041-00	993052	17/20W Diffuser, GKASA	GLAMOX CANADA	1	3
EK041-00	GKAS	End Caps	GLAMOX CANADA	1	4
EQ001-00		Rear Funnel Light (Red Glass)	None	1	1
EQ001-00		Lighting Fixture #10 Deckhead		1	3
EQ001-00	13353-N	Fluorescent Lamp holder W/Cap nut	LEVITON	2	8
EQ001-00	1510-PW6P	Water Tight Plug	WESCO Distribution - Canada Inc	2	10
EQ001-00	1702020	Lamp HQI 400w R7s (Philips HPI-T 400)	Philips	1	3
EQ001-00	2464B-250	Receptacle	Emery Electric Ltd.	1	2
EQ001-00	2503B-125	Pauluhn Straight (Male) Plug, 15A, 125V	WESCO Distribution - Canada Inc	1	4
EQ001-00	2871BH	3-way Brass Pauluhn Light Switch	Emery Electric Ltd.	1	2
EQ001-00	313	5.0W, T3 1/4, 28V, Clear, Chart Lights	GE Lighting	15	48
EQ001-00	430B-250	Plug	Emery Electric Ltd.	1	3
EQ001-00	8 3/8 x 6 3/4	Red Lens (Temp)	GLAMOX CANADA	2	10
EQ001-00	8 3/8 x 6 3/4	Red Lens (Temp)	GLAMOX CANADA	1	2
EQ001-00	8" X 14" Glass	Red Lens U/O Portable Flood Light	EMERY E.H. ELECTRIC LTD. (ALLIAN	3	13
EQ001-00	8G3867W	Deckhead Lighting Ballast Fixtures #1,2,3,4,5,13 & 14,15,16,18	ALBRITE LIGHTING LTD	3	12
EQ001-00	9 1/4" X 6 3/8" Glass	Red Lens U/O Portable Flood Light		3	10
EQ001-00	CL0094	Tube Lighting Fixture Diffuser	G020/CDN(1) GLAMOX CANADA	4	19
EQ001-00	CL0094G (locally assigned)	Tube Lighting Fixture Diffuser - Galley Lighting	ALBRITE LIGHTING LTD	4	18
EQ001-00	F15T8/WW	Bunk Lighting - Opal Diffuser 1X8W (Use Alt)	GLAMOX CANADA	15	51
EQ001-00	F15T8/WW	Bunk Lighting - Opal Diffuser 1X8W (Use Alt)	GLAMOX CANADA	1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EQ001-00	GCL GCL 231 B	Lighting Fixture #8 Bulkhead		5	21
EQ001-00	Haskell 25T10/CL	Bulb 130V, 25W for Ops Room State Board	HASKELL	1	3
EQ001-00	HBL5258	Receptacles for Brass Outlets (singles) 125V 15A	Hubbell	1	4
EQ001-00	M2726/13-001	Replacement Cap Assembly for 3-XF-407 (Outlet in Fridge Flats)	Dorn Equipment Corp.	1	2
EQ001-00	MH400/T15	Metal Halide Lamp Sweepdeck floods	PHILIPS LIGHTING	2	9
EQ001-00	NV6	Electrical Outlet Cover Brass		1	3
EQ001-00	R 75	Roxtec Round Transit Assembly	Emery Electric Ltd.	1	3
EQ001-00	SP68RC	Ballast Transformer		1	3
EQ001-00	V3120-1X	W/P Switch C/W 1/1/2" Box (Rotary Marine Switch)	GLAMOX CANADA	1	2
EQ001-00	V-6111 (Appleton)	Kondu Watertight Recept, Single Gang, Brass, 15A-125V, Complete Unit		1	2
EQ001-00	ZF 1010	Lampholder Medium Screw Base		3	15
ER001-00	904-00247/R	Bulb Red, 24V, 5W (Red)	Aqua Signal	20	75
ER002-00	40017	Air Compressor Assembly	Airchime Manufacturing Co Ltd.	1	3
ER002-00	40061	Repair Kit, Air Compressor, For 40017 compressor	Airchime Manufacturing Co Ltd.	1	3
ER002-00	AI-15638	Indicator Light Red		2	7
ER002-00	AI-40007-1	Filter		1	4
ER002-00	AI-40013	Heater Assembly	Airchime Manufacturing Co Ltd.	1	2
ER002-00	AI-40015	Bell Assembly, WHISTLE (EC Order Alt)	Airchime Manufacturing Co Ltd.	1	3
ER002-00	AI-40072	Motor Contactor		1	2
ER002-00	AI-40092	Motor Assembly		1	2
ER002-00	AI-BSSAGC3	Fuse 3A, 250V, 1/4x1 1/4", Glass tube	Albrite Lighting Ltd	3	14
ER002-00	KA-40015	Whistle	Emery Electric Ltd.	1	3
ER004-00		MODEL BT28 SELF POWER HORN		1	3
ER006-00	00-00500-19	Radial Seal	Consilium Marine AB	1	3
ER006-00	218001	Fuse 1A, 250V, Slo Blo, 5x20mm, glass tube		7	28
ER006-00	218001	Fuse 1A, 250V, Slo Blo, 5x20mm, glass tube		3	15
ER006-00	2183.15	Fuse 3.15A, 250V, TD, 5x20mm, Glass Tube		10	30
ER006-00	705050	Transducer With 30m Cable Incl. Accessories (71-21433-32)	Consilium Marine AB	1	1
ER006-00	71-21504-00	Zinc Ring	Consilium Marine AB	2	7
ER007-01	125-EN101C-SA	Echo/Depth Sounder, GDS101	Skipper Electronics A/S	1	1
ER007-01	125-EN101C-SA	Echo/Depth Sounder, GDS101	Skipper Electronics A/S	1	1
ER007-03	125-ENIR301	Remote, Depth indicator NMEA Input, IR301	Skipper Electronics A/S	1	3
ER007-04	NE-T0601 BK	Black, Printer Ribbon, Epson	Victoria Marine Electric Ltd	2	9
ER007-04	NE-T0602C	Cyan, Printer Cartridge, Epson	Victoria Marine Electric Ltd	2	9
ER007-04	NE-T0603 M	Magenta, Printer Cartridge, EPSON, CAMS	Victoria Marine Electric Ltd	2	9
ER007-04	NE-T0604 Y	Yellow, Printer Cartridge, Epson, CAMS	Victoria Marine Electric Ltd	2	9
ER008-00	05106	Wind Monitor, RM Young Wind Monitor 40FT Lead	BLUE SKY INSTRUMENTS	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER008-00	435C	RELATIVE HUMIDITY/TEMPERATURE SENSOR	Campbell Scientific Canada Corp.	1	2
ER008-01	WDD24-0.6A5D1-LF or STA-4824AT	Transformer, Wall Plug in, AC/DC, 120/24v, 18W/500ma		1	4
ER008-03	MX201	BAROMETER	Maximum Weather Instruments	1	3
ER011-00	23052-7155	Lamp For Rotary Switch		3	10
ER011-00	31504-7152	Lamp (For Panel Switch)		3	10
ER011-00	D-100055	Monitor, Adaptor Plate, (OLD STYLE)	Offshore Systems International	1	1
ER014-00	A-104D01	Computer (PC), ECPINS, D325 Celeron 2.53 GHz 1GB DDR2 - NX-1497 - Software V5.2.3.2	Offshore Systems International	1	1
ER014-00	D-100055	Monitor Adapter Plate	OSI Maritime Systems Ltd.	1	1
ER014-00	P-300343	19" Monitor, LCD, (NEW STYLE WITH ADAPTER)	OSI Maritime Systems Ltd.	1	3
ER014-00	P-300343	19" Monitor, LCD, (NEW STYLE WITH ADAPTER)	OSI Maritime Systems Ltd.	1	1
ER014-00	PSU1002E-R3	Shinnads KVM Power Supply	CMC Electronics	1	3
ER014-00	SMT1500RM2U	APC Smart UPS 1500 with batteries, with rack mount for Shinnads	MacKay Communications Canada Inc.	1	1
ER014-01	A-300123	Radar Image Overlay Card	OSI Maritime Systems Ltd.	1	4
ER014-01	A-300123	Radar Image Overlay Card	OSI Maritime Systems Ltd.	1	1
ER015-00	BUSS GDC-315mA	Fuse 315mA for Bridge Windows	NEDCO-Division of Westburne	10	30
ER016-00	1279-106	Vee Belt, 30" Stroke (760mm)	M. Kool Transportation Products	1	4
ER016-00	1279-233	Heavy Duty Blade Assembly (wiper) 600MM length	M Kool Inc.	3	10
ER016-00	1588-005	Carriage Plate Assembly - With Rollers	M. Kool Transportation Products	1	3
ER016-00	1588-012	Self Parking Assembly		1	4
ER016-00	1588-452	Idler Pulley Assembly - With Springs	M. Kool Transportation Products	1	3
ER018-00	45.561	Fuse 8A, 250V, QB, 5 x 20mm, glass tube(Interface Unit)	ELU	3	13
ER018-00	603697	Antenna Relay 500	Sailor	1	2
ER019-00	HAD9337 (NAD6502AR)	VHF Antenna, for Portable		1	3
ER019-00	HLN9720A	High Power Leather Carry Case W/Beltloop	MOTOROLA CANADA LIMITED	1	3
ER019-00	HMN9725A	Remote Speaker Microphone	MOTOROLA CANADA LIMITED	1	3
ER019-00	NTN5243A	Shoulder Strap	MOTOROLA CANADA LIMITED	2	11
ER019-01	HTN9702A	Battery Charger	Motorola Inc.	1	3
ER021-00	0020.7430.00	Fuse 1A, 250V, SB, 5x20mm, glass tube, DIN 41517		2	10
ER021-00	0020.7498.00	Fuse 1.6A, 250V, SB, 5x20mm, glass tube		5	20
ER021-00	0020.7630.00	Fuse 6.3A, 250V, SB, 5x20mm, ceramic		2	10
ER021-00	0520.4858.00	Fuse 20A, 32V, QB, 10 x 38mm, glass tube, S1-2		20	64
ER021-00	0583.6012.02 (HMD-410-6)	Dynamic Headphone/Microphone Type GA015	S113/GER(1) Sennheiser	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER021-03	UHF-RF	RF Connector Cable, 12" (Heliac cable to Antenna base)	Atlantic Electronics Limited	3	14
ER022-00	06-ICO-M604	ICOM DSC VHF M604	Victoria Marine Electric Ltd	1	2
ER023-00	371-00012	Filter, Power, VB		1	2
ER023-00	403-00003	LED, Panel Mount, Green	Electro Sonic Inc.	2	7
ER023-00	403-00005	LED, Yellow	Electro Sonic Inc.	2	7
ER023-00	521-00008	Switch, Rocker	Electro Sonic Inc.	1	2
ER023-00	542-00004	Fuse 1A, 250V, 1/4 x 1 1/4", SB, Glass Tube		4	19
ER023-00	904-00034	PWA, Operator Assembly		1	3
ER023-00	908-00136	Handset & cable assembly, RED	Victoria Marine Electric Ltd	1	5
ER023-00	908-00136	Handset & cable assembly, RED	Victoria Marine Electric Ltd	1	2
ER023-00	FCC57 10500 110	Connector, Amphenol		3	10
ER024-00		Navigation Shutter RH	Troy Electric Sales	4	16
ER024-00		Navigation Shutter LH	Troy Electric Sales	4	16
ER024-00		Navigation Shutter LH	Troy Electric Sales	1	2
ER024-00		Navigation Shutter RH	Troy Electric Sales	1	2
ER024-00		Alignment Jig/Template	United Engineering Ltd	1	2
ER024-00		Securing Screw, Signal Light	Playsted Sheet Metal Ltd	4	18
ER024-00	2587B-125	Search Light Receptacle (Brass)	FRANCIS SEARCHLIGHTS (1990) LTD.	1	5
ER024-00	47709893 (Obsolete - See PC 0174 / 0175)	Lamp - Incandescent 115V 1300W	Britmar Marine	1	5
ER024-00	88622 EGT	Lamp - Halogen 120V 1000W (replaces PC 0002)	Albrite Lighting Ltd	1	4
ER024-00	88622 EGT	Lamp - Halogen 120V 1000W (replaces PC 0002)	Albrite Lighting Ltd	1	3
ER024-00	88622 EGT	Lamp - Halogen 120V 1000W (replaces PC 0002)	Albrite Lighting Ltd	1	3
ER024-00	C24466-01	Lamp Holder Conversion Kit G22 110V Incl. Lamp	FRANCIS SEARCHLIGHTS (1990) LTD.	1	3
ER024-00	FSP 250D 10.5"	Mirror Reflective	Troy Electric	1	3
ER025-00	Buss GDB6.3	Fuse 250V, 6.3A U/O Battery Charger	N027/CDN(1) Nedco	7	26
ER025-00	LCL12V24P	12V Battery for KELBAT 12		1	5
ER025-00	SIG0015	KELRED - Red Colour Filter		1	3
ER025-00	SIG0020	KELGRN - Green Colour Filter		1	3
ER025-00	SIG0025	KELDIM - Light Reduction Screen		1	3
ER025-00	SIG0030	KELBUL - 12V Bulb	Associated Marine	3	13
ER026-00	2108340-101	Laptop Computer	Harris Corporation RF Co.	2	6
ER026-00	3185868-101	Reflector Assembly	Harris Corporation RF Co.	2	6
ER026-00	3185905-101	Ku-Band Feed Assembly	Harris Corporation RF Co.	2	6
ER026-00	3185940-101	X-Band Feed Assembly	Harris Corporation RF Co.	2	6
ER029-00	3501F	Filter (For ER029-00-0002)	Kooltronic	1	4
ER029-00	G2475	EMI Filter (UHF Man Aloft Panel)	Electrocube	1	3
ER029-00	Model 1E220C	Fan Unit	McLean Engineering	1	2
ER029-00	TCP2169-2171 Rev A	Power Unit	Pulizzi Engineering INC	1	2
ER029-00	TPC 2169 Rev A	Power Unit	Pulizzi Engineering INC	1	2
ER029-00	TPC 2169-2170 Rev A	Power Unit	Pulizzi Engineering INC	1	2
ER029-00	TPC 2169-2172 Rev A	Power Unit	Pulizzi Engineering INC	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER029-00	YY12-BC0442	Touchpad Keyboard, Cherry G84-5500 XS	CMC Electronics	2	7
ER030-03	5710A/MD001	Modem	Harris Corporation RF Co.	2	6
ER030-07		MHS Computer 2014 Refit	Thales Canada, Defence and Secur	1	2
ER030-07	14804064	Intellicon-4 RS485 I/O Card c/w cables	Thales Systems Canada	1	1
ER030-07	160-MB023	Motherboard	Emcon Emanation Control Ltd	1	2
ER030-07	160-MB023	Motherboard	Emcon Emanation Control Ltd	1	2
ER030-07	356-905-542	Poly Pad Air Filter (4" X 5" X 1/2")	Filtration Plus Limited	30	91
ER030-07	9082-251-02	Hard Drive for MHS Computer	Thales Systems Canada	1	2
ER030-07	915-KYB3-0000	Keyboard	Thales Systems Canada	1	3
ER033-00		Stainless Steel double ended fitted bolts with Acorn nuts for ship's bell	Caird Mechanical Contractors Ltd	3	10
ER033-00	25028	Sounder	Atlantic Aero Marine	1	3
ER033-00	340-10 N5	Check Fire Bell, Gray 10" complete with #349 Mounting Box	Emery Electric Ltd.	2	7
ER033-00	349	Weather Proof Box for 6" & 10" Bells	Pacific Coast Fire Equipment	1	2
ER033-00	ABW 120-R	Check Fire Push (On Pushbutton/Switch Enclosure	Idec Corporation	1	2
ER033-00	ASW 211	Safe to Fire Switch	Idec Corporation	1	2
ER033-00	TW-C01	Contact		2	7
ER033-00	TW-C10	Contact		2	7
ER033-00	UATV-10 BELL	Check Fire Bell (order 4th Alt)	D & L Engineering Sales Ltd.	1	2
ER034-00	LP4-09-028	Piezo Sounder	EECOL Electric (Sask) Ltd.	1	3
ER034-01	A0102-01	Backbox Mounting Unit	REDIFON MEL LIMITED (SPT DIVISION	2	10
ER034-01	A0108	Gen Handle Assembly		2	7
ER034-01	A0114	Generator Mag Assembly		1	4
ER034-02	9011	TELEPHONE COMPLETE	THALES	2	7
ER034-02	A0650-02	RELAY UNITS ASSY 115V	Thales Canada, Defence and Security	2	7
ER034-03	PJ12106T	Enclosure, Mission Intercom Station	REDIFON MEL LIMITED (SPT DIVISION	2	9
ER038-00	11434	Speaker (Cone section only)		1	2
ER038-00	13227	Mini-Lamp 30V, 20ma, side contacts		5	21
ER038-00	13229	Switch Mom		2	7
ER038-00	13352	Switch Latch		1	3
ER038-00	14225	Entertainment Select PCB		1	2
ER038-00	14558	L.S. Amp PCB		1	2
ER038-00	14695	Transformer		1	3
ER038-00	14805	Signal Route PCB		1	3
ER038-00	15082	Call Gen. PCB	Thales UK Ltd.	1	1
ER038-00	15-NAV-20564	2/4 Wire E&M PCB		1	2
ER038-00	16445	Microphone & Plug Assembly (NET Workshop Only)	TELEX	2	8
ER038-00	18220	Relay 24vdc 2P C/O	Omron	2	7
ER038-00	19009	Relay 24v	RS Components	1	3
ER038-00	19558	MIC I/P PCB		1	3
ER038-00	23991-01 or FM905	Admin Telephone (FM905 Feature Phone)		1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER038-00	24488	Power Supply Unit 12V (Model HSU 100-21)		1	1
ER038-00	24639	Thermostat		1	2
ER038-00	25391	Fan		1	3
ER038-00	25400 (Use 2nd ALT P/N)	Power Supply Unit 24V	Victoria Marine Electric Ltd	1	2
ER038-00	386-403670A-00500	FBB Handset & Cradle (SailorThrane)	CMC Electronics	1	2
ER038-00	805-2000	Prosine, Model PS2.0/12/120HW - OLD STYLE	XANTREX	1	1
ER038-00	A0423-02	Circuit Breaker Assembly 4A		1	2
ER038-00	A0425-02	Circuit Breaker Assembly 10A	NOT AVAILABLE FROM MANUFACTURER	1	2
ER038-00	A0622-02	Main Amp		1	2
ER038-00	A0624-01	Display PCB Assembly		1	2
ER038-00	A0700-02	Amplifier PA300B	Thales UK Ltd.	1	1
ER038-00	A0700-02	Amplifier PA300B	Thales UK Ltd.	1	1
ER038-00	A0790-02	Amplifier PA100B		1	4
ER038-00	A0804-02 61AB/PLB/1.0	Logic PCB		1	1
ER038-00	A0804-02 61CD/PLB/1.0	Logic PCB		1	1
ER038-00	CPS2T	Power Amplifier (1160 watt - 10 line)	ElectroVoice	1	1
ER038-00	FTWX-60A	60A 240V AC/DC Fuse		1	2
ER038-01		Dome, Clear, for Flashing Beacon 10790/Blu		2	8
ER038-01	11659	Relay 24V 2P		2	8
ER038-01	11659	Relay 24V 2P		1	2
ER038-01	12893	Protective Cap		3	14
ER038-01	25338	Keypad		1	3
ER038-01	25340	Switch Mom.		2	7
ER038-01	25341	Switch Latch		2	7
ER038-01	9713 (Base Unit)(see ALT)	Telephone Handset Base Unit for ICS Mission Ctrl Stn		1	4
ER038-01	A0636-01 (Use Alt: D070-126)	HEADSET ASSY with Microphone/inline Switch with PTT Switch - (Fat Amphenol Plug)	Victoria Marine Electric Ltd	3	13
ER038-01	A0720-01	Control PCB Assembly		1	2
ER038-01	A0725-02	Telephone PCB		1	2
ER038-01	EXTENSION CABLE	Extension Cable - Fat Amphenol Connectors	REDIFON MEL LIMITED (SPT DIVISION)	1	3
ER038-02	23172 (use second Alt)	MICROPHONE Astatic Model 522	Indus Electronics	2	9
ER038-02	25390	Switch Mom.		1	3
ER038-02	A0496-01	MISSION INTERCOM STATION COMPLETE		1	3
ER038-02	A0496-01	MISSION INTERCOM STATION COMPLETE		1	2
ER038-02	A0497	Bulkhead Socket Box Complete		1	1
ER038-04	17864	W/P LOUDSPEAKER HP 8T (ORDER WITH 6 FT. CORD)	DNH Loudspeakers	1	4
ER038-05	24709-01	CABINET LOUDSPEAKER	Redifon Mel Ltd. (SPT Division)	1	2
ER038-05	HP-15T	Loudspeaker, 15W	Indus Electronics	1	4
ER038-05	MM2TC	W/P LOUDSPEAKER DNH	Indus Electronics	1	5
ER039-00	19181/5A	Fuse 5A, 250V, SB, 5x20mm, ceramic, T 5A		3	14

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER039-00	25220	Telephone Exchange Mitel Sx50 (USE Alternate on West Coast)	Victoria Marine Electric Ltd	1	4
ER039-00	2-9169	Telephone, GE Model # 2-9169	GE Canada	1	2
ER039-00	9104-001-000-SA	Power Supply	Mitel Corporation	1	2
ER039-00	9104-001-000-SA	Power Supply	Mitel Corporation	1	2
ER039-00	9104-011-106-SA	Generic Module	REDIFON LIMITED (COMMUNICATIONS)	1	2
ER039-00	9104-024-001-NA	DNIC Line Card	Mitel Corporation	1	3
ER039-00	9104-030-101-SA	LS/LG Trunk Card	ALLSTREAM INC., DARTMOUTH, NS	1	1
ER039-00	9104-041-001-SA	E & M Trunk Card	REDIFON MEL	1	2
ER039-00	9104-060-101-SA	Attendants Console	Delphi Solutions Inc.	1	2
ER039-00	A0426-02	Circuit Breaker 16a 48VDC		1	2
ER039-00	AAAF13653	Superset 410 Light (Brow Phone)	Mitel Corporation	1	5
ER039-00	FANWR2H1	Fan (C/W 3 Parts)		1	2
ER039-00	Fuse 15A	Fuse 15A, 32V, QB, 1/4 x 1 1/4, glass tube, Tel 15		3	11
ER039-00	LSTTRS-4	M24643/13-02VN XL PolyO Monroe Data Cable	WESCO Distribution - Canada Inc	100	440
ER039-00	Q1T-00300-341	Timer		1	2
ER039-00	SK3113	Thermostat		1	2
ER039-00	Tel 3A Fuse (Use 2nd Alt P/N)	Fuse 3A Fast Blow 250V 1/4 x 1 1/4 Glass		3	10
ER039-00	Tel 3A Fuse (Use 2nd Alt P/N)	Fuse 3A Fast Blow 250V 1/4 x 1 1/4 Glass		3	10
ER039-00	Tel 3A Fuse (Use 2nd Alt P/N)	Fuse 3A Fast Blow 250V 1/4 x 1 1/4 Glass		1	3
ER039-00	Tel 5A Fuse	Fuse 5A Fast Blow		3	12
ER039-00	V9104002SA	Control Card Kit	Mitel Corporation	1	2
ER040-00	10522/1A	Fuse 1A A/S		3	10
ER040-00	10522/500mA	Fuse 500mA, 250V,TD, 5 x 20mm, ceramic, A/S		5	20
ER040-00	18976/1A	Fuse 1A 20mm		5	20
ER040-00	18976/500mA	Fuse 0.5A, 250V, SB, 5 x 20mm, glass tube		7	28
ER041-00	A3331	CCA PB8		1	1
ER041-00	AGC-2	Fuse, 2A, 250V, FB, 1/4x1 1/4", glass tube		2	7
ER042-00	EA-351A	H TYPE VHF ANTENNA	Adcock	1	1
ER045-00	MV-10S	Loudhailer	FANON	1	2
ER047-00		Cables used for Tests/Trials		1	5
ER047-00	2935000102	Cable Assy, EPC-1-2	NERA Telecommunications	2	7
ER047-02		Set of Drive Belts (90XL, 110XL, 140XL, 200XL, 212XL)	NERA Telecommunications	1	2
ER047-02	1124 65-7	Step Moto (Level Platform)	NERA Telecommunications	1	2
ER047-02	QDGS 911 903	Display Handset	NERA Telecommunications	1	2
ER047-02	SEC5	Fuse Class G 600V 100kA		2	9
ER047-02	SMN-2381 (New)	MCU Power Supply 220/110V		1	3
ER047-02	SMN70100	Fan (Complete)	NERA Telecommunications	1	2
ER049-00	100-001A500	Wire Braided 0.5in -Item 4017	WESCO Distribution - Canada Inc	1	4
ER049-00	AP-270-MNT-H1	Aruba Mount Kit	WESCO Distribution - Canada Inc	1	2
ER049-00	ISR4331/K9	Cisco ISR 4331 Router	WESCO Distribution - Canada Inc	1	2
ER049-00	JW180A	AP277 Outdoor Wireless Ap	WESCO Distribution - Canada Inc	1	1

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER049-00	JW678A-RW	Aruba 7010-RW Mobility Controller	WESCO Distribution - Canada Inc	1	1
ER049-00	JW679A	Aruba 7010-US Mobility Controller	WESCO Distribution - Canada Inc	1	2
ER049-00	JY706A	AP220-MNT-W3 Low profile secure AP mount kit	WESCO Distribution - Canada Inc	2	7
ER049-00	NIM-LTEA-EA	CAT6 LTE Advanced NIM for Europe and North America	WESCO Distribution - Canada Inc	1	2
ER049-00	NIM-LTEA-LA	Cat6 LTE Advanced NIM for LATAM and APAC	WESCO Distribution - Canada Inc	1	4
ER050-00	10121-1011	Air Filter HF Radio Comm Sys	VICTORIA MARINE ELECTRIC LTD.	1	5
ER050-00	F-0011	Fuse 1.5A, 250V, QB, 1/4 x 1 1/4", glass tube		2	10
ER050-00	N20-0004-001	LED RED		7	27
ER050-00	N20-0004-011	LED GREEN	Albrite Lighting Ltd	5	22
ER050-00	N20-0004-021	LED YELLOW		3	14
ER050-01	F03-0002-005	Fuse 1/8A, 250V, SB, 1/4 x 1 1/4", glass tube, 3AG	Harris Corporation	2	8
ER050-01	F03-0002-022	Fuse 1.5A, 250V, SB, 1/4 x 1 1/4, glass tube 3AG	Harris Corporation	10	30
ER050-01	F03-0002-022	Fuse 1.5A, 250V, SB, 1/4 x 1 1/4, glass tube 3AG	Harris Corporation	3	15
ER050-02	10257-1117	Gasket Cover		1	2
ER050-02	6902-1013	Motor Assembly		1	2
ER050-02	6902-1209	Air Filter		4	16
ER050-02	MS3112E20-41S	Connector		1	3
ER050-02	Z07-0007-058	Belt Motor	Harris Corporation RF Co.	1	1
ER050-03	F-0015	Fuse 5A, 250V, QB, 1/4 x 1 1/4", glass tube	HARRIS CORPORATION RF COMMUNICAT	3	11
ER050-03	F-0038	Fuse 3A, 250V, SB, 1/4 x 1 1/4", glass tube	HARRIS CORPORATION RF COMMUNICAT	3	11
ER050-03	F03-0002-014	Fuse 0.5A, 250V, TD, 1/4 x 1 1/4", glass tube	HARRIS CORPORATION RF COMMUNICAT	3	11
ER050-05	SKT-33-1-AEL01	Switch, Key DPDT	Augut	3	12
ER050-05	TF351-4C-2/24VDC	Relay K8	Anchor Marine Electric Ltd.	1	2
ER051-00	SX019M201510004	Shawflex SX 15C 20 AWG Marine Shipboard Cable (Price per metre)	Harris Corporation RF Co.	40	190
ER051-00	Tank	Nitrogen Tank	Mackay Communications Canada Inc	1	2
ER053-00	F03-0002-024	Fuse 2A, 250V, SB, 1/4 x 1 1/4", glass tube		20	66
ER054-00	6902-0327	Air Filter		2	9
ER054-00	F02B125V5A	125V 5A Fuse		2	7
ER054-00	F02B250V3/4A	Fuse 3/4A, 250V, SB, 1/4 x 1 1/4", glass tube	Harris Corporation	15	50
ER054-00	F02B250V3/4A	Fuse 3/4A, 250V, SB, 1/4 x 1 1/4", glass tube	Harris Corporation	3	13
ER054-00	F03-0002-029	Fuse 4A, 250V, TD, 1/4" x 1 1/4", Glass Tube		2	10
ER054-00	F03-0002-034	Fuse 10A, 32V, SB, 1/4 x 1 1/4", glass tube		1	2
ER054-00	F03-0003-013	Fuse 2A, 250V, SB, 1/4 x 1 1/4", ceramic		4	17
ER054-00	F03-0003-016	4A Fuse		3	13
ER054-00	MS25252-C7A	Lamp		10	30
ER055-00	10075-1151	Line Filter 5A	Harris Corporation	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER055-00	N21-0026-001	LED Red Diffused	Albrite Lighting Ltd	3	14
ER058-00	JAX-9A	Marine Weather Fax	Japan Radio Co., Ltd	1	2
ER059-00	TP10615	Marine Fax Thermal Paper (10.6" X 50 Ft)	ALDEN ELECTRONICS INC.	4	19
ER062-00	BASE	HF RECEIVE ANTENNA ALUMINUM BASE	United Engineering Ltd	1	2
ER063-00	123599-2	LNB Antenna	Mackay Communications Canada Inc.	1	5
ER063-00	23-2244A-0	Rotary Coupler (joint/union)	Diamond Antenna	2	5
ER063-00	2606-2257	SAT TV Receiver	Network Innovations	1	2
ER063-00	3100	Digital Satellite TV Receiver	Bell ExpressVu	1	4
ER065-00	CCTV	CCTV Camera 18-32vac/12vdc High Resolution - Pelco	Emery Electric Ltd.	2	10
ER065-00	FPS2024	Power Supply 120V, 26W, 60Hz	ATC-Frost	1	2
ER066-00	FPS2024	Power Supply 120V, 26W, 60 Hz	ATC-Frost	1	2
ER066-00	IF-1	Interface Adapter	Louroe Electronics	1	2
ER066-00	SRC-800A	Video Cassette Recorder (Sanyo)	Sanyo	1	2
ER066-00	Verifact A	Omni-directional Microphone	Verifact	1	2
ER066-00	WZ46ZN8108WC- N	Integrated Day/Night Dome Camera (obsolete on east coast)	WIZKID Optotech	1	2
ER067-00	CCTV Monitor MCR	19" LCD Monitor, HD 720P (TATUNG)	Emery Electric Ltd.	1	2
ER067-00	FCS1624	Camera Power Supply, I/P 120v, 60Hz, 220w - O/P 16 x 24vac, 0.5A	ATC Frost	1	2
ER067-00	VA6112	Sequential Switcher, 12 camera & alarm inputs, 120vac	Pelco	1	2
ER069-02	AISA300080 OLD# AISA1-000- 80	Transponder	L3 Communications Corp (Aviation)	1	2
ER069-03		LEXAN Antenna Cover	Victoria Marine Electric Ltd	2	10
ER069-03	VHF-156-HD	VHF Antenna	Troy Electric	1	2
ER070-03	CAC 760S-BF4A1	Telephone Network Interface C/W Installation Software	Globalstar Telecommunications Lt	1	3
ER070-04	GSP-2400	Kit, Radio Antenna Unit, Antenna, Junction Box & Mounting Hardware	Globalstar Telecommunications Lt	1	2
ER070-05	NSX5T	Fixed Wireless Terminal	Telular	1	5
ER070-06	CELDUAL-2	Antenna	Telus	1	2
ER070-06	CV90-81424-50	Cable	Globalstar Telecommunications Lt	1	2
ER070-06	CXPRS0511	Power Supply, Battery Backed	Qualcomm Inc.	1	2
ER070-07	FAX 775C	Intellifax-775C	Brother	1	3
ER070-09	KX-TDA3174XJ	8-Port Single Line Extension Card (1 card inside KX- TDA30C)	Panasonic	1	4
ER071-00	245314-85	Feed Thru Ass'y	Northrop Grumman Sperry Marine B	2	8
ER071-00	65800727-3	Manual Set - BME	Northrop Grumman Sperry Marine B	2	9
ER071-00	SCE-78	Feed Thru, Single for 7/8 Cable	Northrop Grumman Sperry Marine B	2	8
ER071-01	65608/A-7	Antenna - 8 FT.	Northrop Grumman Sperry Marine B	1	1
ER071-02	65801811-7	DC Motor Drive Cards	Northrop Grumman Sperry Marine B	1	2
ER071-02	91003765-6	BME Motor Gearbox Assy	Northrop Grumman Sperry Marine B	1	2
ER071-03	MG5424	X Band Magnetron	Sperry Marine Canada	1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER072-00	T65800811-10	Processor Display PCB	Northrop Grumman Sperry Marine B	1	1
ER072-00	T65801801-11	Trigger Board, BME S-Band	Northrop Grumman Sperry Marine B	1	2
ER072-00	T65801805-4	PCB Assy, BRG/HDG MRKR S-Band	Northrop Grumman Sperry Marine B	1	3
ER072-00	T65801814-5	PCB Assy - INPUT (Bulkhead)	Northrop Grumman Sperry Marine B	1	2
ER072-00	T65801820-5	PCB Assy INPUT (Bulkhead)	Northrop Grumman Sperry Marine B	1	2
ER072-01	65612A-14	Antenna - 12Ft	Northrop Grumman Sperry Marine B	1	1
ER072-02	T65830645-3	Gearbox	Northrop Grumman Sperry Marine B	1	1
ER072-02	T91003751-6	Motor Assembly	Northrop Grumman Sperry Marine B	1	1
ER073-00	BN-512HSRC	Memory Card, 512K	Panasonic	4	18
ER073-00	T65800818	OPS Room Console Back Plane	Northrop Grumman Sperry Marine B	1	1
ER073-01	65923C-2	LCD Display Flush Mount 23"	Northrop Grumman Sperry Marine B	1	2
ER073-04	65840A-3	Display Compatibility Unit	Northrop Grumman Sperry Marine B	1	1
ER075-00	1607281-1	Cable Assembly, Fibre Optic, Bulkhead, 62.5/125 PRO	WESCO Distribution - Canada Inc	1	4
ER075-00	1919479-1	Fiber Optic Cable Assembly c/w Reel - 100 metres	Cisco Canada	1	3
ER075-00	5J77Y	Broadcom 5720 DP 1GB Network Interface Card - Dell #540-BBGW	Emery Electric Ltd.	1	2
ER076-01	022561	Gyro Container Mod.	Northrop Grumman/Sperry Marine	1	2
ER076-01	022638	Installation Kit	Northrop Grumman/Sperry Marine	1	2
ER076-01	074807	Mastercompass NAVIGAT X MK 1 Mod. 10	Northrop Grumman/Sperry Marine	1	1
ER076-01	074829	Gyrosphere Type 3	Northrop Grumman/Sperry Marine	1	1
ER076-02	MD04UPS	24VDC Uninterruptible Power Supply	Northrop Grumman/Sperry Marine	1	1
ER076-05	GICLWE	Multiplexer Magic Plex 8	Northrop Grumman/Sperry Marine	1	1
ER076-06	074880	Bearing Repeater Compass	Northrop Grumman/Sperry Marine	1	4
ER076-06	074886-01	Bearing Repeater Bracket	Northrop Grumman/Sperry Marine	1	5
ER076-06	075135	Prismatic Azimuth Device PV23	Northrop Grumman/Sperry Marine	1	1
ER078-00	DSL-6-B-D	On/OFF Lock Key Switch DPST 50mA, 250V	Jentronics Limited	2	9
ER080-02	270-3148-302	Dual External Cavity Filter, UHF, 4RU	Rockwell Collins Canada Inc.	2	7
ER907-00	125-ETN050T	Transducer, 50 KHz x 25M Cable with junction box	CMC Electronics	2	8
ER907-00	125-ETNST	Tank, Transducer	CMC Electronics	2	6
ER907-00	125-GDS-101	Operation and Install Manual GDS-101	CMC Electronics	1	3
ER907-00	125-GDS-101 Service	Service Manual, GDS-101	CMC Electronics	2	10
ER907-00	125-IR30DIM	External Dimmer for IR 300/1	CMC Electronics	2	8
ER907-00	D90-01545	Transducer (Custom - 50Khz) (25m Cable)	AIRMAR Technology Corp	1	2
ER907-00	D90-01616	MCDV NAVIGATION ECHO SOUNDER COMPLETE		1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER907-00	D90-01616	MCDV NAVIGATION ECHO SOUNDER COMPLETE		1	2
ER907-00	Installation 74	CD-ROM with Manuals	CMC Electronics	2	10
ER907-00	KND320	Echo Sounder Paper (Thermal)		2	7
ER909-00	1.504 434	Anti-Mist Cartridge Holder		1	5
ER909-00	1.760 590	Fuse 2A M2 G DIN 41577	WICKMAN	3	13
ER909-00	1.762 035	Fuse 4A, 250V, TD, ¼" x1¼", Glass Tube	WICKMAN	5	22
ER909-00	1.762 035	Fuse 4A, 250V, TD, ¼" x1¼", Glass Tube	WICKMAN	3	10
ER909-00	1.762 039	Fuse 2.5A, 250V, SB, 1/4 x 1 1/4", glass tube, T2 19343	WICKMAN	2	10
ER909-00	132-606.02	Changeover PCB		1	1
ER909-00	15-Nav-1504634	Lamp , Repeater Type 133-303 (Inside), 60V, 3W	Jentronics Limited	5	21
ER909-00	AW124-049	Selector Switch		1	2
ER909-00	NB10-382	Transformer		1	2
ER909-00	NB-12 E 48-19	Lamp, 28V, 60ma	Alba	1	5
ER909-00	T 1A DIN 41662	Fuse 1A, 250V, 5x20mm, Time Delay, glass tube		10	44
ER909-00	T 6.3A 250V	Fuse 6.3A, 250V, TD, 5 x 20mm, glass tube	WICKMAN	10	30
ER909-00	T 6.3A 250V	Fuse 6.3A, 250V, TD, 5 x 20mm, glass tube	WICKMAN	1	3
ER909-01	1.792201	Vibration Damper, Rubber Pad SJ-5027	ANSCHUTZ & CO. GmbH	20	72
ER909-02	121-043.05E02	Wiring PCB		1	2
ER909-03	135-075.SA200	ALARM UNIT	Anschutz & Co GmbH	1	2
ER909-05	132-338 E 03	Synchro Booster	ANSCHUTZ & CO. GmbH	1	4
ER909-05	132-603 NG...	Course Transducer	VICTORIA MARINE ELECTRIC LTD.	1	2
ER909-06	FP-190	Bearing Sight	ANSCHUTZ & CO. GmbH	1	2
ER909-06	NB-12-46	Mini Lamp, Bridge Wing Repeats		4	17
ER910-00	KGP-920	Koden GPS Navigator	Koden	1	1
ER910-00	KGP-920	Koden GPS Navigator	Koden	1	1
ER910-01	LM24010Z	Display	MAGNAVOX ELECTRONIC SYSTEMS COMP	1	4
ER910-07	10447-1050-001	Power Supply Assembly	Harris	1	2
ER910-08	SWL030A-FFF	ABC-9 4-1 Switch		1	2
ER910-08	SWL031A-FFFF	ABCDE-9 4-1 Switch		1	2
ER912-01	45-615-162-50	Fuse FS3 5A (Anti-Surge)	Kelvin Hughes Ltd	4	16
ER912-01	45-615-162-50	Fuse FS3 5A (Anti-Surge)	Kelvin Hughes Ltd	2	9
ER912-01	45-646-130-99	Magnetron 25kW Type MG5218-EEV (use second Alt)	Kelvin Hughes Ltd	1	2
ER912-01	45-646-130-99	Magnetron 25kW Type MG5218-EEV (use second Alt)	Kelvin Hughes Ltd	1	2
ER912-01	45-677-105	Power Supply Unit	Kelvin Hughes Ltd	1	1
ER912-01	45-881-106	Tracker ball	Kelvin Hughes Ltd	1	2
ER912-01	CTX-A201	Modulator 25KW	Kelvin Hughes Ltd.	1	1
ER912-01	CTX-A230	R.F Head 25 KW	Kelvin Hughes Ltd.	1	2
ER912-01	HRC-A102	Input / Output PCB	Kelvin Hughes Ltd	1	3
ER912-01	HRC-A108	NAVCARD Interface (Optional)	Kelvin Hughes Ltd	1	2
ER912-01	HRC-A109	Monitor Input PCB	Kelvin Hughes Ltd	1	2
ER912-01	HRC-A159	System PCB	Kelvin Hughes Ltd	1	1
ER912-01	HRC-A159	System PCB	Kelvin Hughes Ltd	1	1
ER912-02	15-NAV-CAEA415	Kelvin Hughes 25KW Rotating Joint	KELVIN HUGHES LTD	1	1

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ER912-02	20-287-4542-49	Spirol Pin 2.5 Diameterx16 Long Type MDP		1	3
ER912-02	25-781-739	Drive Shaft Seal Type VA 0095		1	3
ER912-02	45-681-905	Brush Set		1	3
ER912-02	CAE-1415	Gear	KELVIN HUGHES LTD	1	3
ER912-02	CAE-1415	Gear	KELVIN HUGHES LTD	1	3
ER912-02	CAE-1605	Gear	KELVIN HUGHES LTD	1	3
ER912-02	CAE-A106-2	Heading Line/Azimuth PCB Assembly		1	2
ER912-02	CAE-A303	X Band Antenna Motor	KELVIN HUGHES LTD	1	3
ER913-00	5753-002	Oil Klubber Syntheso D220	Atlantic Aero Marine	1	2
ER913-01	CTX-A136	25kW S BAND R.F. Head	KELVIN HUGHES LTD	1	2
ER913-02	CAE-A122	Assembly of Rotating Joint		1	1
ER913-02	Various	Rebuild Kit for the "S" Band Radar Drivetrain	KELVIN HUGHES LTD	1	1
ER913-03	45-615-164-33	Fuse, 6.3A 250V, QB, 5x20mm, glass tube		7	28
ER913-03	45-647-196	Monitor CRT	CMC Electronics	1	1
ER913-03	45-683-155	Fan		1	2
ER913-03	45-688-515	Battery NI-CAD 3.6V, Type MP3, (Interswitch Unit)		1	2
ER913-03	45-688-522	Battery, Rechargeable		1	4
ER913-03	45-910-417	Power Supply Unit	Kelvin Hughes Ltd.	1	1
ER913-03	45-910-418	Tube Base Board		1	2
ER913-03	CZZ-A146/2	Serial Link Adapter PCB		1	2
ER913-03	HRC-A131	ARPA 5V Supply		1	2
ER913-03	HRC-A198	ARPA Computer Kit		1	1
ER913-03	HRC-A417-1	Magnetic Compensation PCB		1	2
ER913-03	HRC-A417-1	Magnetic Compensation PCB		1	2
ER913-03	HRC-A449	Magnetic Sensor PCB Assembly		1	2
ER913-03	ZM 1617	Dongle		1	3
ER913-03	ZM 1685 (4.0)	Processor Software		1	3
ER913-03	ZM 1686	New Slab Software		1	2
ER913-04	CZZ-A102	Main Electronics PCB		1	1
ER913-04	CZZ-A103	Processor PCB	KELVIN HUGHES LTD	1	1
ER913-04	CZZ-A12-3	Man-Aloft Switch Assembly		1	2
ER958-00	6ZPTS 00108	JAX-9 Marine Fax Paper		2	11
ER958-00	TP10650	Marine Fax Thermal Paper (10.6" X 50 Ft)	Alden Electronics Ltd	10	36
ES001-00	CK102-208V	8" Surface Element	Marks Restaurant Service	1	3
ES004-00	NNST681S	Microwave	Marks Restaurant Service	1	2
ES005-00		Condensing Unit-(used)	Johnson Controls	1	1
ES005-00	MHL-10-10-ADU	Foster, SST Refrigerator/Freezer	FOSTER REFRIGERATION OF CANADA(D	1	2
ES008-00	45GG20AG	Contactora, OLD Dishwasher	EB Horsman & Sons	1	3
ES009-00		Set of Piping for New Style Garburator	Caird Mechanical Contractors Ltd	1	1
ES009-00	BQ3B020H	Galley Garburator Breaker 20 amp 3 pole	E.B. Horsman & Son	1	5
ES009-00	FD3-150	Garburator, 230/460V, 60 Hz, 3 Phase, 1725 RPM, HP 1.5	Hobart (Canada)	1	1
ES010-00	102973-00019	Mobilgear 634 Heavy-Duty Industrial Gear Lubricant		2	7
ES012-00	WPW10467289	Water Temp Sensor, (MAYTAG ONLY)	Marks Restaurant Service	4	17
ET003-00	M9300-22	Bearing, NDE		1	3
ET003-00	M9300-70	Bearing, DE		1	3
ET005-00	1985-SP-080-01	FAN MOTOR 450V 3 PHASE 60 Hz 15 HP		1	1

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ET005-00	1985-SP-080-01	FAN MOTOR 450V 3 PHASE 60 Hz 15 HP		1	1
ET005-00	6209-2RS1	Bearing, NDE	SKF Canada Ltd.	1	2
ET006-00	32R2111T	Lamp, Indicating, 125V, 1/3W, Red (suspect ship index)		15	50
ET006-00	32R2112T	Lamp, Indicating, Gr (suspect ship index)		2	8
ET006-00	94-2822-CV1F	Overload Fan		1	5
ET006-00	94-2822-D0687	Stage, ctrl Cooling		1	3
ET006-00	94-2822F32A	Fuse 2A AHU Control Panel		15	50
ET006-00	94-2822-FDPA43	AHU Control Panel		1	1
ET006-00	94-2822-GV1PH	Overload, Preheat		1	4
ET006-00	94-2822-GV3RH	Overload, Preheat		1	3
ET006-00	94-2822MY4	Relay		1	4
ET006-00	94-2822-PH- DPA23	Contact, Preheat		1	4
ET006-00	94-2822-PH- DPA53	Contact, Reheat		1	2
ET006-00	94-2822-SNPTC6-4	Temperature Sensor		1	2
ET006-00	94-2822-TR910-4	Preheat Controller	Eliwell Electronic Controls	1	2
ET006-00	94-2822-TR910-RC	Reheat Controller	Kaycom Inc	1	2
ET006-00	94-2822-TRPMH	Timer		1	3
ET006-00	G2RIS 24	OMRON HVAC control relay	NEDCO-Division of Westburne	1	5
ET006-00	ZB2 BZ102	SWITCH CONTACTS	TELEMECANIQUE	1	5
ET006-00	ZB2 BZ103	SWITCH CONTACTS	TELEMECANIQUE	1	4
ET006-00	ZB2-BZ101	Switch, Contacts	TELEMECANIQUE	3	15
ET014-00	704.900.4	Push Button Switch		2	7
ET015-00	INV-048	Blast Heater Control Knob	NEDCO	20	66
ET016-00	5090	Convection Heater Thermostat Knob		3	15
ET016-00	5090	Convection Heater Thermostat Knob		1	3
ET016-00	5449408	T2RIB-05-230 Heater, 500W, 230V, 2 POLE	TELCO	1	4
ET016-00	5449416	T2RIB-10-230 Heater, 1000W, 230V, 2 POLE	TELCO	1	2
ET016-00	5449468	T2RIB-08-230 Heater, 800W, 230V, 2 POLE	TELCO	1	2
ET016-00	880011030	Control Knob (Plastic)	S101/CDN(1) STORK- CANADA INC.	1	2
ET016-00	G1-617-000 or LR32079	Thermostat for Bridge Heater	Emery Electric Ltd.	1	3
ET018-00	6201-2RS1	Bearing, NDE		1	2
ET020-00	3RH2431-1AK60 (replaces 3UA5500- 0G)	Overload Relay	E.B. Horsman & Son	1	3
ET020-00	3TF4422-OAK61	Contact (See Alternative Parts)	SIEMENS OF CANADA	1	2
ET020-00	3TF4822-OAK61	Contact 75A 3P 120vac 2NO/2NC AUX	E.B. Horsman & Son	1	2
ET020-00	3TH3022-OAK6	Relay	SIEMENS OF CANADA	1	2
ET020-00	3UA55 00-0E	Thermal Overload	SIEMENS OF CANADA	1	2
ET020-00	3UA55 00-0G	Thermal Overload	SIEMENS OF CANADA	1	2
ET020-00	3UA55 00-0K	Thermal Overload Relay	SIEMENS OF CANADA	1	2
ET020-00	3UA55 00-1F	Thermal Overload	SIEMENS OF CANADA	1	2
ET020-00	BAF-5/10	Fuse 0.5A, 600V, QB, 10 x 38mm, Fibre tube		15	45
ET020-00	HRC1-CA (Cat No. CNS1)	Fuse 1 Amp (IR 200kA, 60Hz, 600V)	GEC ALSTHOM	15	56
ET020-00	MSF362L	Switch 60A	SIEMENS OF CANADA	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ET023-00	3UA55 00-1A	Thermal Overload (See Alternative Parts)	SIEMENS OF CANADA	1	2
ET023-00	3UA55 00-1B	Thermal Overload	SIEMENS OF CANADA	1	2
ET023-00	RLF-WS/F1	Light Indicator, white		3	12
ET023-00	RLT-GN/K11/F1	Pushbutton, Green		1	2
ET024-00	10J918Z360	Baldor Motor for Machine Space Supply Fan 30/4HP 1770/880RPM 230/460V 326TCZ	Troy Electric Sales & Service Ltd.	1	1
ET024-00	1985-103-06	Resilient Mount	Bronswerk	3	12
ET024-00	FK-1-10 & FK-2-10	PH & PT Transformer Secondary Fuse Kit	Hammond Manufacturing	15	50
ET024-00	KM51GP	Transducer, NT3000 (Model # NT3002142SNB00)	Victoria Shipyards Co. Ltd	1	2
ET025-00	184T, TEAO	Axial Fan Motor 450v 3 Phase 60 Hz 3400/1700 RPM 5hp	Johnson Controls L.P.	1	1
ET026-00	1985-102-04-EF3- MOT-DEB or 6307-2RS1	Bearing, DE	Stork Canada Inc	1	2
ET026-00	1985-102-04-EF3- MOT-NDEB or 6206-2RS1	Bearing, NDE	Stork Canada Inc	1	2
ET028-00	6204-2RSI	Bearing Non Drive End		1	2
ET031-00	6312-2RS	Bearing, DE		1	2
ET031-00	967	Bulb 130V, 20mA	Albrite Lighting Ltd	50	210
ET032-00	6211-2RS	Bearing, NDE		1	3
ET032-00	6212-2RS	Bearing, NDE		1	3
ET032-00	6311-2RS	Bearing, DE		1	2
EU010-00	0003284	Battery Pack Multibeacon NiCad	Mine Safety Appliances Company	1	3
EU010-00	ACR2714NH	ACR Transponder Pathfinder 3 SART	TROTAC Marine Ltd	1	5
EU010-02	82-800-003A	McMurdo EPIRB Smartfind E5 V2 Manual #3	TROTAC Marine Ltd	1	3
EU010-02	D1082897A	McMurdo Manual Bracket Kit	MacKay Communications Canada Inc	2	9
EU010-02	D1082935A	Lanyard	MacKay Communications Canada Inc	1	2
EU010-02	DBC82-814-001A	Kannad Man EPIRB Sportpro	TROTAC Marine Ltd	1	3
EU010-02	DBCDEP06054	McMurdo Smartfind E8 Auto/No GPS	TROTAC Marine Ltd	1	2
EU014-00	340-6 N5	AC Vibrating Bell, 120V AC, 92 dB @ 3 meters man overboard bell 8" grey	Troy Life and Fire Safety	1	3
EV001-00	500-533-00	Plate Gasket for Polar Remote Control 2100B	ARVA Industries Inc.	1	5
EV001-00	500-823-01	Bellows Clamp Plate for Polar Remote Control 2100B	ARVA Industries Inc.	1	5
EV001-00	E452A3A30012000	Brad Harrison Connector for Solenoids	Woodhead Industries Inc.	20	70
EV001-00	XS1M18DA210 (Use First Alt)	Inductive Proximity Switch (Hand Pump)	TELEMECANIQUE	2	9
EV001-03	A-120655 (Use 3rd Alt)	Power Supply		1	1
EV001-03	A-120756 (use Second Alt)	Proximity Switch (Crane Boom)	EECOL Electric (Sask) Ltd.	2	8
EV001-03	A-120756 (use Second Alt)	Proximity Switch (Crane Boom)	EECOL Electric (Sask) Ltd.	1	3
EV001-04	CXFT220P2RT	Caloritech Immersion Heater	CALORITECH	1	1
EV002-00	00-2244-01-15	Fuse 0.5A, 250V, FB, 1/4 x 1 1/4", glass tube	GOULD-SHAWMUT	3	11
EV010-00	04-2224-40-131	Electric Motor		1	1

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
EV010-00	04-2224-40-131	Electric Motor		1	1
EV012-00	04-2224-103-16	Fuse, 10A, 600V, Tank Heater Fuse		3	11
EV012-00	04-2224-103-17	Fuse 5A, 600V, QB, 10 x 38mm, melamine, Control Circuit		1	2
EV012-00	04-2224-103-18	Fuse 1/2A, 250V, QB, 1/4 x 1 1/4", glass tube, Control Circuit		5	23
EV012-00	04-2224-40-143	O-ring		1	3
EV013-00	FES 10	FUSE		4	19
EV014-00	SP105	BULB 130V 2.4W		1	2
EW002-00	25-35-7	Oil Seal Non Drive End	Chicago Rawhide	1	3
EW002-00	40-52-7	Oil Seal Drive End	Chicago Rawhide	1	3
EW002-00	6305ZZC3	Bearing Non Drive End		1	2
EW002-00	6308ZZC3	Bearing Drive		1	2
EW003-00	017-508966	Thermostat RT12 (-5 to 10 Degree C)	Sabroe (Canada) Industrial Refri	1	4
EW003-00	60308J	Fuse Holder 600V 30A	LITTLEFUSE	1	2
EW003-00	CA3-12-10-220	Compressor Motor Contactor		1	2
EW003-00	CS4-22Z-220	Alarm Relay 3PDT		1	2
EW003-00	CT3-12-9.5	Thermal Overload Relay		1	3
EW003-00	EBS1 Edison	Fuse 600VAC, 1A	Nedco	3	15
EW003-00	SH282	Door Heater, 120v/3watts	Johnson Controls	1	2
EW003-00	Spectro 1866	Bulb 6.3V, 250Ma U/O Fridge LOPs		40	140
EW003-00	V5BA-2013	Fuse 2A, 600V, QB, 10 x 38mm, Melamine, FU 2&3		4	19
EW003-00	V5BA-2016	Fuse 3/460V/60Hz 20A		1	3
EW003-00	V5BA-2016	Fuse 3/460V/60Hz 20A		1	2
EW003-00	V5BA-2017	Fuse 2A, 250V, SB, 1/4 x 1 1/4", glass tube		4	16
EW003-00	V5BA-2019	Light Bulb 6V 1.2W BA9S	Albrite Lighting Ltd	4	18
EW007-00	D5-3X10	On/Off Selector Switch holder		1	2
EW007-00	SK2279-12	Sensor		1	2
EW007-00	V5BA-2031	Fuse 15A, 32V, TD, 1/4 x 1 1/4", glass tube (FU1)		3	15
HB001-00	HBF 201-15BWC4	Cap Brass W/Chain NPSH 1 1/2 in (Sounding Tube Cap)	Acklands - Grainger Inc.	3	15
HB009-00	DYL 54338	Sounding Tube O-Ring	Halifax Shipyard Ltd.	7	28
HL005-00		Tank Vent Ball Black Plastic		1	4
HL006-00		Foc'sle Vent Mesh Screen Support	United Engineering Ltd	1	4
HN001-01		T-Handle	Halifax Shipyard Ltd.	1	4
HN001-01		2" T-Handle	United Engineering Ltd	1	2
HN001-04	8" Shackle	Towing Shackle (not load tested!)	Intercon Marine Inc	1	2
HN004-00		Lugless Joining Shackle - Kenter 28MM (1-7/8)		2	11
HN004-00		Tapered Pin - Ship to Buoy	Intercon Marine Inc	2	9
HN004-00		Pins - Lugless Joining Shackle	INTERCON MARINE	4	17
HN004-00	J-391 (use Alt)	6 Inch Keating Fibre Snatch Block	Intercon Marine Inc	1	4
HN004-00	Size 3	Anchor Joining Link, Pear Shaped, Size 3	TROTAC Marine Ltd	1	1
HN005-00		Retainer Ring - Pelican Hook		30	100
HN007-00		Jackstaff Base Mount S/S with Hardware	United Engineering Ltd	1	4
HN007-00		ST EDWARDS CROWN		2	9
HN007-00	ML-1150C	110V-60W Lamp for Ensign / Jackstaff		2	8

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
HN011-01	F476-R-C	Twistlock Stacker, Fixed Base, Galvanized	Peck and Hale	1	5
HO001-01		Deck Grates, (Rope Stores) Painted	Clark and Pattison (B.C.) Ltd.	1	5
HO001-01	LW0340	Vidmar Cabinet-rope stores 30"w x 21 3/8"d x 59"h	Halifax Shipyard Ltd.	1	1
HO003-01		ICS Mission Station Extension Cable	Mackay Communications Canada Inc.	2	7
HO004-00	B686	Grinder 8" Bench	Troy Electric Sales	1	1
HO008-01		Cabin Door, Rod, Lock	Intercon Marine Inc	1	5
HO008-01		Cabin Door Handle w/lock	Victoria Shipyards Co. Ltd	1	3
HO008-02	9054-B18000	Towel Rack - 18" with Bracket	Playsted Sheet Metal Ltd	1	2
HO008-03		Bunk Suspension Cylinders	Victoria Shipyards Co. Ltd	3	11
HO008-03		Bunk Repair Pin Assy's	Victoria Shipyards Co. Ltd	4	18
HO008-03		Bunk Repair Pin Assy's	Victoria Shipyards Co. Ltd	3	12
HO008-04	2194-SL20	Wardroom Chair	Halifax Shipyard Ltd.	2	7
HO008-04	2194-SL20	Wardroom Chair	Halifax Shipyard Ltd.	1	3
HO009-00	0342	Liquid Soap Dispenser, Horizontal	SHANAHAN'S	2	9
HO009-00	333-665HOTCP (use last PN for ordering)	Single Faucets Metering, Chrome Plate	Chicago Faucets	3	10
HO009-00	B-205-18	Heavy Duty Towel Bar	SHANAHAN'S	3	12
HO009-00	B-6727	Double Robe Hook (Polished)	SHANAHAN'S	3	10
HO009-00	B-6857	Toilet Dispenser For Single (Satin Finish)	SHANAHAN'S	2	11
HO009-00	B-6857	Toilet Dispenser For Single (Satin Finish)	SHANAHAN'S	1	2
HO009-00	B-76727	DBL Robe Hook (Satin Finish)	SHANAHAN'S	3	12
HO009-00	B-7680 (Bobrick)	Classic Series Soap Dish	SHANAHAN'S	1	4
HO009-00	B-7680 (Bobrick)	Classic Series Soap Dish	SHANAHAN'S	1	3
HO009-00	B-76857	Single TP Holder	SHANAHAN'S	1	4
HO009-00	F/333-665	Aerator	Chicago Faucets	2	9
HO009-00	SHOWER VALVE	SHOWER VALVE - COMPLETE	Canadian Maritime Engineering Ltd. (West)	3	13
HO009-01	47266 28457	Shower Head-obsolete new part# 12894	Caird Mechanical Contractors Ltd	2	8
HO011-04	801-ASC27	A/B 801 Series Limit Switch 600V with 3" Roller Arm (Allen Bradley)	E.B. Horsman & Son	1	2
HO016-00	40-2 DUROMETER	2" X 1 1/2" Z Gasket 40 Durometer Neoprene	Intercon Marine Inc	50	200
HP001-00		Fabricated Door Holdback	Victoria Waterjet Ltd.	10	31
HP001-00		Fabricated Door Holdback	Victoria Waterjet Ltd.	1	4
HP001-00	73/076/3	Dogging Unit		1	4
HP001-00	MATLIST PG2-ASSY	Op Handle Assembly		1	2
HP001-00	MATLIST PG3-ASSY	Dog Assembly Regular		2	7
HP001-00	NSN 2040-21-887-5278	Polyethylene Hold Back Clip		20	82
HP005-00		Hatch Spindles (Foc'sle & Motor Room)		1	3
HP005-00		Locking Arm Hinge	Victoria Shipyards Co. Ltd	1	5
HP005-00	Hatch spindle	Hatch Spindle (Sewage Treatment Hatch)	Intercon Marine Inc	1	2
HP007-00		1 3/8" - 12 Bronze Nuts with Test Holes	Marener Industries	1	4
HP007-00		1 3/8" - 12 x 4" Bronze Bolts with Test Hole	Marener Industries	1	4
HP007-00		1 3/8" - 12 x 4" Bronze Bolts with Test Hole	Marener Industries	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
HP007-00		1 3/8" - 12 Bronze Nuts with Test Holes	Marener Industries	1	2
HP007-00		1 7/8" - 12 Bronze Nut	Marener Industries	1	4
HP007-00		1 7/8" - 12 Bronze Nut	Marener Industries	1	2
HP007-00		2" Double Threaded Bronze Bolt	Marener Industries	1	4
HP007-00		2" Double Threaded Bronze Bolt	Marener Industries	1	2
HP007-00		1/8 x 3 18-8 S.S. Cotter Pins	Marener Industries	1	4
HP007-00		1/8 x 3 18-8 S.S. Cotter Pins	Marener Industries	1	2
HP007-00	138881004	Hatch Seal	ACR Group Inc.	40	185
HP007-00	138881007	Hatch Seal 19MM X 25MM	ACR Group Inc.	40	170
HP007-00	138881007	Hatch Seal 19MM X 25MM	ACR Group Inc.	7	26
HP007-00	20000	2" x 3 1/4" x 1/8" Rubber Washer	Marener Industries	1	4
HP007-00	20000	2" x 3 1/4" x 1/8" Rubber Washer	Marener Industries	1	2
HP007-00	212000033	Hatch Seal	ACR Group Inc.	30	99
HP007-00	74/076/2	Rubber Ring		2	9
HP007-00	75/076/4	Dogging Unit		2	10
HP007-00	75/076/5	Hinge Pin		2	8
HP007-00	Metal Washer	1 1/2" x 2 3/8" x 1/8" Metal Washer	Marener Industries	1	4
HP007-00	Metal Washer	1 1/2" x 2 3/8" x 1/8" Metal Washer	Marener Industries	1	2
HP007-00	Spacer	Spring Alignment Spacer	Intercon Marine Inc	3	12
HP007-00	Spacer	Spring Alignment Spacer	Intercon Marine Inc	1	2
HP007-00	Z 20000	1 1/2" x 2 3/8" x 1/8" Rubber Washer	Marener Industries	1	4
HP007-00	Z 20000	1 1/2" x 2 3/8" x 1/8" Rubber Washer	Marener Industries	1	2
HP010-00	1000-115-110-1C	Wiper Control Unit	M. KOOL INC.	1	2
HP011-00	71601-0362 12878	15.5mm WINDOW TEMPERED GLASS HEATED, 1128mm x 828mm	Beclawat Manufacturing Inc.	1	1
HP012-00		Toggle (for Vertical Sliding Window)	Victoria Shipyards Co. Ltd	1	3
HP012-00	50209	Compensator Spring - Bridge Window	BECLAWAT	1	5
HP012-00	60363	1/4" Stainless Steel Lock washer Assembly		2	11
HX001-00, HY004-00	1-GP-200MA	NON-SKID DECK COAT		20	61
HY005-03	SNCP7B2BSZ	WEST COAST ORDERING ONLY Special 3/4" Bolt on P7B2 Zinc Anode	Canada Metal (Pacific) Limited	4	18
HY005-03	SNCTYPE3SZ	WEST COAST ORDERING ONLY Special 5/8" Bolt on TYP 3 Zinc Anode (NEW)	Canada Metal (Pacific) Limited	20	62
HY005-10	10276021	Hex Cap Screw, Zinc	Fastenal Canada	10	32
HY005-18	CA-SZU 17	MG 82.5/305 Copper Anode	Jastram Technologie Ltd.	1	1
HY005-18	CA-SZU 18	TC 82.5/305 Anode	Jastram Technologie Ltd.	1	3
HY005-18	CA-UZX27	MG 120/508 Copper Anode	Jastram Technologie Ltd.	1	2
HY005-18	CA-UZX27	MG 120/508 Copper Anode	Jastram Technologie Ltd.	1	2
HY005-18	CA-UZX29	FE 120/508 Iron Anode	Jastram Technologie Ltd.	1	3
HY005-18	CA-UZX29	FE 120/508 Iron Anode	Jastram Technologie Ltd.	1	2
HY005-18	TIM 9	Wrench Set for Cathelco Anodes	None	1	5
MA001-00	1 5630904	UD23 Exhaust Tee		1	4
MA001-00	2.301492.3	Set (washers) ADJUST KBAL 125S	WARTSILA SACM DIESEL	40	168
MA001-00	320143756	BEARING	Finning Power Systems	2	10
MA001-00	320143757	WASHER THRUST	Finning Power Systems	1	5
MA001-00	320143758	BEARING	Finning Power Systems	3	10
MA001-00	8T5296	Coolant Analysis Test Kit	Finning Power Systems	1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-00	8T5296	Coolant Analysis Test Kit	Finning Power Systems	1	4
MA001-01		UD23 Diesel Prime Mover Engine (Complete)	WARTSILA SACM DIESEL	2	8
MA001-01		Exhaust Bellows Measuring Jig	WARTSILA SACM DIESEL	1	1
MA001-01	15000	15000 HR PM Kit	WARTSILA SACM DIESEL	1	1
MA001-01	15000	15000 HR PM Kit	WARTSILA SACM DIESEL	1	1
MA001-01	2.008529.1	Nut		10	31
MA001-01	2.010915.9	Copper Gasket 25mm		4	19
MA001-01	2.020790.2	Cotter		20	74
MA001-01	2.026637.4	Rocker Ball End		3	10
MA001-01	2.086781.2	Washer		7	28
MA001-01	2.520072.9	Bushing		7	26
MA001-01	2.520072.9	Bushing		1	3
MA001-01	2.521345.2	Screw		10	44
MA001-01	2.521877.2	Copper Gasket 20mm		40	164
MA001-01	2.533739.1	Thrust Bearing Half Plate		1	5
MA001-01	2.533886.2	Stud		7	28
MA001-01	2.539642.2	Equipped Rockers Complete (1.130 Item 3)		3	11
MA001-01	2.560351.5	Spring		20	72
MA001-01	2.561448.6	Stud		40	164
MA001-01	2.561966.1	Seal		10	36
MA001-01	2.562133.1	Pinion gear - crank		2	5
MA001-01	2.562133.1	Pinion gear - crank		1	3
MA001-01	2.562673.8	Stud		10	38
MA001-01	2.563184.6	Head Ring	Wartsila Canada Inc.	40	130
MA001-01	2.570014.9	Scraper Ring		40	150
MA001-01	2.570047.4	Inlet Valve Seat	Wartsila Canada Inc.	15	48
MA001-01	2.570050.1	Gasket, Compression		40	163
MA001-01	2.570058.5	Piston Pin		15	49
MA001-01	2.570069.0	Cylinder Liner	Wartsila Canada Inc.	1	4
MA001-01	2.570195.2	Exhaust Valve Seat - 120oc		2	8
MA001-01	2.570195.2	Exhaust Valve Seat - 120oc		1	3
MA001-01	2.570196.3	Exhaust Valve - 120oc		10	30
MA001-01	2.570197.4	Exhaust Valve Seat	Wartsila Canada Inc.	15	48
MA001-01	2.570239.9	Sealing Ring		40	145
MA001-01	2.570350.0	Piston	Wartsila Canada Inc.	2	5
MA001-01	2.570481.1 (superseded see alt)	Water Passage Gasket No 18 (Grommet)	Wartsila Canada Inc.	10	43
MA001-01	2.570482.2 (superseded see alt)	Water Passage Gasket No 10 (Grommet)		15	54
MA001-01	2.570594.2	Cylinder Head with Valves Complete		10	31
MA001-01	2.570594.2	Cylinder Head with Valves Complete		3	12
MA001-01	2.570594.2	Cylinder Head with Valves Complete		3	12
MA001-01	2.570594.2	Cylinder Head with Valves Complete		1	4
MA001-01	2.570594.2	Cylinder Head with Valves Complete		1	3
MA001-01	2.570637.0	Bearing Shell (Main) Upper and Lower (1 Pair)	Wartsila Canada Inc.	10	43
MA001-01	2.570661.6	Gasket	Wartsila Canada Inc.	20	72
MA001-01	2.570675.4	Exhaust Valve Guide		20	60
MA001-01	2.570676.5	Inlet valve Guide		10	36
MA001-01	2.570761.2	Complete Connection Rod Assembly	Wartsila Canada Inc.	1	1

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-01	2.570833.1	Cylinder Head with Guides & Seats Complete		2	9
MA001-01	2.570983.0	Inlet Valve Seat		2	9
MA001-01	2.701239.9	Attachment Collar (Exhaust) (SETS of 2 pces.)	Wartsila Canada Inc.	4	17
MA001-01	2.701554.5	Seal Kit	Wartsila Canada Inc.	20	83
MA001-01	2.701555.6	Seal Kit	Wartsila Canada Inc.	40	130
MA001-01	4.091007.5	Gasket		3	12
MA001-01	4.140908.2	Gasket, Copper		10	32
MA001-01	4.230259.8	Seal		20	86
MA001-01	4.521935.8	Washer		10	42
MA001-01	4.521935.8	Washer		3	14
MA001-01	4.521935.8	Washer		1	5
MA001-01	4.521972.3	O-ring		5	21
MA001-01	4.528329.7	Pin		10	36
MA001-01	4.528788.1	Pin		3	12
MA001-01	4.534404.0	O-ring, cylinder liner water seal		5	20
MA001-01	4.564090.0	O-Ring, for new cylinder head update	Wartsila Canada Inc.	10	36
MA001-01	4.564090.0	O-Ring, for new cylinder head update	Wartsila Canada Inc.	1	4
MA001-01	4.564764.7	Nut		30	107
MA001-01	4.566809.8	Circlip		10	31
MA001-01	4.570200.7	Cap		20	60
MA001-01	4.570336.4	Circlip for Piston Pin	Wartsila Canada Inc.	20	84
MA001-01	4.582269.2	Key		1	4
MA001-01	4.588852.7	Nut		2	9
MA001-01	4.588857.2	O-ring (Post Head Mods -larger)	Wartsila Canada Inc.	10	36
MA001-01	4.589143.9	Throttle Cable	Wartsila Canada Inc.	1	5
MA001-01	4.801239.8	O-ring (Post Head Mods - smaller)	Wartsila Canada Inc.	10	37
MA001-01	5.050000.1	Seal, exhaust manifold	Wartsila Canada Inc.	15	56
MA001-01	5000	5000 HR Plus PM Kit	Wartsila Canada Inc.	1	2
MA001-01	5000	5000 HR Plus PM Kit	Wartsila Canada Inc.	1	1
MA001-01	9.527834.4	Screw CYL. HEAD	Wartsila Canada Inc.	40	180
MA001-01	9.527835.5	Washer		40	126
MA001-01	9.527860.4	Intake Valve		10	35
MA001-01	9.527895.2	Spring Lower Cupel		20	71
MA001-01	9.528198.2	Spring Upper Cupel		20	72
MA001-01	9.529008.6	Washer		15	46
MA001-01	9.533481.1	Nut		50	222
MA001-01	9.534063.9	Bearing Shell Conrod (pces)	Wartsila Canada Incorporated	20	75
MA001-01	9.534142.3	Bushing		2	8
MA001-01	PAAF677605	Hour Meter (Counter)	Wartsila Canada Inc.	1	2
MA001-02		Fuel Delivery Line	Wartsila Canada Inc.	1	2
MA001-02	2.087740.7	Lug		2	9
MA001-02	2.098153.8	Bushing		7	24
MA001-02	2.098263.8	Screw		3	10
MA001-02	2.098548.6	Pipe	Wartsila Canada Inc.	3	11
MA001-02	2.098548.6	Pipe	Wartsila Canada Inc.	3	10
MA001-02	2.098548.6	Pipe	Wartsila Canada Inc.	1	4
MA001-02	2.140036.8	Gasket, Copper		7	27
MA001-02	2.520423.6	Washer		1	3
MA001-02	2.534625.2	Intermediate Part		1	4
MA001-02	2.544468.1	Fuel Piping		1	5
MA001-02	2.544469.2	Fuel Piping		2	5
MA001-02	2.544470.7	Fuel Piping		2	5
MA001-02	2.544471.0	Fuel Piping		1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-02	2.562944.4	Driving Hub		1	3
MA001-02	2.562945.7	Coupling Flange		1	5
MA001-02	2.562945.7	Coupling Flange		1	2
MA001-02	2.562950.2	Flange		1	5
MA001-02	2.565060.4	Seal		40	142
MA001-02	2.570582.8	Injector Leaks Piping (Flex Line)	Wartsila Canada Inc.	3	10
MA001-02	2.570583.9	Pipe	Wartsila Canada Inc.	2	7
MA001-02	2.570894.9	Screw		1	5
MA001-02	4.215052.9	Grooved Screw		2	9
MA001-02	4.521800.2 new# PAAC000013	Nut		1	5
MA001-02	4.521801.1	Nut		10	35
MA001-02	4.521801.1	Nut		1	4
MA001-02	4.522048.9	Screw		2	11
MA001-02	4.522614.5	Screw		1	4
MA001-02	4.522627.2	O-Ring, Injector		1	5
MA001-02	4.562947.1	Rigid Coupling		2	9
MA001-02	4.570086.2	Equipped Nozzle Holder or Fuel Injector Assemblies	Wilson & Proctor Limited	20	60
MA001-02	4.570086.2	Equipped Nozzle Holder or Fuel Injector Assemblies	Wilson & Proctor Limited	3	13
MA001-02	4.570175.3	Ring		1	4
MA001-02	4.580003.2	Washer	Finning Power Systems	3	10
MA001-02	4.580013.5	Washer		2	8
MA001-02	4.582916.3	Washer : 0.80mm		3	12
MA001-02	4.584212.1	O-ring		5	22
MA001-02	4.584212.1	O-ring		1	2
MA001-02	4.584808.8	Nut		40	132
MA001-02	4.584808.8	Nut		15	52
MA001-02	4.585661.2	Feed Pump Complete		1	4
MA001-02	4.585839.9	Gasket		1	3
MA001-02	4.585971.3	Bellows		1	3
MA001-02	4.585971.3	Bellows		1	3
MA001-02	4.586410.6	Gasket		1	2
MA001-02	4.586422.8	Gasket		1	5
MA001-02	4.586667.1	Gasket		1	3
MA001-02	4.586753.9	Spring		40	138
MA001-02	4.586754.0	Thrust Bearing		40	144
MA001-02	4.586754.0	Thrust Bearing		2	9
MA001-02	4.586871.0	Gasket		1	2
MA001-02	4.588068.2	Bare Nozzle Holder Complete		1	3
MA001-02	4.588186.4	Feed Pump		1	5
MA001-02	4.588265.4	Valve		1	2
MA001-02	4.588267.6	Gasket		1	5
MA001-02	4.588269.6	O-ring		1	3
MA001-02	4.588448.4	O-ring		1	2
MA001-02	4.588460.4	O-ring		1	2
MA001-02	4.588469.1	Gasket		2	7
MA001-02	4.588469.1	Gasket		1	3
MA001-02	4.588470.6	O-ring		1	3
MA001-02	4.588470.6	O-ring		1	2
MA001-02	4.588470.6	O-ring		1	2
MA001-02	4.588776.4	O-ring		1	4
MA001-02	4.588777.5	O-ring		1	4
MA001-02	4.588778.4	Piston	Wartsila Canada Inc.	1	2
MA001-02	4.588779.5	Spring		1	3
MA001-02	4.800136.0	Bearing		1	2
MA001-02	4.800142.2	Gasket		1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-02	4.800143.3	Bearing		1	2
MA001-02	4.800145.5	Sealing Ring		1	2
MA001-02	4.800145.5	Sealing Ring		1	2
MA001-02	4.800149.9	Nut		1	2
MA001-02	4.800156.8	O-ring		1	5
MA001-02	5.050000.4	O-RING	Wartsila Canada Inc.	2	7
MA001-02	5.050000.4	O-RING	Wartsila Canada Inc.	1	2
MA001-02	505-000-14	Assembled 3 Piping Bundle Cylinders 4-5-6 & 7-8-9	Wartsila	2	8
MA001-02	9.564056.2	Nozzle 6x0.344		10	36
MA001-02	FIPUMP KIT	Fuel Injection Pump Repair Kit	Wartsila Canada Inc.	1	2
MA001-03	2.013305.1	Piston		1	2
MA001-03	2.013337.2	Regulation Valve Complete		1	2
MA001-03	2.013340.3	Spring		1	3
MA001-03	2.031478.0	Water Outlet Box		1	1
MA001-03	2.149630.1	Oval Gasket		5	21
MA001-03	2.520393.8	Bushing		3	12
MA001-03	2.534458.1	Washer		2	10
MA001-03	2.534768.3	Flexible Piping		1	5
MA001-03	2.534824.4	Pipe		1	2
MA001-03	2.538234.4	Hose	Wartsila Canada Inc.	1	4
MA001-03	2.540008.6	Flexible Piping		1	2
MA001-03	2.542099.7	Flexible Piping (Centrifugal Oil Filter)		1	2
MA001-03	2.561683.8	Water Inlet Box		2	8
MA001-03	2.561829.0	Spring		1	2
MA001-03	2.561839.2	Spring		1	3
MA001-03	2.561840.3	Valve Complete		1	3
MA001-03	2.561945.4	Pipe		2	7
MA001-03	2.561945.4	Pipe		1	3
MA001-03	2.562326.0	Intermediate Gear	Wartsila Canada Inc.	1	2
MA001-03	2.562343.5	Oil Pump Assembly with Pinion Complete	Wartsila Canada Inc.	1	3
MA001-03	2.562343.5	Oil Pump Assembly with Pinion Complete	Wartsila Canada Inc.	1	3
MA001-03	2.562343.5	Oil Pump Assembly with Pinion Complete	Wartsila Canada Inc.	1	1
MA001-03	2.563238.5	Strainer		1	2
MA001-03	2.570294.1	Take Off/Union		1	5
MA001-03	2.570456.3	Oil Jet		1	2
MA001-03	2.570497.1	Oil Cooler complete		2	5
MA001-03	2.570497.1	Oil Cooler complete		1	2
MA001-03	2.570497.1	Oil Cooler complete		1	1
MA001-03	2.570497.1	Oil Cooler complete		1	1
MA001-03	2.570737.4	Flexible Piping (Injection Pump Lubrication) Plate3.140	Wartsila Canada Inc.	1	4
MA001-03	2.570737.4	Flexible Piping (Injection Pump Lubrication) Plate3.140	Wartsila Canada Inc.	1	2
MA001-03	2.570803.8	Support		1	2
MA001-03	2.570915.3	Oil Piping	Wartsila Canada Inc.	2	6
MA001-03	2.570916.4	Oil Piping		1	2
MA001-03	2.573497.1-1	Cap, Sample Test Cock (New Version)SMK20.M14 X 1.5-VC	Larsen Contracting	1	4
MA001-03	4.013343.0	Gasket		4	19
MA001-03	4.013343.0	Gasket		2	9
MA001-03	4.031487.8	STARTER AIR VALVE		1	2
MA001-03	4.085188.1	Gasket		2	9
MA001-03	4.085188.1	Gasket		1	3
MA001-03	4.110386.8	Hand Pump Complete		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-03	4.110386.8	Hand Pump Complete		1	2
MA001-03	4.140129.6	Circlip		1	2
MA001-03	4.140129.6	Circlip		1	2
MA001-03	4.521792.9	Nut		3	13
MA001-03	4.521823.8	Nut		1	3
MA001-03	4.521834.3	Washer		30	96
MA001-03	4.521890.6	Screw		3	13
MA001-03	4.521970.3	O-ring		3	15
MA001-03	4.521970.3	O-ring		2	7
MA001-03	4.521976.9	O-ring		3	15
MA001-03	4.521976.9	O-ring		1	5
MA001-03	4.522524.5	Washer		1	5
MA001-03	4.522983.2	Screw		1	3
MA001-03	4.528869.5	O-ring		3	10
MA001-03	4.529077.3	O-ring		3	14
MA001-03	4.529077.3	O-ring		1	4
MA001-03	4.529307.3	Screw		1	2
MA001-03	4.531831.2	Gasket		4	17
MA001-03	4.531831.2	Gasket		2	7
MA001-03	4.532113.3	Plug		1	3
MA001-03	4.532607.9	Union		2	8
MA001-03	4.532800.7	O-ring		4	19
MA001-03	4.532800.7	O-ring		1	2
MA001-03	4.533988.0	O-ring		3	14
MA001-03	4.534485.3	O-ring		1	4
MA001-03	4.534485.3	O-ring		1	2
MA001-03	4.534485.3	O-ring		1	2
MA001-03	4.561808.2	Seal		1	5
MA001-03	4.561809.3	O-ring		2	10
MA001-03	4.561809.3	O-ring		1	4
MA001-03	4.561830.9	Gasket (Seal Ring)		7	25
MA001-03	4.561925.4	Lube Oil Filter	Wartsila Canada Inc.	10	37
MA001-03	4.562029.4	O-RING	Wartsila Canada Inc.	1	4
MA001-03	4.562779.2	Gasket		3	12
MA001-03	4.562779.2	Gasket		1	3
MA001-03	4.570320.6	Oil Filter Complete		1	2
MA001-03	4.570321.5	Lube Oil Spinner Cartridge	Wartsila Canada Inc.	5	21
MA001-03	4.570324.8	O-ring (Gasket)		2	8
MA001-03	4.570324.8	O-ring (Gasket)		1	2
MA001-03	4.570404.2	Gasket		3	12
MA001-03	4.570406.4	Equipped Cover		1	5
MA001-03	4.570494.0	O-ring		10	33
MA001-03	4.580080.3	Screw		2	7
MA001-03	4.580080.3	Screw		1	3
MA001-03	4.580551.3	Plug		2	8
MA001-03	4.581117.1	Gasket		1	5
MA001-03	4.582532.2	O-ring		1	4
MA001-03	4.582532.2	O-ring		1	2
MA001-03	4.584208.8	Gasket		1	4
MA001-03	4.584516.4	Screw		2	8
MA001-03	4.584606.3	Union		1	2
MA001-03	4.586998.0	Tightness Felt		1	3
MA001-03	4.588937.4	O-ring		5	20
MA001-03	4.588937.4	O-ring		1	3
MA001-03	4.590055.9	Seal		30	100
MA001-03	4.590088.1	Oval Gasket		1	2
MA001-03	4.595080.0	Union		1	3
MA001-03	4.597537.6	Plug (1 NPT)		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-03	9.528688.3	Plug	Finning Power Systems	2	8
MA001-03	9.529456.5	Bushing		2	7
MA001-03	9.533985.2	Bushing		2	10
MA001-03	9.533986.3	Idler Gear Shaft		2	10
MA001-03	Lube Oil Pump Repair Kit	Lube Oil Pump Repair Kit	Wartsila Canada Inc.	1	1
MA001-04		1-1/2" Globe Valve 300psi, S/S Trim, Steel, 9" F to F, DA Air System	Wolseley Industrial Canada Inc	1	2
MA001-04		1-1/2" Globe Valve 300psi, S/S Trim, Steel, 8-3/4" F to F, DA Air System	Canadian Maritime Engineering Ltd. (West)	1	3
MA001-04		1-1/2" Globe Valve 300psi, S/S Trim, Steel, 8-3/4" F to F, DA Air System	Canadian Maritime Engineering Ltd. (West)	1	2
MA001-04	17230	PG-0300 Liquid Filled Bottom Mount 0-300psi Pressure Gauge	Green Line Hose & Fittings Ltd.	1	4
MA001-04	2.570904.5	Union	Wartsila Canada Inc.	2	8
MA001-04	2-24775-004	Control Board (TDI Controller)	Wartsila Canada Inc.	1	3
MA001-04	2-24775-004	Control Board (TDI Controller)	Wartsila Canada Inc.	1	3
MA001-04	4.102007.3	Union	Wartsila Canada Inc.	3	10
MA001-04	4.102007.3	Union	Wartsila Canada Inc.	1	3
MA001-04	4.102025.6	Union	Wartsila Canada Inc.	3	10
MA001-04	4.570883.8	Air Starter TDI Complete		1	3
MA001-04	4.570883.8	Air Starter TDI Complete		1	1
MA001-04	4.570886.1	Air Pressure Reducer		2	6
MA001-04	4.570903.6	Safety Valve		2	7
MA001-04	4.570935.1	Plug		2	9
MA001-04	4.800287.4	PLATINE - Controller Module	Wartsila Canada Inc.	1	3
MA001-04	PAAG039872	STARTER OVERHAUL KIT	Wartsila Canada Inc.	1	3
MA001-04	U303932107	Leslie Class LS-5 Pressure Regulator, 3/4" socket weld (30-7 bar)	Leslie Valve	1	1
MA001-05		3" Angle Valve, SDNR, 300 lb Flanged	Victoria Shipyards Co. Ltd	1	1
MA001-05		Fresh Water Pump Mounting Kit	Wartsila Canada Inc.	3	11
MA001-05		Raw Water Pump Mounting Kit	Wartsila Canada Inc.	3	11
MA001-05	015-521-00	Nitrile Gasket	Wartsila Canada Inc.	40	192
MA001-05	015-521-00	Nitrile Gasket	Wartsila Canada Inc.	5	20
MA001-05	187426	Temp. Cooling Lines	Canadian Maritime Engineering	1	2
MA001-05	2.097971.3	Hose	Wartsila Canada Inc.	1	3
MA001-05	2.107979.4	Hose	Wartsila Canada Inc.	1	3
MA001-05	2.140004.5	Gasket		15	47
MA001-05	2.140399.1	Plug		2	10
MA001-05	2.522447.4	Washer		1	5
MA001-05	2.545265.6	Pipe	Wartsila Canada Inc.	1	5
MA001-05	2.545265.6	Pipe	Wartsila Canada Inc.	1	2
MA001-05	2.545265.6	Pipe	Wartsila Canada Inc.	1	2
MA001-05	2.560675.2	Seal		3	12
MA001-05	2.560675.2	Seal		3	10
MA001-05	2.561819.8	Screw		1	2
MA001-05	2.561820.3	Yoke		1	3
MA001-05	2.561821.2	Nut		1	4
MA001-05	2.561824.5	Equipped Belt Stretcher Complete		2	7
MA001-05	2.561824.5	Equipped Belt Stretcher Complete		1	2
MA001-05	2.561858.1	Roller		1	2
MA001-05	2.561874.7	Pulley, Raw Water Pump		1	2
MA001-05	2.562083.3	Water Tank		1	1

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-05	2.562084.4	Flange		1	3
MA001-05	2.563752.8	Washer		1	3
MA001-05	2.563781.2	Mounting Guide of Plates		1	5
MA001-05	2.563781.2	Mounting Guide of Plates		1	3
MA001-05	2.563782.3	Water Cooler Plates Fitting Tool		1	3
MA001-05	2.570152.2	Duct	Wartsila Canada Inc.	1	1
MA001-05	2.570242.2	Seal Holder Bush		1	2
MA001-05	2.570272.0	Sleeve (Low Temperature - UD 23 V12 M)	Wartsila Canada Inc.	2	9
MA001-05	2.570274.2	Water Tank Complete		1	1
MA001-05	2.570278.4	Sleeve		1	3
MA001-05	2.570426.1	Protector Damper		1	1
MA001-05	2.570603.5	Thermostatic Case		1	1
MA001-05	2.571122.9	Zinc Anode, Short		3	14
MA001-05	2.701203.4	Water Cooler Support, Complete (Plate 5.130, Item 1)	Wartsila Canada Inc.	2	7
MA001-05	2.701203.4	Water Cooler Support, Complete (Plate 5.130, Item 1)	Wartsila Canada Inc.	1	3
MA001-05	2.701204.5	Water Inlet & Outlet Manifold		1	4
MA001-05	2.701526.7	Union - Radiator Neck	Wartsila Canada Inc.	1	3
MA001-05	27" Hose	27" Hose	Canadian Maritime Engineering	1	2
MA001-05	4.031652.0	Resistance 6000 W, HEATER		1	4
MA001-05	4.110262.5	Thermostat (Low Temperature - UD 23 V12 M)		2	10
MA001-05	4.110295.3	Pressure Gauge	Wartsila Canada Inc.	1	2
MA001-05	4.140004.5	O-ring - GASKET - Copper		15	56
MA001-05	4.140085.2	Gasket		2	7
MA001-05	4.140339.6	Plug		2	8
MA001-05	4.521846.5 (use Alt P/N)	Screw	Wartsila Canada Inc.	1	5
MA001-05	4.521869.2	Screw		1	5
MA001-05	4.521869.2	Screw		1	3
MA001-05	4.522007.1	Bleeder		3	12
MA001-05	4.529093.6	Washer		1	5
MA001-05	4.532278.8	O-ring		2	10
MA001-05	4.534540.1	O-Ring		3	11
MA001-05	4.561822.5	Ball Joint		1	2
MA001-05	4.561875.0	Belt (Raw Water Pump) - narrow	Wartsila Canada Inc.	1	4
MA001-05	4.562076.3	O-ring		10	32
MA001-05	4.562159.7	Water Level Indicator	Wartsila Canada Inc.	2	9
MA001-05	4.562166.2	Cooler Plate Middles		1	5
MA001-05	4.562166.2R	Cooler Plates Assembled C/W Gaskets	Wartsila Canada Inc.	1	3
MA001-05	4.562166.2R	Cooler Plates Assembled C/W Gaskets	Wartsila Canada Inc.	1	1
MA001-05	4.562166.2R	Cooler Plates Assembled C/W Gaskets	Wartsila Canada Inc.	1	1
MA001-05	4.562166.2R	Cooler Plates Assembled C/W Gaskets	Wartsila Canada Inc.	1	1
MA001-05	4.562166.2R	Cooler Plates Assembled C/W Gaskets	Wartsila Canada Inc.	1	1
MA001-05	4.562379.1	Seal		3	12
MA001-05	4.562379.1	Seal		3	12
MA001-05	4.562379.1	Seal		2	9
MA001-05	4.562379.1	Seal		1	3
MA001-05	4.570317.1	O-ring		5	20
MA001-05	4.570317.1	O-ring		1	5
MA001-05	4.570317.1	O-ring		1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-05	4.570342.0	O-ring		3	12
MA001-05	4.570521.2	Belt (Fresh Water Pump) - wide	Wartsila Canada Inc.	3	13
MA001-05	4.570982.1	Plug (Filler Cap)		1	3
MA001-05	4.571080.7	Gasket	Wartsila Canada Inc.	1	5
MA001-05	4.571085.0	847 Rubber & Gasket Adhesive	Wartsila Canada Inc.	1	5
MA001-05	4.580266.1	Screw - Bolts		10	36
MA001-05	4.581002.0	Screw		1	5
MA001-05	4.581377.1	Gasket		2	7
MA001-05	4.581377.1	Gasket		2	7
MA001-05	4.581558.9	Thermostat	Wartsila Canada Inc.	3	12
MA001-05	4.583780.4	Bearing		2	10
MA001-05	4.584135.6	O-ring		5	20
MA001-05	4.584135.6	O-ring		4	17
MA001-05	4.584369.8	O-ring		15	49
MA001-05	4.584369.8	O-ring		10	38
MA001-05	4.587168.8	Zinc Anode, Long		3	15
MA001-05	4.587552.1	Pin		1	5
MA001-05	4.588080.9	O-ring		3	10
MA001-05	4.588080.9	O-ring		2	8
MA001-05	4.588373.8	Shim 0.25 mm		1	3
MA001-05	4.588374.1	Shim 0.38 mm		1	3
MA001-05	4.588375.2	Nut		2	7
MA001-05	4.588376.3	Washer		1	5
MA001-05	4.588376.3	Washer		1	2
MA001-05	4.588377.4	Key		2	10
MA001-05	4.588377.4	Key		1	3
MA001-05	4.588377.4	Key		1	2
MA001-05	4.588381.7	Impeller		2	5
MA001-05	4.588383.9	Attaching Collar		1	5
MA001-05	4.588960.1	Circlip		2	11
MA001-05	4.588961.2	Shaft		1	2
MA001-05	4.588962.3	Seal		4	16
MA001-05	4.588962.3	Seal		3	12
MA001-05	4.588962.3	Seal		1	3
MA001-05	4.588962.3	Seal		1	2
MA001-05	4.588963.4	Bearing		1	2
MA001-05	4.588963.4	Bearing		1	2
MA001-05	4.588965.8	Cover		1	2
MA001-05	4.588966.9	Bushing		3	12
MA001-05	4.588968.5	Cover	Wartsila Canada Inc.	1	2
MA001-05	4.588970.3	Seal		5	23
MA001-05	4.588971.4	Clamp		4	17
MA001-05	4.589113.2	Flexible Hose		1	4
MA001-05	4.800909.2	Raw Water Pump Complete	Wartsila Canada Inc.	1	4
MA001-05	4.800909.2	Raw Water Pump Complete	Wartsila Canada Inc.	1	1
MA001-05	4.801270.1 Danfoss p/n 060L310166 BRN	Pre-Heater Thermostat 20°C- 60°C	Emery Electric Ltd.	1	4
MA001-05	5.050004.4	Hose	Wartsila Canada Inc.	1	3
MA001-05	5.050004.4	Hose	Wartsila Canada Inc.	1	2
MA001-05	5.050004.5	Hose	Wartsila Canada Inc.	1	3
MA001-05	5.300163.8	Shock Mount (E/C Use Alt #)	Wartsila	1	4
MA001-05	555698	PH Paper test kit for Cooltreat	Wilhelmsen Ships Service Inc.	2	8
MA001-05	67215	Hot Fill Pressure Can	Wartsila Canada Inc.	1	5
MA001-05	705	1/8" NPT Bleeder Vent (for Hot Fill Can)	Wartsila Canada Inc.	1	5
MA001-05	735746	Cooltreat Indicator & Cooltreat Reagent	Wilhelmsen Ships Service Inc.	2	8

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-05	9.905324.2	Brake		2	7
MA001-05	9.905327.5	Seal Gasket		2	7
MA001-05	9.905327.5	Seal Gasket		1	2
MA001-05	9.905327.5	Seal Gasket		1	2
MA001-05	9.905333.3	Bearing		1	3
MA001-05	9.905334.4	Bearing		4	16
MA001-05	9.905335.5	Circlip		2	7
MA001-05	9.905336.6	Nut		1	4
MA001-05	9.905353.5	RING		20	69
MA001-05	9.905353.5	RING		3	10
MA001-05	Elbow	1 1/2" 90 Degree Elbow	Canadian Maritime Engineering	1	2
MA001-06	1.800727.1	Sealing Braid - EAST COAST USE P/N:1.800727.1S		1	3.5
MA001-06	1.800995.3	Inox Wire		1	2
MA001-06	2.535670.6	Plug		2	8
MA001-06	2.539793.8	Heat-Shield (Turbocompressor TV 81)	Wartsila Canada Inc.	1	1
MA001-06	2.563771.3	Heat-Shield (Exhaust Breech)		1	3
MA001-06	2.570224.2	Heat-Shield (Turbocompressor S4T)	Wartsila Canada Inc.	2	5
MA001-06	2.570749.4	Bar		1	3
MA001-06	2.570798.0	Nozzle		1	3
MA001-06	2.570850.0	Support - A BANK		1	2
MA001-06	2.571224.3	Air Delivery Nozzle		1	1
MA001-06	2.571225.4	Air Piping		1	2
MA001-06	2.571225.4	Air Piping		1	1
MA001-06	2.571230.1	Expansion Joint		1	1
MA001-06	2.571232.3	Exhaust Breech		1	2
MA001-06	4.522124.4	Collar		3	15
MA001-06	4.529216.3	Washer		10	30
MA001-06	4.582911.6	Clamp	Wartsila Canada Inc.	15	45
MA001-06	4.584593.2	Clamp		1	5
MA001-06	4.590016.2	O-ring	Wartsila Canada Inc.	10	31
MA001-06	4.590019.3	O-ring		3	15
MA001-06	5.050000.2	Sealing Braid (Gasket)		15	47
MA001-06	9.309939.1	Hose		2	8
MA001-06	9.309939.1	Hose		1	2
MA001-06	9.533898.1	Seal	Wartsila Canada Inc.	4	17
MA001-07	2.031243.4	Turbo Gasket S4T		4	18
MA001-07	2.570330.6	Stud	Wartsila Canada Inc.	2	11
MA001-07	2.570331.5	Nut	Wartsila Canada Inc.	5	23
MA001-07	2.570332.6	Spacer		15	48
MA001-07	4.570659.4	Turbo Charger Overhaul Kit	Wartsila Canada Inc.	1	3
MA001-07	4.570805.4	Circlip		1	3
MA001-07	4.570806.5 (order Alt#)	Gasket		1	2
MA001-07	4.570808.5	Bearing		1	3
MA001-07	4.570810.4	Clamp	Wartsila Canada Inc.	7	28
MA001-07	4.570810.4	Clamp	Wartsila Canada Inc.	1	3
MA001-07	4.570810.4	Clamp	Wartsila Canada Inc.	1	2
MA001-07	4.570812.8	Bushing		2	9
MA001-07	4.570813.9	O-ring	Finning Power Systems	1	5
MA001-07	4.570824.2	Housing Assy		1	4
MA001-07	4.570827.7	Wheel & Shaft Assembly		1	4
MA001-07	4.570828.2	Turbine Casing, NEW Part # 4.031639.3		1	2
MA001-07	4.570829.3	Nut		3	10
MA001-07	4.571063.9	Turbo compressor S4T (114.58) Complete	Wartsila Canada Inc.	1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-07	4.571063.9	Turbo compressor S4T (114.58) Complete	Wartsila Canada Inc.	1	2
MA001-08	4.197747.3	Combined Switch (Low Lube-Oil Press. Step 2/High Water Jacket Temp Step 2)		1	4
MA001-09	2.011337.0	Damper	Wartsila Canada Inc.	3	10
MA001-09	2.089024.1	Nut		1	2
MA001-09	2.520136.6	Washer		5	22
MA001-09	2.520136.6	Washer		2	10
MA001-09	2.520137.9	Spring		15	45
MA001-09	2.520137.9	Spring		1	3
MA001-09	2.520138.8	Cupel		15	47
MA001-09	2.520139.9	Gasket		15	49
MA001-09	2.520139.9	Gasket		3	10
MA001-09	2.534193.4	Bundle		1	1
MA001-09	2.534454.9	Cover (with Screws)		1	3
MA001-09	2.534454.9	Cover (with Screws)		1	2
MA001-09	2.534499.5	Flange		1	2
MA001-09	2.534524.7	Bearing		1	3
MA001-09	2.534564.5	Oil Jet		1	2
MA001-09	2.534580.2	Bend		1	4
MA001-09	2.534586.6	Volute		1	2
MA001-09	2.534598.0	Impeller		1	1
MA001-09	2.534612.5	Shaft		2	9
MA001-09	2.534617.2	Bearing		1	3
MA001-09	2.534633.2	Push Rod		5	23
MA001-09	2.534647.8	Sleeve		1	4
MA001-09	2.534647.8	Sleeve		1	2
MA001-09	2.534649.4	Shim		2	8
MA001-09	2.534649.4	Shim		1	5
MA001-09	2.534660.3	Fresh Water Pump with Volute	Wartsila Canada Inc.	1	3
MA001-09	2.534660.3	Fresh Water Pump with Volute	Wartsila Canada Inc.	1	1
MA001-09	2.534660.3	Fresh Water Pump with Volute	Wartsila Canada Inc.	1	1
MA001-09	2.534661.4	Fresh Water Pump without Volute	Wartsila Canada Inc.	1	2
MA001-09	2.534944.2	Gasket		2	7
MA001-09	2.541768.0	Cooled Air Collector (Left Side) Complete		1	3
MA001-09	2.541768.0	Cooled Air Collector (Left Side) Complete		1	2
MA001-09	2.541768.0	Cooled Air Collector (Left Side) Complete		1	1
MA001-09	2.542946.2	Cooled Air Collector (Right Side) Complete		2	5
MA001-09	2.542946.2	Cooled Air Collector (Right Side) Complete		1	2
MA001-09	2.542946.2	Cooled Air Collector (Right Side) Complete		1	1
MA001-09	2.542946.2	Cooled Air Collector (Right Side) Complete		1	1
MA001-09	2.544906.7	Set Gasket 3.5 to 7.9 to 11.20.21.24.25 FW Pump	Wartsila Canada Inc.	1	3
MA001-09	2.560849.1	Equipped Engine Adjusting Device/Shell SAE00 (G.E.T)		1	3
MA001-09	2.561817.6	Sleeve/Bushing	Wartsila Canada Inc.	1	2
MA001-09	2.562134.2	Gear Elbow		2	6
MA001-09	2.562134.2	Gear Elbow		2	5
MA001-09	2.562336.2	Flywheel/Crown Assembly SAE00 (G.E.T) Complete		1	1
MA001-09	2.562892.3	Equipped Bearing		1	5
MA001-09	2.562946.8	Shaft		3	10

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-09	2.563278.3	Expansion Gasket/Joint	Wartsila Canada Inc.	2	5
MA001-09	2.563902.4	Pulley		1	1
MA001-09	2.566318.8	Metal Washer, Locking (2 in a SET)		20	88
MA001-09	2.566318.8	Metal Washer, Locking (2 in a SET)		1	3
MA001-09	2.566320.6	Washer (Locking), SETS of 2	Wartsila Canada Inc.	10	42
MA001-09	2.570124.2	Tappet		30	96
MA001-09	2.570148.4	Pulley, Fresh Water Pump		1	3
MA001-09	2.570148.4	Pulley, Fresh Water Pump		1	2
MA001-09	2.570148.4	Pulley, Fresh Water Pump		1	1
MA001-09	2.570148.4	Pulley, Fresh Water Pump		1	1
MA001-09	2.570173.7	Injection Pump Drive Bearing Assembly		1	1
MA001-09	2.570333.7	Stud		15	48
MA001-09	2.570334.8	Nut		10	39
MA001-09	2.570881.2	Gasket		15	46
MA001-09	2.571095.0	Gasket		1	3
MA001-09	2.571095.0	Gasket		1	1
MA001-09	2.571096.1	Seal Gasket		1	2
MA001-09	2.700684.1	Kit Repair Items 16.19.30		1	2
MA001-09	2.701134.4	Exhaust Manifold Cylinders 4. 5. 6. or 10. 11. 12	Wartsila Canada Inc.	1	3
MA001-09	2.701135.7	Exhaust Manifold Cylinders 7. 8. 9.	Wartsila Canada Inc.	1	1
MA001-09	2.701621.8	Washer	Wartsila Canada Inc.	1	2
MA001-09	3RT2926-1ER00	Surge Suppressor/Diode 24VDC	E.B. Horsman & Son	1	4
MA001-09	3TF3300-0BB4	Contactora (UD23 Starter) replacement # 3RT2026-1BB40	SIEMENS OF CANADA (Troy)	1	5
MA001-09	3TH4373-0BB4	RELAY	SIEMENS OF CANADA	1	2
MA001-09	3VU1300-1MG00	Circuit Breaker		1	3
MA001-09	4.030938.2	Plug	Wartsila Canada Inc.	4	16
MA001-09	4.031235.0	SEAL	Wartsila Canada Inc.	10	39
MA001-09	4.198108.1	Commutator/Switch	Wartsila Canada Inc.	1	2
MA001-09	4.198335.9	Water Temperature Indicator, 0-150C, 32-302F	Wartsila Canada Inc.	1	1
MA001-09	4.198341.1	F/O Pressure Indicator, bar 0-4, psi 0-58	Wartsila Canada Inc.	1	1
MA001-09	4.521974.5	O-ring/Gasket		10	32
MA001-09	4.521974.5	O-ring/Gasket		1	5
MA001-09	4.521975.6	O-ring		1	4
MA001-09	4.521990.2	Pin		10	35
MA001-09	4.522363.9	Washer		30	103
MA001-09	4.525945.4	Screw		2	11
MA001-09	4.526304.1	Attaching Collar		7	24
MA001-09	4.527016.8	Gasket		3	12
MA001-09	4.527938.9	Bearing		2	8
MA001-09	4.528050.7	Screw		30	104
MA001-09	4.528670.9	O-ring		10	34
MA001-09	4.529190.8	O-ring		20	83
MA001-09	4.529190.8	O-ring		1	3
MA001-09	4.529191.5	O-ring	Wartsila Canada Inc.	20	74
MA001-09	4.530157.7	O-ring		1	5
MA001-09	4.534011.2	O-ring		4	16
MA001-09	4.534260.4	Gasket (O-ring)		1	5
MA001-09	4.534528.3	Bearing		2	9
MA001-09	4.534530.1	O-ring		1	2
MA001-09	4.534531.8	Screw		3	12
MA001-09	4.534533.2	O-ring		1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-09	4.534533.2	O-ring		1	4
MA001-09	4.534635.6	Bearing		2	8
MA001-09	4.534636.9	Bearing		2	8
MA001-09	4.534637.0	O-ring		3	12
MA001-09	4.534637.0	O-ring		1	5
MA001-09	4.534638.9	O-ring		2	8
MA001-09	4.534641.2	Circlip		1	4
MA001-09	4.534642.3	Seal Gasket (Mechanical Seal)		3	12
MA001-09	4.534642.3	Seal Gasket (Mechanical Seal)		1	2
MA001-09	4.534643.4	Seal Ring (Seal Plate)		10	44
MA001-09	4.534643.4	Seal Ring (Seal Plate)		1	3
MA001-09	4.561795.0	Ring		1	5
MA001-09	4.561795.0	Ring		1	5
MA001-09	4.570514.3	Seal Gasket		1	4
MA001-09	4.570755.6	Seal Gasket		3	12
MA001-09	4.570755.6	Seal Gasket		1	2
MA001-09	4.570756.9	Seal Gasket		4	18
MA001-09	4.580007.8	Screw		3	15
MA001-09	4.580386.8	Washer	Wartsila Canada Inc.	5	22
MA001-09	4.582070.8	O-ring		3	15
MA001-09	4.582305.3	O-ring		7	24
MA001-09	4.582305.3	O-ring		2	8
MA001-09	4.583137.7	Screw		4	18
MA001-09	4.584134.5	Screw	Wartsila Canada Inc.	20	79
MA001-09	4.586164.3	Key		2	10
MA001-09	4.590023.1	Gasket	Wartsila Canada Inc.	20	60
MA001-09	4.590023.1	Gasket	Wartsila Canada Inc.	1	3
MA001-09	4.800058.9	Solenoid Valve		1	4
MA001-09	4.800058.9	Solenoid Valve		1	2
MA001-09	4.800271.1	Turbine Rotor		1	2
MA001-09	5.100006.4	Screw (for new style camshaft)	Wartsila Canada Inc.	2	8
MA001-09	9.532066.0	Fresh Water Manifold		2	5
MA001-09	9.532111.4	Gasket Holder Bush		1	4
MA001-09	9.532934.5	Gasket		5	20
MA001-09	9.534017.3	Intermediate Gear		3	13
MA001-09	9.534018.2	Pinion Gear	Wartsila Canada Inc.	2	6
MA001-09	H3CR-A-AC2448-DC1248	Time Delay Relay - 11 Pin	WESCO Distribution - Canada Inc	1	4
MA001-09	H3CR-A-DC12	Time Delay Relay		1	2
MA001-09	PAAG049949	SPEEDI SLEEVE 99189	WARTSILA SACM DIESEL	2	11
MA001-09	PAAG049951	SPEEDI SLEEVE 99220	Wartsila Canada Inc.	1	5
MA001-09	PAAG152545	Camshaft, New Style - with Screw & Washer	Wartsila Canada Inc.	1	3
MA001-09	PAAG152545	Camshaft, New Style - with Screw & Washer	Wartsila Canada Inc.	1	1
MA001-09	PAAG152547	Retaining Washer for new style Camshaft	Wartsila Canada Inc.	1	5
MA001-09	PAAG247705	Expansion Joint, Engine to Stack, 3.0" Axial, 2-Ply, Z-special	Wartsila Canada Inc.	1	2
MA001-09	T002051018	Hardened Cylindrical Pin	Wartsila Canada Inc.	1	3
MA001-09	W084816348	Hardened Ring	Wartsila Canada Inc.	1	2
MA001-10	2.012826.6	Gasket		2	10
MA001-10	2.030699.5	Union		1	3
MA001-10	2.087126.4	Union		1	4
MA001-10	2.091231.9	Washer		1	5
MA001-10	2.095968.4	Seal		1	5
MA001-10	2.095968.4	Seal		1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-10	2.096333.2	Union	Wartsila Canada Inc.	1	4
MA001-10	2.096870.9	Support Unit		3	11
MA001-10	2.097969.9	Flexible Piping	Wartsila Canada Inc.	1	3
MA001-10	2.098007.0	Flexible Piping		3	15
MA001-10	2.098007.0	Flexible Piping		1	3
MA001-10	2.098007.0	Flexible Piping		1	2
MA001-10	2.105500.7	Union		2	8
MA001-10	2.107975.4	Flexible Piping		2	10
MA001-10	2.107975.4	Flexible Piping		2	8
MA001-10	2.107975.4	Flexible Piping		1	3
MA001-10	2.107975.4	Flexible Piping		1	2
MA001-10	2.107975.4	Flexible Piping		1	2
MA001-10	2.107975.4	Flexible Piping		1	2
MA001-10	2.107976.7	Flexible Piping	Wartsila Canada Inc.	2	8
MA001-10	2.107976.7	Flexible Piping	Wartsila Canada Inc.	2	8
MA001-10	2.107976.7	Flexible Piping	Wartsila Canada Inc.	1	2
MA001-10	2.107976.7	Flexible Piping	Wartsila Canada Inc.	1	2
MA001-10	2.107976.7	Flexible Piping	Wartsila Canada Inc.	1	2
MA001-10	2.107976.7	Flexible Piping	Wartsila Canada Inc.	1	2
MA001-10	2.109990.6	Isolator (Damper) (Shock Absorber) Fresh water expansion tank level sensor	Wartsila Canada Inc.	3	12
MA001-10	2.150041.1	Union		3	14
MA001-10	2.150566.4	Spacer		1	2
MA001-10	2.525396.4	Pipe Clamp		1	3
MA001-10	2.537588.1	Flexible Piping		2	10
MA001-10	2.537603.8	Pipe		1	2
MA001-10	2.539212.9	Flexible Piping		2	11
MA001-10	2.539212.9	Flexible Piping		1	2
MA001-10	2.546201.8	Sleeve (Suction)		1	3
MA001-10	2.546215.1	Support		1	4
MA001-10	2.546229.3	Union		3	14
MA001-10	2.546236.8	Support		1	5
MA001-10	2.546242.8	Union		1	3
MA001-10	2.546253.3	Union		2	11
MA001-10	2.564627.0	Filter Head Gasket		1	2
MA001-10	2.564627.0	Prefilter Head Gasket		30	109
MA001-10	2.570858.4	Lever		1	2
MA001-10	2.570859.5	Rod		1	4
MA001-10	2.600323.2	Union		1	4
MA001-10	2.600516.6	Bracket		2	7
MA001-10	2.701121.9	Vibration Kit (For Part Code 0432)	Wartsila Canada Inc.	1	3
MA001-10	3.546145.4	Overspeed Electric Driven Distributor Complete		1	2
MA001-10	3.546200.2	In & Out Kit Fuel on Sub-Base Complete	Wartsila Canada Inc.	1	3
MA001-10	4.030704.4	Pre-filter cartridge	Wartsila Canada Inc.	20	76
MA001-10	4.030705.5	Fuel Filter Cartridge	Wartsila Canada Inc.	15	45
MA001-10	4.110232.3	Bushing		2	10
MA001-10	4.110243.2	Nut		2	10
MA001-10	4.110473.7	Valve		1	3
MA001-10	4.110586.1	Shock-Absorber		2	11
MA001-10	4.116036.8	Bend		1	2
MA001-10	4.116118.5	Rubber Coupling Pucks Set (Max C type CB Blocks)(Coupling Element)	Wartsila Canada Inc.	1	3
MA001-10	4.116118.5	Rubber Coupling Pucks Set (Max C type CB Blocks)(Coupling Element)	Wartsila Canada Inc.	1	1

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-10	4.116218.9	Filter (part of Low Starting Air Pressure)	Wartsila Canada Inc.	2	7
MA001-10	4.116218.9	Filter (part of Low Starting Air Pressure)	Wartsila Canada Inc.	1	4
MA001-10	4.195215.6	Packing Gland		1	2
MA001-10	4.195241.8	Reducer		1	5
MA001-10	4.195462.6	Screw		1	5
MA001-10	4.195823.2	Coil		1	2
MA001-10	4.196990.5	Packing-Gland		2	7
MA001-10	4.197762.2	High Lubricating Oil Temperature Sensor		1	2
MA001-10	4.197768.4	Low Water Pressure Switch or Low Turbo-Oil Pressure		3	13
MA001-10	4.197768.4	Low Water Pressure Switch or Low Turbo-Oil Pressure		2	9
MA001-10	4.197768.4	Low Water Pressure Switch or Low Turbo-Oil Pressure		1	2
MA001-10	4.198251.7	Overspeed Electric Driven Distributor	Wartsila Canada Incorporated	2	8
MA001-10	4.198334.8 (superseded)	Sensor (Water temperature)		1	1
MA001-10	4.198336.0	Water Preheating On/Off Temperature Switch (superseded, see alt)		1	3
MA001-10	4.198338.6	Pressure Switch (High Crankcase)	Wartsila Canada Inc.	2	8
MA001-10	4.198339.7	Pressure Switch (Pre-lube)		1	4
MA001-10	4.198339.7	Pressure Switch (Pre-lube)		1	4
MA001-10	4.198340.2	Sensor, Fuel-Oil Pressure Transducer (4 Bar)		1	3
MA001-10	4.198344.4	Low Starting Air Pressure Switch		2	7
MA001-10	4.198345.5	Sensor, Starting Air Pressure Transducer (16 Bar)		1	3
MA001-10	4.198347.7	Sensor, Thermocouple, A/B Bank		1	5
MA001-10	4.198351.3	Sensor, Thermocouple, Turbo Exhaust	Wartsila	2	6
MA001-10	4.198354.6	Vibration Sensor	Amot	1	1
MA001-10	4.198393.2	Potentiometer +/- Droop (2KOhms/10Turn)		1	5
MA001-10	4.198395.4	Counter Button, Round (for use with items: 0475 & 0476)		3	13
MA001-10	4.198932.1	Potentiometer +/- Speed (100R/10TR)		1	4
MA001-10	4.521837.6	Screw		1	3
MA001-10	4.521838.5	Screw		1	3
MA001-10	4.521847.6	Screw		1	5
MA001-10	4.521848.7	Screw		1	5
MA001-10	4.521849.8	Screw		1	3
MA001-10	4.521851.2	Screw		1	3
MA001-10	4.521876.3	Gasket, Copper		2	7
MA001-10	4.522497.3	Screw		1	5
MA001-10	4.531734.6	Gasket		1	4
MA001-10	4.571034.4	ELECTRO VALVE 24V		1	4
MA001-10	4.580084.5	Nut		1	5
MA001-10	4.580139.8	Washer		1	3
MA001-10	4.580140.7	Washer		4	19
MA001-10	4.580143.2	Washer		2	10
MA001-10	4.580254.5	Screw		1	5
MA001-10	4.580547.9	Screw		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-10	4.580649.9	Nut		1	3
MA001-10	4.580650.4	Nut		3	12
MA001-10	4.580700.9	Screw		1	5
MA001-10	4.580777.1	Shock-Absorber		5	20
MA001-10	4.580793.8	Union		2	8
MA001-10	4.580990.0	Screw		1	4
MA001-10	4.581249.5	Screw		1	5
MA001-10	4.581325.9	Union		2	8
MA001-10	4.581495.5	Union		1	4
MA001-10	4.581538.5	Screw		1	3
MA001-10	4.581665.2	Screw		3	10
MA001-10	4.581853.1	Union		2	8
MA001-10	4.582523.1	Union		1	2
MA001-10	4.584517.5	Screw		2	7
MA001-10	4.584777.7	Nut		10	36
MA001-10	4.584777.7	Nut		1	3
MA001-10	4.585641.8	Shock-Absorber Use Alt #		2	9
MA001-10	4.586052.6	Cock		1	4
MA001-10	4.586343.4	Union		1	5
MA001-10	4.586480.5	Union		1	3
MA001-10	4.587183.2	Union		1	3
MA001-10	4.588856.1	Oil Sample Valve		1	4
MA001-10	4.588881.5	Cock		2	11
MA001-10	4.589118.8	Shock-Absorber		1	4
MA001-10	4.589118.8	Shock-Absorber		1	2
MA001-10	4.589125.9	Coupling Complete		1	3
MA001-10	4.589135.1	Electro Pump		1	1
MA001-10	4.589136.2	Indicator		1	3
MA001-10	4.589150.6	Union		1	3
MA001-10	4.589151.9	Union		1	4
MA001-10	4.590002.3	Gasket		3	15
MA001-10	4.590011.5	Joint (Seal Ring)		2	10
MA001-10	4.590073.1	Gasket		4	17
MA001-10	4.595002.6	Union		1	3
MA001-10	4.595049.2	Union		2	10
MA001-10	4.597503.3	Union		1	5
MA001-10	4.597504.4	Tee-Union		1	3
MA001-10	4.597505.5	Union		1	3
MA001-10	4.597505.5	Union		1	2
MA001-10	4.597531.8	Elbow		4	16
MA001-10	4.597533.2	Bend		1	2
MA001-10	4.597547.6	Union		2	10
MA001-10	4.801271.8	Level Indicator	Wartsila Canada Inc.	2	7
MA001-10	4140DR1D00CE4-EE	Temperature Switch Amot Set @ 98°C	CTH Instruments Ltd.	3	12
MA001-10	4140DR1D00CE4-EE	Temperature Switch Amot Set @ 98°C	CTH Instruments Ltd.	1	4
MA001-10	5.050004.6	Union (Water Level Sensor)	Wartsila Canada Inc.	1	5
MA001-10	5.300147.0	Sensor Fresh Water Temp Indicator		1	1
MA001-10	605SKB201	Prelube Repair Kit	Wartsila Canada Inc.	1	4
MA001-10	9.304309.1	Union		4	18
MA001-10	9.304309.1	Union		1	4
MA001-10	BP-025044	24 VDC Coils Assembly DIN connection (3Pin Plug) (for Part Code 0094)	Wartsila Canada Inc.	2	7
MA001-10	COVERS	DA Coupling Covers with Hardware	Playsted Sheet Metal Ltd	1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-10	T2.S15.45.M204.00 TSC T 15/45	Bed Mount- Engine Mount	Christie & Grey Limited	3	13
MA001-11	2.012794.4	Gear		1	2
MA001-11	2.012794.4	Gear		1	2
MA001-11	2.012795.5	Gear		1	2
MA001-11	2.012800.7	Shim - Thickness 0.1mm		2	7
MA001-11	2.012805.0	Pin (Shaft)		5	20
MA001-11	2.012806.1	Spacer		10	31
MA001-11	2.012807.2	Lever		3	15
MA001-11	2.012808.1	Washer		10	32
MA001-11	2.012809.2	Lever		7	24
MA001-11	2.012810.0	Trunnion		7	26
MA001-11	2.012810.0	Trunnion		1	2
MA001-11	2.012811.7	Gear Bearing	Wartsila Canada Inc.	2	7
MA001-11	2.012812.8	Fork		7	26
MA001-11	2.012813.1	Stop		1	3
MA001-11	2.012816.4	Shim - Thickness 0.1mm		1	3
MA001-11	2.012816.4	Shim - Thickness 0.1mm		1	2
MA001-11	2.012817.5	Shim - Thickness 0.2mm		1	2
MA001-11	2.012818.4	Shim - Thickness 0.3mm		1	2
MA001-11	2.012829.9	Gasket		3	14
MA001-11	2.012926.2	Bearing		2	7
MA001-11	2.106291.8	Shim - Thickness 0.1mm		2	11
MA001-11	2.106328.6	Bearing		1	3
MA001-11	2.107117.2	Gear-Case		1	2
MA001-11	2.107125.2	Shim - Thickness		1	5
MA001-11	2.107126.3	Gasket		2	7
MA001-11	2.521060.4	Washer		1	3
MA001-11	2.529837.2	Screw		1	5
MA001-11	2.540172.8	Stop Screw		10	31
MA001-11	2.540172.8	Stop Screw		1	2
MA001-11	2.570880.1	Support		1	2
MA001-11	2.571169.8	Shaft for PSG		1	2
MA001-11	2.571201.1	Pin (Shaft)		2	8
MA001-11	2.571202.2	Bearing		1	3
MA001-11	2.571206.6	Shim - Thickness 0,2 mm		2	7
MA001-11	2.571206.6	Shim - Thickness 0,2 mm		2	7
MA001-11	2.571207.7	Shim - Thickness 0,5 mm		1	4
MA001-11	2.571209.9	Equipped Support Gear-Case Complete (CASING)		1	1
MA001-11	4.140924.9	Circlip (Snap Ring)		10	38
MA001-11	4.201145.8	Bearing		1	3
MA001-11	4.201145.8	Bearing		1	2
MA001-11	4.524006.2	Gasket		2	8
MA001-11	4.570860.4	DRIVE WOODWARD GOVERNOR		1	1
MA001-11	4.580800.6	Bearing		15	54
MA001-11	4.580835.2	Bearing		1	4
MA001-11	4.581545.4	Key		1	2
MA001-11	4.582610.0	Circlip (Snap Ring)		10	40
MA001-11	4.585174.4	Nut		10	31
MA001-11	4.585424.1	Level Indicator		2	9
MA001-11	4.585424.1	Level Indicator		1	2
MA001-11	4.585425.2	Plug		1	2
MA001-11	4.585426.3	Plug		2	8
MA001-11	4.585428.3	Key		1	3
MA001-11	4.585442.1	Strainer		1	3
MA001-11	4.586801.3	Pad Rubber		2	10

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA001-11	4.587569.0	Dog - Clutch		1	2
MA001-11	4.587582.2	Cap		1	2
MA001-11	5.050007.8	Oil Seal	Wartsila Canada Inc.	3	12
MA001-11	5.050007.9	Sleeve	Wartsila Canada Inc.	1	3
MA001-11	8210G2	Solenoid Dump Valve	Wartsila Canada Inc.	1	2
MA001-11	PAAG174873	Governor Linkage Kit NEW	Wartsila Canada Inc.	1	3
MA001-12	7.023034.7	FW Heater Removal Wrench		1	2
MA011-00, MA012-00	7315-380-010	Coupling Seal Plate Removal Unit		1	2
MA011-00, MA012-00	M735000234	Bonded Seal	Wartsila Propulsion Netherlands	1	3
MA011-01, MA012-01		Leg, Thruster	Wartsila Propulsion Netherlands	1	3
MA011-01, MA012-01	T003000889	Anodes		1	3
MA011-01, MA012-01	T003002372	Brake Disc		1	1
MA011-02, MA012-02	M714050036	Self Locking Hexagon Nut with Nylon	LIPS THRUSTERS	10	42
MA011-02, MA012-02	W007058012	Cord Ring with Vulcanised Joint	LIPS THRUSTERS	3	14
MA011-02, MA012-02	W007170522	Fitted Bolt	LIPS THRUSTERS	3	12
MA011-02, MA012-02	W007170577	Fitted Bolt	LIPS THRUSTERS	2	8
MA011-04, MA012-04	M710160302	Lubricator Fitting	LIPS THRUSTERS	2	8
MA011-04, MA012-04	M730030132	V-Ring	LIPS THRUSTERS	2	10
MA011-04, MA012-04	T003002210	Packing	LIPS THRUSTERS	1	3
MA011-05, MA012-05	5019-0011	Balancing Link No.1	Kobelt Manufacturing Co. Ltd.	2	8
MA011-05, MA012-05	5019-0012	Balancing Link No.2	Kobelt Manufacturing Co. Ltd.	2	8
MA011-05, MA012-05	M716100033	Single Coil Spring Washer	LIPS THRUSTERS	2	7
MA011-05, MA012-05	T001009908	Brake Shoe, Complete	LIPS THRUSTERS BRUNEN B.V.	1	3
MA011-05, MA012-05	T003002884	COMPRESSION SPRING		1	3
MA011-05, MA012-05	T003002887	PAD SPRING		1	3
MA011-05, MA012-05	T003002984	Brake Shoe (Caliper)		1	1
MA011-05, MA012-05	T072270063	BRAKE ASSEMBLY		1	1
MA011-05, MA012-05	W006350223	Straight Male Stud Coupling	LIPS THRUSTERS	1	2
MA011-07, MA012-07	M713000424	Hexagon Head Screw	LIPS THRUSTERS	1	3
MA011-07, MA012-07	M716100031	Single Coil Spring Washer	LIPS THRUSTERS	2	10
MA011-07, MA012-07	M716100031	Single Coil Spring Washer	LIPS THRUSTERS	1	5
MA011-07, MA012-07	M716101033	Single Coil Square Section Spring W	LIPS THRUSTERS	2	10
MA011-07, MA012-07	M730000245	O-ring	LIPS THRUSTERS	2	8
MA011-07, MA012-07	M730000245	O-ring	LIPS THRUSTERS	1	5
MA011-07, MA012-07	M730000245	O-ring	LIPS THRUSTERS	1	3
MA011-07, MA012-07	M731000200	Copper Sealing Ring	LIPS THRUSTERS	7	24

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA011-07, MA012-07	M731000200	Copper Sealing Ring	LIPS THRUSTERS	7	24
MA011-07, MA012-07	M731000200	Copper Sealing Ring	LIPS THRUSTERS	3	12
MA011-07, MA012-07	M731000200	Copper Sealing Ring	LIPS THRUSTERS	2	10
MA011-07, MA012-07	T003002217	Liner	LIPS THRUSTERS	1	2
MA011-07, MA012-07	T003002246	Distance Ring	LIPS THRUSTERS	1	3
MA011-09, MA012-09	A111116307	Shaft Oil Seal BABSL Dia. 55- Dia. 62.7	LIPS THRUSTERS	1	2
MA011-09, MA012-09	M716100034	Single Coil Spring Washer	LIPS THRUSTERS	3	12
MA011-09, MA012-09	M718500486	SPRING PINS		1	5
MA011-09, MA012-09	M730000015	O RING		2	7
MA011-09, MA012-09	M730000030	O RING		1	3
MA011-09, MA012-09	M730000145	O RING		1	2
MA011-09, MA012-09	T003003075	BUSHING		1	3
MA011-09, MA012-09	T010001059	C CLIP		1	3
MA011-09, MA012-09	T010001103	C CLIP		2	7
MA011-09, MA012-09	T010012214	O RING		1	4
MA011-09, MA012-09	T010038002	CYLINDER SEAL		1	4
MA011-09, MA012-09	T010038063	PLASTIC SEAL		1	2
MA011-09, MA012-09	T012107212	BUSHING		2	7
MA011-09, MA012-09	T072270023	STEERING MOTOR ASSY	Wartsila Canada Inc.	2	8
MA011-09, MA012-09	T072270023	STEERING MOTOR ASSY	Wartsila Canada Inc.	1	4
MA011-09, MA012-09	T112103109	DIST DRIVE PIN		1	2
MA011-09, MA012-09	T112108212	BUSHING		2	7
MA011-09, MA012-09	T112109212	BUSHING		2	7
MA011-09, MA012-09	T372113464	TAB WASHER		1	2
MA011-09, MA012-09	T410111180	PLASTIC SEAL		1	2
MA011-09, MA012-09	T410111210	O RING		1	2
MA011-09, MA012-09	T410111240	SHAFT SEAL		1	2
MA011-09, MA012-09	T410111250	DISTANCE RING		1	3
MA011-09, MA012-09	T412209000	O RING		1	3
MA011-09, MA012-09	T412274000	O RING		1	2
MA011-09, MA012-09	T412341000	O RING		1	2
MA011-09, MA012-09	T431063000	C CLIP		1	2
MA011-09, MA012-09	T431070000	C CLIP		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA011-09, MA012-09	T451022000	PLUG		1	2
MA011-09, MA012-09	T451124000	SIGHT GLASS		1	2
MA011-09, MA012-09	W006200311	RADIAL DEEP GROOVE BEARING	SKF Canada Limited	1	2
MA011-09, MA012-09	W006220034	BEARING NJ211ECP	SKF Canada Limited	1	3
MA011-09, MA012-09	W006230055	TAPERED ROLLER BEARING	SKF Canada Ltd.	1	2
MA011-09, MA012-09	W007250263	LOCKNUT		1	2
MA011-11, MA012-11	T001001109	Sealing Ring	LIPS THRUSTERS	1	5
MA011-11, MA012-11	T001071968	Bushing, Collar	LIPS THRUSTERS	5	20
MA011-11, MA012-11	T002013034	Potentiometer	LIPS THRUSTERS	1	2
MA011-14, MA012-14	T002006347	Sealing	LIPS THRUSTERS	1	4
MA011-14, MA012-14	T002006347	Sealing	LIPS THRUSTERS	1	3
MA011-14, MA012-14	T002006347	Sealing	LIPS THRUSTERS	1	2
MA011-15, MA012-15		LIPS Toolbox	Wartsila Propulsion Netherlands	1	3
MA011-15, MA012-15		LIPS Toolbox	Wartsila Propulsion Netherlands	1	2
MA011-15, MA012-15	M713001580	Hexagon Screw	LIPS THRUSTERS	3	11
MA011-15, MA012-15	M713001580	Hexagon Screw	LIPS THRUSTERS	3	10
MA011-15, MA012-15	M713001580	Hexagon Screw	LIPS THRUSTERS	2	11
MA011-15, MA012-15	SRRMK2220FRAF T	Waukesha Seal Kit (6 various rings per set)	Wartsila Propulsion Netherlands	1	4
MA011-15, MA012-15	SRRMK2220FRAF T	Waukesha Seal Kit (6 various rings per set)	Wartsila Propulsion Netherlands	1	2
MA011-15, MA012-15	T001050365	Ring	LIPS THRUSTERS	1	2
MA011-15, MA012-15	T002004954	Spring	LIPS THRUSTERS	3	12
MA011-15, MA012-15	T002005678	Bearing Housing	Wartsila Canada Inc.	1	2
MA011-15, MA012-15	T002005678	Bearing Housing	Wartsila Canada Inc.	1	1
MA011-15, MA012-15	T002005718	Ring	LIPS THRUSTERS	1	2
MA011-15, MA012-15	T002005719	Ring	LIPS THRUSTERS	1	2
MA011-15, MA012-15	W006564110	Hexagon Head Screw Plug	LIPS THRUSTERS	1	3
MA011-15, MA012-15	W007000249	Seamless O-ring Seal	LIPS THRUSTERS	1	5
MA011-15, MA012-15	W007000249	Seamless O-ring Seal	LIPS THRUSTERS	1	3
MA011-15, MA012-15	W007001336	O ring, cord ring with vulc	LIPS THRUSTERS	1	3
MA011-15, MA012-15	W007001336	O ring, cord ring with vulc	LIPS THRUSTERS	1	3
MA011-15, MA012-15	W007001336	O ring, cord ring with vulc	LIPS THRUSTERS	1	2
MA011-15, MA012-15	W084819069	Sealing Ring	LIPS THRUSTERS	2	6
MA011-15, MA012-15	W084827750	O-Ring	LIPS THRUSTERS	1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA011-15, MA012-15	W084827750	O-Ring	LIPS THRUSTERS	1	5
MA011-16, MA012-16	W007550008	Locking Wire 1.2m (Measured in Metres)	LIPS THRUSTERS	1	3
MA011-16, MA012-16	Well Box Stand	Well Box Stand - manufactured by Wartsila	Wartsila Propulsion Netherlands	1	2
MA011-17, MA012-17		Z-Drive seals and parts as per line item E-101 (Docking Items)	Wartsila Propulsion Netherlands	1	2
MA011-17, MA012-17	M716200031	Toothed Lock Washer - Stainless Steel	Wartsila Canada Inc.	7	24
MA011-17, MA012-17	M716200031	Toothed Lock Washer - Stainless Steel	Wartsila Canada Inc.	4	16
MA011-17, MA012-17	M716200031	Toothed Lock Washer - Stainless Steel	Wartsila Canada Inc.	4	16
MA011-17, MA012-17	T002005540	Fluid (Loctite 270)	LIPS THRUSTERS	1	5
MA011-17, MA012-17	TO7226026	Propeller Assembly - ROT9715388 97/11/04	Wartsila Propulsion Netherlands	1	1
MA011-17, MA012-17	TO7226027	Propeller Assembly - ROT9715389 97/11/04	Wartsila Propulsion Netherlands	1	1
MA011-17, MA012-17	TO7227002	Propeller Assembly - ROT9715390 97/11/04	Wartsila Propulsion Netherlands	1	1
MA011-17, MA012-17	TO7227003	Propeller Assembly - ROT9715391 97/11/04	Wartsila Propulsion Netherlands	1	1
MA011-17, MA012-17	W006580045	Ring, Sealing	LIPS THRUSTERS	4	16
MA011-17, MA012-17	W007001022	O-ring	LIPS THRUSTERS	2	10
MA011-17, MA012-17	W007001022	O-ring	LIPS THRUSTERS	1	5
MA011-17, MA012-17	W007001022	O-ring	LIPS THRUSTERS	1	3
MA011-17, MA012-17	W007001415	Cord Ring with Vulcanised Joint	LIPS THRUSTERS	1	5
MA011-17, MA012-17	W007001415	Cord Ring with Vulcanised Joint	LIPS THRUSTERS	1	3
MA011-17, MA012-17	W007100386	Hexagon Head Screw	LIPS THRUSTERS	7	25
MA011-17, MA012-17	W007100386	Hexagon Head Screw	LIPS THRUSTERS	5	23
MA011-17, MA012-17	W007100386	Hexagon Head Screw	LIPS THRUSTERS	15	48
MA011-17, MA012-17	W007100386	Hexagon Head Screw	LIPS THRUSTERS	7	25
MA011-17, MA012-17	W007110179	Hexagon Head Screw (20 x 80 A4)	LIPS THRUSTERS	5	20
MA011-17, MA012-17	W007110179	Hexagon Head Screw (20 x 80 A4)	LIPS THRUSTERS	5	20
MA011-17, MA012-17	W007110179	Hexagon Head Screw (20 x 80 A4)	LIPS THRUSTERS	5	20
MA011-17, MA012-17	W007281063	Hex. Socket Head Cap Screw	LIPS THRUSTERS	10	32
MA011-17, MA012-17	W007281063	Hex. Socket Head Cap Screw	LIPS THRUSTERS	2	9
MA011-17, MA012-17	W084829181 (See Alt P/N)	Sheet Packing - Neoprene	Wartsila Propulsion Netherlands	1	3
MA011-17, MA012-17	W084829181 (See Alt P/N)	Sheet Packing - Neoprene	Wartsila Propulsion Netherlands	1	3
MA011-17, MA012-17	W084829182	Sheet Packing - Neoprene	Wartsila	1	2
MA011-18, MA012-18	ELF3-10-1.0	Filler/Breather/Air Filter 10 Micron Nominal Element	HYCON/HYDAC	3	13
MA011-18, MA012-18	VM2BM.1	Lube Oil Duplex Filter Differential Pressure Indicator. Hydac	Motion Industries (Canada) Inc.	2	7

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA013-00	8290B005	Piston Valve 3/4", 2-way, N/C, angle bronze body		1	2
MA013-00	9012 GAW-6 Q4	Square D Pressure Switch Interruptor, series C, range 5 - 250 psi, max 750 psi	EECOL Electric (Sask) Ltd.	1	5
MA013-00	9012 GAW-6 Q4	Square D Pressure Switch Interruptor, series C, range 5 - 250 psi, max 750 psi	EECOL Electric (Sask) Ltd.	1	2
MA013-00	9012 GKW-6	Square D Pressure Switch	Wartsila Propulsion Netherlands	1	3
MA013-00	A111119032	Bulb 6V, 200ma, 1.2w		7	24
MA013-00	A111119033	MOTOR CONTROL SWITCH		1	3
MA013-00	A111119035	CONTACTOR	TELEMECANIQUE	1	2
MA013-00	A111119036	FUSE 600MA, 250V, SB, 1/4 x 1 1/4", glass tube		15	50
MA013-00	A111119037	PILOT LIGHT GREEN	TELEMECANIQUE	1	5
MA013-00	A111119039	PILOT LIGHT BLUE		1	5
MA013-00	A111119040	PILOT LIGHT BODY	TELEMECANIQUE	1	5
MA013-00	A111119041	DISCONNECT SWITCH		1	2
MA013-00	A111119042	RELAY	TELEMECANIQUE	1	3
MA013-00	A111119043	RELAY	TELEMECANIQUE	1	3
MA013-00	A111119044	OVERLOAD RELAY		1	3
MA013-00	A111119045	FUSE 1.25A, 250V, SB, 1/4" x 1 1/4", glass tube		15	50
MA013-00	A111119046	RELAY	TELEMECANIQUE	1	2
MA013-00	A111119047	OVERLOAD RELAY	TELEMECANIQUE	1	2
MA013-00	A111119049	CURRENT XMFR	Crompton Instruments	1	2
MA013-00	A111119050	AMMETER		1	2
MA013-00	A111119053	Phase Failure Relay		2	8
MA013-00	FNW732BK	2" BUTTERFLY LUGGED, BUNA, 316SS	Meridian Specialties Inc.	1	2
MA013-00	Long Hydraulic Flange Kit	Steering Gear Counter Balance Block	Cowichan Hydraulic Equipment	1	5
MA013-00	Short Hydraulic Flange Kit	Steering Gear Counter Balance Block	Cowichan Hydraulic Equipment	1	5
MA013-00	T002008324	Pressure Gauge - 0-100 psi		1	4
MA013-00	T002008324	Pressure Gauge - 0-100 psi		1	2
MA013-00	T002016810	Thermometer		1	2
MA013-00	T002016868	Pressure Switch		1	3
MA013-00	T002017215	Solenoid Valve		1	2
MA013-00	T003000668	Temperature Switch		1	4
MA013-00	T003000933	C CLIP		1	3
MA013-00	T003002144	PLANETARY GEAR BOX		1	1
MA013-00	T003002707	FILLER/BREATHER		1	3
MA013-00	T003002708	Ball Valve, 1 Inch		1	2
MA013-00	T003002709	FLOAT SWITCH		1	2
MA013-00	T003002710	TEMPERATURE SWITCH		1	1
MA013-00	T003002715	VALVE		1	2
MA013-00	T003002716	VALVE		1	2
MA013-00	T003002718	NON RETURN VALVE		1	2
MA013-00	T003002719	THERMOMETER		1	4
MA013-00	T003002733	VALVE	REXROTH	1	2
MA013-00	T003002736	NON RETURN VALVE		1	2
MA013-00	T003002738	SHUTTLE VALVE		1	2
MA013-00	T003002740	HOSE		1	2
MA013-00	T003002743	THERMOSTAT - Order Alt #	Parker	2	8
MA013-00	T003002745	PRESSURE SWITCH		1	3
MA013-00	T003002748	NON RETURN VALVE		1	2
MA013-00	T003002749	BALL VALVE		1	2
MA013-00	T003002751	Filter		1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA013-00	T003002753	SIGHT GLASS		1	2
MA013-00	T003002754	Liquid Level Float Control		1	2
MA013-00	T003002755	NON RETURN VALVE		1	2
MA013-00	T003002759	UPPER PUMP 1PF2G331/032RA07MSK	REXROTH	1	2
MA013-00	T003002760	LOWER PUMP 1PF2G241/008RN20MDL	REXROTH	1	2
MA013-00	T003002763	NON RETURN VALVE		1	2
MA013-00	T003002764	NON RETURN VALVE		1	2
MA013-00	T003002776	NON RETURN VALVE		1	2
MA013-00	T003002926	NON RETURN VALVE		1	2
MA013-00	T003004347	INTERMEDIATE PIECE		1	1
MA013-00	T422141000	TAPERED ROLLER BEARING		1	2
MA013-00	W006922227	AUXILIARY CONTACTS		1	3
MA013-00	W006931036	SWITCH HEAD	TELEMECANIQUE	1	3
MA013-00	W006931037	CONTACT BLOCK	TELEMECANIQUE	1	3
MA013-01	P100-3Z-L-900	Seawater Oil Cooler	BASIC	1	1
MA013-01	RFBN/HC240G10E .1/12	In-Tank Return Line Filter 10 Micron, Elect. Dirt Clogging Ind. C/W Element 0240R010BN/HC	HYCON/HYDAC	3	15
MA013-01	RFBN/HC30G10E1 .1/5	Return Line Filter 10 Micron Tank Top Mount, with Bypass and Clogging Indicator	HYCON/HYDAC	3	15
MA013-01	T003002722	Flexible Coupling, Hub E-Motor GR42	Rotex	1	4
MA013-01	T003002723	Flexible Coupling, Hub Pump GR42	Rotex	1	2
MA013-01	T003002724	Flexible Coupling Spider-GR42 Primary Pump(Yellow & Red)	Rotex	2	7
MA013-01	T003002724	Flexible Coupling Spider-GR42 Primary Pump(Yellow & Red)	Rotex	1	2
MA013-01	T003002725	Gear Pump (Main pump, 80cc)	REXROTH	1	1
MA013-01	T003002727	Flexible Coupling, Motor Side GR38	Wainbee Limited	1	5
MA013-01	T003002728	Flexible Coupling, PUMP Side, GR38		1	5
MA013-01	T003002729	Flexible Coupling Spider GR38 (Yellow)(standby pump)	Bosch Rexroth Canada Corp.	1	4
MA013-01	T003002734	Non Return Valve		1	2
MA013-01	T003002735	Pressure Relief Valve	REXROTH	1	2
MA013-01	T003002737	Prop. Dir. Control Valve - 4-way Pilot Operated NW 10	Wainbee Limited	1	1
MA013-01	T003002758	E-Motor Teco Frame 182T 3hp, 575v 1725rpm	Emery Electric Ltd.	1	3
MA014-00	2.093484.2	SEAL (Order Alternate)	WARTSILA DIESEL CANADA INC.	1	4
MA015-00		10" Handle for Bray Valve	Halifax Shipyard Ltd.	2	8
MA015-00		12" Handle Bray Valve	Halifax Shipyard Ltd.	1	5
MA015-00		10" Seat (Butterfly)	Halifax Shipyard Ltd.	1	4
MA015-00	11270	Seat 2" (Butterfly)	Preston Phipps Inc.	2	7
MA015-00	11272	Seat (3" Butterfly Valve)	Preston Phipps Inc.	2	8
MA015-00	11273	Seat (4" Butterfly Valve)		2	11
MA015-00	11274	Seat (5" Butterfly Valve)		2	8
MA015-00	11275	Seat (6" Butterfly Valve)		1	4
MA015-00	11275	Seat (6" Butterfly Valve)		1	3
MA015-00	11276	Seat (8" Butterfly Valve)	Keystone	1	2
MA015-00	11276	Seat (8" Butterfly Valve)	Keystone	1	2
MA015-00	5" F1020-FEE3 (39107)	5" Butterfly Valve	Bray	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA015-00	8" F1020-FEE3 (39105)(Use Alt)	8" Butterfly Valve C/W Handle		1	5
MA015-00	8" F1020-FEE3 (39105)(Use Alt)	8" Butterfly Valve C/W Handle		1	2
MA015-00	AC345BS	Bonnet Stud		4	18
MA015-01		1-1/2" 90 Degree Angle Valve, 300#, Bronze Body, S/S Trim, Flanged, SDNR, 4-1/2" F/F	Wolseley Industrial Canada Inc	1	2
MA015-01		1 1/4" Globe valve , 6 1/2" face to face, bolted bonnet	Wolseley Industrial Canada Inc	1	3
MA015-01	AC345GS	Gland Stud	A. CROSBIE INCORPORATED	2	8
MA015-01	SC02/SC 01/SC11/SC12	1 1/2" GLOBE - KITZ	Wolseley Industrial Canada Inc	1	4
MA015-01	SC05	1 1/4" GLOBE - GRINNELL	Halifax Shipyard Ltd.	1	2
MA015-01	SC06	1 1/4" GLOBE - KITZ	Halifax Shipyard Ltd.	1	2
MA015-01	SC08 , SC17	1 1/2" GATE - GRINNELL	Halifax Shipyard Ltd.	1	3
MA015-01	SC34	8" BUTTERFLY - KEYSTONE	Halifax Shipyard Ltd.	1	3
MA015-01	SC42	1" GLOBE - GRINNELL	Halifax Shipyard Ltd.	1	2
MA015-01	SC43	1" GLOBE - KITZ	Halifax Shipyard Ltd.	1	2
MA015-01	SC44	1" GLOBE - KITZ	Halifax Shipyard Ltd.	1	2
MA017-00		4" Butterfly Valve, D/I Body CF8M Disc SS316 Stem EPDM Seat	Canadian Maritime Engineering Lt	2	8
MA017-00		8" Butterfly Valve, D/I Body, CF8M Disc, SS316 Stem, EPDM Seat	Canadian Maritime Engineering Lt	1	2
MA017-00		8" Basket, for Strainer	United Engineering Ltd	1	5
MA017-00		8" Basket, for Strainer	United Engineering Ltd	1	2
MA017-00		3" Butterfly Valve, D/I Body, CF8M Disc, SS316 Stem, EPDM Seat	Canadian Maritime Engineering Lt	2	8
MA017-00		2" Butterfly Valve, D/I Body, CF8M Disc, SS316 Stem, EPDM Seat	Canadian Maritime Engineering Lt	1	3
MA017-00		2-1/2" Blind	Canadian Maritime Engineering Lt	3	10
MA017-00		4" Blind	Canadian Maritime Engineering Lt	3	10
MA017-00		3" Blind	Canadian Maritime Engineering Lt	3	10
MA017-00		2" Blind	Canadian Maritime Engineering Lt	2	11
MA017-00		3/4" Blind	Canadian Maritime Engineering Lt	2	10
MA017-00		1-1/2" Blind	Canadian Maritime Engineering Lt	2	8
MA017-00		1-1/4" Blind	Canadian Maritime Engineering Lt	2	8
MA017-00		1" Blind	Canadian Maritime Engineering Lt	2	7
MA017-00		Thyristor 3-Way Cooling Valve Disc	Victoria Shipyards Co. Ltd	2	11
MA017-00		5" Replacement basket	Wartsila Propulsion Netherlands	2	8
MA017-00	0060R010BN4HC	Z DRIVE HYCON HYD. SYSTEM PRIMARY FILTER	HYDAC	3	12
MA017-00	0060R010BN4HC	Z DRIVE HYCON HYD. SYSTEM PRIMARY FILTER	HYDAC	3	11
MA017-00	0240R010P/HC	Z DRIVE HYCON HYDRAULIC OIL FILTER	Hydac	3	12
MA017-00	0500 Basket Perf	Replacement basket for BFC 125 strainer, Std. 1/8" perf	Sure Flow Equipment Inc.	1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA017-00	57242	"O" Ring Lube Oil Filter	Lawson Products Inc.	10	33
MA017-00	ABC123	Spacer Disc (Thermostatic Valve)	Caird Mechanical Contractors Ltd	2	8
MA017-00	Anode461	Anode - Steel FB 4" x 6" x 1"	Canadian Maritime Engineering Lt	3	14
MA017-00	BF-125C (See Alt P/N for info)	Strainer 5" Thyristor Cooling System	Viking Metals & Marine Supplies	1	5
MA017-00	FIG 1.013	1" Quick Closing Globe Valve c/w Tripping Mechanism	Meridian Specialties Inc.	1	1
MA017-00	Hydac	Hydac Gauges for Z drive Filters 0-10 bar	Canadian Maritime Engineering Ltd. (West)	2	9
MA017-00	IK-1.5	Isolation Kit, 150# SD Flange Type RF	Canadian Maritime Engineering Ltd. (West)	2	10
MA017-00	IK-2.0	Isolation Kit, 150# SD Flange Type RF	Canadian Maritime Engineering Ltd. (West)	3	11
MA017-00	IK-2.5	Isolation Kit 150# SD Flange Type RF	Canadian Maritime Engineering Ltd. (West)	2	9
MA017-00	IK-3.0	Isolation Kit 150# SD Flange Type RF	Canadian Maritime Engineering Ltd. (West)	1	5
MA017-00	IK-3.0-3/4"	Isolation Kit, Trojan,G10,Viton,Type F, MY G10 SW, 300# 3" - 3/4"	Canadian Maritime Engineering Ltd. (West)	3	10
MA017-00	IK-4.0	Isolation Kit 150# SD Flange Type RF	Canadian Maritime Engineering Ltd. (West)	3	14
MA017-00	MC19681	Fan for the A1 Computer	Schneider Electric Canada Inc.	2	8
MA017-00	NLG150J	5" Butterfly Valve, Type D1 Body, Alum/Bronze, LD2100-3 NIBCO	Meridian Specialties Inc.	1	5
MA017-00	NLG150L	8" Butterfly Valve, Lug type, Alum/Brz (NIBCO LB 2100-3)	Meridian Specialties Inc.	1	5
MA017-00	NLG150L	8" Butterfly Valve, Lug type, Alum/Brz (NIBCO LB 2100-3)	Meridian Specialties Inc.	1	2
MA017-00	T-134-1	1" Gate Valve, 150 psi, bronze	Meridian Specialties Inc.	1	2
MA017-00	T-134-1	1" Gate Valve, 150 psi, bronze	Meridian Specialties Inc.	1	2
MA017-00	T-134-1 1/2	1 1/2", Gate Valve, 150 psi, bronze (3 1/4" face to face)threaded NIBCO	Meridian Specialties Inc.	1	3
MA017-00	T-235-1	1" Globe Valve	Wolseley Industrial Canada Inc	1	3
MA018-00	129420137	Distance Sleeve POS 13-S		1	5
MA018-00	13810-12 (see Alt P/N.)	Impeller	Iron A/S Pump	1	2
MA018-00	13810-12 (see Alt P/N.)	Impeller	Iron A/S Pump	1	1
MA018-00	13810-151	Non Return Valve (POS 4)		2	8
MA018-00	13810-151	Non Return Valve (POS 4)		1	2
MA018-00	13811-20.1	Ball Bearing		2	7
MA018-00	13811-20.2	Ball Bearing		2	8
MA018-00	13811-20.3	Ball Bearing		2	8
MA018-00	217510240	Shaft Seal Ring POS 22 (20 30 7)	Austin and Denholm	2	8
MA018-00	217510240	Shaft Seal Ring POS 22 (20 30 7)	Austin and Denholm	2	7
MA018-00	217510240	Shaft Seal Ring POS 22 (20 30 7)	Austin and Denholm	1	3
MA018-00	217510640	Shaft Seal Ring POS 22-4 (22 32 7)	PLAD Equipment Ltd.	2	8
MA018-00	217510740	Shaft Seal Ring POS 22-3 (22 35 7)	PLAD Equipment Ltd.	3	10
MA018-00	217513040	Shaft Seal Ring (POS 22-2) 38 x 56 x 10	PLAD Equipment Ltd.	4	16
MA018-00	217513040	Shaft Seal Ring (POS 22-2) 38 x 56 x 10	PLAD Equipment Ltd.	1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MA018-00	217514540	Shaft Seal Ring POS 22-1 (46 65 10)		3	14
MA018-00	217514940	Shaft Seal Ring 48 x 65 x 10	PLAD Equipment Ltd.	2	8
MA018-00	217516440	Shaft Seal Ring POS 22-6 (60 75 8)	PLAD Equipment Ltd.	3	14
MA018-00	217516440	Shaft Seal Ring POS 22-6 (60 75 8)	PLAD Equipment Ltd.	1	3
MA018-00	217516440	Shaft Seal Ring POS 22-6 (60 75 8)	PLAD Equipment Ltd.	1	2
MA018-00	217631002	Ball Bearing		1	2
MA018-00	217631909	Ball Bearing POS 20	Austin and Denholm	2	10
MA018-00	217631909	Ball Bearing POS 20	Austin and Denholm	1	3
MA018-00	217680377 Pos 142	Oil Level Indicator		1	4
MA018-00	218550509	Lock Nut POS 21-2	Iron Pump A/S	1	5
MA018-00	218550609	Lock Washer POS 21-1	Iron Pump A/S	1	5
MA018-00	6202	Ball Bearing		1	2
MA018-00	7202	Ball Bearing		1	2
MA018-00	FLSMS	Lip Seal, 42 x 55 x 7 (same as ME003-00-9074)	Western Equipment Ltd.	2	10
MA018-00	Pos 45 or 135650102	Coupling Part 1		1	2
MA018-00	Pos 53	Distance Ring		1	2
MA018-00	POS. 68 or 35930157	Bearing Lining		1	2
MA021-00	CP347-4	4" Globe Valve, SDNR, Flanged, 11.5 F-F, Bronze Trim	Meridian	1	4
MA022-00		Lube Oil Cooler Adapter	Canadian Maritime Engineering Ltd. (West)	2	8
MA022-00	P-130-2Z-L1100	Lube Oil Cooler	Bosch Rexroth Canada Corp.	1	2
MA022-00	P-130-2Z-L1100	Lube Oil Cooler	Bosch Rexroth Canada Corp.	1	1
MA023-00	Anode S (See Alt)	Anode (small) Diameter 1/4"npt x Length 2 1/2"		4	18
MA023-00	Anode S (See Alt)	Anode (small) Diameter 1/4"npt x Length 2 1/2"		4	16
MA023-00	D1T-A-80SS	Barksdale Pressure Switch .5 to 80 psi.	Barksdale	1	3
MA023-00	D1T-A-80SS	Barksdale Pressure Switch .5 to 80 psi.	Barksdale	1	2
MA023-00	MMMCME-0	Anode - Zinc with Brass plug for Bosch Rexroth Hyd. Oil Cooler	Wilson & Proctor Limited	7	25
MA024-00		Seat for SCR 3Way Cooling Valve	None	1	2
MA024-00	10485	Bushing, Butterfly Valve		1	4
MA024-00	10486	Bushing, 4" Butt Valve		1	2
MA024-00	10488	Bushing 8" Butt Valve		1	2
MA024-00	10496	Shaft Seal 2", 2 1/2" & 3" Butt Valve		1	2
MA024-00	10498	Shaft Seal (6" Butterfly Valve)		1	2
MA024-00	10499	Shaft Seal 8" Butt Valve		1	2
MA024-00	10651	O-ring Butt Valve		2	8
MA024-00	371193201	SCR Cooling Module, CRN OH952.56 Drawing #371193201	Unifin International LP	1	2
MB001-00	T-134-1	1" 150lb Gate Valve		1	2
MB001-00	T-134-1/2	1/2" Gate Valve		1	3
MB001-01	BLA 701947	Manual Pump - O-ring		1	3
MB001-01	E530F1ME	Portable Lube Oil Pump Filter	PLAD Equipment Ltd	2	10
MB001-01	KPB-Kit	Sample Probe & Tube	Finning Power Systems	2	10
MB001-01	KPB-Kit	Sample Probe & Tube	Finning Power Systems	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MB001-01	KST18N-C	1/8 " NPT Nipple Lube oil quick sampling connection	Finning Power Systems	1	5
MB001-01	KST18N-C	1/8 " NPT Nipple Lube oil quick sampling connection	Finning Power Systems	1	2
MB002-00	2-472-014-999-00	Mechanical Seal	PLAD Equipment Ltd.	1	3
MB002-00	G432(8)	Head Gasket (set)		1	5
MB002-00	G432-B-RV	PUMP COMPLETE (Transfer Pump)	PLAD Equipment Ltd	1	2
MB002-00	No.4	Mechanical Seal	PLAD Equipment Ltd	1	2
MB003-00	2-307-008-804-15	Relief Valve Gasket for K4125 Pump	PLAD Equipment Ltd.	1	3
MB003-00	3-464-REBUILD-K69	Rebuild Kit for K4124B Pump	PLAD Equipment Ltd.	1	2
MB003-00	3-464-SEAL-K103	Seal Kit for K4125 Pump	PLAD Equipment Ltd.	1	2
MB003-00	3-464-SEAL-K158	Seal Kit for K4124B Pump	PLAD Equipment Ltd.	1	1
MB003-00	K4125	PUMP COMPLETE		1	1
MB003-00	K4125(16)	Mechanical Seal	PLAD Equipment Ltd.	1	3
MB003-00	K4125(23)	Head Gasket		1	5
MB004-00	30112/ PILOT/ TPLR	Lens, Red	NEDCO-Division of Westburne	5	20
MB004-00	5007833	3/4" N.B. Pressure Reg Valve Set	HALIFAX SHIPYARDS LTD.	1	2
MB004-00	861465	Repair Kit for 3/4" Pressure Regulator (PC 0129)	Meridian Specialties Inc.	2	9
MB004-00	FK-1500-29	Fuse Holder		1	2
MB004-00	PC-1035-11	Lens, Green		3	12
MB004-00	PC-1035-14	Lens, Amber		2	11
MB004-00	PC-1035-15	LENS, White or Clear		3	14
MB004-00	PC-1035-19	Lamp 120V		20	64
MB004-00	PC-1035-19	Lamp 120V		2	7
MB004-00	PC-1090-1	Starter, Open Type 2 Pole, 120V 60Hz		1	2
MB004-00	PC-1148	Coalescing Beads (25 lbs)	Hermont Marine	1	5
MB004-00	PC-1148	Coalescing Beads (25 lbs)	Hermont Marine	1	2
MB004-00	PC-1196-2	Solenoid Valve (3/4-Inch)		1	2
MB004-00	PC-1202-5	Body, Coupling		1	3
MB004-00	PC-1203	Coupling, Spider		1	5
MB004-00	PC-1204-1	Moyno PUMP COMPLETE Model 33301		1	1
MB004-00	PC-1204-10	Drive Shaft		1	2
MB004-00	PC-1204-11	Bearing SKF 6203-2RS1/C3	SKF Canada Ltd.	1	3
MB004-00	PC-1204-13	Mechanical Seal		1	2
MB004-00	PC-1204-7	Stator		1	4
MB004-00	PC-1204-7	Stator		1	2
MB004-00	PC-1204-8	Rotor		1	2
MB004-00	PC-1204-9	Joint		1	2
MB004-00	PC-1211-1	Gauge (30 Inch Hg x 30 PSI)		1	2
MB004-00	PC-1211-3	Gauge (200 PSI/1400 KPA)		1	2
MB004-00	PC-1214-1	Safety Valve		1	2
MB004-00	PC-1215-5	Valve, Swing Check, Bronze		1	2
MB004-00	S1-008-9-K8	Coalescer Box Gasket Kit	Hermont Marine	1	3
MB004-00	S1-8-12	Box Upper Coalescer Assy	Hermont Marine	1	3
MB004-00	S1-8-12	Box Upper Coalescer Assy	Hermont Marine	1	2
MB004-00	S1-8-13	Box Lower Coalescer Assy	Hermont Marine	1	2
MB004-00	S1-8-13	Box Lower Coalescer Assy	Hermont Marine	1	2
MB004-00	ST21027-3	Probe Assembly (Lower)		1	2
MB004-00	ST21027-4	Probe Assembly (Upper)		1	2
MB004-01	65225	GMBH Display PCB	Hermont Marine	1	3
MB004-01	PC-1040-2	Oil Content Meter		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MC001-00		3" DN80 Quick Closing Gate Valve, ATSM B62, 150#, Fusible Link, 6" F to F	Wolseley Industrial Canada Inc	1	1
MC001-00		1" Globe Valve 316ss Bolted Bonnet	Meridian Specialties Inc.	1	3
MC001-00	1" Ball Valve	1" Ball Valve 300lb Carbon Steel, S/S Trim, 6-3/8" F. to F.	Canadian Maritime Engineering Ltd. (West)	1	2
MC001-00	1/2" ball valve	1/2" 3 way ball valve 4 bolt flange -face 2 3/4" face to face 5 1/2"	Canadian Maritime Engineering Ltd. (West)	1	3
MC001-00	1505/32491/1IN-7	Valve Closing Spring		1	2
MC001-00	1505/32491/3IN-8	Wing Collar		1	2
MC001-00	1510/32491-13	Non Return Valve		1	2
MC001-00	1510/32491-14	Pressure Gauge		1	2
MC001-00	1510/32491-15	Sight Gauge		1	2
MC001-00	1510/32491-16	Sight Glass Gasket (3 3/4" x 1 1/2" x 1/16")		10	32
MC001-00	1510/32491-42	Relief Valve		1	2
MC001-00	1510/32491-9	Hand Pump O-ring (1" O.D. O-Ring)		1	5
MC001-00	194-1 1/2	1 1/2" Gate Valve		1	2
MC001-00	2876/A-4	Spring		1	2
MC001-00	2876/A-7	O-ring Seal Kit (1 1/4" O.D. O-Ring)		1	4
MC001-00	3" QUICCLOSE-STRAIGHT	3" Globe Valve, Hyd. Oper., Class 150, Flanged, Cast Steel	Young & Cunningham Con Inc.	1	1
MC001-00	312020-888	MR Reset Knob For (PC 0099)	Accu-Flo Meter Services Ltd	2	7
MC001-00	46761	Blocking Rotor Gear		1	2
MC001-00	48960	Displacement Rotor		1	2
MC001-00	49403	Adjuster		1	2
MC001-00	4BF-150M	4 Inch Strainer		1	3
MC001-00	60A	Handwheel		1	2
MC001-00	70A	Handwheel		1	2
MC001-00	73547	Seal Ring		3	14
MC001-00	74067	O-ring		15	48
MC001-00	788700-041	FOM Register		1	2
MC001-00	AC310DSL	Disc		1	2
MC001-00	AC310RMS	Stem		1	2
MC001-00	AC310S	Seat		1	2
MC001-00	AC342G	Gland		1	4
MC001-00	AC342GA	Gasket		1	4
MC001-00	AC342RMS	Stem		1	3
MC001-00	AC342S	Seat		1	2
MC001-00	AC342S	Seat		1	2
MC001-00	AC345A-NR	Stem		1	2
MC001-00	AC345DNR	2" Disc, Globe Valve, 150psi, rising stem	Montreal Valve Reseating Ltd.	1	2
MC001-00	AC345DS	Disc		1	4
MC001-00	AC345DSL	Disc		1	4
MC001-00	AC345GA	Gasket	Crosbie Industrial Services Ltd.	1	4
MC001-00	AC345RMS	Stem		1	4
MC001-00	AC345S	Seat		1	2
MC001-00	AC345SM	Seat		1	4
MC001-00	AC345SS	Stem		1	4
MC001-00	AC345Y	Bonnet		1	4
MC001-00	CP345GA	Gasket		2	8
MC001-00	F-0054B-02TY-1/2	1/2 Inch Gate Valve	Meridian Specialties Inc.	1	5
MC001-00	P2-30-CNA	Switch Handle and Shaft		1	2
MC001-00	Z00-4	Overload Relay 2-4A		1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MC001-00	Z00-6	Overload Relay 4-6A		1	2
MC002-00	186-2	2" Swing Check Valve		3	10
MC002-00	38s-FS2-3/4	3/4 Swing Check Valve	Newco	1	2
MC002-00	F-2074B-02TY-1	1" Globe Valve		1	2
MC002-00	F-2074B-02TY-1/2	½" Globe Valve		1	2
MC003-00	2-109-003-880-00	Bracket Bushing (item 13)	Viking Pump of Canada Inc.	1	3
MC003-00	2-308-012-806-62	Flange Gasket	PLAD Equipment Ltd.	1	3
MC003-00	2-309-001-804-06	Head Gasket (item 19)	Viking Pump of Canada Inc.	4	18
MC003-00	3-418-403-603-42	Idler & Bushing Assembly (item 21)	Viking Pump of Canada Inc.	1	2
MC003-00	3-464-SEAL-K100	Seal Kit, Buna	PLAD Equipment Ltd.	1	2
MC003-00	3-795-506-000-19	Relief Valve for Viking K4124A pump	PLAD Equipment Ltd.	1	3
MC003-00	HL4123	PUMP COMPLETE		1	1
MC003-00	HL4123	PUMP COMPLETE		1	1
MC003-00	HL4123-KIT	Rebuild kit for HL4123 Pump	PLAD Equipment Ltd.	1	2
MC004-00	HANDPUMP	HANDPUMP COMPLETE - V-110-AB - Rating 0.023		1	2
MC005-00	168-4	3 Way Plug Valve		1	2
MC005-00	1762163-01	Feed Pump, Type ACP 032N1 NVBP		1	2
MC005-00	1762163-31	Fuel Feed Pump Seal kit (1 Year)	Alfa Laval	1	4
MC005-00	1762163-31	Fuel Feed Pump Seal kit (1 Year)	Alfa Laval	1	4
MC005-00	1762163-33	Fuel Feed Pump - Spare Parts & Seal Kit (3 to 5 years)	Alfa Laval Canada	1	2
MC005-00	1929200C-99D	Motor, Feed Pump Drive		1	4
MC005-00	194-4	4" Gate Valve		1	2
MC005-00	545687-80	Safety Device		1	4
MC005-00	57109580	Inspection Kit	Alfa Laval Inc.	1	3
MC005-00	57109581	Overhaul Kit	Alfa Laval Inc.	1	2
MC005-00	57109583	Repair Kit	Alfa Laval Inc.	1	1
MC005-00	F-0054B-02TY-1	1" Gate Valve, 285psig @ 100 f		1	2
MC005-00	P168484	Valve Piston	Alfa Laval Inc.	3	11
MC005-00	PFP1047-GW	Winters Gauge for Purifier Feed Pump 4" - 1/2" NPT 30vac 100 psi	Canadian Maritime Engineering Ltd. (West)	1	5
MC005-00	PFP659-GW	Winters Gauge for Purifier Feed Pump 4" - 1/2" NPT BTM 0-100 psi	Wolseley Industrial Canada Inc	1	5
MC005-00	PFP664-GW	Winters Gauge for Purifier Feed Pump 4" - 1/2" NPT BTM 0-1000 psi	Canadian Maritime Engineering Ltd. (West)	1	5
MC005-00	PPC5124	Winters Gauge, 4-1/2' Face 0-30 vacuum 0-160 psi 1/4" NPT Bottom	Canadian Maritime Engineering Ltd. (West)	1	3
MC006-00	1762012-80	Flexible Hose Oil Lg 600mm		1	4
MC006-00	1763875-80	Valve Assembly For Water Seal		2	7
MC006-00	1763910-01	Flexible Hose Water		1	5
MC006-00	222137-10	Cylindrical Pin		1	2
MC006-00	223404-20	O-ring (2cm)		5	21
MC006-00	223406-29	O-ring		4	19
MC006-00	223406-30	O-ring		7	28
MC006-00	223406-35	O-ring	Alfa Laval Canada	4	17
MC006-00	223410-05	O-ring		10	30
MC006-00	223641-17	Snap Ring		1	5
MC006-00	233211-06	Ball Bearing		1	2
MC006-00	260169-23	Flat Belt 60 Hz	Alfa Laval Canada	1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MC006-00	260169-23	Flat Belt 60 Hz	Alfa Laval Canada	1	2
MC006-00	32652	Spring		1	4
MC006-00	37-200	Anti syphon valve for Fuel Oil Purifier 1/2"	Canadian Maritime Engineering Ltd. (West)	2	7
MC006-00	37535	Ball Bearing		2	7
MC006-00	37535	Ball Bearing		1	2
MC006-00	526353-05	Hexagon Nipple		1	3
MC006-00	542986-04	Washer		1	4
MC006-00	542986-04	Washer		1	3
MC006-00	543568-02	Lock Ring		1	2
MC006-00	543612-01	Gasket		1	4
MC006-00	543612-01	Gasket		1	2
MC006-00	543613-02	Top Bearing Cover		1	2
MC006-00	543619-80	Rubber Buffer		1	2
MC006-00	543663-01	Height Adjusting Ring	Alfa Laval	2	8
MC006-00	543663-01	Height Adjusting Ring	Alfa Laval	1	2
MC006-00	544012-02	Insert	Alfa Laval Inc.	1	4
MC006-00	544058-02	Coupling Nave 60 Hz		1	2
MC006-00	544203-02	Fan	Alfa Laval Canada	1	2
MC006-00	544386-01	Gasket	Alfa Laval Canada	2	9
MC006-00	545 687-80	Safety Device		1	4
MC006-00	545 687-80	Safety Device		1	3
MC006-00	545 687-80	Safety Device		1	2
MC006-00	545 687-80	Safety Device		1	2
MC006-00	545601-80	Oil Pump	Alfa Laval Canada	1	2
MC006-00	545765-01	Nut		1	2
MC006-00	545795-08	Gravity Disc Dia. 73mm		2	7
MC006-00	545795-08	Gravity Disc Dia. 73mm		1	2
MC006-00	545795-10	Gravity Disc Dia. 64mm		1	2
MC006-00	545795-11	Gravity Disc Dia. 69mm		1	2
MC006-00	545831-80	Oil Filling Device		1	1
MC006-00	545856-80	Belt Tightener	Alfa Laval Inc.	1	5
MC006-00	545888-82	Inlet Pipe W. Paring Disc	Alfa Laval Canada	1	2
MC006-00	545892-01	Frame Foot		1	3
MC006-00	546098-03	Worm Gear Housing Oil 1 L		3	11
MC006-00	547992-01	Packing		1	4
MC006-00	547992-01	Packing		1	2
MC006-00	548003-01	Hook		1	3
MC006-00	548029-01	Top Disc		2	7
MC006-00	548029-01	Top Disc		1	2
MC006-00	548029-01	Top Disc		1	2
MC006-00	548047-80	Spindle		1	2
MC006-00	548049-01	Adapter		1	2
MC006-00	548051-05	Ball Bearing		2	7
MC006-00	548152-03	Washer		10	39
MC006-00	548152-03	Washer		1	2
MC006-00	548809-01	Intermediate Service Kit	Alfa Laval Canada	3	12
MC006-00	548809-01	Intermediate Service Kit	Alfa Laval Canada	1	2
MC006-00	548810-02	Major Service Kit	Alfa Laval Canada	2	5
MC006-00	548831-01	Friction Element		1	3
MC006-00	548831-01	Friction Element		1	3
MC006-00	548831-01	Friction Element		1	2
MC006-00	548831-01	Friction Element		1	2
MC006-00	549553-01	Inlet Housing		1	2
MC006-00	553159-02	Handle		1	2
MC006-00	6009-2RS1 (Use Alt)	Ball Bearing, Friction Coupling	Alfa Laval Inc.	1	3
MC006-00	74067	O-ring		15	56

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MC006-00	800T-N65	Lamp 6.3V, 0.15A - Order Alternate		15	50
MC006-00	800T-N65	Lamp 6.3V, 0.15A - Order Alternate		5	21
MC008-00	11031A	RACOR Coalescor Clear Bowl Model 79/1000 MA	Racor Industries Inc.	1	2
MC008-00	11041	Bowl Drain Gasket		3	12
MC008-00	1606B	Gauge, Vacuum	Wilson & Proctor Limited	1	2
MC008-00	2020SM-OR	Filter Element, 2 Micron (Coalescer)	Atlantic Hardchrome Limited	4	16
MC008-00	55447680	Cover	Alfa Laval Inc.	1	2
MC008-00	PH-80108-900	1" Flow Meter		1	2
MC008-00	RK19492	Isolating Valve		1	2
MC008-00	YSTR1	1" Y Strainer		1	2
MC009-00	23177-400	"D" Housing Bushing	Gorman-Rupp	1	4
MC009-00	25154-028	O'Ring	Gorman-Rupp	1	2
MC009-00	25154-028	O'Ring	Gorman-Rupp	1	2
MC009-00	25154-033	O'Ring	Gorman-Rupp	1	4
MC009-00	25271-888	Mechanical Seal	Gorman-Rupp	1	3
MC009-00	25271-888	Mechanical Seal	Gorman-Rupp	1	3
MC009-00	31133-238	Idler Bushing (14000)	Gorman-Rupp	2	9
MC009-00	31215-041	Thrust Washer (24010)	Gorman-Rupp	10	31
MC009-00	38683-252	Backhead Gasket (19060)	Gorman-Rupp	7	25
MC009-00	46155-201	DC Idler Assy	Gorman-Rupp	2	7
MC009-00	46155-201	DC Idler Assy	Gorman-Rupp	1	2
MC009-00	48211-801	"D" Gasket	Gorman-Rupp	7	25
MC009-00	48254-204	Cover Plate	Gorman-Rupp	2	8
MC009-00	48254-204	Cover Plate	Gorman-Rupp	1	3
MC009-00	BD0403 15991	HD Capscrew STL	Gorman-Rupp	15	48
MC009-00	GMC 1DC3-B (1115098)	Fuel Oil Boost Pump	Gorman-Rupp	1	1
MD001-00		Drain Plugs	Victoria Shipyards Co. Ltd	2	7
MD001-00		Drain Plugs	Victoria Shipyards Co. Ltd	1	2
MD001-00	0050YT6032	1/2" Strainer	Steamflo Strainers	2	9
MD001-00	36450	Plug Valve		1	2
MD001-00	916BFEV03-AKE	1" X 1-1/2" Kunkle Relief Valve - Set at 112.0 PSI	Wolseley Industrial Canada Inc	1	1
MD001-00	916BFEV03-KE0050	1" X 1-1/2" Kunkle Relief Valve - Set at 50 PSI	CTH Instruments Limited	1	1
MD001-00	U011963909	Leslie 1/2' & 3/4" LS-5/LES-5 Rebuild Kit	CG Industrial Specialties Ltd.	1	4
MD001-00	U011963910	Leslie 1" - LS-5/LES-5 Rebuild Kit	CG Industrial	1	4
MD001-00	U011963911	Leslie Rebuild Kit for 1-1/4" LS-5 Valve	CTH Instruments Limited	1	2
MD001-00	U303932302	1" Leslie Reducer Valve, (Pressure Regulating Valve), Model LS-5, 7-3 BAR, 1" line, Threaded IN/OUT	CG Industrial	1	3
MD002-00	001 884	Seal, Shaft Rotary	Sauer Compressors	4	18
MD002-00	002 543	Lug Ring 46/41, 9x2, 5 DIN 24930 So GG	SAUER Compressors USA	2	11
MD002-00	002 563	Lug Ring 100/91, 4x3, 5 DIN 24930 So GG	SAUER Compressors USA	2	9
MD002-00	002 563	Lug Ring 100/91, 4x3, 5 DIN 24930 So GG	SAUER Compressors USA	1	3
MD002-00	002 563	Lug Ring 100/91, 4x3, 5 DIN 24930 So GG	SAUER Compressors USA	1	2
MD002-00	002 576	Oil Scraper Ring 46/41, 9x4 Similar DIN 24946 SoGG	SAUER Compressors USA	3	10
MD002-00	002 662	R-Ring 46/41, 9x2, 5 DIN 24910 So GG	SAUER Compressors USA	2	9

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MD002-00	002 662	R-Ring 46/41, 9x2, 5 DIN 24910 So GG	SAUER Compressors USA	1	5
MD002-00	002 662	R-Ring 46/41, 9x2, 5 DIN 24910 So GG	SAUER Compressors USA	1	3
MD002-00	002 755	Rectangular Ring 100/91, 4x3, 5 DIN 24910 So GG	SAUER Compressors USA	2	11
MD002-00	002 755	Rectangular Ring 100/91, 4x3, 5 DIN 24910 So GG	SAUER Compressors USA	1	2
MD002-00	002 973	Lock Ring 20x1 DIN 472	J. P. Sauer & Sohn Maschinenbau	3	10
MD002-00	002 973	Lock Ring 20x1 DIN 472	J. P. Sauer & Sohn Maschinenbau	3	10
MD002-00	002 973	Lock Ring 20x1 DIN 472	J. P. Sauer & Sohn Maschinenbau	1	3
MD002-00	005 009	Gasket A 22x27 DIN 7603 Cu	SAUER Compressors USA	5	23
MD002-00	005 029	Gasket A 48x55 DIN 7603 Cu	Sauer Compressors	2	7
MD002-00	006 187	Union DSVW 16-PSR St		1	5
MD002-00	011 130	Non-return valve	J. P. Sauer & Sohn Maschinenbau	1	4
MD002-00	030 752	Safety Valve Stage II 30 Bar	SAUER Compressors USA	1	2
MD002-00	030 915	Safety Valve Stage I 8 Bar		1	3
MD002-00	031 103	O-ring 165x5 B Similar DIN 3770 NB 70	SAUER Compressors USA	2	10
MD002-00	031 632	Ball Valve	J. P. Sauer & Sohn Maschinenbau	1	3
MD002-00	031 632	Ball Valve	J. P. Sauer & Sohn Maschinenbau	1	3
MD002-00	032 117	Piston Pin 20/13x91 DIN 73125 Ck 15	SAUER Compressors USA	2	8
MD002-00	032 117	Piston Pin 20/13x91 DIN 73125 Ck 15	SAUER Compressors USA	1	2
MD002-00	034 984	Lamellar Valve		1	1
MD002-00	034 988	G-Ring 100/91, 6x5 DIN 70948 So GG	SAUER Compressors USA	2	8
MD002-00	034 989	PISTON STAGE I		1	1
MD002-00	035 010 (Discontinued)	Pressure Gauge 0 - 60 Bar (See P/N: 038 282)	J. P. Sauer & Sohn Maschinenbau	2	8
MD002-00	035 026	Cylindrical Roller Bearing NJ 2208 DIN 5412	SAUER Compressors USA	2	8
MD002-00	035 048	FLEXIBLE COUPLING 42/55 FOR E-MOTOR SIZE 132		1	5
MD002-00	035 191	Needle Bush HK 2016 DIN 618		2	8
MD002-00	035 426	Sieve		3	12
MD002-00	035 468	Temp Regulator Switch	J. P. Sauer & Sohn Maschinenbau	2	5
MD002-00	037 682	Solenoid Valve 115v AC	J. P. Sauer & Sohn Maschinenbau	1	2
MD002-00	038 310	Discharge Hose	J. P. Sauer & Sohn Maschinenbau	1	4
MD002-00	039 029	Bearing Second Stage	J. P. Sauer & Sohn Maschinenbau	1	3
MD002-00	050 459	Connecting Rod Screw	SAUER Compressors USA, Inc.	2	10
MD002-00	050 519	Piston Pin Bushing		2	8
MD002-00	050 520	Connecting Rod Bearing (sets of 2 pces)	Sauer Compressors	1	4
MD002-00	050 520	Connecting Rod Bearing (sets of 2 pces)	Sauer Compressors	1	3
MD002-00	050 585	Piston Pin	SAUER Compressors USA	2	8
MD002-00	050 585	Piston Pin	SAUER Compressors USA	1	2
MD002-00	060 264	Gasket	Sauer Compressors	2	8
MD002-00	060 266	Cylinder Head Packing (Gasket)	Sauer Compressors	1	5
MD002-00	060 266	Cylinder Head Packing (Gasket)	Sauer Compressors	1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MD002-00	060 342	Fusible Plug		1	3
MD002-00	060 355	Piston	SAUER Compressors USA	2	7
MD002-00	060 448	Gasket - cylinder foot packing	Sauer Compressors	2	7
MD002-00	060 449	Gasket	Sauer Compressors	2	8
MD002-00	060 695	Connecting Rod		1	1
MD002-00	061 001	Discharge Hose c/w Switch	J. P. Sauer & Sohn Maschinenbau	1	4
MD002-00	065568	Resilient Mount, 22L	SAUER Compressors USA	1	3
MD002-00	08093-740-020	Air Compressor Pressure Switch	Canadian Maritime Engineering Ltd. (West)	1	4
MD002-00	35162	Drain Valve	J. P. Sauer & Sohn Maschinenbau	2	6
MD002-00	6680-12-353-0427	Dipstick	SAUER Compressors USA	1	2
MD002-00	KPS79	Air Temperature Shutdown Switch - Danfoss	J. P. Sauer & Sohn Maschinenbau	1	4
MD002-00	WP22L-100	Compressor	J. P. Sauer & Sohn Maschinenbau	1	1
MD002-00	WP22L-8KF	Compressor spare parts Kit	J. P. Sauer & Sohn Maschinenbau	1	2
MD004-00	0030-A01-KM0465	Air Relief Valve, KUNKLE, 1/4" capacity, 965cfm, 465 psig	Kunkle Industries Inc.	2	8
MD004-00	0030-A01-KM0465	Air Relief Valve, KUNKLE, 1/4" capacity, 965cfm, 465 psig	Kunkle Industries Inc.	1	5
MD004-00	22718-90	Top Cap Gasket		1	3
MD004-00	30-A01-KM0456.5	Pressure Relief Valve	CTH Instruments Ltd.	1	3
MD004-00	30-A01-KM456.0	Pressure Relief Valve, 1/4", set 456psi	Kunkle Industries Inc.	1	5
MD004-00	30-A01-KM478	Pressure Relief Valve - 478 psi	CTH Instruments Ltd.	1	4
MD004-00	35222	Bottle Pressure Switch 2-32 BAR Type: FF444-V5-DAF	J.P. Sauer & Sohn	1	4
MD004-00	35222	Bottle Pressure Switch 2-32 BAR Type: FF444-V5-DAF	J.P. Sauer & Sohn	1	2
MD004-00	916BFEV02- KG011	1 X 1 1/2" Relief Valve	Kunkle Industries Inc.	1	1
MD004-00	F-0074B-02TY	1 1/4" Globe Valve		1	2
MD004-00	S-2074B-02TY	1/2" Globe valve (Same PN as 1")		1	2
MD004-00	S-2074B-02TY	1" Globe Valve	Victoria Shipyards Co. Ltd	1	2
MD004-00	U303932502	1-1/4" Leslie Reducing Valve, Class LS-5	CTH Instruments Ltd.	1	2
MD004-00	W8742-8-DE71	Ball Valve		1	3
ME001-00		2 1/2" Gate Valve 150lbs 7.5 F to F NRS	Meridian Specialties Inc.	1	2
ME001-00		1 1/2" gate Valve, 5 1/4 f-f, non- rising stem, 4hole	Wolseley Industrial Canada Inc	1	2
ME001-00		1 1/4" Globe Valve, SDNR, 150PSI, B62, Thr-Thr	Meridian Specialties Inc.	1	3
ME001-00		1 1/2" Globe Valve, SDNR, 150PSI, B62, Thr-Thr	Meridian Specialties Inc.	2	8
ME001-00		1 1/2" Globe Valve, Bronze, 300S, Threaded	Canadian Maritime Engineering Lt	1	3
ME001-00		1 1/2" Gate Valve, Brass, 300S, Threaded	Canadian Maritime Engineering Lt	1	3
ME001-00		1" Globe Valve, 150PSI, Bronze Body & Trim, SDNR, B62 Threaded Ends	Meridian Specialties Inc.	1	4
ME001-00		Gland Packing 5/16"	Caird Mechanical Contractors Ltd	3	15
ME001-00		Gland Packing 1/4"	Caird Mechanical Contractors Ltd	3	15
ME001-00		Gland Packing 3/16"	Caird Mechanical Contractors Ltd	3	15

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ME001-00		1" 400 SW SR 90, 90-10 CU-NI	Alaskan Copper & Brass Company	2	7
ME001-00		4" 150 FF SO Flange 90-10 CU-NI	Alaskan Copper & Brass Company	1	2
ME001-00		1 1/2" Teflon Valve Disc (for Globe vv)	Victoria Shipyards Co. Ltd	4	17
ME001-00		Hand Wheel 8"	Halifax Shipyard Ltd.	1	2
ME001-00	0800/BASKET/PERF	8" REPLACEMENT BASKET, SS, 1/8" PERF. - FOR 8" STRAINER	United Engineering Ltd	1	3
ME001-00	0800-BF125C-125	8" Strainer, 150 psi, flanged c/w quick opening cover ASTM-A216, SS Basket 1/8 inch perforation	SureFlow Equipment	1	3
ME001-00	0800-BF125C-125	8" Strainer, 150 psi, flanged c/w quick opening cover ASTM-A216, SS Basket 1/8 inch perforation	SureFlow Equipment	1	1
ME001-00	1" Angle	1" Angle Globe Valve, 300 psi flanged	Halifax Shipyard Ltd.	1	2
ME001-00	1255 200WOG	2 1/2" Swing Check Valve, 150#, Flanged, Bolted Cover, Bronze Body and Trim, F-F 8.5" FIG.407	Halifax Shipyard Ltd.	1	3
ME001-00	125S 200WOG (TOYO Red-White)	2 1/2" Check Valve (Bronze) (Fire Main Shore Connection)		1	3
ME001-00	188-BR-3	3" Globe Valve 300lbs BRZ Body, FLGD, 316SS, SDNR, BB, OS&Y, 12-1/2" F to F, drilled to ANSI 300 STD	Wolseley Industrial Canada Inc	1	1
ME001-00	2 1/2" CHECK VALVE	2 1/2" CHECK VALVE, #150, 6 BOLT FLG BOLTED BONNET, BRONZE BODY, 1377, FOR FIRE MAIN SHORE CONNECTION	Wolseley Industrial Canada Inc	1	3
ME001-00	21222150	3/4" 150 FF SO Flange 90-10 CU-NI	Alaskan Copper & Brass Company	1	2
ME001-00	21222200	1" 150N FF SO Flange 90-10 CU-NI	Alaskan Copper & Brass Company	1	2
ME001-00	21222300	1 1/2"NPS 150 FLAT FACED SLIP-ON FLANGE 90-10 CU-NI ANSI B 16.5	Alaskan Copper & Brass Company	1	3
ME001-00	21222400	2" NPS 150 Flat Faced Slip-on Flange 90-10 CU-NI	Alaskan Copper & Brass Company	2	11
ME001-00	21222450	2 1/2" NPS 150 Flat Face Slip-on Flange 90-10 CU-NI	Alaskan Copper & Brass Company	2	8
ME001-00	21222500	3" NPS 150 Flat Face Slip-on Flange 90-10 CU-NI	Alaskan Copper & Brass Company	1	2
ME001-00	223641	NOHA Brass Nozzle		2	8
ME001-00	3" Globe Valve	3" 150 psi Bronze body & trim quick opening Globe Valve, flanged, SS spring, c/w lever handle (drilled to ANSI 150 std), 9 1/2' F to F	Halifax Shipyard Ltd.	1	2
ME001-00	3" Globe Valve	3" 150 psi Bronze body & trim quick opening Globe Valve, flanged, SS spring, c/w lever handle (drilled to ANSI 150 std), 9 1/2' F to F	Halifax Shipyard Ltd.	1	1
ME001-00	31-0300-11010-109X	3" Butterfly Valve Bray, DI Body, NDI Disc. 316SS Stem, Buna Seat, Latch Plate Lever	Meridian Specialties Inc.	1	4
ME001-00	31-0400-11010-109X	4" Butterfly Valve, Bray	Meridian Specialties Inc.	1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ME001-00	6801-150	3/4" 400 SW SR90, 90-10 CU-NI	Viking Metals & Marine Supplies	4	18
ME001-00	6801-250	1 1/4" 400 Socket welding 90 Degree Elbow	Alaskan Copper & Brass Company	1	2
ME001-00	6801-300	1 1/2" 400 Socket Welding 90 Degree Elbow 90-10 CU-NI	Alaskan Copper & Brass Company	1	5
ME001-00	6804-100	1/2" 400 Socket Welding 45 Degree Elbow 90-10 CU-NI	Alaskan Copper & Brass Company	1	5
ME001-00	6804-200	1" 400 Socket Welding 45 Degree Elbow 90-10 CU-NI	Viking Metals & Marine Supplies	1	4
ME001-00	6804-250	1 1/4" 400 Socket Welding 45 Degree Elbow 90-10 CU-NI	Viking Metals & Marine Supplies	1	3
ME001-00	6804-300	1 1/2" 400 Socket Welding 45 Degree Elbow 90-10 CU-NI	Alaskan Copper & Brass Company	1	3
ME001-00	6811-150	1/2" 400 Socket Welding 90 Degree Elbow 90-10 CU-NI	Alaskan Copper & Brass Company	3	13
ME001-00	6811-200	1" 400 Socket Welding 90 Degree Elbow 90-10 CU-NI	Viking Metals & Marine Supplies	3	15
ME001-00	6815-100	1/2" 400 SW Union 90-10 CU-NI	Viking Metals & Marine Supplies	1	4
ME001-00	6815-150	3/4" 400 SW Union 90-10 CU-NI	Viking Metals & Marine Supplies	2	10
ME001-00	6815-200	1" 400 SW Union 90-10 CU-NI	Viking Metals & Marine Supplies	2	8
ME001-00	6815-250	1 1/4" 400 SW Union	Alaskan Copper & Brass Company	1	3
ME001-00	6815-300	1 1/2" 400 SW Union 90-10 CU-NI	Alaskan Copper & Brass Company	1	3
ME001-00	6821-150	3/4" 400 Socket Welding Tee 90-10 CU-NI	Viking Metals & Marine Supplies	1	4
ME001-00	6821-200	1" 400 Socket Welding Tee 90-10 CU-NI	Alaskan Copper & Brass Company	2	8
ME001-00	6821-250	1 1/4" 400 Socket Welding Tee 90-10 CU-NI	Viking Metals & Marine Supplies	1	2
ME001-00	6850-150	3/4" 400 Socket Welding Full Coupling 90-10 CU-NI	Alaskan Copper & Brass Company	1	4
ME001-00	6850-198	1" X 1/2" 400 SW Red Coupling 90-10 CU-NI	Alaskan Copper & Brass Company	1	3
ME001-00	6850-200	1" 400 Socket Welding Full Coupling 90-10 CU-NI	Alaskan Copper & Brass Company	1	3
ME001-00	6850-450	2 1/2" CL200 (2 7/8 ID X .095" MIN) CU-NI SLEEVE	Alaskan Copper & Brass Company	1	3
ME001-00	6857-199	1" X 3/4" 3000 Socket Welding Reducing Insert 90-10 CU-NI	Viking Metals & Marine Supplies	2	10
ME001-00	6857-249	1 1/4" X 1" 3000 Socket Welding Reducing Insert 90-10 CU-NI	Alaskan Copper & Brass Company	1	3
ME001-00	7202100	.840 OD (1/2" NOM) X .065" MIN CU-NI TUBING	Alaskan Copper & Brass Company	10	40
ME001-00	7202150	1.05" OD (3/4" NOM) X .065" MIN CNI TUBING	Alaskan Copper & Brass Company	10	40
ME001-00	7202200	1.315" OD (1" NOM) X .065" MIN CU-NI TUBING	Alaskan Copper & Brass Company	20	60
ME001-00	8" BA-150/ASA-300/AB-550N	8" Butterfly Valve	Young & Cunningham Con Inc.	1	2
ME001-00	88104400	2" CL 200 (2 3/8"OD X .083") 90-10 CU-NI LR 45 DEGREE ELBOW	Alaskan Copper & Brass Company	1	3
ME001-00	88104450	2 1/2" CL200 (2/78" OD X .083") CU-NI LR 45 DEGREE ELBOW	Alaskan Copper & Brass Company	1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ME001-00	88111400	2" CL 200 (2 3/8" OD X .083") CU-NI LR 90 DEGREE ELBOW	Alaskan Copper & Brass Company	1	5
ME001-00	88111450	2 1/2" CL200 (2 7/8" OD X .083") CU-NI 90 DEGREE ELBOW	Alaskan Copper & Brass Company	2	10
ME001-00	88121400	2" CL 200 (2 7/8" OD X.083") CU-NI TEE	Alaskan Copper & Brass Company	1	4
ME001-00	88121400	2" CL 200 (2 7/8" OD X.083") CU-NI TEE	Alaskan Copper & Brass Company	1	4
ME001-00	88121500	3" CL 200 (3 1/2" OD X.095") CU-NI TEE	Alaskan Copper & Brass Company	1	2
ME001-00	88121600	4" CL 200 (4 1/2" OD X.109) CU-NI TEE	Alaskan Copper & Brass Company	1	2
ME001-00	88150296	1 1/2" X 1/2" CL 200 (1.90" X .840" OD X .072" X .065" Butt Weld Concentric Reducer 90-10 CU-NI	Alaskan Copper & Brass Company	1	2
ME001-00	88150395	2" X 1/2" Class 200 Concentric Reducer 90-10 CU-NI	Alaskan Copper & Brass Company	1	3
ME001-00	88150396	2" X 3/4" CL 200 (2 3/8" OD X 1.05" OD X .083 X .065") Concentric Reducer 90-10 CU- NI	Alaskan Copper & Brass Company	1	3
ME001-00	88150398	2" X 1 1/4" CL 200 (2 3/8" OD X 1.66" OD X .083 X .072 Concentric Reducer 90-10 CU- NI	Alaskan Copper & Brass Company	1	2
ME001-00	88150399	2" X 1 1/2" CL 200 (2 3/8" OD X 1.90" OD X .083" X .072") 90-10 CU-NI CONCENTRIC REDUCER	Alaskan Copper & Brass Company	1	2
ME001-00	88150444	2 1/2" X 1/2" CL 200 (2 3/8" OD X .840" OD X .083" X .065") 90-10 CU-NI CONCENTRIC REDUCER	Alaskan Copper & Brass Company	1	2
ME001-00	88150446	2 1/2" X 1" CL200 (2 7/8"OD X 1.315"OD X .083" X .065") 90- 10 CU-NI CONCENTRIC REDUCER	Alaskan Copper & Brass Company	1	2
ME001-00	88150448	2 1/2" X 1 1/2" CL 200 (2 7/8" OD X 1.90" OD X .083 X .072") Concentric Reducer 90-10 CU- NI	Alaskan Copper & Brass Company	1	2
ME001-00	88150449	2 1/2" X 2" CL200 (2 7/8" OD X 2 3/8" OD X .083") CU-NI CONCENTRIC REDUCER	Alaskan Copper & Brass Company	1	3
ME001-00	88150497	3" X 3" X 1 1/2" CL200 (3 1/2" OD X 3 1/2" OD X 1.90" OD X .095" .095" X .072") CU-NI REDUCING TEE	Alaskan Copper & Brass Company	1	3
ME001-00	88150498	3" X 2" CL200 (3 1/2" OD X 2 7/8 " OD X.095" X .083") CU- NI CONCENTRIC REDUCER	Alaskan Copper & Brass Company	1	2
ME001-00	88150499	3" X 2 1/2" CL200 (3 1/2" OD X 2 7/8" OD X .095" X .083") CONCENTRIC REDUCER	Alaskan Copper & Brass Company	1	2
ME001-00	88150596	4" X 4" X 2" CL200 (4 1/2" OD X 4 1/2" X 2 3/8 OD X >109 X .109 X .083 Reducing Tee 90-10 CU-NI	Alaskan Copper & Brass Company	1	3
ME001-00	88150597	4" X 2 1/2" CL 200 (4 1/2" OD X 2 7/8" OD X .109 X .083") 90-10 CU-NI CONCENTRIC REDUCER	Alaskan Copper & Brass Company	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ME001-00	88150598	4" X 3" CL200 (4 1/2" OD X 3 1/2" OD X.109" X .095") 90-10 CU-NI CONCENTRIC REDUCER	Alaskan Copper & Brass Company	1	2
ME001-00	9121665	2.78" OD (2 1/2 NOM) X .083 MIN Wall UNS C70600 LC 200 MIL-T-16420K (1) Seamless Tubing 90-10 CU-NI	Alaskan Copper & Brass Company	30	100
ME001-00	9121666	2.375" OD (2" NOM) X .083" CU-NI TUBING	Alaskan Copper & Brass Company	5	20
ME001-00	9121667	1.90" OD (1 1/2 NOM) X .072" CU-NI TUBING	Alaskan Copper & Brass Company	5	20
ME001-00	9121669	1.66" OD (1 1/4"NOM) X .072" MIN TUBING - QTY. IN FEET	Alaskan Copper & Brass Company	10	40
ME001-00	BF150C	2" Strainer c/w 1/4" ball valve & 1/4" nipple	Meridian Specialties Inc.	1	2
ME001-00	CP244-2 1/2	2 1/2" Gate Valve, Bronze, Flanged 7.5" F to F	Meridian Specialties Inc.	1	3
ME001-00	CP245RS	3" Gate Valve, bronze, flanged, 8" face to face	W & O Supply	1	4
ME001-00	CP247RS	4" Gate Valve, 150psi, flanged, 9" face to face	Caird Mechanical Contractors Ltd	1	3
ME001-00	CP347-4	4" Globe Valve SDNR FLGD, 11.5" F-F Stainless Steel Trim - Crosby	Crosbie Industrial Services Ltd.	1	2
ME001-00	CP347-4	4" Globe Valve SDNR FLGD, 11.5" F-F Stainless Steel Trim - Crosby	Crosbie Industrial Services Ltd.	1	1
ME001-00	Disc1-1/2	1-1/2" Disc for SNDR Globe Valve, 150psi, Bronze, ASTM B-61, 316 st. st trim	A. Crosbie Inc	3	10
ME001-00	Disc3	3" Disc for SNDR Globe Valve, 150psi, Bronze, ASTM B-61, 316 st. st trim	A. Crosbie Inc	2	11
ME001-00	Disc4	4" Disc for SNDR Globe Valve, 150psi, Bronze, ASTM B-61, 316 st. st trim	A. Crosbie Inc	2	10
ME001-00	GL-1246SS	2" Globe Valve. 150psi, Bronze, Flanged 8" F to F, SDNR, OS & Y	W & O Supply	2	5
ME001-00	GT-40030	4" Gate Valve, 300lb, 12" F to F, 10" flange	Viking Metals & Marine Supplies	1	1
ME001-00	NOHA Model 1F	NOHA Hose Reel	NOHA	1	1
ME001-00	NOT SDNR	4" Globe		1	2
ME001-00	PPC5086	4.5", 1/4" NPT BTM Fire Main Pressure Gauge 0-200 psi	Victoria Shipyards Co. Ltd	1	3
ME001-00	RS1	Piston Snubber - Air, Water, Steam 0-3000psi, 1/4' NPT, Brass, 3 1/2" long	Canadian Maritime Engineering Ltd. (West)	2	8
ME001-00	Seat1-1/2	1-1/2" Seat for SNDR Globe Valve, 150psi, Bronze, ASTM B-61, 316 st. st trim	A. Crosbie Inc	3	10
ME001-00	Seat3	3" Seat for SNDR Globe Valve, 150psi, Bronze, ASTM B-61, 316 st. st trim	A. Crosbie Inc	3	10
ME001-00	Seat4	4" Seat for SNDR Globe Valve, 150psi, Bronze, ASTM B-61, 316 st. st trim	A. Crosbie Inc	2	9
ME001-00	Spindle1-1/2	Spindle1 1/2" for SDNR Globe Valve, 150psi, Bronze, ASTM B-61, 316 st. st trim	Halifax Shipyard Ltd.	1	2
ME001-00	Spindle2	2" Spindle for SDNR Globe Valve, 150psi, Bronze, ASTM B-61, 316 st. st trim	A. Crosbie	1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ME001-00	Spindle3	3" Spindle for SDNR Globe Valve, 150psi, Bronze, ASTM B-61, 316 st. st trim	A. Crosbie Inc	1	3
ME001-00	Spindle4	4" Spindle for SDNR Globe Valve, 150psi, Bronze, ASTM B-61, 316 st. st trim	A. Crosbie Inc	1	3
ME001-00	Spindle4A	4" Spindle for SDNR Angle Globe Valve, 300psi, Bronze, ASTM B-61, 316 st. st trim	A. Crosbie Inc	1	3
ME001-00	T-235-Y-1 1/2	1 1/2" Globe Valve, Bronze, Threaded	Caird Mechanical Contractors Ltd	1	3
ME001-00	T-433-B 1 1/2	1 1/2" Swing Valve		1	3
ME003-00	124890120 Pos 14	Lock Washer (Bronze)		2	8
ME003-00	13970-151	1/2" Non-Return Valve & Strainer		1	2
ME003-00	13971-149	Packing		3	10
ME003-00	13971-149	Packing		2	7
ME003-00	13971-22	Seal Ring, type 2030		1	2
ME003-00	13971-44	Spring, type 6075	Kaycom Inc	1	2
ME003-00	13971-73	Pump Shaft	Kaycom Inc	1	1
ME003-00	13971-77	Connection Piece	Kaycom Inc	1	4
ME003-00	151	Gasket 1-1/2" - 150# Durlon 8500 1/16" 5/8" holes	Wolseley Industrial Canada Inc	3	12
ME003-00	161910157	Bearing Bush, Railko		2	7
ME003-00	201	Gasket 2" - 150# Durlon 8500 1/16" 3/4" holes	Kaycom Inc	10	32
ME003-00	217472044	Packing Set		1	3
ME003-00	217480444	Gasket	Austin and Denholm Industrial Sales Inc.	1	3
ME003-00	217510640	Shaft Seal Ring - Pos. 420.6	PLAD EQUIPMENT LTD.	1	2
ME003-00	217514540	Lip Seal, 46 x 65 x 10 (same as MA018-00-0073)	Western Equipment Ltd.	2	7
ME003-00	217520209	Grease Nipple		2	8
ME003-00	217625148	Mech. Seal (Dwg 13.970-26)	JOHN CRANE	1	5
ME003-00	217633909 SKF# SKF3308ATN9/C3	Ball Bearing POS 20	Motion Industries (Canada) Inc.	2	8
ME003-00	217661804	Roller Bearing POS 19	Kinecor Inc.	2	9
ME003-00	218551709	Bearing Nut, Pos 21	IRON A/S	1	3
ME003-00	2291012540	Coupling Flex Inserts Position 867	IRON A/S	1	4
ME003-00	2291012540	Coupling Flex Inserts Position 867	IRON A/S	1	2
ME003-00	2291014040	Coupling Flex Inserts Position 867	Austin and Denholm	1	2
ME003-00	2291014040	Coupling Flex Inserts Position 867	Austin and Denholm	1	2
ME003-00	257870126 (use Alt)	Case Wear Ring POS 16	Iron Pump A/S	1	2
ME003-00	286050126	Case Wear Ring POS 15 (NOT THE SAME AS 502.1)	Austin and Denholm	1	5
ME003-00	301	Gasket 3" - 150# Durlon 8500 1/16" 3/4" holes		3	12
ME003-00	301	Gasket 3" - 150# Durlon 8500 1/16" 3/4" holes		1	4
ME003-00	501	Gasket 5"		1	2
ME003-00	801	Gasket 8"		1	2
ME003-00	FLSMS 42x55x7	LIP Seal	Western Equipment Ltd.	1	4
ME003-00	KMB 8	Nut & Lock Washer		1	2
ME003-00	N-EUPEX 28116444485	Coupling Type A, motor end, pos # 861-1		1	1

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ME003-00	QVP 2-4/300 (Dwg No. 13.970)	General Service Pump COMPLETE. Dwg.13.970/971	IRON A/S	1	1
ME003-00	QVP 2-4/300 (Dwg No. 13.970)	General Service Pump COMPLETE. Dwg.13.970/971	IRON A/S	1	1
ME004-00		GSP / Hull & Fire Pump Gasket - this is the revised Gasket to replace 217472244	Intercon Marine Inc	1	4
ME004-00		Spacer Ring POS 551	Iron Pump A/S	1	2
ME004-00	135870102	Pump Casing		1	1
ME004-00	135930157	Bearing Bushing		1	2
ME004-00	153560120	Nut, Impeller Pos. 922	Iron Pump A/S	2	8
ME004-00	169910114	Wear Plate		1	1
ME004-00	217510640	Shaft Seal Ring Pos. 22-4		1	5
ME004-00	217510640	Shaft Seal Ring Pos. 22-4		1	2
ME004-00	217510740	Shaft Seal Ring		1	2
ME004-00	217510740	Shaft Seal Ring		1	2
ME004-00	217512540	Shaft Seal Ring 35 x 50 x10	Western Equipment Ltd.	1	2
ME004-00	217512740	Shaft Seal Ring, 35 x 58 x 10	Kinecor Inc.	2	7
ME004-00	217513440	Shaft Seal Ring 40x65x10 POS 420-1		1	5
ME004-00	217515040	Shaft Seal Ring 48x72x10 - Pos. 420-2	Austin and Denholm	1	4
ME004-00	217519340	Shaft Seal Ring 48 x 62 x 10	Kinecor	1	3
ME004-00	217626048 (see last Alt)	Mechanical Seal, 35mm Pos 433.2	John Crane	2	7
ME004-00	217626448 (Use last ALT)	Mechanical Seal, 48mm Pos 433.1	Iron Pump	2	11
ME004-00	217632909 SKF# SKF6407/C3	Radial Ball Bearing (Dwg 27604-321.2)	Austin and Denholm Industrial Sa	1	5
ME004-00	217635009 SKF# SKF3309A/C3	Radial Ball Bearing (Dwg 27604-321.1)	Austin and Denholm	1	3
ME004-00	218542640	Thrower, POS 507-2 QHP 2-4/300 FQV0668	Austin and Denholm	1	5
ME004-00	228941440	Shaft Seal Ring 35x65x10	Austin and Denholm	1	4
ME004-00	23947.2-135	Wear Plate		1	1
ME004-00	23947.2-420.7	Shaft Seal Ring (pos 420.7) type 2232		1	2
ME004-00	23947.2-545	Bearing Bushing		1	2
ME004-00	257900418	Impeller, counter clockwise (Dwg: 27604 Pos: 233)	Austin and Denholm	1	1
ME004-00	27.141 400.2 (use 2nd Alternate)	Gasket, Volute Casing	Austin and Denholm	1	5
ME004-00	27.141 400.2 (use 2nd Alternate)	Gasket, Volute Casing	Austin and Denholm	1	3
ME004-00	271510124 (Use first Alt)	Shaft (Dwg: 27604 Pos: 210)	IRON A/S	1	4
ME004-00	27604-412.1	O-ring		1	2
ME004-00	27604-420.5	Shaft Seal Ring 48x62x8	Western Equipment Ltd.	3	12
ME004-00	27604-420.5	Shaft Seal Ring 48x62x8	Western Equipment Ltd.	1	2
ME004-00	27604-502.2 (Use Alt)	Casing Wear Ring POS 502-1		2	7
ME004-00	286050126	Casing Wear Ring POS. 502 (OUTSIDE: USES 2 PER)	Iron Pump A/S	1	5
ME004-00	362-02AA-LSPZ	Crompton Ammeter 0/58 Amps AC Scaled 0/150 Freq 50/60 Hz	Emery Electric Ltd.	1	3
ME004-00	3RH2122 1AK60	Contact relay 2NO 2 NC	E.B. Horsman & Son	1	3
ME004-00	FQV 0111	Hull and Fire Pump		1	1
ME004-00	FQV 0111	Hull and Fire Pump		1	1
MF001-00	10691	1/2" Relief Valve for Calorifier, 1/2" NPT, 25-100 PSI Range	Bay Industrial Instruments, Ltd	1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MF001-00	13864	1-1/4" S Trap 20g Chrome Plated	Canadian Maritime Engineering Ltd. (West)	1	5
MF001-00	36-006-01	Fresh Water Pressure Reducing Valve Repair Kit	Meridian Specialties Inc.	2	7
MF001-00	430	Basket Strainer	Canadian Maritime Engineering Ltd. (West)	1	3
MF001-00	96100	Hot Tap Cartridge	Canadian Maritime Engineering Ltd. (West)	1	5
MF001-00	96101	Cold Tap Cartridge	Canadian Maritime Engineering Ltd. (West)	1	5
MF001-00	9790S1C2P0FMK2	Level Transmitter(Setting +299 to +7856mm H2O)	KDG Mobrey	1	1
MF001-00	ABC123 Piping	Fresh Water Piping Kit	Victoria Shipyards Co. Ltd	1	2
MF001-00	B35-206	Dishwasher Tailpiece	Canadian Maritime Engineering Ltd. (West)	1	3
MF001-00	CR14X C	Straight Chrome Multi-Turn Valve, 1/2" Nom. Comp x 3/8" O.D. Comp	Canadian Maritime Engineering Ltd. (West)	1	4
MF001-00	MLB112AF	Braided Faucet Connector 3/8" Comp. X 1/2" FIP X 12" Long	Canadian Maritime Engineering Lt	3	11
MF001-00	PW-87	1 1/2" Ball Valve	Victoria Shipyards Co. Ltd	1	2
MF001-00	RVX0050PAK	1/2 " Hayward Seal Kit PRV	Pacific Controls Ltd	2	7
MF001-00	RVX105023	Hayward Piston PRV	Pacific Controls Ltd	2	8
MF001-00	SS-8-RSE-4	Swagelok Fitting 1/4 Male x 1/2 Female Elbow	Halifax Shipyard Ltd.	2	7
MF001-00	W-KIT-40-02	Fresh Water Pressure Relief Valve Repair Kit	Bay Industrial Instruments, Ltd	2	7
MF002-00		3/4" Female Camlock to Female 1/2" NPT	Canadian Maritime Engineering Ltd. (West)	3	11
MF002-00	1/2" Jaco	Compression Fitting	Jaco	3	10
MF002-00	1/4" Jaco	Compression Fitting	Jaco	2	10
MF002-00	1/4" Jaco	Compression Fitting	Jaco	1	3
MF002-00	1000-4FF	Winter's Vacuum Gauge 4", 30" Hg/0 KPA	WINTERS THERMOGAUGES LIMITED	1	2
MF002-00	1001019	1/4" Ball Valve, PPL For Permeate Sample		1	4
MF002-00	1006635	Tee, SW,0.5", PVC, Sch 80 (Item 46, Dwg: SCW330C-G012, Spool 10)	ZENON ENVIRONMENTAL SYSTEMS INC.	1	3
MF002-00	1017544	FLUID FLOW SWITCH, model Q-1/2/F p/n Q-1/2/F/DRY/VTN FSL-14	Harwil	1	5
MF002-00	1017544	FLUID FLOW SWITCH, model Q-1/2/F p/n Q-1/2/F/DRY/VTN FSL-14	Harwil	1	3
MF002-00	1022797 - V3	3/4" 3 Way 1000 psi Divert Valve, SVF 316 SS, L Port		2	8
MF002-00	1023104	Cylinder Liner Tool for C32 Plunger pump	ZENON Environmental Systems Inc.	1	3
MF002-00	1023415	Check Valve 1/2"	ZENON ENVIRONMENTAL SYSTEMS INC.	1	2
MF002-00	1023419	Strainer, 200 Mesh, 80 Micron	ZENON ENVIRONMENTAL SYSTEMS INC.	3	14
MF002-00	10250T-181NC1N	Light Module with Lens, Cutler Hammer Cnsists of 1 #10250T181N (Transformer) 1 #10250TC6N (Lens)		1	3
MF002-00	10250T-181NC6N	Light Module with White Lens, consists of 1 #10250T181N (Transformer) 1 #10250TC6N (Lens)	Cutler Hammer	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MF002-00	10250T3067-11	Maintain Type 4-Way Selector Switch, Cutlr Hammr Consists of 1 10250T3067-11 (4Way Cam) & 2 1025		1	2
MF002-00	10250T5971FG-1	Illuminated Green 2-Way Selector Switch, Cutler Hammer, 120V 50/60HZ consists of 1 10250T5971 (Op) 1 10250TFG(Knob)	WESCO Distribution - Canada Inc	2	8
MF002-00	10250T5971FG-1	Illuminated Green 2-Way Selector Switch, Cutler Hammer, 120V 50/60HZ consists of 1 10250T5971 (Op) 1 10250TFG(Knob)	WESCO Distribution - Canada Inc	1	2
MF002-00	10250TFG	Green Plastic Knob for Code 0075	Wesco Distribution Canada LP	4	17
MF002-00	10250TFG	Green Plastic Knob for Code 0075	Wesco Distribution Canada LP	2	7
MF002-00	10250TFG	Green Plastic Knob for Code 0075	Wesco Distribution Canada LP	1	4
MF002-00	177-R3A-K1-C	"C" Range Spring for Relief Valve 1000PSI (Part # 0039)	ZENON Environmental Systems Inc.	3	13
MF002-00	177-R3A-K1-C	"C" Range Spring for Relief Valve 1000PSI (Part # 0039)	ZENON Environmental Systems Inc.	3	12
MF002-00	1-930.0200	1/2" Astore 3 way PVC Full Bore Ball Valve - V1-V2 New Style	ERIKS Industrial Services LP	2	7
MF002-00	1-930.0250	3/4" Astore 3 way PVC Full Bore Ball Valve - V1-V2 New Style	ERIKS Industrial Services LP	2	11
MF002-00	194D	Brass Adapter 3/4" garden hose female swivel x 1/2" NPT	Canadian Maritime Engineering Ltd. (West)	1	4
MF002-00	194D	Brass Adapter 3/4" garden hose female swivel x 1/2" NPT	Canadian Maritime Engineering Ltd. (West)	1	4
MF002-00	23A005ES	1/2" PVC EPDM TYPE 23 T/U Ball Valve	GE Water & Process Technologies	1	5
MF002-00	23A007ES	3/4" PVC EPDM TYPE 23 T/U Ball Valve	GE Water & Process Technologies	1	5
MF002-00	24-011	Differential Pressure Switch set @ 8psi		1	2
MF002-00	30025-B15	BI-Metallic Thermometer		2	8
MF002-00	30025-B15	BI-Metallic Thermometer		1	2
MF002-00	306 683F	Repair Kit for 1/2" 3-Way Brass Solenoid Ball Valve (PC: 0042 & 0275)	ASCO Valve Canada	2	10
MF002-00	306 683F	Repair Kit for 1/2" 3-Way Brass Solenoid Ball Valve (PC: 0042 & 0275)	ASCO Valve Canada	1	2
MF002-00	3079753	Permeate Port SS W/Orings for U4S p/n 3079753 (316 Stainless Steel)	GE Water & Process Technologies	3	15
MF002-00	3140-005-S1	Heater Housing	A. G. White Technical Services	1	1
MF002-00	327009A	FEMALE CAMLOCK TO MNPT 3/4"	GE Power Systems	2	9
MF002-00	328220A	Adapter, Male Camlock to Male Hosebarb, 3/4"		2	7
MF002-00	339030	3/4" 3 Way PVC Ball Valve, S/W Through Port - OLD STYLE		1	3
MF002-00	339051	O-Ring for 1/2" 3 way PVC ball valve (PC 0041)	ZENON Environmental Systems Inc.	5	20
MF002-00	376463A	Kit, Screen Support set 3/4" strainer	GE Water & Process Technologies	1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MF002-00	404001-3	Bearing Plate, (Item 2, dwg 504002)	ZENON Environmental Systems Inc.	4	16
MF002-00	404002-01 (Use Alt P/N)	Sealing Plate, PVC Thermoplastic (item 3, dwg #504002)	ZENON Environmental Systems Inc.	2	10
MF002-00	404002-01 (Use Alt P/N)	Sealing Plate, PVC Thermoplastic (item 3, dwg #504002)	ZENON Environmental Systems Inc.	1	2
MF002-00	404003-2	3/4" Pipe (feed/concentrate port, item 4, dwg #504002)	ZENON Environmental Systems Inc.	2	8
MF002-00	404007-1	Plate Retainer Set (item 10, dwg #504002)	ZENON Environmental Systems Inc.	1	3
MF002-00	404008-1	Port Retainer Set (item 6, dwg #504002)	ZENON Environmental Systems Inc.	4	18
MF002-00	404008-1	Port Retainer Set (item 6, dwg #504002)	ZENON Environmental Systems Inc.	1	3
MF002-00	50112	Sealing Plate PVC	ZENON Environmental Systems Inc.	2	7
MF002-00	50114/484301	Permeate Port, PVC 0.50" - 14npt (Dwg Appendix C-19 Item 5)	ZENON Environmental Systems Inc.	5	20
MF002-00	50137G Use second ALT	Membrane Feed Adapter (Dwg Appendix C-19 Item 14)	ZENON ENVIRONMENTAL SYSTEMS INC.	15	56
MF002-00	50284	O-Ring, Permeate Port, (Item 15 Dwg 504002 AppC-13)	ZENON Environmental Systems Inc.	20	60
MF002-00	50284	O-Ring, Permeate Port, (Item 15 Dwg 504002 AppC-13)	ZENON Environmental Systems Inc.	4	17
MF002-00	50288	O-Ring (Item 9 Dwg 504002 AppC-13)	ZENON Environmental Systems Inc.	20	88
MF002-00	50288	O-Ring (Item 9 Dwg 504002 AppC-13)	ZENON Environmental Systems Inc.	3	10
MF002-00	50295	O-ring (Item 8 Dwg 504002 AppC-13)	ZENON ENVIRONMENTAL SYSTEMS INC.	3	14
MF002-00	511078	Plug, Camlock, 3/4"	GE Water & Process Technologies	3	10
MF002-00	6214 41/4 0-2000	Pressure Gauge 0-2000 PSI	ZENON ENVIRONMENTAL SYSTEMS INC.	1	3
MF002-00	6259-218	Micro Switch	ZENON ENVIRONMENTAL SYSTEMS INC.	1	2
MF002-00	6259-233	Micro Switch	ZENON ENVIRONMENTAL SYSTEMS INC.	1	3
MF002-00	6CR001-87	Retaining Ring Ph 15-7 Mo SST (Dwg Appendix C-19 Item 7)	ZENON ENVIRONMENTAL SYSTEMS INC.	10	34
MF002-00	6ES5-452-8MR11	Siemens 4 Point Relay Output Module		1	3
MF002-00	755 or 1020050	Lamp 6.3V, 0.15A	SPECTRO	2	8
MF002-00	9875K11	80 micron Clear Strainer Housings (Use on Part Code 9257)	ZENON Environmental Systems Inc.	3	10
MF002-00	992575	Solenoid Coil		1	2
MF002-00	B506-2001	Timer complete with socket & mounting plate for Bromine Recirculator unit	WESCO Distribution - Canada Inc	1	3
MF002-00	BM6033SQ	Buss Fuse Holder (Ref FU-2)		1	2
MF002-00	BU-R3A-K2	Seal Kit for: (V4) Relief Valve, 1000 PSI, Nupro No. SS-4R3A5-BU, L Port, 1/4" MNPT Inlet, 1/4" FNPT Outlet, Buna-N Seals	Nupro (Swagelock)	1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MF002-00	C100 120	Temperature Switch W Well		1	2
MF002-00	CA7-9-10-120-NO	Contacto 120 VAC Coil (Ref M3)		1	2
MF002-00	CAL-Q-FLO 50500L#C11X 100W099 TS 13	High Temperature Switch, 0-160 deg. F Range, C/W 1/2" NPT 304 SS Well	United Electric Controls	1	3
MF002-00	CE 08 (use Alt P/N)	Salinity Ind. 0-1000 ppm #757-II-120 "Myron-L", C/W Resist to Measure NaCl (Sodium Chloride) 3.96 Wx5		1	2
MF002-00	E07-10071 or 635G	Elapsed Hour Meter "Cramer" 635G Series P/N, Round 2.5" 120V/60Hz		1	2
MF002-00	F-50500LN	Flow Meter (Indicator)		1	3
MF002-00	FH3T-46018E2T1A	Screw Plug Heater, 6Kw 480 V/3/60, 3" 150lb Titanium Flnge, 18" Immersion Lngth TI		1	1
MF002-00	FIQ 7 or T-10	Totalizing FlowMeter, Neptune, 5/8" Size, T-10 C/W 1/2 npt Connections (Tail Pieces), Nuts & Washers	McLennan Sales	1	4
MF002-00	FL 10	Flowtube 0.5-5 gpm 1/2 MNPT Cal Q Flow #CF50500L		1	2
MF002-00	FPS-91060020	Rod CIP Tank Pump - Jacuzzi - Cast Housing	TROTAC Marine Ltd	1	2
MF002-00	FTG-PPB50 - Female	Female pipe threaded coupler type D 0.50 (TP3/TP5)	Canadian Maritime Engineering Lt	2	11
MF002-00	GDL 4	Time Delay Fuse 4A, 250V		4	19
MF002-00	J6-356-M201(PSL 05)	Pressure Switch, 0-100psi, 1/4 NPT	United Electric Controls	1	4
MF002-00	J6-356-M201(PSL 05)	Pressure Switch, 0-100psi, 1/4 NPT	United Electric Controls	1	2
MF002-00	JKP8300G068RU	1/2" 3 Way Brass Solenoid Ball Valve, V6, 120V, 60Hz Universal Opening, Buna Seats (same as PC: 0275)	CTH INSTRUMENTS LIMITED	1	5
MF002-00	JP60030-3COR	Buss Fuse Holder (Ref FU-1)		1	2
MF002-00	KLDR or 1003086	FUSE 2.5A, 600V, SB, 10 x 38mm, Fibre tube, class cc		2	10
MF002-00	KT3-25-PE1-10	N.O. Contact		1	3
MF002-00	KTA3-25-4A	CIRCUIT BREAKER		1	2
MF002-00	LA1050STE	1/2" PVC/EPDM Lateral 3-Way Ball Valve SOC/THD Orange Handle	GE Water & Process Technologies	1	5
MF002-00	LA1075STE	3/4" PVC/EPDM Lateral TU 3-Way Ball Valve SOC/THD Orange Handle	GE Water & Process Technologies	1	4
MF002-00	LP-CC-10	Fuse 10A, 600V, SB, 10 x 38mm, fibre tube		15	50
MF002-00	LPI-25SP	Class J Time Delay Fuse		15	50
MF002-00	MDA 1.5	Fuse 1.5A, 250V, SB 1/4" x 1 1/4", ceramic, Dial Element		15	50
MF002-00	MIPT X 3/8	Tube John Guess Fittings	Capital City Water	3	10
MF002-00	OT3-Reset	Overload Reset Kit		1	2
MF002-00	P1004-4FF	Pressure Gauges 0-100 PSI 316SS (PI 01, PI 03)	Meridian Specialties Inc.	1	4
MF002-00	P1010-4FF	Pressure Gauge 0-1500 PSI (PI 04)	ZENON Environmental Systems Inc.	1	4
MF002-00	PFP863	2-1/2" Winters Gauge 1/4" NPT Bottom 30"/0/100psi	Pacific Controls Ltd	1	2
MF002-00	PG-0100	Pressure Gauge 0-100 PSI	Coast Industrial Parts Ltd.	1	5
MF002-00	RK-T6-07-TT	Repair Kit for 3/4" V3 Flow Control Valve	Wolseley Industrial Canada Inc	1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MF002-00	RVX007515B	Spring, Kynar Coated for PC: 0047	Hayward Industrial Products Inc.	3	12
MF002-00	RVX007515B	Spring, Kynar Coated for PC: 0047	Hayward Industrial Products Inc.	1	4
MF002-00	SCV-8303-1(use ALT)	Check Valve, ½" 3600 lb CWP thread 316SS Body/Trim/Seat/Stem, Inconel X-750 Spring V8	Meridian Specialties Inc.	1	3
MF002-00	SCW330C	Spool 10 complete IAW DWG SCW330C-G012	ZENON Environmental Systems Inc.	2	8
MF002-00	SCW330C	Spool 10 complete IAW DWG SCW330C-G012	ZENON Environmental Systems Inc.	1	3
MF002-00	SHCS-A4C.25X.62	1/4 X 5/8 S/S ALLEN SCREW		40	143
MF002-00	Spool 2 / Spool 3	316L SS Fittings Upper Manifold "U" Piece	Caird Mechanical Contractors Ltd	1	4
MF002-00	SS S107	ROD Directional Control Valve (V3) Stainless Steel Balls		1	3
MF002-00	SS-1610-1-8	Stainless Steel Male 1/2" NPT x 1" Compression Connector	Green Line Hose & Fittings Ltd.	2	7
MF002-00	SS-1RF4	Reg Valve		1	2
MF002-00	SS-1RF4 (V7)	Regulating Valve "Whitey" Integral Bonnet Needle Valve C/W SS Regulating Stem, 0.25" Orifice	Swagelok	1	3
MF002-00	SS-1RF4 (V7)	Regulating Valve "Whitey" Integral Bonnet Needle Valve C/W SS Regulating Stem, 0.25" Orifice	Swagelok	1	3
MF002-00	SS-42XS4	3 Way Valve		1	2
MF002-00	SS-4C4-1 V20	1/4" Check Valve, Sst, 0.25 FNPT Connections, 1 P.S.I. Cracking Pressure (Vv 20)		1	5
MF002-00	SS-4C4-1 V20	1/4" Check Valve, Sst, 0.25 FNPT Connections, 1 P.S.I. Cracking Pressure (Vv 20)		1	3
MF002-00	SS-4R3A5	Relief Valve - Swagelok		1	4
MF002-00	SS-63TF8 V19	½" Ball Valve, 2 Way, £ PC Sst, FNPT Connections		2	10
MF002-00	T-235-3/4	3/4" Globe Valve CL150 BB Rsing Stem FNPT Ends - Nibco	Wolseley Industrial Canada Inc	1	4
MF002-00	T700-6666-TT-SE-S1-07	3/4" 3-WAY BALL VALVE, FNPT ENDS, 316SS, BALL & STEM, 90 DEG BALL, SVF	Wolseley Industrial Canada Inc	1	4
MF002-00	TI 11, TI 12 (Use Alt P/N)	Temperature gauge, -40 TO 160 deg. F, 1/2" 316SS MNPT Conn.		1	2
MF002-00	V11 or 1335114	½" PVC Y Check Valve, Soc Weld #	Canadian Maritime Engineering Ltd. (West)	2	10
MF002-00	V12 or 7435894004 44535	3/4" NPT, Pressure Relief Valve, PVC "Hayward" C/W Viton O-Ring		2	8
MF002-00	V4 or 3140163 or 1001009	Relief Valve 1000 psi, L Port 1/4"MNPT Inlet, 1/4"FNPT Outlet	Swagelok	1	3
MF002-00	V9, V10 or 7435894004-44534	½" NPT, Pressure Relief Valve, PVC "Hayward" C/W Viton O-Ring	Zenon (hayward) use Alt P/N	1	2
MF002-00	Viton	1" Viton O-Ring. (for Spool 10 ROD system)	Canadian Maritime Engineering Ltd. (West)	2	9
MF002-00	WHITEY SS-42XS4 V13	1/4" 3 Way Valve, C/W Swagelok Connections		2	9
MF002-00	YC 10050T	1/2" Thrd'd PCV Check Valve	GE Water & Process Technologies	1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MF002-00	YS007-2A24	Strainer, 3/4" Feed Inlet, Type Y (24 Mesh 840 Micron)	Chemline	4	17
MF002-00	YS-007-2A24, PVC, 24	Chemline 3/4" 24 Mesh Screen (Screen for item 0266)	Chemline Plastics Limited	5	20
MF002-00	YS007-3E	Screen Support Part #5 CAP O-RING for Strainer, 3/4" Feed Inlet, Type Y (24 Mesh 840 Micron)	GE Water & Process Technologies	2	9
MF002-00	YS007-3E	Screen Support Part #6 SPLIT RING for Strainer, 3/4" Feed Inlet, Type Y (24 Mesh 840 Micron)	GE Water & Process Technologies	2	8
MF002-00	YS007-3E	Screen Support Part #4 SCREEN RETAINER for Strainer, 3/4" Feed Inlet, Type Y (24 Mesh 840 Micron)	GE Water & Process Technologies	2	7
MF002-00	YS007-3E	Screen Support Part #4 SCREEN RETAINER for Strainer, 3/4" Feed Inlet, Type Y (24 Mesh 840 Micron)	GE Water & Process Technologies	1	3
MF002-00	YS007-3E	Screen Support Part #3 CAP/FILTER CAGE for Strainer, 3/4" Feed Inlet, Type Y (24 Mesh 840 Micron)	Van Isle Water Services Ltd	1	3
MF002-00	YS007-3E	Screen Support Part #3 CAP/FILTER CAGE for Strainer, 3/4" Feed Inlet, Type Y (24 Mesh 840 Micron)	Van Isle Water Services Ltd	1	2
MF003-00	3000DH(AA05)	Feed Pump ROD Unit, Dwg B-7977 Rev.3(c/w Motor M14C(CAT)145TC)	R.S. Corcoran Co.	1	2
MF003-00	3000DH(AA05)	Feed Pump ROD Unit, Dwg B-7977 Rev.3(c/w Motor M14C(CAT)145TC)	R.S. Corcoran Co.	1	1
MF003-00	STUB SHAFT	STUB SHAFT for ROD Feed Pump (Monel)	Victoria Shipyards Co. Ltd	1	4
MF005-00		Discharge Hose	Caird Mechanical Contractors Ltd	2	7
MF005-00	00036SS-12	Stainless Steel BSP Bonded Seal	Green Line Hose & Fittings Ltd.	2	10
MF005-00	0515SS-12-08	Stainless Steel Female JIC X Male JIC Reducer	Green Line Hose & Fittings Ltd.	3	13
MF005-00	10040-3	Spacer, Cam		2	8
MF005-00	15936SS-12-12	Stainless Steel Male BSPP X Male JIC 90' Fitting	Green Line Hose & Fittings Ltd.	2	10
MF005-00	180B3046	Danfoss Centrifugal Process Pump - NEW STYLE	Wajax Industrial Components	1	1
MF005-00	2166-1-3/8	Strainer, In-Line (Processor Pump Cooling)		3	10
MF005-00	2166-BLW	Clear Bowl Housing (for PC 0045)	ZENON Environmental Systems Inc.	7	28
MF005-00	2167-1	Strainer, Screen		3	11
MF005-00	2170-1 (Use Alt)	Seal Shaft	CHPT Manufacturing Inc.	1	5
MF005-00	36008SS-12-12	Stainless Steel Male BSPP X Female NPT Adapter	Green Line Hose & Fittings Ltd.	2	10
MF005-00	68514411070	Jaw Coupling L/AL090/095 Spider Sox - part of new process pump kit	Wajax Industrial Components	2	11
MF005-00	68514417858	Jaw Coupling AL095X1-1/8 C/W 1/4 x 1/8 KW - part of new process pump kit	Wajax Industrial Components	2	11
MF005-00	68514447014	Jaw Coupling AL095X16MM C/W 5X2.3MM KW - part of new process pump kit	Wajax Industrial Components	2	11

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MF005-00	Custom Hose	Custom Hydraulic Hose 34" Long	Green Line Hose & Fittings Ltd.	2	11
MF005-00	ECP3665T-4	Electric Motor	Troy Electric	1	3
MF005-00	G0816SS-075-050	Stainless Steel Bushing 150LB	Green Line Hose & Fittings Ltd.	2	10
MF005-00	G1616SS-050 X 4	Stainless Steel Pipe Nipple 1/2" X 4"	Green Line Hose & Fittings Ltd.	1	5
MF005-00	G1616SS-050 X 6	Stainless Steel Pipe Nipple 1/2" x 6"	Green Line Hose & Fittings Ltd.	2	10
MF005-00	G1698SS-075-075	150 S/S 90 Pipe Street Elbow	Green Line Hose & Fittings Ltd.	2	8
MF005-00	HSLC12NR-F51	S/S Fitting G3/4 Male BSPT X 3/4 FNPT 90 Degree 2205 Duplex SST	Wajax Industrial Components	4	16
MF005-00	M182472A	Coupling 182 Mount SAE-A 2(4) Bolt x 4.75 - Hyd. Specific - part of new process pump kit	Wajax Industrial Components	2	10
MF005-00	O-KIT	"O" Ring Kit	CHPT Manufacturing Inc.	1	4
MF005-00	SCF-61	Spears 1/2" Female Adapter, S/S Band, SCH80, D2467, 3RY2A3	Canadian Maritime Engineering Lt	5	20
MF005-00	Y2 MIPT	Discharge Hose Adapter	Caird Mechanical Contractors Ltd	2	9
MF006-00	750010	"U" Cup Brine Seal for Membrane SW30-4040	Van Isle Water Services Ltd	4	18
MF006-00	QMC 5U20"-PSILUC	Pre-Filter Element (5 Micron 20") ROD	Petro Engineered Products Ltd.	15	52
MF006-00	SW30-4040	SW Membrane Elements		1	3
MF008-00	AP117SL	Carbon Water Filter Cartridge for Water fountain	Van Isle Water Services Ltd	2	10
MF008-00	STE/FSS34-316	Water Fountain Filter Housing 304SS 10" x 3/4" 300PSI	Van Isle Water Services Ltd	2	11
MF009-00	004495 74	Control Valve (big)		1	2
MF009-00	4410-08	Backwash Control		1	2
MF009-00	4454-14	Hi-Flo Filter Timer Mechanism And Case		1	2
MF009-00	Anode	Magnesium Service Anode 1.05" x 34.5" c/w 5/8" exposed core both ends	Plad Equipment Ltd.	2	8
MF009-00	CXF606F4	Heating Element	PLAD EQUIPMENT LTD.	1	1
MF009-00	HC2HAC120	Control relay		1	2
MF009-00	KTK-20	Fuse 20A, 600V, Fast-Acting, Midget	BUSS	2	10
MF009-00	LFKIT-B-RK	Repair Kit for Watts LFU5B-Z3 Reducing Valve	Wolseley Industrial Canada Inc	1	3
MF009-00	LFU5B-Z3	3/4" Water Pressure Reducing Valve - Thd - 50psi	Wolseley Industrial Canada Inc	1	3
MF009-00	PA10A	Pressure Switch	Pacific Controls Ltd	1	5
MF009-00	PG10A	Pressure switch	JHT ELECTRONICS	2	7
MF009-00	PG10A	Pressure switch	JHT ELECTRONICS	1	2
MF009-00	PMH-10M-AC120	Timer On Relay		1	2
MF009-00	PXZ5-RAY1-5V	Thermocoupler, Temperature Controller		1	3
MF009-00	RE10A11	Transducer Only	Pacific Controls Ltd	1	4
MF009-00	S-235-Y	1" Bronze Globe Valve		2	10
MF010-00	B506-2001(provide relay# PBT03172)	Duel Set Point Timer	WESCO Distribution - Canada Inc	1	5
MF010-01	GS8104320	1" Mechanical Seal Kit	Victoria Shipyards Co. Ltd	1	2
MF010-01	HAD/2105669	Chlorine Tablet 10mil pk 100	Van Isle Water Services Ltd	1	3
MF010-02		3/4" Bronze Body Gate Valve 400 psi silver brazed union ends	Wolseley Industrial Canada Inc	1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MF011-00		1 1/4" Swing Check Valve, 150#, 316SS, 4 1/2" F-F	Wolsely Ind. (Meridian)	1	5
MF011-00	385496	Backflow Preventer Test Kit		1	1
MF011-00	5044-G	F.W. Pump Console Pressure Gauge 0-100 psi	WINTERS THERMOGAUGES LIMITED	1	2
MF011-00	75-BF-S	Turbine Pump (F.W. Pressure Set) Pump only	PLAD EQUIPMENT LTD.	1	1
MF011-00	99772715	Hour Meter, Crouzet, (FW Sensor)	WESCO Distribution - Canada Inc	1	2
MF011-00	A114	Back Bearing (SKF 6300-2RS1)		2	10
MF011-00	A115	O Ring		10	40
MF011-00	A115	O Ring		2	10
MF011-00	A167	Mechanical Seal		1	4
MF011-00	A186	Impeller	PLAD EQUIPMENT LTD.	1	2
MF011-00	A-198B	Channel Ring		1	3
MF011-00	A199B	Channel Ring		1	3
MF011-00	MDL-2	Fuse 2A, 250V, SB, 1/4 x 1 1/4", glass tube		15	57
MF012-00	0371271	1/2" 530C Pressure Relief Valve	Watts Regulator	1	4
MF012-00	0371271	1/2" 530C Pressure Relief Valve	Watts Regulator	1	2
MF012-00	0372273	3/4" Watts Pressure Relief Valve - Lead 530-C series 100-300	Plad Equipment Ltd.	1	2
MF012-00	1XL-4CAN	1/2" Temp. & Pressure Relief Valve, Watts #150210	Wolseley Industrial Canada Inc	2	8
MF012-00	LF1L-2CAN	1/2" Temp. & Pressure Relief Valve, Watts #150210	Wolseley Industrial Canada Inc	2	8
MF012-00	MF-012-00	16" Calorifier Manway, c/w Bracket/Viton Gasket/Bolts	GEO Tech industries Inc.	1	4
MF012-00	MWG-1000	Manway Gasket	GEO Tech industries Inc.	2	10
MF910-00	10123	Strainer		2	9
MF910-00	10166	O-Ring	Culligan Water Conditioning	1	3
MF910-00	10299	Coupling Nut		2	9
MF910-00	10322	Weight, Ceramic		1	4
MF910-00	10338	Ball, Ceramic		5	20
MF910-00	10338	Ball, Ceramic		1	5
MF910-00	10338	Ball, Ceramic		1	2
MF910-00	10339	Spring		1	2
MF910-00	10626	Varistor	Culligan Water Conditioning	1	3
MF910-00	10973	Seal	Culligan Water Conditioning	1	2
MF910-00	10978	Foot Valve Seat		2	9
MF910-00	1392SI	Liquid Handling Assy	Culligan Water Conditioning	1	3
MF910-00	19073	Seal (LMI Pump)	LMI Liquid Metronics Division MI	1	2
MF910-00	27048	Valve ASM, AS/PR PVDF (Anti Siphon Valve)	LMI Liquid Metronics Division MI	1	3
MF910-00	27352	Flapper Valve		2	8
MF910-00	29443	Seal Ring, Polyprel	Filtrex	15	50
MF910-00	29443	Seal Ring, Polyprel	Filtrex	3	12
MF910-00	29443	Seal Ring, Polyprel	Filtrex	1	5
MF910-00	30100	EPU, 3.0 134 ohms	Culligan Water Conditioning	1	3
MF910-00	3084-29	Seat Gasket	Culligan Water Conditioning	1	3
MF910-00	30917	Liquifram 0.9		1	5

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MF910-00	31919	EPU w/Stroke Adj.& Disk 115V	Culligan Water Conditioning	1	3
MF910-00	37341	Spring		2	7
MF910-00	37393	Kit, Primer Flush	Culligan Water Conditioning	1	3
MF910-00	7729-40	Cartridge Assy	Culligan Water Conditioning	1	4
MF910-00	AA781-398SI	Injection Pump (LMI)	LMI Liquid Metronics Division MI	1	3
MF910-00	AA781-398SI	Injection Pump (LMI)	LMI Liquid Metronics Division MI	1	3
MF910-00	AA781-398SI	Injection Pump (LMI)	LMI Liquid Metronics Division MI	1	2
MF910-00	CA-9-120	Magnetic Contactor	JHT ELECTRONICS	1	3
MF910-00	CMR3-1-127	Remote Reset	JHT ELECTRONICS	1	2
MF910-00	CT3-4.0	Overload Relay	JHT ELECTRONICS	1	2
MF910-00	MY2-AC120	Control Relay	JHT ELECTRONICS	1	2
MF910-00	WC18750	Hyper-Chlorinator Solution Tank	Filtrex	1	5
MF910-00	WC18750	Hyper-Chlorinator Solution Tank	Filtrex	1	3
MG001-00		2" Angle Valve, 150 psi, Flanged, Stockham	Halifax Shipyard Ltd.	1	2
MG001-00	29270-0000 (ITT Jabsco)	Manual Bilge Pump (Amazon Universal)	TROTAC Marine Ltd	2	7
MG001-00	407	3" Swing Check Valve, 150psi, flanged, S/S 316 trim bolted cover	Montreal Valve Reseating Ltd.	1	2
MG001-00	407	3" Swing Check Valve, 150psi, flanged, S/S 316 trim bolted cover	Montreal Valve Reseating Ltd.	1	1
MG002-00	42619064	Mechanical Seal 45mm (Item 21 Hamworthy Pub PCH 1417)	HAMWORTHY CANADA LIMITED	1	5
MG003-00	7000163412	Black Water Educator - Penberthy	Caird Mechanical Contractors Ltd	1	2
MG003-00	PFQ711	Winters gauge 4" - 0-100psi liquid filled 1/4" NPT BTM	Wolseley Industrial Canada Inc	1	3
MG003-00	PPC5044-GW	Winters Liquid Filled Gauge 4-1/2" Dial 0-100 psi 1/4" NPT ST/ST	Wolseley Industrial Canada Inc	1	2
MG003-00	RC601NN-0150	Neoprene Expansion/Isolator Joint 1-1/2" X 6" F-F	Caird Mechanical Contractors Ltd	1	3
MG003-00	Winters Code 5085-G	Gauge 0-160 PSI	Halifax Dartmouth Industries Ltd	1	4
MH001-00		2" Swing Check Valves, Bronze w/ SS Trim, 300lbs, 10.5" F to F	Wolseley Industrial Canada Inc	1	1
MH001-00		COMPLETE TOILET REPAIR KIT - diaphragm, solenoids, lifting eyes, seal	Caird Mechanical Contractors Ltd	1	2
MH001-00		Toilet Seat Hinge Assembly NEW STYLE	Caird Mechanical Contractors Ltd	1	2
MH001-00	034509620	Hose complete with Ball Valve 455MM	JETVAC INC.	1	3
MH001-00	051507700	EFD Valve 115V Complete	JETVAC INC.	1	2
MH001-00	0887005	RK 009 CK1 3/4-1 Backflow Preventer Repair Kit Part Three	JETVAC INC.	1	5
MH001-00	0887005	RK 009 CK1 3/4-1 Backflow Preventer Repair Kit Part Three	JETVAC INC.	1	4
MH001-00	0887007	RK 009 CK2 3/4-1 Backflow Preventer Repair Kit Part Two	JETVAC INC.	1	5
MH001-00	0887007	RK 009 CK2 3/4-1 Backflow Preventer Repair Kit Part Two	JETVAC INC.	1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MH001-00	0887181	RK 009 RV 3/4-1 relief Valve Repair Kit (Backflow Preventer Part One)	Waats Regulators	1	5
MH001-00	0887181	RK 009 RV 3/4-1 relief Valve Repair Kit (Backflow Preventer Part One)	Waats Regulators	1	4
MH001-00	100-84-5026	Female Power Connection	JETVAC INC.	4	18
MH001-00	12844	Sensor Probe for UV Unit		1	1
MH001-00	140-140-2015	Pilot Light Bulb		3	13
MH001-00	140-40.2016	Pilot Light		1	2
MH001-00	140-40-2002	Fuse 30A, 600V, QB, 21 x 57mm, Fiberglass Body		2	7
MH001-00	140-40-2002	Fuse 30A, 600V, QB, 21 x 57mm, Fiberglass Body		4	18
MH001-00	140-40-2015	130V 2.4W BA9S		1	2
MH001-00	3101	Ballast		1	2
MH001-00	3105	Compression Nut Tool		1	5
MH001-00	3348	Fuse 8A, 250V, QB, 1/4 x 1 1/4", ceramic		10	32
MH001-00	400-60-002A	Check Valve (PC 0059) O-Ring Set (2 large/1 small)	JETVAC INC.	3	12
MH001-00	470-20-E	Wafer check valve - 2 inch	Jetvac Inc.	2	9
MH001-00	5012	Shut Off Diaphragm w/o-rings	Caird Mechanical Contractors Ltd	1	4
MH001-00	5012	Shut Off Diaphragm w/o-rings	Caird Mechanical Contractors Ltd	1	3
MH001-00	5017	Non-Return Valve		5	20
MH001-00	5064	Backflow Preventer Valve		1	4
MH001-00	5072	Vacuum Breaker Complete		1	5
MH001-00	5121	Fuse 400mA Anti Surge, 250V, 5x20mm		20	70
MH001-00	5123	Filter, Water Supply		5	23
MH001-00	5147	Flush Release Switch	JETVAC INC.	3	12
MH001-00	57056-000	Eductor ELL I.5 (Nozzle)		1	4
MH001-00	591-703-015	Relief Valve		1	2
MH001-00	6006	Toilet Seat & Cover Dania 73 c/w Hardware	JETVAC INC.	3	10
MH001-00	6020 p/n J50MEFD 115V	TOILET	Caird Mechanical Contractors Ltd	1	3
MH001-00	6044 J50M-FDVPC-Vvac	Complete Toilet	Caird Mechanical Contractors Ltd	1	1
MH001-00	6044 J50M-FDVPC-Vvac	Complete Toilet	Caird Mechanical Contractors Ltd	1	1
MH001-00	624139	IDEC PF3S-CP11	WESCO Distribution - Canada Inc	1	4
MH001-00	62413910178	Memory Pack, IDEC	WESCO Distribution - Canada Inc	1	4
MH001-00	91-801-329 (use Alt)	Float Switch 316SS	Jetvac Inc.	1	2
MH001-00	91-801-329 (use Alt)	Float Switch 316SS	Jetvac Inc.	1	2
MH001-00	A7222	Toilet Seat Hinge Assembly OLD STYLE		1	3
MH001-00	DN50	2" Gate Valve NRS 7" F to F ANSI #150, Bronze Body & Trim, Bolted Bonnet	Meridian Specialties Inc.	1	2
MH001-00	F-F17800M3DA	Air Filter Housing, 1" NPT, 40MMBMD	Van Isle Water Services Ltd	1	2
MH001-00	FU4 & FU5	Fuse 5A, 250V, SB, 1/4 x 1 1/4", glass tube		4	17
MH001-00	FUSE (FU-1 THRU FU-3)	Fuse 2A, 250V, SB, 1/4 x 1 1/4", glass tube		4	19
MH001-00	MODEL 288	Chart Paper		3	11

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MH001-00	RT121	Vacuum Switch, pressure control, range -1...0 bar, Diff 0.09...0.4bar,		1	2
MH001-00	SP122	160V Bulb	Albrite Lighting Ltd	10	30
MH001-00	SP122	160V Bulb	Albrite Lighting Ltd	2	10
MH001-00	T413B	Check Valve		2	9
MH001-00	V5MAL#6	Fuse 10A, 32V, Slo Blo, 1/4 x 1 1/4"		10	32
MH001-00	V5MAL#7	Fuse 5A, 250V, SB, 1/4 x 1 1/4", Glass Fuse		5	20
MH001-00	V5MAL#8 (GDL 2)	Fuse 2A, 250V, Slo Blo, 1/4 x 1 1/4",		7	25
MH002-00	400-10-29000	Eductor/Discharge PUMP COMPLETE, MP120 CAST IRON W/BRNZ IMP 5HP,180TC, RIGHT SIDE POSITION F2	JETVAC INC.	1	2
MH002-00	Model # 28350	Eductor/Discharge PUMP COMPLETE from Jetvac - MP120, Motor ATB A 100L/ZA-11- LEFT SIDE POSITION F1		1	2
MH003-00		Basket for 3" Simplex Strainer	JETVAC INC.	1	2
MH003-00	NLYSTRAINER	3" Simplex Strainer Valve, NB, 150psi, ASTM-A216	Meridian Specialties Inc.	1	1
MH003-00	NLYSTRAINER	3" Simplex Strainer Valve, NB, 150psi, ASTM-A216	Meridian Specialties Inc.	1	1
MH003-01		Dodge Coupling for Air Blower	JETVAC INC.	1	5
MH003-01	20 DP	Blower Filter	Royal Fluid Power	2	8
MH003-01	20 DP	Blower Filter	Royal Fluid Power	1	5
MH003-01	32 URAI	System Air Blower		1	2
MH003-01	551115AA	Blower Motor URB 1.5	Caird Mechanical Contractors Ltd	1	3
MH003-01	R17-800-RGLA	Norgren Air Regulator	TROTAC Marine Ltd	1	4
MH003-01	RT/65-1050RK3U/RA1	Blower Seal Kit	JETVAC INC.	1	2
MH003-02	4-47030	3" Cap - Schedule 40	Van Isle Water Services Ltd	3	10
MH003-02	A200	Tablet Chlorinator Assembly		1	2
MH003-02	PVC-CL403	3" PVC Pipe - Clear Schedule 40 - Cut to Length	Van Isle Water Services Ltd	5	20
MH003-03	3084LM	UV Lamp Aquafine 30" UV 254 NM Single Pin		2	8
MH003-03	3084LM	UV Lamp Aquafine 30" UV 254 NM Single Pin		1	3
MH003-03	3901	Exhaust fan (Exhaust & Intake)		1	2
MH003-03	43493-1	Sterilizer temperature sensor kits	None	2	10
MH003-05	082681G-L	Macerator Pump and Motor LH	Prosser/Enpo	1	4
MH003-05	082681G-R	Macerator Pump and Motor RH	JETVAC INC.	1	3
MH004-00	22361	Seal Assembly		2	8
MH004-00	22361	Seal Assembly		1	2
MH004-00	Basket	Basket for 2-1/2" Housing	Caird Mechanical Contractors Ltd	1	5
MH005-00	3" NORMA	3" Norma Coupling (for 3 1/2" Pipe)	Canadian Maritime Engineering Ltd. (West)	1	5
MH005-00	GW-48	Grey Water Quick Closing Valve, B62, 2-1/2', 150psi, 7-1/2" F to F	Canadian Maritime Engineering Ltd. (West)	1	1
MH005-00	Item.23 568-353	O-ring	AWC Process Solutions Ltd.	2	11
MH005-00	Item.23 568-353	O-ring	AWC Process Solutions Ltd.	2	8

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MH005-00	Item.24	Mechanical Seal - 14014, Ceramic/Buna 5/8"		2	10
MH005-00	Item.29 A114	Back Bearing, Series A	Austin and Denholm	2	9
MH005-00	Item.37	Impeller		1	1
MH005-00	Item.6 3/8 Series A	Locknut	Austin and Denholm	3	12
MH005-00	Item.9 (use 3rd Alt P/N)	Front Bearing		2	11
MH005-00	SK160	Boot Kit for F93 Mobrey Float Switch	Mobrey	2	8
MH005-01		Scupper, Flat	Canadian Maritime Engineering Ltd. (West)	1	3
MH006-00		Pump Strainer Basket		1	5
MH006-00	004210 DOD	D-FLEX 4JE Sleeve - 4JE MAS Rigid Coupling	Wajax Industrial Components	1	2
MH006-00	4J15MM TBW	SF Flange 4J X 15MM	Wajax Industrial Components	1	2
MH006-00	4J78 TBW	SF Flange 4J X 7/8	Wajax Industrial Components	1	2
MH006-00	4JEB TBW	SF Sleeve 4JE	Wajax Industrial Components	1	3
MH006-00	Item 8	Woodruff Key		2	8
MH006-00	MCL20 (Edision)	Fuse 20A, 600V, Fast-Acting, Midget		10	40
MH007-00		Feeder Tube Cap	Exceltec International Corp	1	2
MH007-00		Feeder Tube	Severn Trent Services	1	5
MH008-00	0020	1600 Cube (bin)	Hermont Marine Inc.	1	2
MH008-00	A 3131-7	Capacitor, MEPCO/ELECTRA, 110 VAC	Canadian Maritime Engineering Ltd. (West)	1	2
MH008-00	EH 8A	On/Off Key Switch		1	5
MH008-00	SV1-10-4-0-115AP	Solenoid	Pacific Controls Ltd	1	5
MK002-00	2372731	Thermostat	Finning Power Systems	1	3
MK002-00	Job 1	Parts Kit for UD19 Aux Job #1	Finning Power Systems	1	5
MK002-00	Job 2	Parts Kit for UD19 Aux - Job #2	Finning Power Systems	1	5
MK002-00	Job 3	Spares Kit for Job #3, Aux UD19	WARTSILA SACM DIESEL	1	4
MK002-00	Job 5	Parts Kit for UD19 Aux Job #5	Finning Power Systems	1	2
MK002-00	Job 6	Parts Kit for UD19 Aux Job #6	Finning Power Systems	1	4
MK002-00	Job 7	Parts Kit for UD19 Aux Job #7	Finning Power Systems	1	1
MK002-01	1 100 675-6	Bushing	Wartsila SACM Diesel	2	10
MK002-01	1 100 997-4	Exhaust Valve	Wartsila SACM Diesel	1	4
MK002-01	1 102 308-2	Rocker Arm (Exhaust)	Wartsila SACM Diesel	1	3
MK002-01	1 305 959-7	Gasket - Rocker Cover	Wartsila SACM Diesel	3	12
MK002-01	1 305 959-7	Gasket - Rocker Cover	Wartsila SACM Diesel	1	3
MK002-01	1363028	Gasket		1	3
MK002-01	13-716-19	Valve Stem Cap	Wartsila SACM Diesel	2	10
MK002-01	14-086-46	Adjusting Screw	Wartsila SACM Diesel	2	9
MK002-01	17 113-2	Collet	Wartsila SACM Diesel	10	32
MK002-01	170 042-6	Valve Spring (Outer)	Wartsila SACM Diesel	1	5
MK002-01	170 043-4	Valve Spring (Inner)	Wartsila SACM Diesel	1	3
MK002-01	170 043-4	Valve Spring (Inner)	Wartsila SACM Diesel	1	3
MK002-01	170 083-0	Collar	Wartsila SACM Diesel	2	10
MK002-01	250 608-7	Gasket - Rocker Cover	Wartsila SACM Diesel	1	5
MK002-01	289 517-5	Valve Seat Ring STD (Intake)	Wartsila SACM Diesel	1	2
MK002-01	300 957-8	Valve Guide (Intake Valve)	SCANIA	1	2
MK002-01	300 957-8	Valve Guide (Intake Valve)	SCANIA	1	2
MK002-01	352 211-7	Intake Valve	Wartsila SACM Diesel	1	2
MK002-01	372 972-0	Valve Seat Ring STD (Exhaust)	Wartsila SACM Diesel	1	2
MK002-01	383864-6	Oil Cleaner (Aux DA L/O Cyclonic Filter)		3	12

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MK002-01	383864-6	Oil Cleaner (Aux DA L/O Cyclonic Filter)		3	10
MK002-01	383864-6	Oil Cleaner (Aux DA L/O Cyclonic Filter)		1	1
MK002-01	384 433-9	Bearing Bracket (Intake)	Wartsila SACM Diesel	1	2
MK002-01	384 434-7	Support Bracket (Exhaust)	Wartsila SACM Diesel	1	2
MK002-01	807 310-8	Washer	Wartsila SACM Diesel	2	10
MK002-02	1 320 691-7	O-ring	Wartsila SACM Diesel	1	5
MK002-02	1 332 304-3	Gasket	Wartsila SACM Diesel	3	14
MK002-02	1331818	Protection Anode		2	11
MK002-02	1363029	Gasket		1	3
MK002-02	139 616-7	Gasket	Wartsila SACM Diesel	1	2
MK002-02	237 976-6	Gasket	Wartsila SACM Diesel	2	8
MK002-02	239 457-5	Gasket	Wartsila SACM Diesel	1	3
MK002-02	321 991-2	O-ring	Wartsila SACM Diesel	2	9
MK002-02	369 276-1	Gasket	Wartsila SACM Diesel	1	5
MK002-02	369477	Seal		1	4
MK002-02	388 734-6	Gasket	Wartsila SACM Diesel	1	5
MK002-02	812 413-3	Gasket	Wartsila SACM Diesel	2	8
MK002-02	812 414-1	Gasket	Wartsila SACM Diesel	5	22
MK002-02	812 416-6	Gasket	Wartsila SACM Diesel	1	5
MK002-02	812 420-8	Gasket	Wartsila SACM Diesel	2	8
MK002-02	812415	Gasket		1	3
MK002-03	1 101 755-5	Ring	Wartsila SACM Diesel	3	13
MK002-03	1 113 040-8	Cylinder Liner	Wartsila SACM Diesel	1	3
MK002-03	1 113 040-8	Cylinder Liner	Wartsila SACM Diesel	1	2
MK002-03	1 302 828-7	Seal - Cylinder Liner	Wartsila SACM Diesel	1	5
MK002-03	1 309 613-6	Plastic Cover		2	7
MK002-03	1 312 934-1	O-ring	Wartsila SACM Diesel	2	10
MK002-03	1 312 934-1	O-ring	Wartsila SACM Diesel	1	3
MK002-03	1 328 242-1	O-ring		2	8
MK002-03	1 328 242-1	O-ring		2	7
MK002-03	1 336 608-3	Valve - Crank Case Breather		1	3
MK002-03	1 338 860-8	Gasket	Wartsila SACM Diesel	1	2
MK002-03	165 286-6	Gasket	Wartsila SACM Diesel	7	24
MK002-03	170 243	Piston Pin	Wartsila SACM Diesel	1	2
MK002-03	170 582-1	Bushing	Wartsila SACM Diesel	1	2
MK002-03	170 694-4	Gasket	Wartsila SACM Diesel	1	3
MK002-03	170 696-9	Gasket	Wartsila SACM Diesel	1	3
MK002-03	170 809-8	Gasket	Wartsila SACM Diesel	1	4
MK002-03	170 810-6	Gasket	Wartsila SACM Diesel	1	3
MK002-03	170 916-1	Gasket	Wartsila SACM Diesel	1	2
MK002-03	241 057-9	Gasket	Wartsila SACM Diesel	2	8
MK002-03	255 573-8	Guide Washer STD 3.429mm	Wartsila SACM Diesel	1	5
MK002-03	255 573-8	Guide Washer STD 3.429mm	Wartsila SACM Diesel	1	5
MK002-03	269 728-2	Cover	Wartsila SACM Diesel	1	5
MK002-03	303 098-8	Gasket	Wartsila SACM Diesel	5	20
MK002-03	310 674-7	Gasket	Wartsila SACM Diesel	1	3
MK002-03	312 151-4	Shim 0.20mm	Wartsila SACM Diesel	1	5
MK002-03	312 152-2	Shim 0.25mm	Wartsila SACM Diesel	1	5
MK002-03	312 153-0	Shim 0.30mm	Wartsila SACM Diesel	1	5
MK002-03	312 154-8	Shim 0.50mm	Wartsila SACM Diesel	1	5
MK002-03	312 155-5	Shim 0.75mm	Wartsila SACM Diesel	1	5
MK002-03	353 173-8	Gasket	Wartsila SACM Diesel	1	5
MK002-03	357 775-6	Shim 0.40mm	Wartsila SACM Diesel	1	5
MK002-03	362 128-1	O-ring	Wartsila SACM Diesel	2	11
MK002-03	371 497-9	Gasket	Wartsila SACM Diesel	1	3
MK002-03	371 498-7	Timing Gear Cover Gasket	Wartsila SACM Diesel	1	3
MK002-03	371 499-5	Flywheel Housing Gasket	Wartsila SACM Diesel	1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MK002-03	371 505-9	Gasket	Wartsila SACM Diesel	1	2
MK002-03	384 712-6	Gasket		2	8
MK002-03	395 641-4	Frequency Transmitter	Wartsila SACM Diesel	1	2
MK002-03	550 490	Main Bearing STD 101.62mm	Wartsila SACM Diesel	3	10
MK002-04	1 102 999-8	Compression Ring Upper	Wartsila SACM Diesel	1	3
MK002-04	1 313 426-7	Connecting Rod	Wartsila SACM Diesel	1	1
MK002-04	1392927	Gasket		1	5
MK002-04	1392930	Gasket		1	5
MK002-04	232 129-7	Oil Scraper Ring	Wartsila SACM Diesel	1	3
MK002-04	247 573-9	Compression Ring Lower	Wartsila SACM Diesel	1	3
MK002-04	361 623-2	Screw		1	2
MK002-04	375 536-0	Crankshaft	Wartsila SACM Diesel	1	1
MK002-04	550 248-9	Piston Ring Kit	Wartsila SACM Diesel	2	10
MK002-05	265 476-2	Push Rod	Wartsila SACM Diesel	2	9
MK002-05	362 130-7	O-ring	Wartsila SACM Diesel	1	2
MK002-06	0348993	O-ring	Wartsila SACM Diesel	10	36
MK002-06	1 108 444-9	Oil Cooler	Wartsila SACM Diesel	1	1
MK002-06	182 927-4	O-ring	Wartsila SACM Diesel	2	10
MK002-06	182 927-4	O-ring	Wartsila SACM Diesel	1	2
MK002-06	242 296-2	Bushing	Wartsila SACM Diesel	2	10
MK002-06	242 300-2	Gasket	Wartsila SACM Diesel	1	3
MK002-06	290 531-3	Strainer	Wartsila SACM Diesel	2	8
MK002-06	311 486-5	Spring	Wartsila SACM Diesel	1	2
MK002-06	329 256-2	Hand Oil Bilge Pump	Wartsila SACM Diesel	1	3
MK002-06	35 456-3	Gasket	Wartsila SACM Diesel	2	8
MK002-06	371 490-4	Gasket	Wartsila SACM Diesel	1	4
MK002-06	371 501-8	Gasket	Wartsila SACM Diesel	1	3
MK002-06	371 502-6	Gasket	Wartsila SACM Diesel	1	3
MK002-06	371 502-6	Gasket	Wartsila SACM Diesel	1	2
MK002-06	372 983-7	O-ring	Wartsila SACM Diesel	7	24
MK002-06	372 984-5	O-ring	Wartsila SACM Diesel	10	44
MK002-06	372 985-2 (order Alt#)	O-ring	Wartsila SACM Diesel	5	20
MK002-06	392 651-6	O-ring	Wartsila SACM Diesel	1	3
MK002-06	812 412-5	Gasket	Wartsila SACM Diesel	7	26
MK002-06	812 412-5	Gasket	Wartsila SACM Diesel	1	2
MK002-06	812 419-0	Gasket	Wartsila SACM Diesel	1	5
MK002-06	8C-3446	Valve (Sample Cock)	Finning Power Systems	3	12
MK002-07	1 343 213-3	Turbocharger	Wartsila SACM Diesel	1	1
MK002-08	1 421 424	Gasket		7	24
MK002-08	1 421 424	Gasket		3	12
MK002-08	235 000-7	Pressure Indicator	Wartsila SACM Diesel	1	2
MK002-08	235 000-7	Pressure Indicator	Wartsila SACM Diesel	1	2
MK002-09	1 123 227-9	Link Yoke	Wartsila SACM Diesel	1	5
MK002-09	1 123 227-9	Link Yoke	Wartsila SACM Diesel	1	3
MK002-09	1 300 297-7	Control Motor (Electric Actuator)-OBSOLETE see 1 349 380	Scania	1	4
MK002-09	1 300 298-5	Pick Up Cable c/w sensor	Wartsila SACM Diesel	1	2
MK002-09	1 318 041-9	Solenoid (Pulled for Stop)	Wartsila SACM Diesel	1	2
MK002-09	1 318 042-7	Solenoid (Pulled @ Operation)	Wartsila SACM Diesel	2	5
MK002-09	1358640	Starter		1	1
MK002-10	1 109 869-6	Oil Seal	Wartsila SACM Diesel	1	2
MK002-10	1 110 964-2	Charge Cooler	Wartsila SACM Diesel	1	1
MK002-10	1 308 498-3	Thermostat Housing	Wartsila SACM Diesel	1	5
MK002-10	1 321 405-7	Gasket	Wartsila SACM Diesel	3	12
MK002-10	1 328 786-7	Gasket	Wartsila SACM Diesel	1	3
MK002-10	1 328 786-7	Gasket	Wartsila SACM Diesel	1	2
MK002-10	1.38868.5	Gasket	Wartsila SACM Diesel	2	7

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MK002-10	110-107-5	Sea Water Pump	Wartsila SACM Diesel	1	1
MK002-10	130 498-4	Gasket	SCANIA	1	5
MK002-10	1322328	Gasket	Wartsila SACM Diesel	2	10
MK002-10	1322328	Gasket	Wartsila SACM Diesel	2	8
MK002-10	1350795	Gasket	WARTSILA SACM DIESEL	1	5
MK002-10	1363030	Gasket		1	2
MK002-10	1363031	Gasket		7	24
MK002-10	1363031	Gasket		1	2
MK002-10	1367985	Gasket		3	12
MK002-10	1367986	Gasket		2	9
MK002-10	1367987	Gasket		1	2
MK002-10	137-649-1	FW Coolant Pump	SCANIA	1	3
MK002-10	1392933	Gasket		1	2
MK002-10	14 090-5	Ball Bearing	Wartsila SACM Diesel	2	8
MK002-10	1434770	Thermostat 83 - 104 deg C, set @ 93 deg C- AFTER COOLER	SCANIA	1	2
MK002-10	1434770	Thermostat 83 - 104 deg C, set @ 93 deg C- AFTER COOLER	SCANIA	1	2
MK002-10	170 366-9	Gasket	Wartsila SACM Diesel	1	3
MK002-10	170 367-7	Gasket	Wartsila SACM Diesel	1	4
MK002-10	1-J04 (DS114)	MOUNTING COOLANT PUMP 1-J04 (DS114) Jacket, Water Pump		1	2
MK002-10	204 466-7	Gasket	Wartsila SACM Diesel	1	5
MK002-10	216 256-8	Slinger	Wartsila SACM Diesel	1	2
MK002-10	241 067-8	Thermostat	Wartsila SACM Diesel	1	5
MK002-10	252 804-0	Gasket	Wartsila SACM Diesel	1	3
MK002-10	272 783-2	Thermostat	Wartsila SACM Diesel	1	2
MK002-10	282 922-4	Lipseal	Wartsila SACM Diesel	1	2
MK002-10	282 923-2	Mech. Seal	Wartsila SACM Diesel	1	2
MK002-10	282 926-5	Ball Bearing	Wartsila SACM Diesel	1	4
MK002-10	323897-9	Impeller- for salt water cooling pump	SCANIA	1	2
MK002-10	325 441-4	Gasket	Wartsila SACM Diesel	1	3
MK002-10	325 442-2	Gasket	Wartsila SACM Diesel	1	3
MK002-10	355 486-2	Gasket	Wartsila SACM Diesel	3	12
MK002-10	362 129-9	O-ring	Wartsila SACM Diesel	1	2
MK002-10	363 143-9	Seal	Wartsila SACM Diesel	1	4
MK002-10	367 762-2	Pressure Cap	Wartsila SACM Diesel	1	2
MK002-10	378 396-6	Coolant Filter	Wartsila SACM Diesel	1	5
MK002-10	388 736-1	Gasket	Wartsila SACM Diesel	1	2
MK002-10	391 800-0	Gasket	Wartsila SACM Diesel	1	2
MK002-10	391747	Rubber Flange	Wartsila SACM Diesel	3	12
MK002-10	4.197766.8	Low Water Pressure Switch or Low Turbo-Oil Pressure Switch	AMOT Controls	1	3
MK002-10	551 483	Gasket Kit - Fresh Water Pump		1	4
MK002-10	804 655-9	O-ring	Wartsila SACM Diesel	3	12
MK002-10	804 670-8	O-ring	Wartsila SACM Diesel	1	3
MK002-10	804 691-4	O-ring	Wartsila SACM Diesel	1	5
MK002-10	804 691-4	O-ring	Wartsila SACM Diesel	1	2
MK002-10	804 730-0	O-ring	Wartsila SACM Diesel	3	12
MK002-10	804 867-0	O-ring	Wartsila SACM Diesel	1	2
MK002-10	810 970-4	O-ring	Wartsila SACM Diesel	2	9
MK002-10	813 222-7	Ferrule	Wartsila SACM Diesel	3	11
MK002-10	814 554-2	Union Nut	Wartsila SACM Diesel	3	11
MK002-10	Service Kit-UD19	UD19 Aux Service Kit for job #6, see WEAF PDT-1591 for parts list	Finning Power Systems	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MK002-11	1 110 976-6	Delivery Pipe, Kit (Fuel Bundles)	Wartsila SACM Diesel	1	1
MK002-11	1 114 640-4	Gasket	Wartsila SACM Diesel	1	3
MK002-11	1 123 841-7	Feed Pump	Wartsila SACM Diesel	1	4
MK002-11	1 319 536-7	Pressure Bolt	Wartsila SACM Diesel	2	10
MK002-11	1 341 481-8	Nozzle	Wartsila SACM Diesel	1	5
MK002-11	1 343 437-8	Fuel Pipe for Feed pump-Filter	Scania	1	4
MK002-11	192 849-8	Seal Ring	Wartsila SACM Diesel	2	8
MK002-11	192 862-1	Gasket	Wartsila SACM Diesel	1	3
MK002-11	192 868-8	Valve	Wartsila SACM Diesel	1	2
MK002-11	192 869-6	Valve Spring	Wartsila SACM Diesel	1	2
MK002-11	192 871-2	Gasket	Wartsila SACM Diesel	1	5
MK002-11	192 871-2	Gasket	Wartsila SACM Diesel	1	3
MK002-11	199 552-1	Fuel Return Line	Wartsila SACM Diesel	2	8
MK002-11	199 553-9	Fuel Return Line	Wartsila SACM Diesel	2	8
MK002-11	269 349-7	Plunger Spring	Wartsila SACM Diesel	1	3
MK002-11	309 612-0	Fuel Return Tube	Wartsila SACM Diesel	1	4
MK002-11	311 230-7	Fuel Return Line	Wartsila SACM Diesel	2	8
MK002-11	311 231-5	Fuel Return Line	Wartsila SACM Diesel	2	8
MK002-11	313969-8	Overflow Valve	Wartsila SACM Diesel	1	2
MK002-11	330 323-7	Gasket	Wartsila SACM Diesel	2	8
MK002-11	334 662-4	Hand Pump	SCANIA	1	4
MK002-11	35 525-5	Gasket	Wartsila SACM Diesel	1	5
MK002-11	35 525-5	Gasket	Wartsila SACM Diesel	1	5
MK002-11	371 515-8	Gasket	Wartsila SACM Diesel	1	3
MK002-11	374 480-2	Spring	Wartsila SACM Diesel	2	10
MK002-11	383 916-4	Cap Nut	Wartsila SACM Diesel	1	4
MK002-11	383 917-2	Seal - Injector	Wartsila SACM Diesel	7	24
MK002-11	395 767-7	Spacer	Wartsila SACM Diesel	2	10
MK002-11	812 411-7	Gasket	SCANIA	7	24
MK002-11	812 411-7	Gasket	SCANIA	7	24
MK002-12	192 958-7	Roller Bearing		1	3
MK002-12	192 977-7	Needle Bearing		1	3
MK002-12	193 508-9	Gasket		1	4
MK002-12	193 510-5	Gasket		1	5
MK002-12	2.097972.4	Flexible Piping	Wartsila SACM Diesel	2	8
MK002-12	210 991-6	Starter Pinion		1	3
MK002-12	210 995-7	Solenoid Switch		1	2
MK002-12	220 417-0	Gasket		1	5
MK002-12	238 805-6	Starter Relay		1	2
MK002-12	4.116094.3	Hinge Bearing	Wartsila SACM Diesel	1	2
MK002-12	4.196271.7	Bonding Strap	Wartsila SACM Diesel	1	4
MK002-12	4.198361.5	Sensor, Water Temperature	Wartsila SACM Diesel	1	2
MK002-12	4.198361.5	Sensor, Water Temperature	Wartsila SACM Diesel	1	2
MK002-12	4.198361.5	Sensor, Water Temperature	Wartsila SACM Diesel	1	1
MK002-12	4.198366.2	Sensor - Fuel Pressure Gauge	Wartsila SACM Diesel	1	2
MK002-12	4.198370.0	Temperature Probe	Wartsila SACM Diesel	1	1
MK002-12	4.198374.2	Water Thermostat 93 Deg	Wartsila SACM Diesel	1	3
MK002-12	4.198374.2	Water Thermostat 93 Deg	Wartsila SACM Diesel	1	1
MK002-12	4.198377.5	Oil Pressure Switch	Wartsila SACM Diesel	1	2
MK002-12	4.198378.4	Thermostat	Wartsila SACM Diesel	1	2
MK002-12	4.198386.3	Differential Pressure Switch	Wartsila SACM Diesel	1	1
MK002-12	4.198394.3	Potentiometer 50KR/10TR		1	4
MK002-14	1 107 098-4	O-ring, Plug - Exhaust Manifold	Wartsila SACM Diesel	1	5
MK002-14	1 313 459-8	Cylinder Head Gasket - Complete With Seals	Wartsila SACM Diesel	1	3
MK002-14	812 415-8	Gasket, Plug - Expansion Tank	Wartsila SACM Diesel	1	5
MK003-00	1 332 341-5	Air filter	SCANIA	2	9

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MK003-00	Job 1	Parts kit for UD16 - Job #1	Finning Power Systems	1	5
MK003-00	Job 3	Parts kit for UD16 Aux - Job #3	Finning Power Systems	1	3
MK003-00	Job 4	Parts kit for UD19 Aux - Job #4	Finning Power Systems	1	5
MK003-00	Job 4	Parts kit for UD16 - Job #4	Finning Power Systems	1	3
MK003-00	Job 5	Parts kit for UD16 - Emerg. Job #5	Finning Power Systems	1	2
MK003-01	1 100 677-2	Bushing		1	5
MK003-01	1 319 081-4	Intake Valve		1	3
MK003-01	1 321 236-0	Cylinder Head		1	2
MK003-01	278 102-9	Exhaust Valve		1	2
MK003-01	351 351-2	Seat Intake Valve		1	2
MK003-01	351 352-0	Seat Exhaust Valve		1	2
MK003-01	378 299-2	Rocker Cover Gasket		3	12
MK003-01	387 503-6	Gasket		2	8
MK003-02	1 101 638-3	Gasket		1	3
MK003-02	323790	O'Ring		1	5
MK003-02	323790	O'Ring		1	2
MK003-02	364 791-4	Gasket Exhaust Manifold		1	3
MK003-02	365 941-4	Gasket Intake Manifold-Flange Pipe		2	7
MK003-02	366 547-8	Intake Manifold Gasket		1	3
MK003-02	388 118-2	Gasket		1	3
MK003-03	1 123 306-1	O-ring		1	3
MK003-03	1 302 827-9	Seal		1	3
MK003-03	1 320 292-4	Gasket		1	3
MK003-03	1 320 295-7	Gasket		1	5
MK003-03	1 320 298-1	Timing Gear Cover Gasket		1	3
MK003-03	1 321 372-3	Cylinder Liner		1	2
MK003-03	1 322 278-1	Ring		1	3
MK003-03	1 361 454-0	O-ring		2	8
MK003-03	1 362 889-6	Gasket		2	8
MK003-03	323 662-7	O-ring 1017 129,5x4		1	5
MK003-03	331 874-8	Shim 0.20mm		1	3
MK003-03	331 875-5	Shim 0.20mm		1	3
MK003-03	331 876-3	Shim 0.30mm		1	3
MK003-03	331 877-1	Shim 0.50mm		1	2
MK003-03	331 878-9	Shim 0.75mm		1	3
MK003-03	348 611-5	Axial Bearing STD 3,40mm		1	5
MK003-03	349 419-2	O-ring 29,2x3		1	3
MK003-03	357 776-4	Shim 0.40mm		1	3
MK003-03	365 100-7	Main Bearing STD 90.00mm		2	9
MK003-03	366 539-5	Gasket		1	3
MK003-03	366 540-3	Gasket Timing Gear Housing		1	3
MK003-03	366 546-0	Gasket		1	3
MK003-03	388 430-1	Timing Gear Cover Gasket		1	3
MK003-04	1 320 973-9	Bushing		1	4
MK003-04	1 332 749-9	Piston		1	2
MK003-04	229 995-6	Compression Ring Lower		1	2
MK003-04	245 486-6	Oil Scraper Ring		1	2
MK003-04	340 327-6	Gudgeon Pin		1	2
MK003-04	346 879-0	Connecting Rod Bearing STD 80,00mm		2	8
MK003-04	371 993-7	Compression Ring Upper		1	2
MK003-04	393 652-3	Connecting Rod		1	1
MK003-05	1 109 870-4	Seal		1	2
MK003-05	346 228-0	Push Rod		2	8
MK003-05	368 030-3	O-ring 79,5x3		1	3
MK003-05	368 031-1	O-ring 94,5x3		1	3
MK003-05	385 257-1	O-ring 104,5x3		1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MK003-06	1 350 378-4	Gasket		1	3
MK003-06	1383576 (Use 2nd Alt)	Thermostat		2	7
MK003-06	1383576 (Use 2nd Alt)	Thermostat		1	3
MK003-06	139 110-1	Bushing		1	3
MK003-06	1-D20 (DS9 DS19)	OIL COOLER 1-D20 (DS9 DS19)		1	2
MK003-06	288 767-7	Ball Bearing		1	2
MK003-06	321 992-0	O-ring 106,2x3		1	5
MK003-06	365 068-6	Radiator Core		1	1
MK003-06	366 549-4	Gasket		1	5
MK003-06	366 550-2	Gasket		1	3
MK003-06	366 552-8	Gasket		1	3
MK003-06	366 553-6	Gasket		1	3
MK003-06	372 032-3	Shim		1	2
MK003-06	381 235-1	Seal		1	2
MK003-06	392 653-2	O-ring 22,1x1,6		1	3
MK003-06	804 882-9	O-ring 15,1x1,6		1	3
MK003-07	366 558-5	Gasket		1	3
MK003-07	366 559-3	Gasket		1	3
MK003-07	369478	Seal		1	2
MK003-10	246 458-4	Gasket		1	5
MK003-10	246 458-4	Gasket		1	3
MK003-10	278 533-5	Bearing		1	2
MK003-10	35 437-3	Gasket		1	3
MK003-10	366 556-9	Coolant Pump Gasket		1	3
MK003-10	388 117-4	Gasket		1	5
MK003-10	397 460-7	Coolant Pump		1	3
MK003-11	1 318 812-3	Injector	SCANIA	2	8
MK003-11	1 318 814-9	Nozzle		1	3
MK003-11	1 318 814-9	Nozzle		1	2
MK003-11	1 336 025-0	Shim TJ = 1,00mm		1	4
MK003-11	1 336 026-8	Shim TJ = 1,05mm		1	4
MK003-11	1 336 027-6	Shim TJ = 1,10mm		1	4
MK003-11	1 336 028-4	Shim TJ = 1,15mm		1	4
MK003-11	1 336 029-2	Shim TJ = 1,20mm		1	4
MK003-11	1 336 030-0	Shim TJ = 1,25mm		1	4
MK003-11	1 336 031-8	Shim TJ = 1,30mm		1	4
MK003-11	1 336 032-6	Shim TJ = 1,35mm		1	4
MK003-11	1 336 033-4	Shim TJ = 1,40mm		1	4
MK003-11	1 336 034-2	Shim TJ = 1,45mm		1	4
MK003-11	1 336 035-9	Shim TJ = 1,50mm		2	8
MK003-11	1 336 036-7	Shim TJ = 1,55mm		1	4
MK003-11	1 336 037-5	Shim TJ = 1,60mm		1	4
MK003-11	1 336 038-3	Shim TJ = 1,65mm		1	4
MK003-11	1 336 039-1	Shim TJ = 1,70mm		1	4
MK003-11	1 336 040-9	Shim TJ = 1,75mm		1	4
MK003-11	1 336 041-7	Shim TJ = 1,80mm		1	4
MK003-11	1 336 042-5	Shim TJ = 1,85mm		1	4
MK003-11	1 336 043-3	Shim TJ = 1,90mm		1	4
MK003-11	1 336 044-1	Shim TJ = 1,95mm		1	4
MK003-11	1 336 045-8	Shim TJ = 2,00mm		1	4
MK003-11	1 336 046-6	Spacer		1	2
MK003-11	1 336 047-4	Pressure Bolt		1	4
MK003-11	1 336 048-2	Cap Nut		1	4
MK003-11	1 336 049-0	Spring		2	8
MK003-11	1 343 434-5	Fuel Pipe Feed Pump Filter		1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MK003-11	305A 1/2"	1/2" Discharge Control valve repair kit	Canadian Maritime Engineering Lt	1	4
MK003-11	386 623-3	O-ring		2	8
MK003-11	386 624-1	O-ring		2	8
MK003-12	369-555-8	STARTER MOUNTING 2-E08 (DS9 DS19)		1	4
MK003-12	386 762-9	Pinion		1	2
MK003-12	386 776-9	Solenoid		1	2
MK003-14	1 103 031-9	Bearing		1	2
MK003-14	1 123 007-5	Hose		1	4
MK003-14	1 318 076-5	Hose		3	12
MK003-14	1 318 076-5	Hose		1	5
MK003-14	228 836-3	Ball Bearing		1	2
MK003-14	258 267-4	Ball Bearing		1	2
MK003-14	285 248-1	Vibration Insulator	Wartsila SACM Diesel	1	3
MK003-14	814 196-2	Electrical Driving Belt		2	9
MK003-14	814 215-0	Water Pump Driving Belt L=1725 mm		2	8
MK003-15	4.197267.2	Electro Stop		1	2
MK003-15	4.197766.8	Pressure Switch		1	2
MK003-15	4.198372.8	Pressure Switch (Transducer, Lube Oil)		1	2
MK003-15	4.198372.8	Pressure Switch (Transducer, Lube Oil)		1	2
MK003-15	4.198372.8	Pressure Switch (Transducer, Lube Oil)		1	1
MK003-15	4.589113.3	Hose		1	1
MK003-15	4.589120.4	Shock-Absorber		1	2
MK003-15	5.300347.7	Radiator Cap	Wartsila SACM Diesel	1	5
MK003-15	5.300347.7	Radiator Cap	Wartsila SACM Diesel	1	3
MK003-15	5.300347.7	Radiator Cap	Wartsila SACM Diesel	1	2
MK003-16	551 452-6	Repair Kit, Outer Turbocharger		1	2
MK003-16	551 485-6	General Overhaul Kit		1	2
MT001-00		Cross Section Gasket	Caird Mechanical Contractors Ltd	1	4
MT001-00		Tee Section Gasket	Caird Mechanical Contractors Ltd	1	4
MT001-00	16315-128	Filter 60/60		3	12
MT001-00	31M-57A	Nitrile/Nylon Diaphragm for water regulating valve	Johnson Controls	1	3
MT001-00	8M-61	Helper Spring for water regulating valve	Stork Canada Inc.	1	3
MT001-00	94-2723F13A	Fuse F1 3A 3 Amp 600VAC Time Delay		3	10
MT001-00	94-2723F23A	Fuse F23A		15	50
MT001-00	94-2723F36A	Fuse 6A		15	50
MT001-00	94-2822F15A	AHU Cont. Wiring Diagram Fuse (F1-5A)		15	50
MT001-00	EW300LX	ELIWELL EW300LX Temperature Indicator (TM10D00X0D400)		1	4
MT001-00	EW7221	ELIWELL EW7221 Temperature Control (E7213PAXBH700)		3	10
MT001-00	M902PF-250LR-FL2-3W	Water Regulating Valve, 2 1/2" METREX 3 way (BELLOWS ONLY)	Metrex	1	2
MT001-00	N-7029	2 1/2" Power Spring for water regulating valve	Johnson Controls	1	3
MT003-00	3BTL6-31	Switch, Oil Temp.		1	2
MT003-00	5F20-212	Switch, Oil Safety	Carrier Canada Ltd	1	2
MT003-00	5F20-A272	Oil Pump Package	Carrier Canada Ltd	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MT003-00	5F40276	Seal	Carrier Canada Ltd	1	3
MT003-00	5F60660001	Gasket Set	Carrier Canada Ltd	1	2
MT003-00	848-CM	Core, Drier		2	8
MT003-00	HK02UA-300	Switch, High Pressure	Carrier Canada Ltd	1	2
MT003-00	HK02UB-050	Switch, Low Pressure		1	2
MT003-00	T675A-2076	Thermostat	HONEYWELL	1	2
MT007-00	450-025	Blower Motor	Zepoli Int Ltd	1	2
MT007-00	601-006	Contacto, Compressor (EC Use Alt PN for Ordering)	Zepoli Int Ltd	1	3
MT007-00	601-009	Contacto Coil, Blower 24VAC	Zepoli Int Ltd	1	2
MT007-00	602-004	Time Delay Relay		1	3
MT007-00	640-004	Switch, High Pressure	Zepoli Int Ltd	1	3
MT007-00	640-007	Switch, Low Pressure	Zepoli Int Ltd	1	2
MT007-00	700-038	Blower Motor Capacitor		1	2
MT007-01	AX-48	Belt	Accutemp Refrigeration	2	8
MT007-02	1985-020-19	Needle Valve 1/4NPT, BBV4 - Forged Brass		1	3
MT007-02	1985-020-21	Crankcase Heater 5F20-381 115V/1/60Hz		1	2
MT008-00		1-1/4" Clear Water Hose	Johnson Controls	15	50
MT008-00	1985-160-01	M.A.C. Unit		1	2
MT008-00	1985-161	Flat air filter 14 3/4 x 10 7/16 THK, washable		1	4
MT008-00	450-063	Motor, Blower	Zepoli Int Ltd	1	2
MT008-00	700-011	Capacitor, Blower Motor 4MFD	Zepoli Int Ltd	1	2
MT008-00	DA868P-100SEM	Water Regulating Valve, 1" Metrex two way	Zepoli Int Ltd	1	2
MT008-00	V46BB-2C	1/2" Water Valve	Johnson Controls L.P.	1	2
MT008-00	V46BE-2C	1 1/4" Water Valve 70-260 PSIG	Johnson Controls	1	1
MT008-00	V46BE-2C	1 1/4" Water Valve 70-260 PSIG	Johnson Controls	1	1
MT008-02	7 (Henry MI-3-Dri-Vue)	Liquid Indicator MI-30-1 1/8" ODF		1	2
MT009-00	1222-7PR	Switch, Red,	Victoria Shipyards Co. Ltd	1	3
MT009-00	198 935 701 790 037	Seal Kit F790-701 SR PNEU Actuator	Unified Alloys	1	3
MT009-00	230928080100001	Shaft Seal		1	4
MT009-00	230928100100001	Shaft Seal		1	5
MT009-00	470-206-040-999-003	Valve Seat, Keystone Valve Only	Preston Phipps Inc.	1	2
MT009-00	554SA400K011B30	Solenoid Control Valve	Wartsila Canada Inc.	1	5
MT009-00	554SA400K011B30	Solenoid Control Valve	Wartsila Canada Inc.	1	2
MT009-00	MKL-2	Fuse		30	90
MT009-00	TYCO 51020-7080100000	Bushing		1	3
MT009-00	TYCO 51020-7100100000	Bushing		1	4
MT010-00	1985-020-03	Angle Type Relief Valve 526E-350 Psi - Brass	Henry Valve Co.	1	2
MT010-00	3G2C7-CPU 74E	CPU, Programmable Controller		1	1
MT010-00	3G2C7-MC223	CPU Extension		1	1
MT010-00	3SB1218-0AE01	Pushbutton, Illuminated Green	SIEMENS OF CANADA	1	3
MT010-00	3SB1400-2A			1	2
MT010-00	3SB1400-OB			1	2
MT010-00	3SB1400-OC			1	2
MT010-00	94-2723-CP-DPA53	Contacto, CPRSR	SQUARE D	1	3
MT010-00	94-2723F13A	Fuse 3A		15	50
MT010-00	94-2723-OL-GV3	Overload CPRSR, Motor Circuit Breaker 25 - 40A	TELEMECANIQUE	1	2
MT010-00	94-2723-RCP-MK3	Relay	Kaycom Inc	1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MT010-00	94-2723-RY-G2R	Relay	Kaycom Inc	2	8
MT010-00	AP5014	Switch, Air Flow		1	3
MT010-00	B25S2	Valve, Solenoid, c/w coil 115V	Sporlan	1	2
MT010-00	M90-P-250-FL-3W	AHU Salt Water Regulating Valve	Johnson Controls	1	1
MT010-00	ZN65	Zinc Covers for Condenser	Johnson Controls	1	5
MT012-00	020-CRK01-325-100	Seal Kit	Miller Fluid Power	1	4
MT012-00	702RA-001	Solenoid Valve	JHT ELECTRONICS	1	2
MT012-00	AMG 120V/60HZ	Coil, Solenoid Valve 120v 60Hz	JHT ELECTRONICS	1	2
MU001-00	DB-001	Adapter (part of packaged CO2 Cylinder Assy)		2	7
MU001-00	P30061	Pneumatic Siren CO2 Driven		1	3
MU001-00	P30066000	Actuator (part of packaged CO2 Cylinder Assy)		2	8
MU001-00	P30066000	Actuator (part of packaged CO2 Cylinder Assy)		1	2
MU001-00	P30071	Pressure Switch		1	3
MU001-00	P30096	Valve (part of packaged CO2 Cylinder Assy)		2	8
MU001-00	W565	Hose Spanner		1	4
MU002-00	AF-V-01	3" Globe Valve 150lbs SDNR FLGD 9 1/2" face to face		1	4
MU003-00	3312NBMSC684L D-M	3-Way Laurence Solenoid Valve, 1/2", 0 - 150psi @ 100F	CTH Instruments Ltd.	1	1
MU003-00	8210G2	Solenoid Valve (ASCO) Mag Spray Activation	CTH Instruments Ltd.	2	7
MU003-00	LD2000	ISOLATION VALVE		1	2
MU003-01	MSH	Magazine Spray Head 1.875 to 2.375	Canadian Maritime Engineering Ltd. (West)	1	2
MU003-01	NB924421202	Leslie Valve Spare Parts Kit		1	4
MU003-02	AC70/1	STRAINER SCREEN		2	7
MU003-02	DIH-A150SS-P2	Pressure Switch, (for Thyristor Cooling Pump)(Same as PC 0004)	Barksdale	2	10
MU003-02	HD2H-A4-C	Pressure Switch	Emery Electric Ltd.	1	2
MU003-02	Q61	Valve, Solenoid Control, Salt Water, 1/2", 5-150psi	J.D. GOULD	1	2
MU003-02	SS-45S8	BALL VALVE 2500 psi (172 BAR) 100 Deg f	WHITEY USA	1	2
MU003-03	60.12.8.120.0054	FIN Relay, 8 pin DPDT, 120 vac, LED/TEST	E.B. Horsman & Son	1	3
MU003-03	700-HA32A1	RELAY 3P2T		1	3
MU003-03	700-HA33A1	RELAY 10A 2PDT 120Vac	ALLEN BRADLEY	1	2
MU003-03	800T-N169 or 120MB Albrite	Magazine Sprinkler Light Bulb 120V Control Panel		15	55
MU004-00	96903	Fusible Links		4	17
MU004-00	97023	Pressure Switch		1	2
MU005-01	47/50569	Sealing Disc Aluminium (Swbd CO2 System)		30	100
MU005-04	1098	OETIKER STANDARD PINCERS	Stellar Industrial Sales Ltd.	1	2
MU005-04	2528	OETIKER CLAMP, 1 1/16"	Stellar Industrial Sales Ltd.	2	8
MU005-04	2731	OETIKER CLAMP, 1 1/8"	Stellar Industrial Sales Ltd.	2	8
MU005-04	776R	150LB Novec 1230 Wheeled Unit 36" Complete with Rubber	None	1	1
MU005-04	G2-3134	Pinch Clamp 1-5/16"	Green Line Hose & Fittings Ltd.	2	10
MU009-00	LATCH	Galley Fire Shutter Latch	Playsted Sheet Metal Ltd	1	5
MU010-00		Gas/Water Fire Extinguisher Mounting Bracket	United Engineering Ltd	1	3

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MU010-00		DSC Drawings (REV2005-07-13) (Small)	Halifax Shipyard Ltd.	2	7
MU010-00		DSC Drawings (REV2005-07-13) (Large)	Halifax Shipyard Ltd.	1	4
MU010-00	DCIB	Damage Control Incident Board	Canadian Maritime Engineering	2	6
MU010-02		DSC Drawings (REV2005-07-13) (Small)		3	15
MU010-02		DSC Drawings (REV2005-07-13) (Large)		1	5
MU010-02	8011 Black	Incident Board Peg Black 1.524mm by E-Z-Hook		20	78
MU010-02	8011 Red	Incident Board Peg Red 1.524mm by E-Z-Hook	Halifax Shipyard Ltd.	20	75
MU013-00	3580700000	GLAMOX NAV 70M A/R WHITE MARINE NA LIGHT	Albrite Lighting Ltd	1	5
MU019-00	MIST ABC123	Low Pressure Mist System NEW Ship Set	UNITOR	1	1
MV001-00	25226-50F	Coil for GP Crane	Wainbee Limited	1	2
MV001-00	60747-33	Hydraulic Control Valve (West Coast)	PARKER FLUID POWER	1	2
MV001-00	A18573	Filler Breather		1	2
MV001-00	AR 2240LD	GENERAL PURPOSE CRANE		1	1
MV001-00	CXFT220P2R31	Lube oil Heater	CALORITECH	1	2
MV001-00	HI304 1832	Shims for crane	Intercon Marine Inc	1	5
MV001-00	HI304 9311	Guide for crane	Intercon Marine Inc	1	5
MV001-00	HI318 2801	Slide pad for crane	Intercon Marine Inc	1	2
MV001-00	HI318 2959	Slide pad for crane	Intercon Marine Inc	1	2
MV001-00	HI341 7719	Slide pad for crane	Intercon Marine Inc	1	2
MV001-00	HI999 5447	Hex head cap screw for crane	Intercon Marine Inc	1	2
MV001-00	HI999 5765	Bolt for crane	Intercon Marine Inc	1	3
MV001-00	HI999 5773	Locking nut for crane	Intercon Marine Inc	1	2
MV001-00	HI999 5803	Washer for crane	Intercon Marine Inc	1	5
MV001-01	M100-182ASS	Joystick Controller, Boom (left-inner position)	P - Q Controls	1	2
MV001-01	M100-182ASS	Joystick Controller, Boom (left-inner position)	P - Q Controls	1	1
MV001-01	M100-183ASS	Joystick Controller, Slew (left-outer position)	P - Q Controls	1	2
MV001-01	M100-845CSS	Joystick Controller, Hoist (right hand position)	P - Q Controls	1	4
MV001-01	P-000549	Fuse 3A, 600V, FB, ceramic, 13.80 x 60.40mm	Jentronics Limited	20	60
MV001-01	P-000549	Fuse 3A, 600V, FB, ceramic, 13.80 x 60.40mm	Jentronics Limited	1	4
MV001-01	P-000553	Fuse 1A, 600V, 12 x 30mm		7	27
MV001-01	P-000554	Fuse, 5A, 250V, 10 x 38mm	Albrite Lighting Ltd	10	31
MV001-01	P-000556	Lamp 130V, 20mA	Albrite Lighting Ltd	3	10
MV001-03	A-111007	Return Filter	Atlantic Hardchrome Limited	1	4
MV001-04	A16548	Speed Reducer	ARVA Industries Inc.	1	1
MV001-06	A19291	SLEW UNIT - MOTOR HYDRAULIC (Model: 104-1017)	EATON CORPORATION	1	2
MV001-08		Lift Cylinder Assembly (Model: 971/A-110875)	SPACE HYDRAULICS	1	2
MV001-09	M84967	Wire Rope (cable), 100' x 7/16" , 6x19 Classification, 6x25 construction, IWRC, EHS, RRL, galvanized, 11.5 Ton MIn break strength	ARVA Industries Inc.	2	7
MV001-10	A-152891	Accumulator	ARVA Industries Inc.	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MV001-10	A-154408	Bushing		1	2
MV001-11	A111295	Braden Gearmatic BG6A Hydraulic Winch Assembly (Complete)	ARVA Industries Inc.	1	1
MV001-11	A-154448	Swivel Hook, 3JH c/w Latch Kits	Gunnebo Johnson	1	3
MV001-12	K00206	Relay		1	2
MV003-00	04-2228-04-21	Bushing		1	3
MV003-00	04-2228-08-31	Key		1	2
MV003-00	08-2243-03-37-S1	Relief Cartridge		1	2
MV003-00	20.110.025	Thermometer 0-250F	Cowichan Hydraulic Equipment	1	2
MV004-00	08-2243-03-33	CIRCULATING PUMP		1	2
MV010-00		Repair Kit		1	2
MV010-00	04-2224-08-40	Wildcat Bushing	Hawboldt Industries Ltd	1	3
MV010-00	04-2224-15-54	Upper Brake Band Assembly	Hawboldt Industries Ltd	1	1
MV010-00	04-2224-20-68	Brake Link	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-21-69	Spindle Nut	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-23-71	Spindle Eye	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-24-73	Pin	Hawboldt Industries Ltd	1	3
MV010-00	04-2224-26-75	Set Collar	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-28-77A	Cotter Pin	Hawboldt Industries Ltd	20	88
MV010-00	04-2224-28-77B	Adjusting Nut	Hawboldt Industries Ltd	1	3
MV010-00	04-2224-28-92	Lock Pin	Hawboldt Industries Ltd	1	3
MV010-00	04-2224-35-101	Shaft Seal (Inner Oil Side)	Hawboldt Industries Ltd	1	3
MV010-00	04-2224-35-102	Shaft Seal (Inner)	Hawboldt Industries Ltd	1	3
MV010-00	04-2224-35-110	Clutch Key	Hawboldt Industries Ltd	1	3
MV010-00	04-2224-35-113A	Connecting Link	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-35-96	Bearing Sleeve (Outer)	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-35-97	Bearing (Outer)	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-35-98	Bearing Sleeve (Inner)	Hawboldt Industries Ltd	1	2
MV010-00	04-2224-35-99	Bearing (Inner)	Hawboldt Industries Ltd	1	3
MV010-00	04-2224-41-136	Filler Breather, Bayonet Style	Hawboldt Industries (1989) Ltd.	1	5
MV010-00	04-2224-41-136	Filler Breather, Bayonet Style	Hawboldt Industries (1989) Ltd.	1	2
MV010-00	04-2224-41-138	Level Gauge	HAWBOLDT INDUSTRIES	3	11
MV010-00	12391-04	Thermostat for heater # CXFT220P12R-001	WESCO Distribution - Canada Inc	1	2
MV010-00	80077-2	Boot for HCD4 Control Valve P1	Hawboldt Industries Ltd.	5	20
MV010-00	CHAIN	Anchor Chain (Approximate Quantity in Feet)	Hawboldt Industries Ltd.	1	1
MV010-00	CXFT220P-12R-001	Immersion Heater, 450V, 1 phase, 2Kw	CALORITECH	1	2
MV011-00	04-2224-40-139	Control Valve	Hawboldt Industries Ltd	1	2
MV011-00	04-2224-40-140-S1	Filter By-Pass Indicator C/W Housing & Element	Hawboldt Industries Ltd	1	5
MV011-00	04-2224-40-144	O-ring	Hawboldt Industries Ltd	5	20
MV011-00	SKHCD4/6M	Seal Kit, less Overload Seal Kit (Hydrocontrol Model HC-D4 Flow Control Valve)	Hydrocontrol	1	4
MV011-00	VM5B.1	Visual Clogging Indicator	Hawboldt Industries Ltd.	2	7
MV011-00	VR2B.1	By-Pass Indicator	Hawboldt Industries Ltd.	2	10
MV015-00	38550-ZW1-003	Relay Assy, Power (Motor Tilt)		1	2
MV015-00	682 82151-00	Main Fuse		1	3
MV015-00	Perko 71	Bulb 12V, 10w, for RHIB Running Lights	CAPITAL IRON & METAL LTD.	3	13
MV019-00	41/41	Cable Release Spring		1	3
MV019-00	42/545	Hoist Cable	Intercon Marine Inc	1	2

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
MW001-00		Steel Braided Salt Water Line, Fridge Plant	Johnson Controls	2	11
MW001-00	060-2001- KP-1	Low Pressure Control Switch		1	3
MW001-00	060-2015-KP5	High Pressure Safety Switch		1	3
MW001-00	060B2012 - MP55	Oil Pressure Failure Switch		1	3
MW001-00	060L2023 KP-81 AUTO	Desuperheating Control		1	2
MW001-00	1991+216	Shaft Seal Cover		1	2
MW001-00	1991+311	Front Bearing		1	2
MW001-00	SH281	Door Heater (36 1/2", 120v, 3 watts)	Johnson Controls	1	2
MW002-00	1911.130 (F3)	Compressor, F3 Single Stage Reciprocating	Johnson Controls	1	1
MW002-00	1991-216	Shaft Seal, Set for Compressor	Sabroe (Canada) Industrial Refri	1	3
MW002-00	1991-216	Shaft Seal, Set for Compressor	Sabroe (Canada) Industrial Refri	1	2
MW002-00	1991-218	Gaskets Set (11) for Compressor	Sabroe (Canada) Industrial Refri	1	2
MW002-00	1991-225	Suction Stop Valve Column 8	Johnson Controls	1	5
MW002-00	4074	Valve Plate		1	3
MW002-00	4074	Valve Plate		1	2
MW004-00	DLCMF 52	Flange Gasket	Sabroe (Canada) Industrial Refri	1	2
MW004-00	DLCMF 52	Flange Gasket	Sabroe (Canada) Industrial Refri	1	2
MW004-00	DLCMF52.5-4	Condenser	Sabroe (Canada) Industrial Refri	1	1
MW004-00	DLCMF-52.5-4	Anodes	Sabroe (Canada) Industrial Refri	3	12
MW005-00	017-501601 - RT-3-15	Dairy/F&V Control Stat.	DANFOSS	1	2
MW005-00	017-508301 - RT-11	Cold Store Control Stat.		1	2
MW005-00	018Z7512	Solenoid Valve Coil		1	2
MW005-00	032F0230	Valve Repair Kit		1	2
MW005-00	032F1156	Desuperheating Solenoid	DANFOSS	1	2
MW005-00	034L0022	Evap Pressure Regulator	DANFOSS	1	2
MW005-00	060-2001	Low Pressure Control		1	2
MW005-00	060-2023	Desuperheating Control		1	2
MW005-00	068-2010	ORF/CG Assembly EXP V		1	2
MW005-00	080SMDN	2 Pos. Selector Switch		1	2
MW005-00	1991+221	Compressor Heater		1	2
MW005-00	501321-001	Coil Face Heater		1	1
MW005-00	8145-20	Cold Store Defrost Timer		1	2
MW005-00	KLP104LE-S2B	Freezer Coil Evaporator 208-230V	Johnson Controls L.P.	1	2
MW005-00	KLP105LE-S2B	Evaporator Coil, Cold Room	Johnson Controls	1	1
MW005-00	KUCB41D	DAIRY (Use Alt)		1	2
SM007-00	10250T1	Contact Block, for On/Off Switch A-120714	WESCO Distribution - Canada Inc	2	7
SM007-00	10250T1	Contact Block, for On/Off Switch A-120714	WESCO Distribution - Canada Inc	2	7
SM007-00	13mm Crane Cable	13mm MMS Crane Cable	Intercon Marine Inc	1	5
SM007-00	6009BP-125	Pauluhn Receptacle, 30 amp, 125 v	ARVA Industries Inc.	2	8
ST004-00	0203797199 (West Coast: See Alt P/N)	Oil Sample Container	ATLANTIC CAT	50	248
ST004-00	DCA-310	Reaction Test Vial with level markings	M006/FRA(2) MERLIN GERIN	3	11
ST005-00	RM 15	Rox Module, RM 15 3.5-10.5MM	Consumable Catalogue	10	36
ST005-00	RM 20	Rex Module, RM 20, 4-14.5MM	Consumable Catalogue	2	10

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ST005-00	SCBA Cords	Waterproof Extension Cords for SCBA Compressor	Emery Electric Ltd.	2	7
ST006-00		Door Vent Knobs	Consumable Catalogue	3	10
ST006-00		Ceiling Mount Bracket-Curtain	Greggs Marine	7	25
ST006-00		Steel Curtain Hooks (1 1/2") (for bunks & doorways)	Gregg's Marine	100	400
ST006-00		Steel Curtain Hooks (1 1/2") (for bunks & doorways)	Gregg's Marine	2	8
ST006-00		Curtain Rod End Stop		1	2
ST006-00	1/4NFNUT188	1/4-28 NF Hex Nut S/S	Western Equipment Ltd.	30	90
ST006-00	1/4X1NF188	1/4-28 X 1 NF Cap Screw S/S	Western Equipment Ltd.	30	90
ST006-00	2039CH (Use 2nd Alt)	Door Holdback c/w Cushion Chrome	Payne's Marine Supplies	3	13
ST006-00	53491	Clevis Pin 3/8" DIA X 3 1/2" Len, 5/32" Hole Dia	Lawson Products Inc.	5	20
ST006-00	79156592	Spring Clip for GMP (Fluorescent Light)	Consumable Catalogue	20	60
ST006-00	9.904887.3	Loctite 542	Wartsila Canada Inc.	3	10
ST006-00	DYL 22885	Retainer Ring Internal .938 Dia	Consumable Catalogue	4	18
ST006-00	DYL 22885	Retainer Ring Internal .938 Dia	Consumable Catalogue	3	13
ST006-00	GU634XKA101	Guard Brass Padlock 1 1/2"	Consumable Catalogue	1	5
ST006-00	HJK5705-306	Hitch Pin (Fire Extinguisher Bracket)	Western Equipment	20	69
ST006-00	I-Glide- 7770	Curtain Hook Glide Metal, (I-Glide Roller)		100	400
ST006-00	I-Glide- 7770	Curtain Hook Glide Metal, (I-Glide Roller)		15	48
ST006-00	K5-2811-52	Keeper Plate (for PC 0021)	Rush Electronics Ltd.	1	5
ST006-00	K5-2856-52	Latch Flat Cam	Consumable Catalogue	1	5
ST006-00	MSARTEK	Door Key Blank	Consumable Catalogue	4	19
ST006-00	PT2	PULL THE TWO SEALS		500	5500
ST006-00	Various Swagelock	Kit - Swagelock Fittings Assorted	Van Isle Water Services	1	2
ST007-00		O-ring for #20 blue Water Filter	Van Isle Water Services Ltd	5	20
ST007-00		O-ring for #20 blue Water Filter	Van Isle Water Services Ltd	1	2
ST007-00	10" x 14 3/4"	Mac 2 Filter	Johnson Controls L.P.	3	10
ST007-00	10" x 14 3/4"	Mac 2 Filter	Johnson Controls L.P.	1	4
ST007-00	150166	#20 Blue V/H W/PR Water Filter		3	13
ST007-00	15563443	EPM-10 Carbon Block (5 Micron) (CIP Tank)	Van Isle Water Services Ltd	15	48
ST007-00	16202SC40 p/n FLG10384	16x20x2 Pleated Filters	FILTRATION PLUS	7	24
ST007-00	16252SC40 p/n FLG10386	16x25x2 Pleated Filters	Filtration Plus Limited	20	64
ST007-00	20201SC40 p/n FLG10375	20x20x1 Pleated Filters (MAC 1 Unit)	Filtration Plus Limited	30	105
ST007-00	470-008-61	Air Filter	WARTSILA DIESEL	1	2
ST007-00	CC5C	Coconut Shell Carbon Filter	Waterite Technologies Ltd	3	14
ST007-00	FMM 600 (West Coast P/N)	Alternator Filter	Troy Electric Sales	40	126
ST007-00	MAC 2 9 3/4 x 13	MAC 2 Filter	Consumable Catalogue	2	10
ST007-00	SV-HP2 or 78-8005-5350-1	Type 2 Filter(Polypropylene Housing) 3M U/O Electronic Vacuum Cleaner		2	11
ST008-00	18233-G	Fuse 12A 690V	Ferraz Shawmut	5	20
ST008-00	OT30	Fuse, 30A, 250V, Class K5, 14 x 51mm	Gould Shawmut	1	5
ST008-00	PONC35	ONE TIME FUSE 35A 250V HRCII TYPE P	Consumable Catalogue	3	12

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ST009-00		Spanner, Open Jaw, 1/2 in (12.7mm) A/F		1	2
ST009-00		Spanner, Open Jaw, 2BA (5/16in or 7.94mm) A/F		1	2
ST009-00	02-906	LIPS Lamp Extractor Tool	TROY ELECTRIC	2	10
ST009-00	700-004.0	Standard Rubber Bulb Extractor Tool	TROY ELECTRIC	1	3
ST009-00	98-968	Metallic LIPs Panel Button Extraction Tool	TROY ELECTRIC	1	2
ST009-00	LFK590GM	Plumb bob	Consumable Catalogue	1	3
ST009-00	R222-MS	Lamp Extractor	ALBRITE LIGHTING LTD	2	7
ST010-00		Red T12 Tube Guard (fit F20T10) with End Caps	Albrite Lighting Ltd	10	35
ST010-00	1157	Bulb 12V, RHIB Running Lights	CAPITAL IRON & METAL LTD.	2	8
ST010-00	25T8/CL/DC 130V	Bulb Dbl Bayonet U/O Chart Table Lamp	ALBRITE LIGHTING LTD	10	34
ST010-00	AS-9040048700	Lamp, Tungsten Halogen, 28V, 200W, Liferaft Station	Jastram Technologies Ltd.	1	5
ST010-00	BF321-UO-024B	Orange LED 24V for MCR Console	Albrite Lighting Ltd	4	16
ST010-00	BF321-OAG-024B	Green LED 24V for MCR Console	Consumable Catalogue	2	8
ST010-00	J130V500W	Halogen 500w 130v Lamp 4.5 inch	Iwasaki	4	16
ST010-00	LED2A15W/TP	2.5W 120V LED A15 SHAPE 80 LUMENS 12000 HRS	Albrite Lighting Ltd	3	12
ST010-00	MT-992007	Tombstone SAT Rotary Lock BI Pin Sockets 80-1246	Albrite Lighting Ltd	3	12
ST010-00	Q500T3/CL/7" 130V	Bulb Halogen 130V IWASAKI		2	11
ST010-00	Q50T3/79MM	USHIO Bulb Halogen, 120V, 50W		4	17
ST010-00	RADIAC Q200T4/CL/DE-6.6A	Halogen Bulb 200W, 6.6A, U/O Norselight Floodlights Diver Posn		4	19
ST010-00	SP-1246-654	Double Allround White Navigation DHR	Troy Electric Sales & Service Ltd.	1	3
ST011-00	7E0758	DIESEL FUEL ANALYSIS KIT		2	10
ST011-00	LHMF-300/1-SKF	SKF Mounting Fluid (1 litre container) for LIPS Tool Kits	Western Equipment	1	3
ST013-00		2" Check valve (Praher)	Caird Mechanical Contractors Ltd	1	5
ST013-00		Vest, Green	Pete's Tent & Awning Ltd	2	7
ST013-00		Vest, Red	Pete's Tent & Awning Ltd	2	7
ST013-00		Thyristor/SCR Cooler Inlet Orifice Plate 1/8" thick, 316 S.S. 7/8" I.D.	Consumable Catalogue	2	11
ST013-00	#1	Deployment Pack Up Kit with Service Provider Tool Box	SNC-Lavalin Defence Programs Inc	1	1
ST013-00	#2	Deployment Pack Up Kit with Service Provider Tool Box	SNC-Lavalin Defence Programs Inc	1	1
ST013-00	10110LK	Rotary Switch	WESCO Distribution - Canada Inc	1	4
ST013-00	10231	Radiator Caps (16 Lb)(Expansion Tank)	Esquimalt Auto Parts	3	11
ST013-00	10mm	572 Plate, CAS G40.21 350WT (96" x 480")	Chapel Steel Canada Ltd.	2	5
ST013-00	10mm	572 Plate, CAS G40.21 350WT (96" x 480")	Chapel Steel Canada Ltd.	0.5	0.96
ST013-00	151867-1	Protective Cap, Plug	WESCO Distribution - Canada Inc	2	7

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ST013-00	1T02GA0US0	TK-332 Toner Kit, KYOCERA, FS-4000 DN	Emery Electric Ltd.	2	9
ST013-00	2.521877.2	SEAL 14.5 CU	Wartsila Canada Inc.	30	120
ST013-00	201-15BWC4	1 1/2" Brass Cap with Chain	Acklands - Grainger Inc.	1	3
ST013-00	3" to 2.5"	Reducer, Camlock, Fuel Embarkation, (Female on the 3")	Caird Mechanical Contractors Ltd	1	2
ST013-00	4 76mm	36 Plate, 300WT CAT4 (96" x 480")	Chapel Steel Canada Ltd.	1	4
ST013-00	4 76mm	36 Plate, 300WT CAT4 (96" x 480")	Chapel Steel Canada Ltd.	1	1
ST013-00	4" to 2.5"	Reducer, Camlock, (Male Camlock on 4" end)	Caird Mechanical Contractors Ltd	1	2
ST013-00	4" to 2.5" Female	Reducer, Camlock, (Female camlock on both ends)	Caird Mechanical Contractors Ltd	1	2
ST013-00	5mm	572 Plate, CSA G40.21 350WT (96" x 480")	Chapel Steel Canada Ltd.	3	10
ST013-00	5mm	572 Plate, CSA G40.21 350WT (96" x 480")	Chapel Steel Canada Ltd.	1	1
ST013-00	6.5mm	36 Plate, 300WT CAT4 (96" x 480")	Chapel Steel Canada Ltd.	2	7
ST013-00	6.5mm	36 Plate, 300WT CAT4 (96" x 480")	Chapel Steel Canada Ltd.	0.3	0.79
ST013-00	7mm	572 Plate, CAS G40.21 350WT (96" x 480")	Chapel Steel Canada Ltd.	2	7
ST013-00	7mm	572 Plate, CAS G40.21 350WT (96" x 480")	Chapel Steel Canada Ltd.	0.3	0.82
ST013-00	8mm	572 Plate, CSA G40.21 350WT (96" x 480")	Chapel Steel Canada Ltd.	2	6
ST013-00	8mm	572 Plate, CSA G40.21 350WT (96" x 480")	Chapel Steel Canada Ltd.	1	1
ST013-00	9932330	Lock Wire, SST, Roll	Fastenal Canada	1	2
ST013-00	9mm	572 Plate, CAS G40.21 350WT (96" x 480")	Chapel Steel Canada Ltd.	2	5
ST013-00	9mm	572 Plate, CAS G40.21 350WT (96" x 480")	Chapel Steel Canada Ltd.	0.5	0.95
ST013-00	BDY 76308	TAPE REFL STRIPE 2X5YD BLK/YW	Acklands Grainger	1	2
ST013-00	GKT5001	Gasket	WESCO Distribution - Canada Inc	10	32
ST013-00	Green Paddle	Green Paddle	United Engineering Ltd	2	7
ST013-00	INX3181	Rotary Switch, Pauluhn	WESCO Distribution - Canada Inc	2	8
ST013-00	INX3192	Cooper Pauluhn Rotary Switch	WESCO Distribution - Canada Inc	1	4
ST013-00	J-Bolt	J-Bolt	United Engineering Ltd	1	3
ST013-00	Red Paddle	Red Paddle	United Engineering Ltd	2	7
ST014-00	SNC-2020LM-KIT	AC-2020LM-KIT Maintenance Kit	Automatic Coating Limited	1	1
ST014-00	SNC-AC-G21P	G21P Gun with 2:1 Plunger	Automatic Coating Limited	1	2
ST015-00	92500	Thermal Fax Paper 98 ft x 8.5" for Tellular Fax Sharp UX-108	GRAND & TOY	2	8
ST015-00	TP10650	AldEN Weather FAX Paper	EASTPORT MARINE	1	3
ST016-00		Towing Hawser(180 meter in total length, 48MM Samson Polytron)	Samson Rope	1	1
ST016-00		Towing Hawser(180 meter in total length, 48MM Samson Polytron)	Samson Rope	1	1
ST016-00	12 per Set	Chaffing Guards for 30mm Line (Berthing Lines)	Pete's Tent & Awning Ltd	1	3
ST016-00	ROPE1-4Q12100M	1-1/4" Q12MD 100M OAL with 5"CEEE Hawser Mooring Rope	TROTAC Marine Ltd	1	4

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Min	Max
ST016-00	ROPE8PY	1/2" Polypropylene Yellow	Consumable Catalogue	50	200
ST017-00	5315198	Ameroid MSD-Pak (10 Kilo)	DREW CHEMICAL	20	65
ST017-00	7023324	Bostic Anti-Seize/Never -Seez (Aerosol)	B053/USA(1) Bostik	1	2
ST017-00	Cat. 14812-53	Acid Solution: 0.1N Normal Hydrochloric Acid for Gerin Oil Test Kit (60ml)	Van Isle Water Services	2	7
ST017-00	MN1	Chemical-NitriteTest Indicator U/O NALFLEET Test Kit	Wartsila Canada Inc.	1	5
ST017-00	MN2	Chemical-Nitrite-Titrant U/O NALFLEET Test Kit	Wartsila Canada Inc.	2	8
ST017-00	PAL/AK0311	DPD #3 Tablets 250 per box	Van Isle Water Services Ltd	50	250
ST017-00	TAY/TABDPD1 (1 pack of 10 tabs)	DPD #1 packet of 10 tablets (Fresh Water Test Tablets)	Van Isle Water Services Ltd	15	50
ST018-00	KMB06001-20	Kimtuff Wipes (6 Rolls per Box)	Acklands - Grainger Inc.	1	3
ST018-00	KMB41455.50	WYPALL Popup White	Consumable Catalogue	1	2
ST019-00	1329467	243 Loctite (50ml)	Consumable Catalogue	1	3
ST019-00	4C-9297	Coolant Conditioner Test Kit	Finning Power Systems	2	10
ST019-00	LFK1293SM590N	Dip Tape 15M Oil Gauge Nubian	Acklands - Grainger Inc.	1	3
ST019-00	PL/DZL006DH	Photometer Test Lab Pool Test 6	Van Isle Water Services Ltd	1	3
ST019-00	TP-K02	TES Digital Thermometer		1	3
ST020-00	PS2267	Galley Sink Basket Strainer 2" Universal Fit		1	3
ST020-00	PS2278	Sink Stopper Flat - Galley		1	2
ST020-00	PS2294	SINK BASIN PLUG 1 1/2"	Capital Iron & Metal Ltd.	3	10
ST020-00	PS2294	SINK BASIN PLUG 1 1/2"	Capital Iron & Metal Ltd.	1	2
ST020-00	PS2299	BEADED CHAIN 11" FOR BASIN PLUG	Capital Iron & Metal Ltd.	1	2
ST020-00	PSB2263 F	Galley Sink Basket Strainer - Snap-In Type		1	2

Annex F – Ship Structural Integrity (SSI)

The following is a snapshot as of May 2019 and can change depending upon the operational needs of the RCN.

1. General

- 1.1. The Ship Structural Integrity program has been in effect in the KINGSTON Class since their commissioning into service. Only the KINGSTON Class is in the program.
- 1.2. The SSI certificate is a Contract Data Requirements List (CDRL) under the MWAV ISS contract.
- 1.3. The ISS contractor prepares the certificate and its supporting documentation typically within six months on completion of the five-yearly docking work period.

2. KINGSTON Class Statements of Structural Integrity

- 2.1. The following is an example of an SSI summary document. The SSI is comprised of three periodic surveys required for maintenance to class. These are Annual surveys, the 30-monthly intermediate surveys, and the 60-monthly special surveys which are described in detail in Sections 2 (ACS), 3 and 4 (30M), and 5 (60M) of the Reference.
Three periodic structural surveys are performed on the KINGSTON Class vessels in accordance with LR regulations:
 - a. Annual Condition Surveys (ACS) include general inspections and tests of ship systems, waterproof hatches and bulkheads, ship paint and markings, and accessible compartments within the ship;
 - b. In-Water Surveys (IWS) and salt water ballast tank inspections satisfy the requirements of LR 30-monthly intermediate surveys and docking surveys; and
 - c. 60-monthly preventive maintenance routines and docking satisfy the requirements of LR Special Survey (1) for Hull.

Reference: Lloyd’s Rules for the Classification of Ships Part 1, Chapter 3 (Changing to ABS standards)

- 2.2. Summary of example for HMCS Glace Bay as provided by the contractor.

Annual Condition Surveys – The annual surveys of HMCS GLACE BAY conducted over the five years of 2012 to 2016 show the vessel to be well maintained and generally in good condition.

Intermediate In-Water Survey – The IWS was performed by Connor’s Diving Services on 11 September 2013. The IWS found the ship’s hull and underwater fittings to be satisfactory, anode wastage was minimal, and the presence of marine growth was minimal to non-existent.

Special Survey for Hull –The latest SSI report 16-004 states that “All structure where examined was considered to be in accordance with acceptable standards as per an IACS equivalent classification society’s rules and regulations for a vessel of this age and type”. Report 16-019 states “...the vessel’s structure with applicable coatings was in good overall condition for its age,

and found to be in accordance with acceptable standards as per an IACS equivalent classification society's rules and regulations for a vessel of this type and age.”

Recommendation

The contractor recommended that an unrestricted Statement of Structural Integrity (SSI) be issued for HMCS GLACE BAY based upon the above surveys and identified repairs to the identified defects, as well as a review of maintenance records.

SSI Report Dates

Vessel	Year of Report	Next Report Due
GLACE BAY	2016	2021
GOOSE BAY	2013	2018
KINGSTON	2015	2020
MONCTON	2014	2019
SHAWINIGAN	2017	2022
SUMMERSIDE	2014	2019
BRANDON	2014	2019
EDMONTON	2015	2020
NANAIMO	2016	2021
SASKATOON	2014	2019
WHITEHORSE	2017	2022
YELLOWKNIFE	2017	2022

Annex G – PM Routine / PM Schedule

The following table is a snapshot as of May 2019 and can change depending upon the operational needs of the RCN.

1. General

This Annex is a query from MIS dated May 2019. The planned maintenance (PM) has shown in the following table listed the required PM routines for the Contractor as well as the Ship's Staff.

PM Schedule for Contractor drawn from MIS dated May 2019 (PMS2)

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
EA001-00	Propulsion Alternator	INSULATION MEASUREMENT	6M	IN PORT	INSPECTION	N
EA001-00	Propulsion Alternator	LUBRICATE/INSPECTION	12M	IN PORT	LUBRICATION	N
EA001-00	Propulsion Alternator	Survey and Inspect	60M	IN PORT	SURVEY	N
EA001-00	Propulsion Alternator	OVERHAUL Propulsion Alternator		IN PORT/DOCK	OVERHAUL	N
EA001-00	Propulsion Alternator	Overhaul Propulsion Alternators AFT		IN PORT	OVERHAUL	N
EA001-00	Propulsion Alternator	Overhaul Propulsion Alternators FWD		IN PORT	OVERHAUL	N
EA002-00	Main Power & Propulsion Switchboard	Calibrate Meters/Transducers	60M	IN PORT	INSPECT	N
EA002-01	Main Power & Propulsion Switchboard Diesel Alternator Section	SWITCHBOARD CHECKS	12M	IN PORT	INSPECTION	N
EA002-01	Main Power & Propulsion Switchboard Diesel Alternator Section	SURVEY INSPECTION AND TEST	60M	IN PORT	INSPECTION	N
EA002-01	Main Power & Propulsion Switchboard Diesel Alternator Section	Overhaul Switchboard/ DA Section	120M	IN PORT	INSPECTION & MAINTENANCE	N
EA002-02	Main Power & Propulsion Switchboard Synchronization Section	SWITCHBOARD CHECK	12M	IN PORT	INSPECT	N
EA002-02	Main Power & Propulsion Switchboard Synchronization Section	INSPECTION AND TEST	60M	IN PORT	INSPECTION	N
EA002-03	Main Power & Propulsion Switchboard Port Distribution Section	SWITCHBOARD CHECKS	12M	IN PORT	INSPECTION	N
EA002-03	Main Power & Propulsion Switchboard Port Distribution Section	SURVEY INSPECTION AND TEST	60M	IN PORT	INSPECTION	N
EA002-04	Main Power & Propulsion Switchboard Shore Supply Section	SWITCHBOARD CHECKS	12M	IN PORT	INSPECT	N
EA002-04	Main Power & Propulsion Switchboard Shore Supply Section	SURVEY INSPECTION AND TEST	60M	IN PORT	INSPECTION	N
EA002-05	Main Power & Propulsion Switchboard Starboard Distribution Sect	SWITCHBOARD CHECKS	12M	IN PORT	INSPECTION	N
EA002-05	Main Power & Propulsion Switchboard Starboard Distribution Sect	SURVEY INSPECTION AND TEST	60M	IN PORT	INSPECTION	N
EA003-00	Propulsion Thyristor Drives	INSPECT SCR/TEST INSULATION	6M	IN PORT	INSPECTION	N
EA003-00	Propulsion Thyristor Drives	Checks/Calibration	60M	IN PORT	INSPECTION	N
EA004-00	Propulsion Motor	INSPECT/LUBRICATE/CLEAN/TIGHTEN	6M	IN PORT	INSPECTION	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
EA004-00	Propulsion Motor	INSPECT/ LUBRICATE/CLEAN/TIGHTEN	12M	IN PORT	INSPECTION	N
EA004-00	Propulsion Motor	TWO YEARLY INSPECTION	24M	IN PORT	INSPECTION	N
EA004-00	Propulsion Motor	OVERHAUL Propulsion Motor		IN PORT/DOCK	MAJOR OVERHAUL & INSPECTION	N
EA004-00	Propulsion Motor	Overhaul Propulsion Motor, Cooling Fans and Motors		IN PORT	OVERHAUL	N
EA006-00	SCR UPS	SCR UPS	6M	IN PORT	INSPECT & TEST	N
EA006-00	SCR UPS	SCR UPS	36M	IN PORT	REPLACE/TEST /INSPECT	N
EA009-00	Thruster Control Panel Assembly	CHECK AND CLEAN	24M	IN PORT	CHECK	N
EA010-00	Bridge Thruster Main Panel Assembly	CHECK AND CLEAN	24M	IN PORT	CHECK	N
EA011-00	Bridge Wing Thruster Control Panel Assembly	CHECK AND CLEAN	12M	IN PORT	CHECK	N
EA012-00	Secondary Steering Control Panel	CHECK AND CLEAN	24M	IN PORT	CHECK	N
EA013-00	Azimuth Electronic System	REPLACE AND ADJUST	60M	IN PORT	REPLACE & ADJUST	N
EA013-01	Azimuth Electronic System LIPs Control Panel	LIPS Control Panels	60M	IN PORT	CLEAN/TEST	N
EA014-04	Supervisory Controller (MCR) DA Local Operating Panels (LOP)	Calibrate Diesel LOP Gauges	12M	IN PORT	INSPECT & CALIBRATE	N
EA014-04	Supervisory Controller (MCR) DA Local Operating Panels (LOP)	Test/Calibrate Sensor/Transducer	60M	IN PORT	INSPECT & CALIBRATE	N
EA016-00	PGSCS UPS	CLEAN/TEST PGSCS UPS	6M	IN PORT	TEST	N
EA016-00	PGSCS UPS	REPLACE BATTERIES AND 6M	36M	IN PORT	ROUTINE SERVICE	N
EA018-00	Primary Cooling Pump - Electric Motor	CLEAN, EXAMINE and TEST MOTOR	30M	IN PORT	CHECK	N
EA019-00	Standby Cooling Pump - Electric Motor	CLEAN, EXAMINE and TEST MOTOR	30M	IN PORT	CHECK	N
EA020-00	Integrated Fire And Damage Monitoring System	BI-YEARLY IFDMS INSPECTION	6M	IN PORT	INSPECTION	Y
EA023-00	Autopilot	TEST AUTOPILOT		IN PORT	TEST	N
EA024-00	Machinery Control Room Console	MCR Console	60M	IN PORT	INSPECT & CLEAN	N
EA027-00	Liquid Level Indicators (Electrical Transmitters)	SYSTEM CHECKS	12M	ANY	TEST	N
EA030-00	600V Propulsion System Wiring	Survey & Insulation Check	60M	Anywhere	SURVEY	N
EA031-00	Z Drive Primary Hydraulic Steering Motors	CLEAN, EXAMINE and TEST MOTOR		IN PORT	CHECK	N
EA031-00	Z Drive Primary Hydraulic Steering Motors	Motor Bearing & Insulation Check	30M	IN PORT	INSPECTION	N
EA032-00	Z Drive Secondary Hydraulic Steering Motors	CLEAN, EXAMINE and TEST MOTOR	30M	IN PORT	CHECK	N
EA033-00	Z Drive Lube Oil Cooling Motors	CLEAN, EXAMINE and TEST MOTOR	30M	IN PORT	CHECK	N
EA906-00	SCR UPS	TEST UPS	6M	IN PORT	TEST	N
EA906-00	SCR UPS	Replace Batteries/Test UPS	36M	IN PORT	REPLACE/TEST /INSPECT	N
EA929-00	Central Alarm And Monitoring System	SERVICE CAMS	12M	IN PORT	ROUTINE SERVICE	N
EA929-02	Central Alarm And Monitoring System CAMS UPS	CLEAN/TEST CAMS UPS	6M	IN PORT	TEST	N
EA929-02	Central Alarm And Monitoring System CAMS UPS	REPLACE BATTERIES/CLEAN/TEST	36M	IN PORT	TEST	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
EB002-00	Portable Transfer Pump - Electric Motor	CLEAN, EXAMINE AND TEST MOTOR	24M	IN PORT	CHECK	N
EB003-00	Dirty Oil Pump - Electric Motor	CLEAN, EXAMINE and TEST MOTOR	24M	IN PORT	CHECK	N
EB005-00	Oily Water Separator Control Box Assembly	CLEAN AND CHECK	24M	IN PORT	CHECK	N
EB006-00	Oily Water Separator Motor	CLEAN, EXAMINE and TEST MOTOR	24M	IN PORT	CHECK	N
EC003-00	Primary Transfer Pump - Electric Motor	CLEAN, EXAMINE and TEST MOTOR	30M	IN PORT	CHECK	N
EC005-00	F.O. Purifier Feed Pump - Electric Motor	CLEAN, EXAMINE and TEST MOTOR	30M	IN PORT	CHECK	N
EC006-00	F.O. Purifier - Electric Motor	CLEAN, EXAMINE and TEST MOTOR	30M	IN PORT	CHECK	N
EC007-00	F.O. Purifier - Control Panel	CLEAN AND CHECK	30M	IN PORT	CHECK	N
EC009-00	F.O. Boost Pump - Control Panel	CLEAN AND CHECK	24M	IN PORT	INSPECT	N
EC010-00	F.O. Boost Pump - Motor	CLEAN, EXAMINE and TEST MOTOR	24M	IN PORT	CLEAN	N
ED002-00	Air Compressor Electric Motor	CLEAN, EXAMINE and TEST MOTOR	30M	IN PORT	CHECK	N
EE002-02	Cathodic Protection Cathelco Antifouling	60M Maintenance	60M	IN PORT/DOCK	REPLACE	N
EE003-00	General Service Pump - Electric Motor	CLEAN, EXAMINE and TEST MOTOR	30M	IN PORT	CHECK	N
EE004-00	Hull and Fire Pump - Electric Motor	CLEAN, EXAMINE and TEST MOTOR	30M	IN PORT	CHECK	N
EE005-00	Hull & Fire Pump - Control Panel	SERVICE CONTROLLER	24M	IN PORT	ROUTINE SERVICE	N
EF003-00	Reverse Osmosis Feed Pump - Electric Motor 5hp	CLEAN, EXAMINE AND TEST MOTOR	24M	IN PORT	CHECK	N
EF005-00	Reverse Osmosis Process Pump - Electric Motor	CLEAN, EXAMINE AND TEST MOTOR	24M	IN PORT	CHECK	N
EF007-00	Reverse Osmosis - Control Panel	CHECK AND SERVICE	12M	IN PORT	CHECK	N
EF010-01	Bromine Injection System CONTROL CENTRE	24Monthly Clean & Inspect	24M	IN PORT	INSPECT & CLEAN	N
EF010-02	Bromine Injection System PUMP MOTOR	24Monthly Clean & Examine	24M	IN PORT	CLEAN & CHECK	N
EF011-00	F.W. Pressure Set Pump - Electric Motor	CLEAN, EXAMINE AND TEST MOTOR	12M	IN PORT	CHECK	N
EF012-00	Calorifier (FW)	CHECK SETTINGS AND SECURITY	12M	IN PORT	CHECK	N
EF013-00	F. W. Pressure Set - Control Panel	CLEAN AND CHECK	12M	IN PORT	CHECK	N
EG002-00	Bilge Pump Electric Motor	CLEAN, EXAMINE and TEST MOTOR	30M	IN PORT	CHECK	N
EG003-00	Bilge Pump - Control Panel	SERVICE CONTROLLER	12M	IN PORT	ROUTINE SERVICE	N
EH001-01	Sewage System Electrics & Cams Interface Control Panel	Service Control Panel	12M	IN PORT	ROUTINE SERVICE	N
EH002-00	Circ Pump - Electric Motor	CLEAN, EXAMINE and TEST MOTOR	12M	IN PORT	CHECK	N
EH003-00	Macerator Pump Motor	Clean, Examine and Test Motor	12M	IN PORT	CHECK	N
EH003-00	Macerator Pump Motor	Clean, Examine and Test Motor	60M	IN PORT	INSPECTION	N
EH004-00	Effluent Discharge Pump - Electric Motor	CLEAN, EXAMINE and TEST MOTOR	12M	IN PORT	CHECK	N
EH005-00	Air Blower - Electric Motor	Clean, Examine and Test Motor	12M	IN PORT	INSPECTION	N
EH005-00	Air Blower - Electric Motor	Clean, Examine and Test Motor	60M	IN PORT	INSPECTION	N
EH006-00	Grey Water Pump - Electric Motor	CLEAN, EXAMINE and TEST MOTOR	12M	IN PORT	CHECK	N
EH007-00	Hydrogen Sulphide (H2S) Gas Detector System	H2S Gas Detector System	4M	IN PORT	INSPECT & TEST	N
EH007-00	Hydrogen Sulphide (H2S) Gas Detector System	Verify System Operation	12M	IN PORT	VERIFY	Y

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
EI001-00	Mark 21 Data Acquisition System (Bathy)	Service/Test	12M	At Base	SERVICE/TEST	N
EI004-02	MCDV OPS Room System (MORS) Multi Function Console (MFC) No. 1 (OPS Rm)	Clean/Inspect/Test	12M	IN PORT	CLEAN/TEST	N
EI004-03	MCDV OPS Room System (MORS) Multi Function Console (MFC) No. 2 (OPS Rm)	Clean/Inspect/Test	12M	IN PORT	CLEAN/TEST	N
EI004-04	MCDV OPS Room System (MORS) Multi Function Console (MFC) No. 3 (OPS Rm)	Clean/Inspect/Test	12M	IN PORT	CLEAN/TEST	N
EI004-06	MCDV OPS Room System (MORS) Video Switching System	Clean/Test	12M	IN PORT	CLEAN/TEST	N
EI004-06	MCDV OPS Room System (MORS) Video Switching System	Clean/Test	12M	IN PORT	CLEAN/TEST	N
EI004-07	MCDV OPS Room System (MORS) Computer Rack	Clean/Test	12M	IN PORT	CLEAN/TEST	N
EI004-09	MCDV OPS Room System (MORS) Multi Function Console (MFC) No. 1 (Bridge)	Inspect	6M	IN PORT	INSPECT	N
EI005-00	Broadband Acoustic Tracking System (BATS)	Clean/Test	12M	IN PORT	CLEAN/TEST	N
EI006-00	Through-hull Deployment System (tds)	SERVICE DEPLOYMENT SYSTEM		IN PORT	LUBRICATION	N
EI006-00	Through-hull Deployment System (tds)	YEARLY SERVICING	12M	IN PORT	ROUTINE SERVICE	N
EI006-00	Through-hull Deployment System (tds)	SERVICING	60M	IN PORT	ROUTINE SERVICE	N
EI006-00	Through-hull Deployment System (tds)	DOCKING MAINTENANCE		IN PORT	SURVEY	N
EI007-00	Degaussing System	24 Monthly Clean, Check & Survey	24M	IN PORT	INSPECT & SURVEY	N
EI901-00	Oceanographic System	SERVICE BATHY INFO SYSTEM		IN PORT	ROUTINE SERVICE	N
EI904-01	Mine Warfare Control System Ecpins (TACCON) Desk Console	TEST/INSPECT ECPINS DESK CONSOLE		IN PORT	TEST	N
EI904-01	Mine Warfare Control System Ecpins (TACCON) Desk Console	INSPECT/RECHARGE BATTERIES		IN PORT	INSPECTION	N
EI904-02	Mine Warfare Control System Bridge Slave Assembly	TEST/INSPECT SLAVE DISPLAY		IN PORT	TEST	N
EI904-03	Mine Warfare Control System Data Analysis Console Assem	INSPECT/RECHARGE BATTERIES		IN PORT	INSPECTION	N
EI904-03	Mine Warfare Control System Data Analysis Console Assem	TEST DATA ANALYSIS CONSOLE ASSY		IN PORT	TEST	N
EI904-04	Mine Warfare Control System Data Analysis Computer Rack	INSPECT/RECHARGE BATTERIES		IN PORT	INSPECTION	N
EI904-04	Mine Warfare Control System Data Analysis Computer Rack	TEST/INSPECT MWCS COMPUTER RACK		IN PORT	TEST	N
EI905-01	Acoustic Positioning System (APS) Command/Display Module	CLEAN MONITOR AND HYDROPHONE		IN PORT	CHECK	N
EI905-04	Acoustic Positioning System (APS) Hydrophone Cable	Clean Monitor and Hydrophone		IN PORT	CLEANING	N
EI907-00	Degaussing System	TEST SERVICEABILITY	12M	IN PORT	TEST	N
EI907-00	Degaussing System	SURVEY & INSULATION	60M	IN PORT	SURVEY	N
EK001-00	Motor Alternator	SERVICE & INSULATION TEST		IN PORT	ROUTINE SERVICE	N
EK001-00	Motor Alternator	SERVICE MOTOR ALTERNATOR		IN PORT	ROUTINE SERVICE	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
EK001-00	Motor Alternator	INSPECT/TEST MOTOR ALTERNATOR	12M	IN PORT	INSPECTION	N
EK001-00	Motor Alternator	SERVICE MOTOR ALTERNATOR	60M	IN PORT	INSPECTION	N
EK001-00	Motor Alternator	OVERHAUL MOTOR ALTERNATOR		IN PORT	MAJOR OVERHAUL	N
EK001-00	Motor Alternator	Overhaul and Removal		IN PORT	OVERHAUL	N
EK002-00	Auxiliary Alternator	SERVICE THE AUXILIARY ALTERNATOR	12M	IN PORT	ROUTINE SERVICE	N
EK002-00	Auxiliary Alternator	SURVEY & 6M SERVICE	60M	IN PORT	SURVEY	N
EK002-01	Auxiliary Alternator LOP	60M Calibration of Gauges	60M	IN PORT	CALIBRATE	N
EK002-01	Auxiliary Alternator LOP	Occasional Checking of LOP Gauges		IN PORT	CHECK	N
EK003-00	Emergency Alternator	SERVICE & LUBRICATE BEARINGS	12M	IN PORT	ROUTINE SERVICE	N
EK003-00	Emergency Alternator	SURVEY & 6M SERVICE	60M	IN PORT	SURVEY	N
EK003-01	Emergency Alternator LOP	60Monthly Calibration	60M	IN PORT	CALIBRATE	N
EK004-00	Shore Supply Connection Box	TEST & INSPECT	6M	IN PORT	TEST	N
EK005-00	Ship Service Switchboard	SWITCHBOARD CHECKS	12M	IN PORT	TEST	N
EK005-00	Ship Service Switchboard	SURVEY INSPECTION AND TEST	60M	IN PORT	SURVEY	N
EK005-06	Ship Service Switchboard 115V Power Distribution	INSPECT RECEPTACLES	6M	IN PORT	INSPECT	N
EK006-00	Emergency Switchboard	SWITCHBOARD CHECKS	12M	IN PORT	TEST	N
EK006-00	Emergency Switchboard	SURVEY INSPECTION AND TEST	60M	IN PORT	SURVEY	N
EK007-00	Deck & Auxiliary Power Distribution Panel	CLEAN AND CHECK PDP	24M	IN PORT	CHECK	N
EK008-00	Power Distribution Panel 450 Volt	CLEAN AND CHECK PDP	24M	IN PORT	CHECK	N
EK009-00	Workshop Distribution Panel	CLEAN AND CHECK PDP	24M	IN PORT	CHECK	N
EK010-00	Heating Distribution Panel	CLEAN AND CHECK PDP	24M	IN PORT	CHECK	N
EK011-00	Galley Power Distribution Panel	CLEAN AND CHECK PDP	24M	IN PORT	CHECK	N
EK012-00	Heating Distribution Panel	CLEAN AND CHECK PDP	24M	IN PORT	CHECK	N
EK013-00	Miscellaneous Heating Panel	CLEAN AND CHECK PDP	24M	IN PORT	CHECK	N
EK014-00	Normal Lighting Panel	CLEAN AND CHECK PDP	24M	IN PORT	CHECK	N
EK015-00	Miscellaneous Pdp	CLEAN AND CHECK PDP	24M	IN PORT	CHECK	N
EK016-00	CCR Pdp	CLEAN AND CHECK PDP	24M	IN PORT	CHECK	N
EK017-00	Emergency Miscellaneous Pdp # 1	CLEAN AND CHECK PDP	24M	IN PORT	CHECK	N
EK018-00	Emergency Lighting Panel	CLEAN AND CHECK PDP	24M	IN PORT	CHECK	N
EK019-00	OER Pdp	CLEAN AND CHECK PDP	24M	IN PORT	CHECK	N
EK020-00	Navigation Lighting Panel	'L' CHECK AND CLEAN	12M	IN PORT	CHECK	N
EK020-00	Navigation Lighting Panel	SURVEY/CHECK AND CLEAN	24M	IN PORT	SURVEY	N
EK021-00	Bridge Pdp	CLEAN AND CHECK PDP	24M	IN PORT	CHECK	N
EK022-00	CER Pdp	CLEAN AND CHECK PDP	24M	IN PORT	CHECK	N
EK023-00	115v Isolated Pdp	CLEAN AND CHECK PDP	24M	IN PORT	CHECK	N
EK024-00	450/115v Normal Lighting & Misc. Power Transformer	SUR/INSPECT TRANSFORMER		At Base	SURVEY	N
EK024-00	450/115v Normal Lighting & Misc. Power Transformer	INSPECT TRANSFORMER	12M	ANY	INSPECTION	N
EK025-00	450/230v Commissary Power & Heating Transformer	SUR/INSPECT TRANSFORMER		ANY	SURVEY	N
EK025-00	450/230v Commissary Power & Heating Transformer	INSPECT TRANSFORMER	12M	ANY	INSPECTION	N
EK026-00	450/115v Emergency Lighting & Miscellaneous Transformer	SUR/INSPECT TRANSFORMER		At Base	SURVEY	N
EK026-00	450/115v Emergency Lighting & Miscellaneous Transformer	INSPECT TRANSFORMER	12M	ANY	INSPECTION	N
EK027-00	Isolated Power 115 V Transformer	SUR/INSPECT TRANSFORMER		At Base	SURVEY	N

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EK027-00	Isolated Power 115 V Transformer	INSPECT TRANSFORMER	12M	ANY	INSPECTION	N
EK028-00	600/450V Power Transformer	INSPECT TRANSFORMER	12M	ANY	INSPECTION	N
EK029-00	Battery - Emergency Diesel Starting	INSPECT EMERGENCY D/A STARTING	12M	IN PORT	INSPECTION	N
EK029-00	Battery - Emergency Diesel Starting	Replace Batteries/Inspect System	36M	IN PORT	REPLACE/TEST /INSPECT	N
EK030-00	Battery Charger - Aux/Emg Batteries	Clean and Check Connection		IN PORT	CLEAN	N
EK030-00	Battery Charger - Aux/Emg Batteries	Test Insulation	6M	IN PORT	CLEAN	N
EK031-00	Battery - Auxiliary Alternator Starting	INSPECT AUXILIARY D/A STARTING S	12M	IN PORT	INSPECTION	N
EK031-00	Battery - Auxiliary Alternator Starting	Replace Batteries/Inspect System	36M	IN PORT	REPLACE/TEST /INSPECT	N
EK032-00	Final Resource Power Distribution System	INSPECT FINAL RESOURCE PWR DISTR	24M	IN PORT	INSPECTION	N
EK033-00	Final Resource Batteries	MEASURE RESISTANCE	12M	IN PORT	TEST	N
EK033-00	Final Resource Batteries	Replace Batteries/Measure Resist	36M	IN PORT	REPLACE/TEST /INSPECT	N
EK034-00	Battery Charger for Final Resource Batteries	Clean and Check Connection		IN PORT	CLEAN	N
EK034-00	Battery Charger for Final Resource Batteries	INSPECT FINAL RESOURCE PWR DISTR	12M	IN PORT	INSPECTION	N
EK036-00	Distribution Panel - Final Resource	CLEAN AND CHECK PDP	12M	IN PORT	CHECK	N
EK037-01	Motor Control Center 450V Equipment	SERVICE THE MCC - 450V	12M	IN PORT	ROUTINE SERVICE	N
EK037-01	Motor Control Center 450V Equipment	SUR/SERVICE THE 450V MCC	60M	IN PORT	SURVEY	N
EK037-02	Motor Control Center 600V Equipment	SERVICE THE MCC - 600V	12M	IN PORT	ROUTINE SERVICE	N
EK037-02	Motor Control Center 600V Equipment	SUR/SERVICE THE 600V MCC	60M	IN PORT	SURVEY	N
EK038-00	Motor Alternator Starter	CLEAN AND CHECK	6M	IN PORT	CHECK	N
EK039-00	230/115 VAC Electrical Distribution System Wiring	Survey & Insulation Check	60M	IN PORT	SURVEY	N
EK040-00	600/450 VAC Electrical Distribution System Wiring	Survey & Insulation Check	60M	IN PORT	SURVEY	N
EK041-00	115V Lighting System Wiring	Survey & Insulation Check	60M	IN PORT	SURVEY	N
EK042-00	230/115V Galley & Laundry Transformers	Inspect Transformers	12M	ANY	INSPECTION	N
EK043-00	115/230V CER Transformers	Inspect Transformers	12M	ANY	INSPECTION	N
EK044-00	240/120V Accommodation Payload Transformer	Inspect Transformer	12M	ANY	INSPECTION	N
ER002-00	Main Whistle	TEST/INSPECT	6M	IN PORT	ROUTINE SERVICE	N
ER005-00	Magnetic Compass	TEST MAGNETIC COMPASS	12M	IN PORT	TEST	N
ER006-00	Speed Log System	TEST SPEED LOG SYSTEM	12M	IN PORT	TEST	N
ER006-00	Speed Log System	INSPECT SPEED LOG SYSTEM (AT DOC		DRY DOCK	INSPECTION	N
ER007-00	Digital Depth Sounder	Depth Sounder	12M	IN PORT	ROUTINE SERVICE	N
ER007-00	Digital Depth Sounder	Depth Sounder	60M	IN PORT	ROUTINE SERVICE	N
ER008-04	Metrological System Wind Speed/Direction Sensor	BEARING CHECK	24M	IN PORT	INSPECTION	N
ER011-00	Loran C Navigator	TEST/CALIBRATE LORAN C	12M	IN PORT	TEST	N
ER014-00	Shipboard Integrated Navigation and Display System	CHANGE UPS BATTERIES & SERVICE	36M	IN PORT	ROUTINE SERVICE	N
ER015-00	Clearview Screen	INSPECT CLEAR VIEW SCREEN	12M	IN PORT	INSPECTION	N
ER016-00	Window Wipers	12 MONTH CHECK	12M	IN PORT	INSPECTION	N

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ER018-00	RT146 VHF Radiotelephone	TEST RT146 TRANSCEIVER	12M	IN PORT	TEST	N
ER020-00	VHF Radiotelephone RT-2047	TEST RT 2047 TRANSCEIVER	12M	IN PORT	TEST	N
ER021-00	UHF Radio Communications Subsystem	TEST UHF RADIO COMMS	12M	IN PORT	TEST	N
ER021-00	UHF Radio Communications Subsystem	Replace Battery & Sys Servicing	60M	IN PORT	TEST	N
ER023-00	Radio Remote Comms. Control System	TEST RADIO REMOTE CONTROL SYSTEM	12M	IN PORT	TEST	N
ER024-00	Signalling Searchlight	Check and Lubricate	6M	IN PORT	SURVEY	N
ER025-00	Portable Hand Signalling Lantern	TEST PORTABLE SIGNAL LAMPS	12M	IN PORT	SURVEY	N
ER029-00	Communication Control & Monitoring Subsystem	COMM CONTROL MONITORING SYSTEM		IN PORT	TEST	N
ER030-00	Message Processing Subsystem	TEST MESSAGE PROCESSING SYSTEM		IN PORT	TEST	N
ER030-00	Message Processing Subsystem	Replace UPS Batteries	36M	IN PORT	ROUTINE SERVICE	N
ER034-00	Sound Powered Telephone System	INSPECT & CLEAN SYSTEM	6M	IN PORT	TEST	N
ER038-00	Main Intercom System	ROUTINE MAINT AND BATTERIES		At Base	SURVEY	N
ER038-00	Main Intercom System	INSPECT MAIN INTERCOM	12M	At Base	SURVEY	N
ER038-00	Main Intercom System	Test System/Replace Batteries	36M	IN PORT	SURVEY	N
ER039-00	Automatic Telephone Subsystem (Mitel SX-50)	CHECK AUTOMATIC TELEPHONE SYS	12M	IN PORT	CHECK	N
ER039-00	Automatic Telephone Subsystem (Mitel SX-50)	Checks and Battery Replacement	60M	IN PORT	CHECK	N
ER040-00	Broadcast / Entertainment / Alarm System	TEST INTERIOR COMMUNICATIONS	12M	IN PORT	TEST	N
ER041-00	VHF Direction Finder	TEST VHF DF SYSTEM	12M	IN PORT	TEST	N
ER044-00	Voice Recorder	TEST VOICE RECORDER		IN PORT	TEST	N
ER047-00	Inmarsat-B Communications System	INSPECT INMARSAT	6M	IN PORT	INSPECT/TEST	N
ER050-00	HF Radio Comms (Transmit) System. Transmitter	TEST HF RADIO COMMS SUBS	12M	IN PORT	TEST	N
ER050-00	HF Radio Comms (Transmit) System. Transmitter	Clean/Checks/Battery Change out	60M	IN PORT	TEST	N
ER052-00	HF Radio Comms (Transmit) System. Antenna	CLEAN/INSPECT	60M	At Base	CLEAN	N
ER053-00	HF Radio Comms (Receive) System. Receiver	TEST	12M	At Base	TEST	N
ER057-00	HF Radio Comms (Receive) System. Distress Receiver	TEST DISTRESS RECEIVER	12M	IN PORT	TEST	N
ER058-00	HF Radio Comms (Receive) System. Weather Facsimile	INSPECT & PERFORMANCE CHECK	12M	At Base	INSPECTION	N
ER059-00	HF Radio Comms (Receive) System. Weather Facsimile #2	INSPECT & PERFORMANCE CHECK	12M	At Base	INSPECTION	N
ER071-00	X Band Radar (Sperry Marine)	Service & Test X Band - Sperry	6M	IN PORT	SERVICE/TEST	N
ER072-00	S Band Radar (Sperry Marine)	Service & Test S Band - Sperry	6M	IN PORT	SERVICE/TEST	N
ER076-00	NAVIGAT X MK1 Gyrocompass	18 Monthly Inspect, Service & Test	18M	IN PORT	INSPECT & TEST	N
ER076-00	NAVIGAT X MK1 Gyrocompass	INSPECT & PERFORMANCE CHECK	36M	IN PORT	INSPECT & TEST	N
ER907-00	Echo Sounder System (replaced by Skipper GD101)	TEST ECHO SOUNDER	12M	IN PORT	TEST	N
ER907-00	Echo Sounder System (replaced by Skipper GD101)	DOCKING INSPECTION		DRY DOCK	SURVEY	N
ER909-00	Gyro Compass System	TEST GYRO SYSTEM	12M	IN PORT	TEST	N
ER909-00	Gyro Compass System	CLEAN/INSPECT/TEST	60M	IN PORT	TEST	N
ER909-04	Gyro Compass System UPS	Replace Batteries	36M	IN PORT	REPLACE	N
ER910-00	Magnavox 300 GPS System	TEST SERVICEABILITY HF COMMS	12M	IN PORT	TEST	N
ER910-00	Magnavox 300 GPS System	Replace Batteries & Test System	60M	IN PORT	TEST	N

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ER912-00	X Band Radar (Kelvin Hughes)	TEST/SERVICE X BAND RADAR		IN PORT	TEST	N
ER913-00	S Band Radar + Displays & Interswitch (Kelvin Hughes)	TEST/SERVICE S BAND RADAR		IN PORT	TEST	N
ER913-03	S Band Radar + Displays & Interswitch (Kelvin Hughes) * Nucleus 6000 Display	MAINTAIN 6000A DISPLAY		IN PORT	TEST	N
ER913-03	S Band Radar + Displays & Interswitch (Kelvin Hughes) * Nucleus 6000 Display	Checks/Replace Batteries		IN PORT	TEST	N
ER913-04	S Band Radar + Displays & Interswitch (Kelvin Hughes) * Interswitch Unit	TEST/SERVICE INTERSWITCH		IN PORT	TEST	N
ER913-04	S Band Radar + Displays & Interswitch (Kelvin Hughes) * Interswitch Unit	Service/Replace Battery		IN PORT	TEST	N
ER929-00	CCMS (superseded by new ER029)	COMM CONTROL MONITORING SYSTEM		IN PORT	TEST	N
ER930-00	MPS (superseded by new ER030)	TEST MESSAGE PROCESSING SYSTEM		IN PORT	TEST	N
ES001-00	Range/oven	Inspect Electric Range	12M	IN PORT	INSPECT	N
ES003-00	Deep Fryer	Check Valve/Calibrate Thermostat	12M	IN PORT	CHECK	N
ES004-00	Microwave Oven	Check Microwave Oven	12M	IN PORT	CHECK	N
ES005-00	Refrigerator/freezer	Inspect	6M	IN PORT	CHECK	N
ES007-00	Food Mixer	OIL CHANGE	12M	Anywhere	LUBRICATION	N
ES008-00	Dishwasher	Inspect/Clean	12M	IN PORT	CHECK	N
ES009-00	Garburator	Inspect	12M	IN PORT	CHECK	N
ES010-00	Meat Slicing Machine	Replace Gear Case Lub/Inspect	12M	IN PORT	LUBRICATION	N
ES012-00	Stacked Laundry Washer/dryer	SERVICING	12M	Anywhere	INSPECTION & MAINTENANCE	N
ES017-00	Half-size Electric Convection Oven	Check Oven	12M	IN PORT	CHECK	N
ES018-00	Ship SCPM Computer	Replication of Data	1M	IN PORT	TEST	N
ES018-00	Ship SCPM Computer	Test/Maintain SCPM Computer Sys	6M	IN PORT	TEST	N
ES908-00	Dishwasher (Superseded by new ES008)	Inspect/Clean		IN PORT	CHECK	N
ET003-00	AHU Refrig. Unit - Compressor Motor Lincoln 285T	CLEAN, EXAMINE and TEST MOTOR	24M	IN PORT	CHECK	N
ET004-00	AHU - Heating Coil	CHECK RESISTANCE/INSULATION	12M	ANY	TEST	N
ET005-00	AHU Supply Fan - Motor	CLEAN, EXAMINE and TEST MOTOR	12M	IN PORT	CHECK	N
ET014-00	Controls And Instrumentation	ROUTINE SERVICE	12M	IN PORT	ROUTINE SERVICE	N
ET015-00	Ventilation Blast Heaters	SERVICE BLAST HEATERS	12M	IN PORT	ROUTINE SERVICE	N
ET016-00	Electric Convection Heaters	SERVICE HEATERS	12M	IN PORT	ROUTINE SERVICE	N
ET017-00	EF1 Heads/Wash places Exhaust Fan (Centrifugal)	INSPECT/TEST INSULATION/SERVICE	12M	IN PORT	TEST	N
ET018-00	EF4 Rope Store Exhaust Fan (Axial)	INSPECT/TEST INSULATION/SERVICE	12M	IN PORT	TEST	N
ET019-00	EF10 Wet Gear Store/Sweep Deck Workshop/Main Switchboard Room Exhaust Fan (Axial)	INSPECT/TEST INSULATION/SERVICE	12M	IN PORT	TEST	N
ET020-00	Fan Controllers: Exhaust EF1/EF3/EF4/EF5/EF6/EF10	TEST INSULATION/SERVICE	12M	IN PORT	TEST	N
ET021-00	SF2 Galley Supply Fan (Axial)	INSPECT/TEST INSULATION/SERVICE	12M	IN PORT	TEST	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
ET022-00	EF2 Galley/Forward Smoke Zone Exhaust Fan (Axial)	INSPECT/TEST INSULATION/SERVICE	12M	IN PORT	TEST	N
ET023-00	Fan Controllers: Supply SF2 Exhaust EF2	TEST INSULATION/SERVICE	12M	IN PORT	TEST	N
ET024-00	SF5/SF6/SF7/SF8 Fwd. /Aft Mach Rm Supply Fans & EF7/EF8 Fwd. /Aft Mach Rm Exhaust Fans (Axial).	INSPECT/TEST INSULATION/SERVICE	12M	IN PORT	TEST	N
ET025-00	SF9/EF9 Motor Room/ Z Drive Compartment Supply/Exhaust Fans (Axial)	INSPECT/TEST INSULATION/SERVICE	12M	IN PORT	TEST	N
ET026-00	EF3 Fan Room/Aft Smoke Zone Exhaust Fan (Axial)	INSPECT/TEST INSULATION/SERVICE	12M	IN PORT	TEST	N
ET027-00	EF5 Sewage Treatment Room Exhaust Fan (Axial)	INSPECT/TEST INSULATION/SERVICE	12M	IN PORT	TEST	N
ET028-00	EF6 Emergency Gen Comp't Exhaust Fan (Axial)	INSPECT/TEST INSULATION/SERVICE	12M	IN PORT	TEST	N
ET029-00	EF11 Fwd. Amr/Bow Thruster Comp't Exhaust Fan (Axial)	INSPECT/TEST INSULATION/SERVICE	12M	IN PORT	TEST	N
ET031-00	EF12/EF13 FMR/AMR Harbour Exhaust Fans	Clean/Check/ Test	12M	IN PORT	CHECK	N
ET032-00	Fan Controllers: Exhaust EF12/EF13	Clean/Check/Test	12M	IN PORT	CHECK	N
ET033-00	EF14 Stbd Void Space Exhaust Fan	Clean, Inspect, Test	12M	IN PORT	CHECK	N
ET034-00	Fan Controllers: Exhaust EF14	INSPECT/TEST INSULATION/SERVICE	12M	IN PORT	TEST	N
EU014-00	Man Overboard Alarm System	INSPECT & FUNCTIONAL TEST	12M	IN PORT	INSPECT & TEST	N
EV001-00	General Purpose Crane - Electrical Components	CLEAN, EXAMINE and TEST MOTOR	6M	IN PORT	CHECK	N
EV001-00	General Purpose Crane - Electrical Components	Motor Bearing & Insulation Check	24M	IN PORT	INSPECTION	N
EV002-00	General Purpose Crane - Starter	CLEAN AND CHECK	6M	IN PORT	CHECK	N
EV002-00	General Purpose Crane - Starter	Service/Inspect	24M	IN PORT	SURVEY	N
EV003-00	Capstan Hydraulic - Motor Starter	Capstan Control Panel Service	6M	IN PORT	ROUTINE SERVICE	N
EV004-00	Capstan Hydraulic Power Pack Electric Motor	CLEAN, EXAMINE and TEST MOTOR	12M	IN PORT	CHECK	N
EV004-00	Capstan Hydraulic Power Pack Electric Motor	Motor Bearing & Insulation Check	24M	IN PORT	INSPECTION	N
EV010-00	Anchor Windlass - Electric Motor	CLEAN, EXAMINE & TEST	6M	IN PORT	CHECK	N
EV010-00	Anchor Windlass - Electric Motor	MOTOR BEARING & INSULATION CHK	60M	IN PORT	INSPECTION	N
EV012-00	Anchor Windlass - Oil Heater	IMMERSION HEATER CHECK	12M	IN PORT	ROUTINE SERVICE	N
EV013-00	Anchor Windlass - Motor Starter	Service Starter	6M	IN PORT	CHECK	N
EV014-00	Anchor Windlass - Deck Controls	L' Check and Clean	6M	IN PORT	CHECK	N
EW002-00	Provision Refrigeration Compressor - Electric Motor	CLEAN, EXAMINE AND TEST MOTOR	12M	IN PORT	CHECK	N
EW003-00	Provision Refrigeration Plant - Control Panel	CLEAN AND CHECK	12M	IN PORT	CHECK	N
EW006-00	Evaporator Fan Motor Assembly	CLEAN, EXAMINE and TEST MOTOR	6M	IN PORT	CHECK	N
EW007-00	Evaporator Control Panel	CLEAN AND CHECK	12M	IN PORT	CHECK	N
HA001-00	WT/GT Ventilation Flaps - Wing Nut and Bolt Secured	INSPECT & SERVICE	12M	IN PORT	ROUTINE SERVICE	N
HA002-00	WT/GT Ventilation Flaps - Closing Wheel Secured	INSPECT & SERVICE	12M	IN PORT	ROUTINE SERVICE	N
HA003-00	WT/GT Jalousie Closures	Routine Service	12M	IN PORT	ROUTINE SERVICE	N

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HA003-00	WT/GT Jalousie Closures	INSPECT & SERVICE	12M	IN PORT	ROUTINE SERVICE	N
HA003-00	WT/GT Jalousie Closures	Overhaul	60M	IN PORT	OVERHAUL	N
HB001-00	Diesel Storage Tanks	SURVEY TANKS	60M	DRY DOCK	SURVEY	N
HB001-00	Diesel Storage Tanks	INSPECT		DRY DOCK	INSPECT	N
HB002-00	Diesel Service Tanks	SURVEY TANKS	60M	DRY DOCK	SURVEY	N
HB002-00	Diesel Service Tanks	OPEN, CLEAN and INSPECT		DRY DOCK	INSPECT	N
HB004-00	Fresh Water Storage Tanks	SURVEY TANKS	60M	DRY DOCK	SURVEY	N
HB004-00	Fresh Water Storage Tanks	Open, clean, inspect sanitize		DRY DOCK	INSPECT	N
HB005-00	Salt Water Ballast Tank	SURVEY TANKS		IN PORT	SURVEY	N
HB005-00	Salt Water Ballast Tank	SURVEY TANKS	60M	DRY DOCK	SURVEY	N
HB007-00	Dirty Oil Tank	SURVEY TANKS	60M	DRY DOCK	SURVEY	N
HB007-00	Dirty Oil Tank	INSPECT		DRY DOCK	INSPECT	N
HB008-00	Oily Water Tank	SURVEY TANKS	60M	DRY DOCK	SURVEY	N
HB008-00	Oily Water Tank	INSPECT		DRY DOCK	INSPECT	N
HB009-00	Grey Water Tank	SURVEY TANKS	60M	DRY DOCK	SURVEY	N
HB009-00	Grey Water Tank	Open, Clean and gas free		DRY DOCK	INSPECT	N
HE001-00	Sea Chests/sea Boxes	SURVEY SEA CHEST WTC'S	60M	DRY DOCK	SURVEY	N
HE001-00	Sea Chests/sea Boxes	INSPECT		DRY DOCK	INSPECT	N
HL001-00	Shell Plating	DOCKING INSPECTION/SURVEY		Dry-Dock	Survey	N
HL005-00	Main Deck	INSPECT DECK/LUBRICATE FITTINGS		IN PORT	INSPECT	N
HL005-00	Main Deck	UPPER DECK LUB	6M	IN PORT	LUBRICATION	N
HL005-01	Main Deck Z-Drive Portable Deck Plates	Inspect Z-Drive Deck Plates	12M	IN PORT	INSPECTION	N
HL005-01	Main Deck Z-Drive Portable Deck Plates	Inspect/Recondition Deck Plates	60M	IN PORT	INSPECT & RECONDITION	N
HL006-00	Forecastle Deck	INSPECT DECK/LUBRICATE FITTINGS		IN PORT	INSPECT	N
HL006-00	Forecastle Deck	UPPER DECK LUB	6M	IN PORT	LUBRICATION	N
HL009-00	Trunks And Enclosures	Trunks and Enclosures		DRY DOCK	INSPECT	N
HN001-01	Ground Tackle Fittings Reversible Pad Eyes Scramble Net	Clean and Lubricate	6M	IN PORT	LUBRICATION	N
HN001-01	Ground Tackle Fittings Reversible Pad Eyes Scramble Net	Lubrication & Prep	12M	IN PORT	LUBRICATION	N
HN001-01	Ground Tackle Fittings Reversible Pad Eyes Scramble Net	Inspect	12M	IN PORT	INSPECTION	N
HN001-01	Ground Tackle Fittings Reversible Pad Eyes Scramble Net	Lube & Load Test Preps	24M	IN PORT	LUBRICATION	N
HN001-01	Ground Tackle Fittings Reversible Pad Eyes Scramble Net	Inspect and Test	24M	IN PORT	INSPECT & TEST	Y
HN001-02	Ground Tackle Fittings Reversible Eye Pads Cruet Guide Wire	Clean/Lube Reversible Eye Pads	12M	IN PORT	LUBRICATION	N
HN001-03	Ground Tackle Fittings Light line Transfer Stations	Inspect and Verify	12M	IN PORT	INSPECTION	Y
HN001-03	Ground Tackle Fittings Light line Transfer Stations	Load Test Light Line Transfer Sy	60M	IN PORT	TEST	Y
HN001-04	Ground Tackle Fittings Towing Gear & Deck Lugs	INSPECT	12M	IN PORT	INSPECTION	N
HN001-04	Ground Tackle Fittings Towing Gear & Deck Lugs	Inspect & NDT	60M	IN PORT	TEST	Y
HN001-05	Ground Tackle Fittings Mooring Lines & Pick-up Ropes	Inspect and verify	12M	IN PORT	INSPECTION	N
HN001-06	Ground Tackle Fittings Embarkation Ladder Lugs	Inspect Embarkation Ladder	12M	IN PORT	INSPECT	N

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HN001-06	Ground Tackle Fittings Embarkation Ladder Securing Lugs	Inspect & MPI Embarkation Ladder	24M	IN PORT	INSPECT & TEST	Y
HN004-00	Anchors, Chain Cable & Associated Fittings	SUR/RANGE/CLEAN ANCHORS & CABLES	60M	DRY DOCK	SURVEY	Y
HN004-01	Anchors, Chain Cable & Associated Fittings Devil Claw & Blake Slip	Inspect Components	12M	IN PORT	INSPECT	N
HN004-01	Anchors, Chain Cable & Associated Fittings Devil Claw & Blake Slip	Inspect Components	60M	IN PORT	INSPECTION	Y
HN005-00	Rail Stanchions And Lifelines	INSPECT/SERVICE		IN PORT	INSPECTION	N
HN005-00	Rail Stanchions And Lifelines	Inspect & NDE (Funnel Top)	12M	IN PORT	INSPECT & TEST	Y
HN005-01	Rail Stanchions And Lifelines Rails & Stanchions	INSPECT/SERVICE	12M	IN PORT	INSPECTION	N
HN005-02	Rail Stanchions And Lifelines	INSPECT LIFELINES	12M	IN PORT	INSPECTION	N
HN006-00	Exterior Deck Drains	INSPECT AND LUBRICATE SCUPPERS	12M	IN PORT	INSPECT	N
HN007-00	Awning Stanchions & Wires	INSPECT RIGGING/CANVAS	24M	IN PORT	INSPECTION	N
HN008-00	Ladders, Handrails, Grab Rods, Floorplates & Grating Sys	INSPECT/SERVICE	12M	IN PORT	INSPECTION	N
HN009-00	Ship's Portable Gangway	Inspect Gangway Guard Rails	12M	IN PORT	SURVEY	N
HN009-00	Ship's Portable Gangway	INSPECT & LOAD TEST	24M	IN PORT	SURVEY	Y
HN010-00	Clover Leaf Deck Sockets	Test Clover Leaf Deck Fittings	60M	IN PORT	INSPECT & TEST	Y
HN011-00	ISO Deck Sockets	Inspection of Sockets	12M	IN PORT	INSPECTION	N
HN011-00	ISO Deck Sockets	Inspect & NDT Sockets	60M	IN PORT	TEST	Y
HN011-01	ISO Deck Sockets ISO Twist Lock Stackers	Inspect Stackers		IN PORT	INSPECTION	N
HN012-01	Anchoring & Lifting Lugs Sweep Wire Anchoring Lugs	Inspection	12M	IN PORT	INSPECTION	N
HO001-00	Storerooms, Stowages and Non W/T Lockers	CHECK ROOMS		Anywhere	Inspection	N
HO001-00	Storerooms, Stowages and Non W/T Lockers	Clean, Dry, Dehumidify & Inspect	12M	IN PORT	INSPECT & CLEAN	N
HO001-00	Storerooms, Stowages and Non W/T Lockers	SURVEY/INSPECT	60M	IN PORT	SURVEY	N
HO001-00	Storerooms, Stowages and Non W/T Lockers	HEAT INPUT TEST	60M	IN PORT	TEST	N
HO001-00	Storerooms, Stowages and Non W/T Lockers	Inspect Clean and Dehumidify	60M	IN PORT	INSPECT & CLEAN	N
HO001-00	Storerooms, Stowages and Non W/T Lockers	Clean Inspect and Dehumidify		IN PORT	INSPECT & CLEAN	N
HO002-00	Utility Spaces	SURVEY STRUCTURE	60M	IN PORT	SURVEY	N
HO003-00	Workshops	INSPECT		IN PORT	INSPECT	N
HO003-00	Workshops	Survey	60M	IN PORT	SURVEY	N
HO005-00	Mechanical Workshop Equipment	Inspect, Test	60M	IN PORT	CHECK	N
HO008-01	Living Spaces Officer's Berthing	SURVEY STRUCTURE	60M	IN PORT	SURVEY	N
HO008-02	Living Spaces Non-commissioned Officer's	SURVEY STRUCTURE	60M	IN PORT	SURVEY	N
HO008-03	Living Spaces Other Ranks Berthing	SURVEY STRUCTURE	60M	IN PORT	SURVEY	N
HO008-04	Living Spaces Dining & Lounge	SURVEY STRUCTURE	60M	IN PORT	SURVEY	N
HO009-00	W/c - Shower	INSPECT	30M	IN PORT	Inspection	N
HO009-00	W/c - Shower	SURVEY STRUCTURE	60M	IN PORT	SURVEY	N
HO010-00	Offices	SURVEY STRUCTURE	60M	IN PORT	SURVEY	N
HO011-00	Control Rooms	INSPECT	30M	IN PORT	INSPECT	N
HO011-00	Control Rooms	SURVEY STRUCTURE	60M	IN PORT	SURVEY	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
HO012-00	Machinery Spaces	SURVEY/INSPECT	30M	IN PORT	SURVEY	N
HO012-00	Machinery Spaces	SURVEY STRUCTURE	60M	IN PORT	SURVEY	N
HO013-00	Bridge	SURVEY STRUCTURE	60M	IN PORT	SURVEY	N
HO015-00	Void Spaces	SURVEY	60M	DRY DOCK	SURVEY	N
HO015-00	Void Spaces	INSPECT		DRY DOCK	INSPECT	N
HO016-00	Watertight Lockers	INSPECT/SERVICE	6M	IN PORT	INSPECTION	N
HO016-01	Watertight Lockers Ammunition Lockers	Inspect and Lube	6M	IN PORT	INSPECTION	N
HO016-01	Watertight Lockers Ammunition Lockers	Overhaul Ammo Lockers	60M	IN PORT	OVERHAUL	N
HO016-01	Watertight Lockers Ammunition Lockers	Prep and Paint Deck & Seatings	60M	IN PORT	PAINT	N
HO017-00	Main Magazine	INSPECT	12M	IN PORT	INSPECT	N
HO017-00	Main Magazine	Survey	60M	IN PORT	SURVEY	N
HO018-00	Cable Locker	SURVEY CABLE LOCKER	60M	DRY DOCK	SURVEY	N
HP001-00	Watertight Doors - Quick Acting	Inspect/Service QA WT Doors	12M	IN PORT	INSPECT	N
HP002-00	Weatheright Doors	INSPECT & SERVICE	12M	IN PORT	INSPECT	N
HP003-00	Spray tight Doors	INSPECT & SERVICE	12M	IN PORT	INSPECTION	N
HP004-00	Bridge Doors	INSPECT & SERVICE	12M	IN PORT	INSPECTION	N
HP005-00	Quick Acting Hatches	INSPECT & SERVICE	12M	IN PORT	INSPECT	N
HP006-00	Escape Scuttles	INSPECT & SERVICE	12M	IN PORT	INSPECT	N
HP007-00	Dogged Hatches	INSPECT & SERVICE	12M	IN PORT	INSPECT	N
HP010-00	Fixed Window	INSPECT & SERVICE BRIDGE WINDOWS	12M	IN PORT	INSPECTION	N
HP011-00	Fixed/Heated Window	INSPECT/SERVICE BRIDGE WINDOWS	12M	IN PORT	INSPECTION	N
HP012-00	Watertight Vertical Sliding Window	INSPECT/SERVICE BRIDGE WINDOWS	12M	IN PORT	INSPECTION	N
HQ001-00	Mast	SURVEY	60M	DRY DOCK	SURVEY	N
HQ001-02	Mast Fall Arrest System	Inspect & Test	12M	IN PORT	INSPECT & TEST	Y
HS001-00	Counter And Storage Units	Inspect, Check, Calibrate	12M	IN PORT	CHECK	N
HU003-04	General Stowage Gas Rack	6 Monthly Inspect/Lubricate & Test	6M	IN PORT	INSPECT & LUBRICATE	N
HY001-01	Painting, Preservation & Marking Exterior Doors and Hatches - Fluidized Bed Coating	6Monthly Clean & Inspect	6M	IN PORT	CLEAN & CHECK	N
HY001-02	Painting, Preservation & Marking Upper Deck Louvers & Covers - Fluidized Bed Coating	6Monthly Clean and Inspect	6M	IN PORT	CLEAN & CHECK	N
HY003-01	LRS Surveys to Class Electrical	Electrical Survey Certificate		IN PORT	INSPECTION	N
HY003-02	LRS Surveys to Class Hull	Survey Certificate		DRY DOCK	SURVEY	N
HY003-02	LRS Surveys to Class Hull	SUR18 PRESSURE TEST CERTIFICATE		IN PORT	SURVEY	N
HY003-02	LRS Surveys to Class Hull	Annual Condition Survey	12M	IN PORT	SURVEY	N
HY003-02	LRS Surveys to Class Hull	DIVING INSPECTION	60M	IN PORT	SURVEY	N
HY003-03	LRS Surveys to Class Mechanical	MACHINERY SURVEY CERTIFICATE		DRY DOCK	SURVEY	N
HY005-01	Docking and Undocking, Care & Custody	Docking Care & Custody	60M	DRY DOCK	CARE & CUSTODY	N
HY005-02	Docking Hoarding in Hull	60 Monthly Hoarding In	60M	DRY DOCK		N
HY005-03	Docking Underwater & Above Water Hull P&P	Underwater & Above Water Hull P&P	60M	DRY DOCK	INSPECTION & MAINTENANCE	N
HY005-04	Docking Exterior Decks P&P	Exterior Decks P&P	60M	DRY DOCK	MAJOR OVERHAUL	N
HY005-05	Docking Superstructure P&P	Superstructure P&P	60M	DRY DOCK	INSPECT	N
HY005-06	Docking Machinery Spaces - Bilges P&P	Machinery Spaces - Bilges P&P	60M	DRY DOCK	MAJOR OVERHAUL	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
HY005-07	Docking Ballast Tanks P&P	Ballast Tanks P&P	60M	DRY DOCK	SURVEY	N
HY005-08	Docking Fresh Water Tanks P&P	Fresh Water Tanks P&P	60M	DRY DOCK	MAJOR OVERHAUL	N
HY005-09	Docking Dirty Oil, Oily Water & Grey Water Contact & Surge Tanks P&P	Dirty Oil, Oily Water & Grey Water contact & Surge Tanks P&P	60M	DRY DOCK	PAINT	N
HY005-10	Docking Void Spaces P&P (HO015-00)	Void Spaces P&P	60M	DRY DOCK	SURVEY & PAINT	N
HY005-11	Docking Cable Locker P&P (HO018-00)	Cable Locker P & P	60M	DRY DOCK	PAINT	N
HY005-12	Docking Machinery Spaces - Compartments P&P	Machinery Spaces - Compartments P&P	60M	DRY DOCK	PAINT	N
HY005-13	Docking Compartments & Spaces P&P	Compartments & Spaces P&P	60M	DRY DOCK	HYDROSTATIC TEST	N
HY005-14	Docking Fuel Tanks (HB001-00 and HB002-00)	Fuel Tanks (HB001-00)	60M	DRY DOCK	INSPECT & RECONDITION	N
HY005-15	Docking Vent Heads	Vent Heads	60M	DRY DOCK	MAJOR OVERHAUL	N
HY005-16	Docking Speed Log (ER006-00)	Speed Log (ER006-00)	60M	DRY DOCK	INSPECTION	N
HY005-17	Docking Digital Depth Sounder (ER007-00)	Digital Depth Sounder (ER007-00)	60M	DRY DOCK	INSPECTION	N
HY005-18	Docking Hull Valves	Hull Valves	60M	DRY DOCK	INSPECT & TEST	N
HY005-19	Docking Through Hull Deployment System (EI006-00)	Through Hull Deployment System (EI006-00)	60M	DRY DOCK	INSPECT & TEST	N
HY005-20	Docking Z Drive Portable Deck Plates (HL005-01)	Inspect/Recondition Deck Plates	60M	DRY DOCK	INSPECT & RECONDITION	N
HY005-21	Docking Z Drive Port & Stbd (MA011/012-00)	60M Maintenance	60M	DRY DOCK	INSPECT	N
HY005-23	Docking Cathelco Antifouling (EE002-00)	60 Monthly Maintenance	60M	DRY DOCK	INSPECT & CHECK	N
HY005-24	Docking Rope Stores (HO001-00)	60 Monthly Maintenance	60M	DRY DOCK	INSPECT & CLEAN	N
HY005-25	Docking Anchors & Chain Cables (HN004-00)	60 Monthly Maintenance	60M	DRY DOCK	CHECK & LUBRICATE	N
HY005-26	Docking Underwater Hull Fittings & Transom Fenders	60 Monthly Maintenance	60M	DRY DOCK	INSPECT	N
HY005-27	Docking Underwater Hull, Tanks, Appendages (Lloyd's Support)	60 Monthly LR Survey	60M	DRY DOCK	INSPECT	N
HY005-28	Docking Fuel Oil System (MC001-00)	60 Monthly Overhaul	60M	DRY DOCK	OVERHAUL	N
HY005-29	Docking Compressed Air System MD001-00)	60 Monthly Maintenance	60M	DRY DOCK	INSPECT & TEST	N
HY005-30	Docking Fire & Wash deck System (ME001-00)	60 Monthly Valve Test	60M	DRY DOCK	TEST	N
HY005-31	Docking Exterior Ventilation Louvers (HA003-00)	60 Monthly Maintenance	60M	DRY DOCK	INSPECT & PAINT	N
HY005-33	Docking Set to Work	60Monthly Set to Work	60M	DRY DOCK	OPERATIONAL CHECK	N
HY006-01	Ship Structural Integrity Program (SSIP) Statement of Structural Integrity	Statement	60M	Anywhere	STATEMENT	N
HY009-00	Port & Starboard Propeller Assemblies	Inspect & Clean	12M	IN PORT	INSPECT & CLEAN	N
MA001-00	Main Propulsion Diesel Prime Mover	10000 Hour Servicing		IN PORT	ROUTINE SERVICE	N
MA001-00	Main Propulsion Diesel Prime Mover	SERVICE DIESEL (INCL XXX9) 7500		IN PORT	ROUTINE SERVICE	N
MA001-00	Main Propulsion Diesel Prime Mover	SERVICE DIESEL (INCL XX10)		IN PORT	ROUTINE SERVICE	N
MA001-00	Main Propulsion Diesel Prime Mover	SURVEY/ENGINE INSPECTION		IN PORT	SURVEY	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
MA001-00	Main Propulsion Diesel Prime Mover	BOROSCOPIC INSPECTION		IN PORT	SURVEY	N
MA001-00	Main Propulsion Diesel Prime Mover	SERVICE DIESEL		IN PORT	ROUTINE SERVICE	N
MA001-00	Main Propulsion Diesel Prime Mover	BOROSCOPE AND FUNCTION TESTS		IN PORT	TEST	N
MA001-00	Main Propulsion Diesel Prime Mover	SERVICE DIESEL (INCL XXX7)		IN PORT	ROUTINE SERVICE	N
MA001-00	Main Propulsion Diesel Prime Mover	SERVICE DIESEL (INCL XXX8)		IN PORT	ROUTINE SERVICE	N
MA001-00	Main Propulsion Diesel Prime Mover	Inspections and Checks		IN PORT	INSPECT & CHECK	N
MA001-00	Main Propulsion Diesel Prime Mover	SERVICE DIESEL (INCL XX10)		IN PORT	ROUTINE SERVICE	N
MA001-00	Main Propulsion Diesel Prime Mover	SERVICE DIESEL (INCL XX11)		IN PORT	MAJOR OVERHAUL	N
MA001-00	Main Propulsion Diesel Prime Mover	OCCASIONAL DIESEL OVERHAUL		IN PORT	MAJOR OVERHAUL & INSPECTION	N
MA001-10	Main Propulsion Diesel Prime Mover Specific Assemblies	Survey Coupling Assy and Pucks		IN PORT	SURVEY	N
MA001-11	Main Propulsion Diesel Prime Mover Governor Assembly	Testing Over speed Trips		IN PORT	TEST	N
MA001-13	Main Propulsion Diesel Prime Mover Bed Mount - Sub Base	Inspect and Clean	6M	IN PORT	INSPECT & CLEAN	N
MA001-13	Main Propulsion Diesel Prime Mover Bed Mount - Sub Base	Perform Vibration Analysis		IN PORT	INSPECT & CLEAN	N
MA011-00	Z-drive - (Port)	SERVICE PORT SHAFT	6M	IN PORT	ROUTINE SERVICE	N
MA011-00	Z-drive - (Port)	ANNUAL SERVICE	12M	IN PORT	INSPECTION	N
MA011-00	Z-drive - (Port)	SURVEY Z-DRIVE	60M	DRY DOCK	SURVEY	N
MA011-00	Z-drive - (Port)	INSPECT THRUSTER WET END(DOCKIN)		DRY DOCK	INSPECTION	N
MA011-00	Z-drive - (Port)	OVERHAUL P' G'BOX & HYD MOTO		IN PORT	MAJOR OVERHAUL	N
MA012-00	Z-drive - (Stbd)	SERVICE STARBOARD SHAFT	6M	IN PORT	LUBRICATION	N
MA012-00	Z-drive - (Stbd)	ANNUAL SERVICE	12M	IN PORT	INSPECTION	N
MA012-00	Z-drive - (Stbd)	SURVEY Z-DRIVE	60M	DRY DOCK	SURVEY	N
MA012-00	Z-drive - (Stbd)	INSPECT THRUSTER WET END(DOCKIN)		DRY DOCK	INSPECTION	N
MA012-00	Z-drive - (Stbd)	INSPECT THRUSTER WET END(DOCKIN)		DRY DOCK	INSPECTION	N
MA012-00	Z-drive - (Stbd)	OVERHAUL P' G'BOX & HYD MOTO		IN PORT	MAJOR OVERHAUL	N
MA013-00	Azimuthing Thruster Auxiliary Systems	COLLECT LUBE OIL SAMPLE		IN PORT	SAMPLING	N
MA013-00	Azimuthing Thruster Auxiliary Systems	SERVICE LUBE OIL SYSTEM		IN PORT	ROUTINE SERVICE	N
MA013-01	Azimuthing Thruster Auxiliary Systems Hydraulic Steering System, Port	COLLECT HYDRAULIC OIL SAMPLES	12M	IN PORT	SAMPLING	N
MA013-01	Azimuthing Thruster Auxiliary Systems Hydraulic Steering System, Port	60Monthly Replace & Trial	60M	IN PORT/DOCK	REPLACE/TEST /INSPECT	N
MA013-02	Azimuthing Thruster Auxiliary Systems Hydraulic Steering System, Stbd	60Monthly Replace & Trial	60M	IN PORT/DOCK	REPLACE/TEST /INSPECT	N
MA014-00	Diesel Prime Mover Uptake And Silencer	Inspect Main Diesel Exhaust Sys	12M	IN PORT	INSPECT	N
MA015-00	Main Machinery Rooms Cooling System	LUBRICATE VALVES/CLEAN STRAINERS	6M	IN PORT	LUBRICATION	N
MA015-00	Main Machinery Rooms Cooling System	NON-DOCKING ITEMS	60M	IN PORT	MAJOR OVERHAUL	N
MA015-00	Main Machinery Rooms Cooling System	DOCKING ITEMS		DRY DOCK	MAJOR OVERHAUL	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
MA017-00	Thyristor Drive And Z-drive Cooling System	LUBRICATE COOLING SYSTEM PUMPS A	6M	IN PORT	LUBRICATION	N
MA017-00	Thyristor Drive And Z-drive Cooling System	NON-DOCKING ITEMS	60M	IN PORT	MAJOR OVERHAUL	N
MA017-00	Thyristor Drive And Z-drive Cooling System	DOCKING ITEMS		DRY DOCK	MAJOR OVERHAUL	N
MA018-00	Z-Drive Primary Cooling Pump	ANNUAL CHECK	12M	IN PORT	INSPECTION	N
MA018-00	Z-Drive Primary Cooling Pump	TWO YEARLY CHECK	30M	IN PORT	ROUTINE SERVICE	N
MA018-00	Z-Drive Primary Cooling Pump	SURVEY SYSTEM/CHECK PUMP	60M	IN PORT	SURVEY	N
MA019-00	Z-Drive Standby Cooling Pump	ANNUAL CHECK	12M	IN PORT	INSPECTION	N
MA019-00	Z-Drive Standby Cooling Pump	TWO YEARLY CHECK	30M	IN PORT	ROUTINE SERVICE	N
MA019-00	Z-Drive Standby Cooling Pump	SURVEY SYSTEM/CHECK PUMP	60M	IN PORT	SURVEY	N
MA027-00	Liquid Level Indicators Mechanical	RENEW Vv PACKING & CLEAN FLOAT	12M	ANY	ROUTINE SERVICE	N
MB001-01	Lubricating Oil System Clean Lubricating Oil System	LUB/CHECK CLEAN LUBE OIL SYSTEM	12M	IN PORT	LUBRICATION	N
MB001-02	Lubricating Oil System Dirty Oil System	LUBRICATE/CHECK DIRTY OIL SYSTEM	12M	IN PORT	LUBRICATION	N
MB002-00	Portable Transfer Pump	INTERNAL INSPECTION	12M	IN PORT	INSPECTION	N
MB003-00	Dirty Oil Pump	INTERNAL INSPECTION	12M	IN PORT	INSPECTION	N
MB004-00	Oily Water Separator	2 ANNUAL MAINTENANCE		IN PORT	ROUTINE SERVICE	N
MB004-00	Oily Water Separator	RETURN SEPARATOR TO MANUFACTURER		IN PORT	MAJOR OVERHAUL	N
MB004-00	Oily Water Separator	SERVICE FILTER AND UNIT	6M	IN PORT	ROUTINE SERVICE	N
MB004-00	Oily Water Separator	CALIBRATE AND SYSTEMS CHECKS	12M	IN PORT	ROUTINE SERVICE	Y
MC001-00	Fuel Oil System	SERVICE FILL AND DISCHARGE SYS.	6M	IN PORT	ROUTINE SERVICE	N
MC001-00	Fuel Oil System	SERVICE SYS.	12M	IN PORT	ROUTINE SERVICE	N
MC001-00	Fuel Oil System	SURVEY AND OVERHAUL SYS.	60M	IN PORT	MAJOR OVERHAUL	N
MC003-00	Primary Transfer Pump	SURVEY PRIMARY FUEL TRANSFER PP		IN PORT	SURVEY	N
MC003-00	Primary Transfer Pump	INTERNAL INSPECTION	12M	IN PORT	INSPECTION	N
MC003-00	Primary Transfer Pump	MAJOR OVERHAUL OF TRANSFER PUMP		IN PORT	MAJOR OVERHAUL	N
MC004-00	Manual Transfer Pump	SURVEY MANUAL FUEL TRANSFER PUMP	60M	IN PORT	SURVEY	N
MC005-00	Fuel Oil Purifier - Feed Pump	SURVEY/INSPECT FEED PUMP		IN PORT	SURVEY	N
MC005-00	Fuel Oil Purifier - Feed Pump	OPEN AND INSPECT	30M	IN PORT	INSPECTION & MAINTENANCE	N
MC006-00	Fuel Oil Purifier (Centrifuge)	SERVICE CENTRIFUGE	12M	IN PORT	ROUTINE SERVICE	N
MC006-00	Fuel Oil Purifier (Centrifuge)	INSPECT/ADJUST CENTRIFUGE	30M	IN PORT	INSPECTION	N
MC006-00	Fuel Oil Purifier (Centrifuge)	SERVICE FUEL OIL CENTRIFUGE	60M	IN PORT	MAJOR OVERHAUL	N
MC008-00	Coalescer	OPEN AND INSPECT	30M	IN PORT	INSPECT	N
MC008-00	Coalescer	INSPECT AND SURVEY	60M	IN PORT	MAJOR OVERHAUL	N
MC009-00	Fuel Oil Boost Pump	INTERNAL INSPECTION	12M	IN PORT	INSPECTION	N
MC009-00	Fuel Oil Boost Pump	OPEN AND INSPECT	60M	IN PORT	INSPECT & SURVEY	N
MD001-00	Compressed Air System	Inspect Valves	60M	DRY DOCK	SURVEY	N
MD002-00	Air Compressor	SERVICE COMPRESSOR	6M	IN PORT	ROUTINE SERVICE	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
MD002-00	Air Compressor	SUR/Dismantle & Inspect Comp	60M	IN PORT	SURVEY	N
MD002-00	Air Compressor	OCC REMOVE REPLACE		IN PORT	REPLACE	N
MD004-00	Air Receiver	SURVEY/CLEAN	60M	IN PORT	SURVEY	N
ME001-00	Fire & Wash deck System	LUBRICATE VALVES/CLEAN STRAINERS	6M	IN PORT	LUBRICATION	N
ME001-00	Fire & Wash deck System	MAINTENANCE AND SURVEY	60M	DRY DOCK	SURVEY	N
ME001-00	Fire & Wash deck System	SUR/OPEN AND INSPECT(DOCKING)		DRY DOCK	SURVEY	N
ME003-00	Pump, General Service	TWO YEARLY CHECK	30M	IN PORT	ROUTINE SERVICE	N
ME004-00	Hull And Fire Pump	CHECK PUMP	30M	IN PORT	ROUTINE SERVICE	N
MF001-00	Fresh Water System	Injection Pump Test		IN PORT	TEST	N
MF001-00	Fresh Water System	RESIDUAL TESTING		IN PORT	TEST	N
MF001-00	Fresh Water System	Residual Bromine Test	1M	IN PORT	TEST	N
MF001-00	Fresh Water System	RESIDUAL TESTING	3M	IN PORT	TEST	N
MF001-00	Fresh Water System	CLEAN AND CHECK SYSTEM	12M	IN PORT	CLEAN	N
MF001-00	Fresh Water System	CLEAN AND CHECK SYSTEM	60M	IN PORT	CLEAN	N
MF002-00	Reverse Osmosis Desalinator	SURVEY/INSPECT		IN PORT	SURVEY	N
MF002-00	Reverse Osmosis Desalinator	SYSTEM CHECKS	6M	IN PORT	TEST	N
MF003-00	Reverse Osmosis - Feed Pump	PROVE FLUSHING LINES		IN PORT	CHECK	N
MF003-00	Reverse Osmosis - Feed Pump	OVERHAUL Propulsion Alternator		IN PORT	OVERHAUL	N
MF005-00	Reverse Osmosis - Process Pump	Overhaul Pump		IN PORT	OVERHAUL	N
MF010-01	Bromine Injection System Brominator Recirculator Unit	24Monthly System Checks	24M	IN PORT	INSPECT & TEST	N
MF910-00	Fresh Water Chlorinators	RENEW LIQUIFRAM SEAL RING & BALL		IN PORT	ROUTINE SERVICE	N
MG001-00	Bilge And Ballast System	B&B SYSTEM VALVES and STRAINERS	12M	IN PORT	LUBRICATION	N
MG001-00	Bilge And Ballast System	SURVEY VALVES & STRAINERS	60M	IN PORT	SURVEY	N
MG002-00	Bilge Pump	SERVICE	30M	IN PORT	ROUTINE SERVICE	N
MG002-00	Bilge Pump	SURVEY SYSTEM/CHECK PUMP	60M	IN PORT	SURVEY	N
MG003-00	Eductor	CLEAN	12M	IN PORT	CLEAN	N
MH001-00	Vacuum Sewage Collection System	SERVICE	12M	IN PORT	ROUTINE SERVICE	N
MH003-00	Sewage Treatment Plant	ROUTINE SERVICE	6M	IN PORT	ROUTINE SERVICE	N
MH003-00	Sewage Treatment Plant	ROUTINE SERVICE	12M	IN PORT	ROUTINE SERVICE	N
MH003-00	Sewage Treatment Plant	ROUTINE SERVICE	30M	IN PORT	ROUTINE SERVICE	N
MH005-00	Grey Water System	INSPECT AND LUBRICATE	6M	IN PORT	INSPECTION	N
MH005-00	Grey Water System	INSPECT/SERVICE GREY WATER SYSTEM	30M	IN PORT	INSPECTION	N
MH005-00	Grey Water System	SURVEY AND CLEAN	60M	IN PORT	SURVEY & SERVICE	N
MH005-01	Grey Water System Interior Scuppers	Inspect & Lub Interior Scuppers	12M	IN PORT	INSPECT	N
MH006-00	Grey Water Pump	INSPECT PUMP	6M	IN PORT	INSPECTION	N
MH006-00	Grey Water Pump	OVERHAUL GREY WATER PUMP	60M	IN PORT	OVERHAUL	N
MH007-00	Grey Water Chlorine Tablet Feeder	Clean Chlorine Tablet Feeder	6M	IN PORT	ROUTINE SERVICE	N
MH008-00	Garbage Compactor	CHANGE HYDRAULIC FLUID		IN PORT	ROUTINE SERVICE	N
MH008-00	Garbage Compactor	CHANGE HEATER TAPE	24M	IN PORT	ROUTINE SERVICE	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
MH907-00	Chlorine Injection (superseded by new MH007)	INSPECT VVs, RENEW LIQ/FRAM SEAL		IN PORT	ROUTINE SERVICE	N
MK002-00	Auxiliary Alternator Diesel Prime Mover	SERVICE LUBE OIL SYSTEM	12M	IN PORT	INSPECTION	N
MK002-00	Auxiliary Alternator Diesel Prime Mover	SERVICE SEA WATER PUMP	12M	IN PORT	LUBRICATION	N
MK002-00	Auxiliary Alternator Diesel Prime Mover	SERVICE AIR AND FUEL SYSTEMS	12M	IN PORT	ROUTINE SERVICE	N
MK002-00	Auxiliary Alternator Diesel Prime Mover	CHECK FUEL INJECTORS		IN PORT	CHECK	N
MK002-00	Auxiliary Alternator Diesel Prime Mover	CHECK VALVES		IN PORT	CHECK	N
MK002-00	Auxiliary Alternator Diesel Prime Mover	CLEAN THE COOLING SYSTEM	48M	IN PORT	CLEAN	N
MK002-00	Auxiliary Alternator Diesel Prime Mover	6000 Hr Service		IN PORT	SERVICE	N
MK002-00	Auxiliary Alternator Diesel Prime Mover	12000 Hr Service		IN PORT	SERVICE	N
MK003-00	Emergency Alternator Diesel Prime Mover	CHANGE THE LUBRICATING OIL	12M	IN PORT	LUBRICATION	N
MK003-00	Emergency Alternator Diesel Prime Mover	CHECK INSTRUMENT AND STOP	12M	IN PORT	SURVEY	N
MK003-00	Emergency Alternator Diesel Prime Mover	SERVICE INTAKE/FUEL/COOLING SYS	12M	IN PORT	ROUTINE SERVICE	N
MK003-00	Emergency Alternator Diesel Prime Mover	CHECK FUEL INJECTORS	24M	IN PORT	ROUTINE SERVICE	N
MK003-00	Emergency Alternator Diesel Prime Mover	CHECK/ADJUST VALVE CLEARANCES		IN PORT	ROUTINE SERVICE	N
MT001-00	Air Handling Unit	INSPECTION/SERVICE	12M	IN PORT	INSPECTION	N
MT002-00	AHU Refrigeration Unit	COMPRESSOR CHECKS	3M	IN PORT	CHECK	N
MT002-00	AHU Refrigeration Unit	TEST FOR REFRIGERANT LEAKS	6M	IN PORT	TEST	N
MT002-00	AHU Refrigeration Unit	ANNUAL MAINTENANCE	12M	Anywhere	ROUTINE SERVICE	N
MT003-00	AHU Refrig. Unit Compressor	CHECK FILTERS & 12M MAINTENANCE		ANY	INSPECTION	N
MT007-00	MAC#1	INSPECTION/SERVICE	12M	IN PORT	INSPECTION	N
MT007-01	MAC#1 Compressor-Motor	Clean, examine and test motor	6M	IN PORT	CHECK	N
MT008-00	MAC#2	INSPECTION/SERVICE	12M	IN PORT	INSPECTION	N
MT008-01	MAC#2 Compressor-Motor	Clean, examine and test motor	6M	IN PORT	CHECK	N
MT009-00	Ducting, Valves And Ancillary Equipment	INSPECT DAMPER	12M	IN PORT	INSPECTION	N
MT011-00	Hood - Galley Range	Clean Range Hood and exhaust	12M	IN PORT	CLEAN	N
MT013-00	Ducting	Inspect & Clean Laundry Trunking	12M	IN PORT	CLEAN	N
MT013-00	Ducting	Inspect and Clean Trunking	60M	IN PORT	CLEAN	N
MU001-00	CO2 System - for Propulsion Motor	INSPECT	6M	IN PORT	INSPECTION	Y
MU001-00	CO2 System - for Propulsion Motor	TEST/SERVICE CO2 SYSTEM	12M	IN PORT	TEST	Y
MU001-00	CO2 System - for Propulsion Motor	SURVEY/REMOVE CO2 BOTTLE	60M	IN PORT	SURVEY	Y
MU002-00	Aqueous Film Forming Foam System	INSPECT AFFF	6M	IN PORT	INSPECT	Y
MU002-00	Aqueous Film Forming Foam System	INSPECT & TEST SYSTEM	12M	IN PORT	TEST	Y
MU003-00	Magazine Sprinkling	TEST MAGAZINE SPRINKLING SYSTEM	6M	IN PORT	TEST	Y
MU004-00	Galley Fire Extinguishing	RECHARGE GALLEY FIRE EXT, SYS,	6M	IN PORT	ROUTINE SERVICE	Y
MU005-04	Portable Firefighting Equipment 150 lb Novec Stored Pressure Extinguisher	12Monthly Annual Inspection	12M	IN PORT	INSPECTION	Y
MU009-00	Fire Shutter	Galley Fire Shutter Checks	6M	IN PORT	INSPECT & CHECK	Y

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
MV001-00	General Purpose Crane	OIL SAMPLE & LUBRICATE CRANE	3M	IN PORT	TEST	N
MV001-00	General Purpose Crane	INSPECT CRANE	12M	IN PORT	INSPECT	N
MV001-00	General Purpose Crane	GENERAL PURPOSE CRANE MECH	24M	IN PORT	ROUTINE SERVICE	N
MV001-00	General Purpose Crane	STATUTORY CRANE TEST	24M	IN PORT	SURVEY	Y
MV001-00	General Purpose Crane	Overhaul	60M	IN PORT	OVERHAUL	N
MV001-00	General Purpose Crane	POST CORRECTIVE MAINT CRANE TEST		IN PORT	TEST	N
MV003-00	Capstan Assembly	CAPSTAN MAINTENANCE AND SERVICE	12M	IN PORT	TEST	N
MV004-00	Capstan Hydraulic Power Unit	COLLECT HYDRAULIC OIL SAMPLE	6M	IN PORT	SAMPLE	N
MV004-00	Capstan Hydraulic Power Unit	DRAIN/FLUSH/REFILL HYDRAULIC UNI	60M	IN PORT	INSPECTION & MAINTENANCE	N
MV010-00	Anchor Windlass	SERVICING ANCHOR WINDLASS	6M	IN PORT	INSPECTION	N
MV010-00	Anchor Windlass	SURVEY/OVERHAUL WINDLASS	60M	IN PORT	SURVEY	Y
MV016-00	Diver Recovery Position Davit	GREASING AND VISUAL INSPECTION	12M	IN PORT	INSPECTION & MAINTENANCE	N
MV016-00	Diver Recovery Position Davit	Load Test	24M	IN PORT	TEST	Y
MV016-00	Diver Recovery Position Davit	Rope Replacement and Test	48M	IN PORT	TEST	Y
MV017-00	Stores Handling Davits	Lubricate/Inspect/Verify	12M	IN PORT	TEST	N
MV017-00	Stores Handling Davits	LOAD TEST	24M	IN PORT	TEST	Y
MV017-00	Stores Handling Davits	/Lubricate/Inspect/Load Test	48M	IN PORT	TEST	Y
MV019-00	Didsbury Hoist	SEMI-ANNUAL CHECKS	6M	Anywhere	CHECK	N
MV019-00	Didsbury Hoist	Inspect Bridle, eye, cruet	12M	Anywhere	CHECK	Y
MV019-00	Didsbury Hoist	TWO YEARLY MAINTENANCE	24M	Anywhere	CHECK	Y
MV019-00	Didsbury Hoist	STATUTORY HOIST TEST	24M	Anywhere	CHECK	Y
MW001-00	Provision Refrigeration Plant - General Components	QUARTERLY INSPECTION	3M	IN PORT	CHECK	N
MW001-00	Provision Refrigeration Plant - General Components	BI ANNUAL INSPECTION	6M	IN PORT	INSPECTION	N
MW002-00	Provision Refrigeration Plant - Compressor	SERVICE COMPRESSOR		IN PORT	MAJOR SERVICE	N
MW002-00	Provision Refrigeration Plant - Compressor	BI ANNUAL INSPECTION	6M	IN PORT	CHECK	N
MW002-00	Provision Refrigeration Plant - Compressor	ANNUAL INSPECTION	12M	IN PORT	INSPECTION	Y
MW004-00	Provision Refrigeration Plant - Condenser	CLEAN TUBES		IN PORT	CLEAN	N
MW004-00	Provision Refrigeration Plant - Condenser	BI ANNUAL INSPECTION	6M	IN PORT	CHECK	N
MW005-00	Provision Refrigeration Plant - Evaporator	Bi ANNUAL INSPECTION	6M	IN PORT	INSPECTION	N

3. PM Schedule for Ship Staff drawn from MIS dated May 2019 (PMS1)

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
EA001-00	Propulsion Alternator	CLEAN INLETS AND OUTLETS	1M	ANY	CLEANING	N
EA002-00	Main Power & Propulsion Switchboard	CHECK INDICATION		ANY	CHECK	N
EA003-00	Propulsion Thyristor Drives	INSPECT CABLE CONNECTIONS		Anywhere	CLEAN	N
EA004-00	Propulsion Motor	CHECK PROP MOTOR	3M	ANY	CLEANING	N
EA009-00	Thruster Control Panel Assembly	LAMP TEST		Anywhere	CHECK	N
EA010-00	Bridge Thruster Main Panel Assembly	LAMP TEST		Anywhere	CHECK	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
EA011-00	Bridge Wing Thruster Control Panel Assembly	LAMP TEST		Anywhere	CHECK	N
EA012-00	Secondary Steering Control Panel	LAMP TEST		Anywhere	CHECK	N
EA016-00	PGSCS UPS	CHECK PGSCS UPS	1M	ANY	TEST	N
EA017-00	Refrigeration 'locked-in' Alarm System	Check Security, insulation, test		ANY	CHECK	N
EA018-00	Primary Cooling Pump - Electric Motor	INSPECT MOTOR		ANY	INSPECTION	N
EA019-00	Standby Cooling Pump - Electric Motor	INSPECT MOTOR		ANY	INSPECTION	N
EA020-00	Integrated Fire And Damage Monitoring System	INSPECT UNIT		ANY	INSPECTION	N
EA020-00	Integrated Fire And Damage Monitoring System	CHECK LAMPS		Anywhere	CHECK	N
EA020-00	Integrated Fire And Damage Monitoring System	ASSIST IN INSPECTION	6M	ANY	TEST	N
EA024-00	Machinery Control Room Console	LAMP TEST		Anywhere	CHECK	N
EA024-00	Machinery Control Room Console	CLEAN	12M	Anywhere	CLEAN	N
EA025-00	Helmsman Console	LAMP TEST		Anywhere	CHECK	N
EA025-00	Helmsman Console	CLEAN	12M	Anywhere	CLEAN	N
EA026-00	Bridge Wing Console	LAMP TEST		Anywhere	CHECK	N
EA026-00	Bridge Wing Console	CLEAN	6M	Anywhere	CLEAN	N
EA028-00	Engineer's Assistance Alarm	Check Security, Test.		IN PORT	CHECK	N
EA031-00	Z Drive Primary Hydraulic Steering Motors	INSPECT MOTOR		ANY	INSPECTION	N
EA032-00	Z Drive Secondary Hydraulic Steering Motors	INSPECT MOTOR		ANY	INSPECTION	N
EA033-00	Z Drive Lube Oil Cooling Motors	INSPECT MOTOR		ANY	INSPECTION	N
EA906-00	SCR UPS	TEST UPS		ANY	TEST	N
EA929-00	Central Alarm And Monitoring System	SYSTEMS CHECKS	1M	IN PORT	ROUTINE SERVICE	N
EA929-00	Central Alarm And Monitoring System	SERVICE CAMS	6M	IN PORT	ROUTINE SERVICE	N
EA929-02	Central Alarm And Monitoring System CAMS UPS	CHECK CAMS UPS		ANY	TEST	N
EB002-00	Portable Transfer Pump - Electric Motor	INSPECT MOTOR		ANY	INSPECTION	N
EB003-00	Dirty Oil Pump - Electric Motor	INSPECT MOTOR		ANY	INSPECTION	N
EC003-00	Primary Transfer Pump - Electric Motor	INSPECT MOTOR		ANY	INSPECTION	N
EC005-00	F.O. Purifier Feed Pump - Electric Motor	INSPECT MOTOR		ANY	INSPECTION	N
EC006-00	F.O. Purifier - Electric Motor	INSPECT MOTOR		ANY	INSPECTION	N
EC009-00	F.O. Boost Pump - Control Panel	CLEAN AND CHECK		ANY	CLEANING	N
EC010-00	F.O. Boost Pump - Motor	INSPECT		ANY	INSPECTION	N
ED002-00	Air Compressor Electric Motor	INSPECT MOTOR		ANY	INSPECTION	N
EE002-00	Cathodic Protection	MEASURE HULL POTENTIAL		IN PORT	INSPECTION	N
EE003-00	General Service Pump - Electric Motor	INSPECT MOTOR		ANY	INSPECTION	N
EE004-00	Hull and Fire Pump - Electric Motor	INSPECT MOTOR		ANY	INSPECTION	N
EF003-00	Reverse Osmosis Feed Pump - Electric Motor 5hp	INSPECT MOTOR		ANY	INSPECTION	N
EF005-00	Reverse Osmosis Process Pump - Electric Motor	INSPECT MOTOR		ANY	INSPECTION	N
EF011-00	F.W. Pressure Set Pump - Electric Motor	INSPECT MOTOR		ANY	INSPECTION	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
EG002-00	Bilge Pump Electric Motor	INSPECT MOTOR		ANY	INSPECTION	N
EH002-00	Circ Pump - Electric Motor	INSPECT MOTOR		ANY	INSPECTION	N
EH003-00	Macerator Pump Motor	INSPECT MOTOR		Anywhere	CLEAN	N
EH004-00	Effluent Discharge Pump - Electric Motor	INSPECT MOTOR		ANY	INSPECTION	N
EH005-00	Air Blower - Electric Motor	INSPECT MOTOR		Anywhere	CLEAN	N
EH006-00	Grey Water Pump - Electric Motor	INSPECT MOTOR		ANY	INSPECTION	N
EH007-00	Hydrogen Sulphide (H2S) Gas Detector System	Verify System Indicators	6M	Anywhere	VERIFY	N
EI001-00	Mark 21 Data Acquisition System (Bathy)	Clean/Test	1M	Anywhere	CLEAN/TEST	N
EI004-09	MCDV OPS Room System (MORS) Multi-Function Console (MFC) No. 1 (Bridge)	Clean	1M	Anywhere	CLEANING	N
EI007-00	Degaussing System	6 Monthly Clean & Inspect	6M	Anywhere	INSPECT & CLEAN	N
EI007-00	Degaussing System	12Monthly Clean & Inspect	12M	IN PORT	INSPECT & CLEAN	Y
EI901-00	Oceanographic System	CLEAN, CHECK AND TEST		ANY	INSPECTION	N
EI901-00	Oceanographic System	CLEANINGS ROUTINES & TEST		ANY	INSPECTION	N
EI904-01	Mine Warfare Control System Ecpins (TACCON) Desk Console	CLEAN ECPINS DESK CONSOLE		ANY	CLEANING	N
EI904-02	Mine Warfare Control System Bridge Slave Assembly	CLEAN BRIDGE SLAVE DISPLAY		ANY	CLEANING	N
EI904-03	Mine Warfare Control System Data Analysis Console Assem	CLEAN DATA ANALYSIS CONSOLES		ANY	CLEANING	N
EI904-04	Mine Warfare Control System Data Analysis Computer Rack	CLEAN DATA ANALYSIS COMPUTER RK		ANY	CLEANING	N
EI905-00	Acoustic Positioning System (APS)	CLEAN MONITOR AND HYDROPHONE		ANY	INSPECTION	N
EI907-00	Degaussing System	CLEAN FILTER/SERVICE VENT	3M	ANY	ROUTINE SERVICE	N
EK001-00	Motor Alternator	CLEAN AND INSPECT		ANY	CLEAN	N
EK002-00	Auxiliary Alternator	CLEAN AND INSPECT		ANY	CLEANING	N
EK003-00	Emergency Alternator	CLEAN AND INSPECT		ANY	CLEANING	N
EK004-00	Shore Supply Connection Box	INSPECT SHORE POWER CABLES	6M	IN PORT	INSPECTION	N
EK005-00	Ship Service Switchboard	LAMP TEST		Anywhere	CHECK	N
EK006-00	Emergency Switchboard	LAMP TEST		Anywhere	CHECK	N
EK020-00	Navigation Lighting Panel	FUNCTIONAL CHECK		ANY	CHECK	N
EK020-00	Navigation Lighting Panel	TEST LIGHTING PANEL	1M	ANY	TEST	N
EK024-00	450/115v Normal Lighting & Misc. Power Transformer	INSPECT TRANSFORMER		ANY	INSPECTION	N
EK025-00	450/230v Commissary Power & Heating Transformer	INSPECT TRANSFORMER		ANY	INSPECTION	N
EK026-00	450/115v Emergency Lighting & Miscellaneous Transformer	INSPECT TRANSFORMER		ANY	INSPECTION	N
EK027-00	Isolated Power 115 V Transformer	INSPECT TRANSFORMER		ANY	INSPECTION	N
EK029-00	Battery - Emergency Diesel Starting	Check/Clean Batteries	1M	Anywhere	CHECK	N
EK031-00	Battery - Auxiliary Alternator Starting	Check/Clean Batteries	1M	Anywhere	CHECK	N
EK033-00	Final Resource Batteries	BATTERY TRANSFER TEST	1M	ANY	TEST	N
EK037-01	Motor Control Center 450V Equipment	CHECK	3M	IN PORT	ROUTINE SERVICE	N
EK037-02	Motor Control Center 600V Equipment	CHECK	3M	IN PORT	ROUTINE SERVICE	N
ER004-00	Emergency Whistle (Self Powered)	CHECKPUMP AND FUNCTIONING	1M	ANY	TEST	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
ER014-00	Shipboard Integrated Navigation and Display System	ROUTINE MAINTENANCE	1M	Anywhere	ROUTINE SERVICE	N
ER016-00	Window Wipers	3 MONTH CHECK		Anywhere	CHECK	N
ER017-00	Portable (Box) Whistle	CHECKPUMP AND FUNCTIONING		ANY	TEST	N
ER019-00	VHF Portable Radio Triton MP+/MPc	CLEAN/TEST		Anywhere	TEST	N
ER021-00	UHF Radio Communications Subsystem	CLEAN		ANY	CLEANING	N
ER024-00	Signalling Searchlight	TEST/CHECK/AND LUBRICATE	1M	ANY	LUBRICATION	N
ER025-00	Portable Hand Signalling Lantern	CLEAN LAMPS		ANY	CLEANING	N
ER029-00	Communication Control & Monitoring Subsystem	Clean and Check	3M	ANY	CLEANING	N
ER030-00	Message Processing Subsystem	Clean and Check	3M	ANY	CLEANING	N
ER033-00	Fire Control Sys	TEST FIRE CONTROL SYSTEM	12M	Anywhere	TEST	N
ER034-00	Sound Powered Telephone System	CHECK AND CLEAN		ANY	TEST	N
ER038-00	Main Intercom System	CHECK MAIN INTERCOM SYSTEM	1M	ANY	TEST	N
ER038-00	Main Intercom System	REMOTE SYSTEM CHECKS	1M	ANY	TEST	N
ER039-00	Automatic Telephone Subsystem (Mitel SX-50)	CHECK FOR WATER	1M	ANY	INSPECT	N
ER041-00	VHF Direction Finder	VOLTAGE CHECK OF THE DRY BATTERY	3M	ANY	TEST	N
ER043-00	Binocular Assembly	INSPECT, CLEAN & LUBRICATE	1M	Anywhere	INSPECT	N
ER047-00	Inmarsat-B Communications System	CHECK INMARSAT	3M	IN PORT	INSPECT/TEST	N
ER050-00	HF Radio Comms (Transmit) System. Transmitter	INSPECT/CLEAN/TEST	3M	ANY	CLEANING	N
ER051-00	HF Radio Comms (Transmit) System. Antenna Coupler	CHECK INTERNAL PRESSURE	1M	ANY	CHECK	N
ER053-00	HF Radio Comms (Receive) System. Receiver	SELF TEST	1M	Anywhere	TEST	N
ER054-00	HF Radio Comms (Receive) System. LF/MF/HF Preselector	CLEAN	3M	ANY	CLEANING	N
ER055-00	HF Radio Comms (Receive) System. LF/MF/HF Multicoupler	CLEAN	1M	Anywhere	CLEAN	N
ER056-00	HF Radio Comms (Receive) System. HF Multicoupler	CLEAN	1M	Anywhere	CLEAN	N
ER057-00	HF Radio Comms (Receive) System. Distress Receiver	CLEAN	1M	ANY	CLEANING	N
ER058-00	HF Radio Comms (Receive) System. Weather Facsimile	CLEAN, INSPECT AND TEST	1M	ANY	CLEANING	N
ER059-00	HF Radio Comms (Receive) System. Weather Facsimile #2	CLEAN/CHECK	1M	ANY	CLEANING	N
ER060-00	HF Radio Comms (Receive) System. HF Modems	CLEAN/SELF-TEST	1M	ANY	CLEANING	N
ER062-00	HF Radio Comms (Receive) Systems. Antenna	CLEAN AND INSPECT	1M	ANY	CLEANING	N
ER063-00	Direct Broadcast Satellite Television System	Check Cable Connectors	6M	Anywhere	CHECK	N
ER063-00	Direct Broadcast Satellite Television System	Check Connectors/Antenna Belt	12M	Anywhere	CHECK	N
ER069-00	Automatic Identification System (AIS)	6Monthly Check	6M	Anywhere	CHECK	N
ER071-00	X Band Radar (Sperry Marine)	Test X Band - Sperry	3M	Anywhere	CLEAN/TEST	N
ER072-00	S Band Radar (Sperry Marine)	Test S Band - Sperry	3M	Anywhere	TEST	N
ER073-00	Radar Displays & Interface Units (Sperry Marine)	Clean	3M	Anywhere	CLEAN	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
ER075-01	Kingston High Speed Data Connectivity Equipment Rack	Clean & Inspect	1M	IN PORT	INSPECT & CLEAN	N
ER075-01	Kingston High Speed Data Connectivity Equipment Rack	Clean	3M	IN PORT	INSPECT & CLEAN	N
ER075-02	Kingston High Speed Data Connectivity Powerstar UPS	Clean & Test	1M	IN PORT	INSPECT & CLEAN	N
ER076-00	NAVIGAT X MK1 Gyrocompass	1 Monthly Clean Inspect	1M	Anywhere	CLEAN & CHECK	N
ER909-00	Gyro Compass System	CHECK/CLEAN REPEATERS		Anywhere	CHECK	N
ER909-00	Gyro Compass System	TEST ACCURACY OF REPEATERS	1M	IN PORT	TEST	N
ER910-00	Magnavox 300 GPS System	REPLACE THREE N TYPE BATTERIES	6M	ANY	ROUTINE SERVICE	N
ER912-00	X Band Radar (Kelvin Hughes)	TEST		ANY	TEST	N
ER913-00	S Band Radar + Displays & Interswitch (Kelvin Hughes)	CLEAN		ANY	CLEANING	N
ER913-03	S Band Radar + Displays & Interswitch (Kelvin Hughes) * Nucleus 6000 Display	CHANGE NAVCARDS BATTERY		Anywhere	ROUTINE SERVICE	N
ER929-00	CCMS (superseded by new ER029)	CLEAN UNIT		ANY	CLEANING	N
ER929-00	CCMS (superseded by new ER029)	CLEAN THE RACK		ANY	CLEANING	N
ER930-00	MPS (superseded by new ER030)	CLEAN UNIT		ANY	CLEANING	N
ER930-00	MPS (superseded by new ER030)	CLEAN THE RACK		ANY	CLEANING	N
ES004-00	Microwave Oven	CLEAN INTERIOR AND FILTER		ANY	CLEANING	N
ES006-00	Potato Peeler	CLEAN & CHECK		ANY	CHECK	N
ES010-00	Meat Slicing Machine	LUBRICATE THE MEAT SLICER		ANY	LUBRICATION	N
ES012-00	Stacked Laundry Washer/dryer	CHECKS		Anywhere	CHECK	N
ES016-00	Milk Dispenser	CLEAN		ANY	CLEANING	N
ES908-00	Dishwasher (Superseded by new ES008)	CLEAN		ANY	CLEANING	N
ET003-00	AHU Refrig. Unit - Compressor Motor Lincoln 285T	INSPECT MOTOR		ANY	INSPECTION	N
ET003-00	AHU Refrig. Unit - Compressor Motor Lincoln 285T	CHECK MOTOR	6M	ANY	LUBRICATION	N
ET004-00	AHU - Heating Coil	CHECK INSULATION/RESISTANCE		ANY	TEST	N
ET005-00	AHU Supply Fan - Motor	CLEAN ELECTRIC MOTOR		ANY	CLEANING	N
ET015-00	Ventilation Blast Heaters	CLEAN & INSULATION TEST	6M	ANY	CLEANING	N
ET017-00	EF1 Heads/Wash places Exhaust Fan (Centrifugal)	CLEAN/INSPECT		ANY	CLEANING	N
ET018-00	EF4 Rope Store Exhaust Fan (Axial)	CLEAN/INSPECT		ANY	CLEANING	N
ET019-00	EF10 Wet Gear Store/Sweep Deck Workshop/Main Switchboard Room Exhaust Fan (Axial)	CLEAN/INSPECT		ANY	CLEANING	N
ET020-00	Fan Controllers: Exhaust EF1/EF3/EF4/EF5/EF6/EF10	CLEAN		ANY	CLEANING	N
ET021-00	SF2 Galley Supply Fan (Axial)	CLEAN/INSPECT		ANY	CLEANING	N
ET022-00	EF2 Galley/Forward Smoke Zone Exhaust Fan (Axial)	CLEAN/INSPECT		ANY	CLEANING	N
ET023-00	Fan Controllers: Supply SF2 Exhaust EF2	CLEAN		ANY	CLEANING	N
ET024-00	SF5/SF6/SF7/SF8 Fwd. /Aft Mach Rm Supply Fans & EF7/EF8 Fwd. /Aft Mach Rm Exhaust Fans (Axial).	CLEAN		ANY	CLEANING	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
ET025-00	SF9/EF9 Motor Room/ Z Drive Compartment Supply/Exhaust Fans (Axial)	CLEAN		ANY	CLEANING	N
ET026-00	EF3 Fan Room/Aft Smoke Zone Exhaust Fan (Axial)	CLEAN/INSPECT		ANY	CLEANING	N
ET027-00	EF5 Sewage Treatment Room Exhaust Fan (Axial)	CLEAN/INSPECT		ANY	CLEANING	N
ET028-00	EF6 Emergency Gen Comp't Exhaust Fan (Axial)	CLEAN/INSPECT		ANY	CLEANING	N
ET029-00	EF11 Fwd. Amr/Bow Thruster Comp't Exhaust Fan (Axial)	CLEAN/INSPECT		ANY	CLEANING	N
ET031-00	EF12/EF13 FMR/AMR Harbour Exhaust Fans	CLEAN/INSPECT		ANY	CLEANING	N
ET032-00	Fan Controllers: Exhaust EF12/EF13	CLEAN/CHECK		ANY	CLEANING	N
ET033-00	EF14 Stbd Void Space Exhaust Fan	CLEAN/INSPECT		ANY	CLEANING	N
ET034-00	Fan Controllers: Exhaust EF14	CLEAN/CHECK		ANY	CLEANING	N
EU009-00	Portable Electrical Submersible Pump	SURVEY/CLEAN/LUBRICATE/TEST		At Base	SURVEY	N
EU009-00	Portable Electrical Submersible Pump	CHECK	6M	IN PORT	CHECK	N
EU009-00	Portable Electrical Submersible Pump	CHECK	12M	IN PORT	CHECK	N
EU009-00	Portable Electrical Submersible Pump	CHECK	24M	IN PORT	CHECK	N
EU009-00	Portable Electrical Submersible Pump	SERVICE		Anywhere	SERVICE	N
EU010-01	Safety Appliances Evolution 4000 Thermal Imaging Camera	Check & Inspect	1M	IN PORT	ROUTINE SERVICE	N
EU010-02	Safety Appliances Beacon, Radio Emergency Position Indicating (EPIRB1)	Check EPIRB1	6M	IN PORT	CHECK	N
EV001-00	General Purpose Crane - Electrical Components	INSPECT MOTOR	1M	ANY	INSPECTION	N
EV002-00	General Purpose Crane - Starter	ELECTRICAL INSPECTIONS	1M	ANY	INSPECTION	N
EV004-00	Capstan Hydraulic Power Pack Electric Motor	CHECK MOTOR	1M	ANY	INSPECTION	N
EV010-00	Anchor Windlass - Electric Motor	INSPECT MOTOR	1M	ANY	INSPECTION	N
EV014-00	Anchor Windlass - Deck Controls	ELECTRICAL CHECKS		IN PORT	CHECK	N
EV014-00	Anchor Windlass - Deck Controls	CLEAN/CHECK ELECTRICS	3M	IN PORT	CHECK	N
EW002-00	Provision Refrigeration Compressor - Electric Motor	INSPECT MOTOR		ANY	INSPECTION	N
EW006-00	Evaporator Fan Motor Assembly	INSPECT MOTOR		ANY	INSPECTION	N
HA001-00	WT/GT Ventilation Flaps - Wing Nut and Bolt Secured	LUBRICATE FLAPS	6M	ANY	LUBRICATION	N
HA002-00	WT/GT Ventilation Flaps - Closing Wheel Secured	LUBRICATE HANDWHEEL MECHANISM	6M	ANY	LUBRICATION	N
HA003-00	WT/GT Jalousie Closures	Move the Control Levers that Operate the Jalousie Multi-Blade	2W	Anywhere	CHECK	N
HA003-00	WT/GT Jalousie Closures	LUBRICATE CLOSURES	6M	ANY	LUBRICATION	N
HA003-00	WT/GT Jalousie Closures	Lubrication	6M	IN PORT	LUBRICATION	N
HL001-00	Shell Plating	EXAMINE PAINTWORK - 3 MONTHS		IN PORT	INSPECTION	N
HN001-01	Ground Tackle Fittings Reversible Pad Eyes Scramble Net	Inspect Pad eyes		Anywhere	INSPECTION	N
HN001-03	Ground Tackle Fittings Light line Transfer Stations	Inspect and Verify		Anywhere	INSPECTION	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
HN001-04	Ground Tackle Fittings Towing Gear & Deck Lugs	Inspect & Clean		Anywhere	LUBRICATION	N
HN001-05	Ground Tackle Fittings Mooring Lines & Pick-up Ropes	Inspect		Anywhere	INSPECT	N
HN004-01	Anchor, Chain Cable & Associated Fittings Devil Claw & Blake Slip	Check and Lubricate		Anywhere	LUBRICATION	N
HN005-02	Rail Stanchions And Lifelines Life lines	Inspect and Verify		Anywhere	INSPECTION	N
HN009-00	Ship's Portable Gangway	Inspect guard rails prior to use		IN PORT	SURVEY	N
HO016-01	Watertight Lockers Ammunition Lockers	Inspect & Lube	1M	Anywhere	INSPECT & LUBRICATE	N
HP001-00	Watertight Doors - Quick Acting	GREASE AND INSPECT	6M	ANY	INSPECTION	N
HP002-00	Weather-tight Doors	GREASE & INSPECT	6M	ANY	LUBRICATION	N
HP003-00	Spray tight Doors	GREASE & INSPECT	6M	ANY	LUBRICATION	N
HP004-00	Bridge Doors	GREASE & INSPECT	6M	ANY	LUBRICATION	N
HP005-00	Quick Acting Hatches	GREASE & INSPECT	6M	ANY	LUBRICATION	N
HP006-00	Escape Scuttles	GREASE & INSPECT	6M	ANY	LUBRICATION	N
HP007-00	Dogged Hatches	GREASE & INSPECT	6M	ANY	LUBRICATION	N
HP011-00	Fixed/Heated Window	SYSTEM CHECKS	6M	IN PORT	INSPECTION	N
HP012-00	Watertight Vertical Sliding Window	GREASE & INSPECT	3M	ANY	INSPECTION	N
HQ001-02	Mast Fall Arrest System	Inspect		ANY	INSPECT	N
HU001-00	First Aid Kits And Stowage	Muster supplies, Replace	12M	ANY	CHECK	N
HU003-04	General Stowage Gas Rack	1 Monthly Check	1M	IN PORT	CHECK	N
MA001-03	Main Propulsion Diesel Prime Mover Lubrication System	TAKE LUBE OIL SAMPLE		IN PORT	SAMPLE	N
MA001-05	Main Propulsion Diesel Prime Mover Water Cooling System	NALFLEET	1W	Anywhere	CHECK	N
MA001-05	Main Propulsion Diesel Prime Mover Water Cooling System	Cool treat	1W	IN PORT	CHECK	N
MA010-00	Port & Stbd Propeller Assemblies	Inspect and Clean	12M	IN PORT	INSPECT & CLEAN	N
MA011-00	Z-drive - (Port)	LUB W/T BLKHD & INSPECT BRAKE		ANY	INSPECTION	N
MA011-00	Z-drive - (Port)	TAKE OIL SAMPLES	3M	ANY	SAMPLING	N
MA012-00	Z-drive - (Stbd)	LUB W/T BLKHD & INSPECT BRAKE		ANY	INSPECTION	N
MA012-00	Z-drive - (Stbd)	TAKE OIL SAMPLES	3M	ANY	SAMPLING	N
MA015-00	Main Machinery Rooms Cooling System	CHECK COOLING		Anywhere	CHECK	N
MA015-00	Main Machinery Rooms Cooling System	CLEAN STRAINERS	1M	Anywhere	CHECK	N
MA017-00	Thyristor Drive And Z-drive Cooling System	CHECK COOLING		Anywhere	CHECK	N
MA017-00	Thyristor Drive And Z-drive Cooling System	CHECK SYSTEM & CLEAN STRAINERS	1M	Anywhere	CHECK	N
MA018-00	Z-Drive Primary Cooling Pump	LUBRICATE & CHECK PUMP	3M	ANY	LUBRICATION	N
MA019-00	Z-Drive Standby Cooling Pump	LUBRICATE & CHECK PUMP	3M	ANY	LUBRICATION	N
MA027-00	Liquid Level Indicators Mechanical	LUBRICATE SPINDLES ON GAUGE VVs		ANY	LUBRICATION	N
MA027-00	Liquid Level Indicators Mechanical	CHECK VL PACKING/VERIFY MOVEMENT	3M	ANY	ROUTINE SERVICE	N
MB001-01	Lubricating Oil System Clean Lubricating Oil System	CHECK SYSTEM VALVES	3M	Anywhere	LUBRICATION	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
MB001-02	Lubricating Oil System Dirty Oil System	CHECK SYSTEM VALVES	3M	Anywhere	LUBRICATIO N	N
MB002-00	Portable Transfer Pump	CLEAN PUMP		ANY	LUBRICATIO N	N
MB003-00	Dirty Oil Pump	LUBRICATE & CLEAN PUMP	3M	ANY	LUBRICATIO N	N
MB004-00	Oily Water Separator	RECORD & CHECK VACUUM	1M	Anywhere	CHECK	N
MC001-00	Fuel Oil System	CLEAN STRAINERS		Anywhere	CLEAN	N
MC003-00	Primary Transfer Pump	LUBRICATE & CLEAN PUMP		ANY	LUBRICATIO N	N
MC003-00	Primary Transfer Pump	LUBRICATE		Anywhere	LUBRICATIO N	N
MC006-00	Fuel Oil Purifier (Centrifuge)	CLEAN SLUDGE BASKET		Anywhere	CLEAN	N
MD001-00	Compressed Air System	Check/Operate Valves	1M	Anywhere	CHECK/OPER ATE	N
MD002-00	Air Compressor	INSPECT CONDITION OF MOUNTINGS		ANY	INSPECTION	N
ME001-00	Fire & Wash deck System	CLEAN MUD BOX TYPE STRAINER		ANY	CLEANING	N
ME003-00	Pump, General Service	LUBRICATE & CHECK PUMP	3M	ANY	LUBRICATIO N	N
ME004-00	Hull And Fire Pump	LUBRICATE PUMP	3M	ANY	LUBRICATIO N	N
MF001-00	Fresh Water System	Backflush Sand Dechlorinator	1W	IN PORT	CHECK	N
MF001-00	Fresh Water System	INSPECT AND OPERATE	3M	IN PORT	CHECK	N
MF002-00	Reverse Osmosis Desalinator	PRESERVATION	1M	ANY	ROUTINE SERVICE	N
MF008-00	Drinking Fountain	CLEAN CONDENSER EXTERNAL	3M	ANY	CLEANING	N
MF010-01	Bromine Injection System Brominator Recirculator Unit	1Monthly Check	1M	Anywhere	CHECK	N
MF010-01	Bromine Injection System Brominator Recirculator Unit	12Monthly Checks	12M	Anywhere	CHECK	N
MF010-02	Bromine Injection System Desalinator Brominator Unit	1Monthly Inspect	1M	Anywhere	INSPECT	N
MF010-02	Bromine Injection System Desalinator Brominator Unit	6Monthly Check	6M	Anywhere	CHECK	N
MG002-00	Bilge Pump	GREASE BEARINGS		ANY	LUBRICATIO N	N
MH001-00	Vacuum Sewage Collection System	CLEAN SEWAGE SYSTEM PIPES	1W	ANY	CLEAN	N
MH001-00	Vacuum Sewage Collection System	EXAMINE PUMPS	1M	ANY	CLEANING	N
MH001-00	Vacuum Sewage Collection System	INSPECT FLUSH VALVES	2M	ANY	CLEANING	N
MH003-00	Sewage Treatment Plant	CHECKS & GREASING	1W	ANY	LUBRICATIO N	N
MH003-00	Sewage Treatment Plant	EXAMINE PUMPS	1M	ANY	CLEANING	N
MH003-00	Sewage Treatment Plant	AIR SCOUR MEDIA TANK	2M	ANY	CLEANING	N
MH003-02	Sewage Treatment Plant Tablet Chlorination Unit	REPLENISH CHLORINE FEEDER	1W	ANY	ROUTINE SERVICE	N
MH005-00	Grey Water System	Check/Clean Grease Trap	1W	ANY	LUBRICATIO N	N
MH005-00	Grey Water System	LUBRICATE VALVE SPINDLES	1M	ANY	LUBRICATIO N	N
MH006-00	Grey Water Pump	GREASE BEARING	3M	ANY	LUBRICATIO N	N
MH007-00	Grey Water Chlorine Tablet Feeder	Replenish Chlorine Tablet Feeder	1W	ANY	CHECK	N
MH008-00	Garbage Compactor	SERVICE UNIT		ANY	ROUTINE SERVICE	N
MJ002-00	Heavy Machine Gun .50 Calibre	Check 50 Cal Daily	1D	Anywhere	CHECK	N
MJ002-00	Heavy Machine Gun .50 Calibre	Check 50 Cal Weekly	1W	Anywhere	CHECK	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
MJ002-00	Heavy Machine Gun .50 Calibre	Certify 50 Cal	12M	At Base	CHECK	N
MJ002-00	Heavy Machine Gun .50 Calibre	50 Cal Pre & Post Firing Checks		Anywhere	CHECK	N
MJ901-00	40MM MK NC1 Naval Gun Mounting	INSPECT BREECH MECHANISM		Anywhere	ROUTINE SERVICE	N
MJ901-00	40MM MK NC1 Naval Gun Mounting	CLEAN AND INSPECT		At Base	INSPECTION	N
MJ901-00	40MM MK NC1 Naval Gun Mounting	ELEVATION/DEPRESSION SPEED TESTS		At Base	ROUTINE SERVICE	N
MJ901-00	40MM MK NC1 Naval Gun Mounting	HYDRAULIC FLUID SAMPLE		At Base	ROUTINE SERVICE	N
MJ901-00	40MM MK NC1 Naval Gun Mounting	REMOVE AND INSTALL GUN MOUNTING		At Base	MAJOR OVERHAUL	N
MJ901-00	40MM MK NC1 Naval Gun Mounting	Check Bofor	1D	Anywhere	CHECK	N
MJ901-00	40MM MK NC1 Naval Gun Mounting	OPERATIONAL CHECK	1W	Anywhere	ROUTINE SERVICE	N
MJ901-00	40MM MK NC1 Naval Gun Mounting	PRE-FIRING PROCEDURES		Anywhere	PRE-FIRING	N
MJ901-00	40MM MK NC1 Naval Gun Mounting	POST-FIRING PROCEDURES		Anywhere	POST-FIRNG	N
MK002-10	Auxiliary Alternator Diesel Prime Mover Group J - Cooling System	NALFLEET CHECKS	1M	Anywhere	CHECK	N
MT001-00	Air Handling Unit	REPLACE FILTERS/INSPECT/CLEAN	1M	Anywhere	ROUTINE SERVICE	N
MT002-00	AHU Refrigeration Unit	COMPRESSOR CHECKS		ANY	CHECK	N
MT007-00	MAC#1	CLEAN FILTERS & COILS		ANY	CLEANING	N
MT008-00	MAC#2	CLEAN FILTER & COILS		ANY	CLEANING	N
MT009-00	Ducting, Valves And Ancillary Equipment	CHECK AHU DAMPER		Anywhere	INSPECTION	N
MT013-01	Ducting Dryer Lint Filter	Clean & Check	1M	IN PORT	INSPECT & CLEAN	N
MT013-01	Ducting Dryer Lint Filter	Clean & Check		IN PORT	INSPECT & CHECK	N
MU003-00	Magazine Sprinkling	CHECK MAGAZINE VALVE	1W	ANY	CHECK	N
MU003-00	Magazine Sprinkling	Flush/Clean Control Panel	1M	ANY	CHECK	N
MU004-00	Galley Fire Extinguishing	GENERAL INSPECTION	1M	Anywhere	INSPECTION	N
MU005-01	Portable Firefighting Equipment CO2 Extinguishers	HYDROSTATIC TEST		At Base	TEST	N
MU005-01	Portable Firefighting Equipment CO2 Extinguishers	CHECKS	1M	IN PORT	CHECK	N
MU005-01	Portable Firefighting Equipment CO2 Extinguishers	INSPECT & WEIGH	12M	IN PORT	CHECK	N
MU005-01	Portable Firefighting Equipment CO2 Extinguishers	RETURN AFTER USE		Anywhere	CHECK	N
MU005-01	Portable Firefighting Equipment CO2 Extinguishers	Weigh & Survey Requirements		IN PORT	CHECK	N
MU005-02	Portable Firefighting Equipment Dry Chemical/Purple K Extinguishers	REPLENISH POWDER		IN PORT	CHECK	N
MU005-02	Portable Firefighting Equipment Dry Chemical/Purple K Extinguishers	WEEKLY CHECK	1W	IN PORT	CHECK	N
MU005-02	Portable Firefighting Equipment Dry Chemical/Purple K Extinguishers	WEIGH CARTRIDGE	1M	IN PORT	CHECK	N
MU005-02	Portable Firefighting Equipment Dry Chemical/Purple K Extinguishers	Check Dry Chemical	12M	IN PORT	CHECK	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
MU005-03	Portable Firefighting Equipment Air/Water/AFFF Extinguishers	HYDROSTATIC TEST		At Base	TEST	N
MU005-03	Portable Firefighting Equipment Air/Water/AFFF Extinguishers	CHECK EXTINGUISHER	1M	IN PORT	CHECK	N
MU005-03	Portable Firefighting Equipment Air/Water/AFFF Extinguishers	RECHARGE	36M	IN PORT	CHECK	N
MU005-04	Portable Firefighting Equipment 150 lb Novec Stored Pressure Extinguisher	1Monthly Inspect	1M	Anywhere	INSPECT	N
MU006-00	Breathing Apparatus	CLEAN AND INSPECT		IN PORT	INSPECTION	N
MU006-00	Breathing Apparatus	CLEAN & CHECK		Anywhere	CHECK	N
MU006-00	Breathing Apparatus	CLEAN & CHECK		Anywhere	CHECK	N
MU006-03	Breathing Apparatus EEBD (Emergency Evacuation Breathing Device)	EEBD	3M	IN PORT	CHECK	N
MU006-91	Breathing Apparatus Self-Contained Hazmat Series (OBSOLETE)	Weekly Checks	1W	Anywhere	CHECK	N
MU006-91	Breathing Apparatus Self-Contained Hazmat Series (OBSOLETE)	Monthly Checks	1M	IN PORT	CHECK	N
MU006-91	Breathing Apparatus Self-Contained Hazmat Series (OBSOLETE)	3M Checks	3M	IN PORT	CHECK	N
MU006-91	Breathing Apparatus Self-Contained Hazmat Series (OBSOLETE)	6M Checks	6M	IN PORT	CHECK	N
MU006-91	Breathing Apparatus Self-Contained Hazmat Series (OBSOLETE)	Parts Renewal	36M	IN PORT	REPLACE	N
MU006-91	Breathing Apparatus Self-Contained Hazmat Series (OBSOLETE)	OCC Clean		Anywhere	CLEAN	N
MU006-92	Breathing Apparatus Chemox (OBSOLETE)	CLEAN & CHECK	1M	Anywhere	CHECK	N
MU006-92	Breathing Apparatus Chemox (OBSOLETE)	CLEAN & CHECK	3M	Anywhere	CHECK	N
MU006-92	Breathing Apparatus Chemox (OBSOLETE)	CLEAN AND INSPECT	12M	IN PORT	INSPECTION	N
MU008-00	Portable Engine Driven Fire Pump	Check Clean		ANY	CHECK	N
MU008-00	Portable Engine Driven Fire Pump	Clean/Check/Test	1M	ANY	CHECK	N
MU008-00	Portable Engine Driven Fire Pump	Clean/Check/Test	3M	ANY	CHECK	N
MU008-00	Portable Engine Driven Fire Pump	Check/Replace/Test	6M	ANY	CHECK	N
MU008-00	Portable Engine Driven Fire Pump	Inspect/Check/Test	12M	ANY	CHECK	N
MU010-00	Damage Control & Fire Fighting Equipment	Check Hoses and Nozzles	1W	ANY	CHECK	N
MU010-00	Damage Control & Fire Fighting Equipment	CHECK HOSES	3M	ANY	CHECK	N
MU010-00	Damage Control & Fire Fighting Equipment	24M Check	24M	IN PORT	INSPECT	N
MU010-00	Damage Control & Fire Fighting Equipment	Check Foam Eductors		ANY	CHECK	N
MU010-01	Damage Control & Fire Fighting Equipment Shore, Aluminum, Adjustable	3M Inspect & Check	3M	IN PORT	INSPECT & CHECK	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
MU010-01	Damage Control & Fire Fighting Equipment Shore, Aluminum, Adjustable	24M Inspect & Lubricate	24M	IN PORT	INSPECT & LUBRICATE	N
MU010-01	Damage Control & Fire Fighting Equipment Shore, Aluminum, Adjustable	24M Inspect & Lubricate		IN PORT	INSPECT & LUBRICATE	N
MU010-02	Damage Control & Fire Fighting Equipment Damage Control Incident Boards, Lockers & Markings	Check & Lubricate	6M	IN PORT	CHECK & LUBRICATE	N
MU011-00	Life Saving Equipment-Hydrostatic Release	CHECK	2M	Anywhere	CHECK	N
MU011-00	Life Saving Equipment-Hydrostatic Release	ANNUAL TEST	12M	At Base	TEST	N
MU012-00	Life Saving Equipment - 30 Inch Lifebuoy	CHECK LIFEBOUY/MOUNTING	1M	ANY	CHECK	N
MU013-00	Lifebuoy Light - L41B	INSPECT LIFE BUOY LIGHT		ANY	INSPECTION	N
MU013-00	Lifebuoy Light - L41B	CHECK LIFEBOUY LIGHT		ANY	INSPECTION	N
MU013-00	Lifebuoy Light - L41B	REPLACE THE LIFE BUOY LIGHT		ANY	OVERHAUL	N
MU014-00	Man overboard & Buoy smoke	CHECK EXPIRY DATE	1M	ANY	OVERHAUL	N
MU014-00	Man overboard & Buoy smoke	REPLACE THE PAINS WESSEX	36M	ANY	OVERHAUL	N
MU015-00	Liferaft with Canister	CHECK CONTAINER	1M	IN PORT	CHECK	N
MU015-00	Liferaft with Canister	2M Check	2M	IN PORT	CHECK	N
MU015-00	Liferaft with Canister	STATUTORY INSPECTION	12M	IN PORT	CHECK	N
MU015-00	Liferaft with Canister	24M Check	24M	IN PORT	CHECK	N
MU015-00	Liferaft with Canister	SURVEY/INSPECT COMPONENTS	60M	IN PORT	CHECK	N
MU015-00	Liferaft with Canister	CHECKS AFTER HEAVY WEATHER		Anywhere	CHECK	N
MU016-00	Driver Projectile Unit - Hilti	INSPECT GUN	12M	IN PORT	INSPECTION	N
MU017-01	Clothing Outfit Damage Control Immersion Suit	6M Inspect & Clean	6M	IN PORT	INSPECT & CLEAN	N
MU017-01	Clothing Outfit Damage Control Immersion Suit	12M Inspect & Clean	12M	IN PORT	INSPECT & CLEAN	N
MU017-01	Clothing Outfit Damage Control Immersion Suit	Inspect & Clean		IN PORT	INSPECT & CLEAN	N
MV001-00	General Purpose Crane	WEEKLY CHECKS	1W	ANY	OPERATIONAL CHECK	N
MV001-00	General Purpose Crane	CHECK OIL LEVEL & LUBRICATE	1M	ANY	INSPECTION	N
MV003-00	Capstan Assembly	LUBRICATE		ANY	LUBRICATION	N
MV003-00	Capstan Assembly	LUBRICATE CAPSTAN	1M	ANY	LUBRICATION	N
MV010-00	Anchor Windlass	LUBRICATE		ANY	LUBRICATION	N
MV010-00	Anchor Windlass	LUBRICATE & INSPECT	1M	ANY	OPERATIONAL CHECK	N
MV015-00	Boat - RHIB	CHECK STARTING BATTERY		Anywhere	CHECK	N
MV015-00	Boat - RHIB	OUTBOARD MOTOR		Anywhere	CHECK	N
MV015-00	Boat - RHIB	WEEKLY INSPECTION PROCEDURES		Anywhere	CHECK	N
MV015-00	Boat - RHIB	RIB ELECTRICAL CHECKS		Anywhere	CHECK	N
MV015-00	Boat - RHIB	CHECK STRUCTURE AND CONDITION	1M	IN PORT	CHECK	N
MV015-00	Boat - RHIB	CHECK STRUCTURE AND CONDITION	6M	IN PORT	EXAMINE	N
MV015-00	Boat - RHIB	MAJOR MAINTENANCE	12M	IN PORT	EXAMINE	N
MV015-00	Boat - RHIB	LIFTING ARRANGEMENT TEST	24M	IN PORT	CHECK	N
MV015-00	Boat - RHIB	CRITICAL EXAMINATION	60M	IN PORT	CHECK	N
MV015-00	Boat - RHIB	BOAT MOTOR LAYUP		Anywhere	CHECK	N

Ship Index	Machine Description	Synopsis	Freq. Cal.	Location	Type	Certification Item
MV016-00	Diver Recovery Position Davit	GREASE DAVIT	1M	ANY	LUBRICATIO N	N
MV016-00	Diver Recovery Position Davit	Pre/Post Use Checks		ANY	LUBRICATIO N	N
MV017-00	Stores Handling Davits	GREASE DAVIT	1M	ANY	LUBRICATIO N	N
MV017-00	Stores Handling Davits	Inspect and Verify		ANY	LUBRICATIO N	N
MV019-00	Didsbury Hoist	MONTHLY CHECKS	1M	Anywhere	CHECK	N
MV019-00	Didsbury Hoist	POST STORAGE CHECKS		Anywhere	CHECK	N
MV019-00	Didsbury Hoist	Inspect Lifting Bridle Cruet		Anywhere	CHECK	N
MW001-00	Provision Refrigeration Plant - General Components	CHECKS	1W	Anywhere	CHECK	N
MW001-00	Provision Refrigeration Plant - General Components	CHECKS	1M	Anywhere	CHECK	N

Annex H – Controlled Goods

The following table is a snapshot as of May 2019 and can change depending upon the operational needs of the RCN.

1. KINGSTON Class Controlled Goods Overview

- 1.1 The external communications systems, Ship Indexes ER050 to ER062, comprise the bulk of the controlled goods stored in the ISS warehouses.
- 1.2 The equipment with ship index DG002 is obsolete. The associated spares are being gathered and will undergo the disposal process.

2. KINGSTON Class Controlled Goods – Onboard

- 2.1 The in-service support contractor is not responsible for managing controlled goods onboard once responsibility has been turned over to the crew.

3. KINGSTON Class Controlled Goods – Warehouse (East)

- 3.1 The following list contains 99 controlled good items.

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Qty	ITAR	
					Yes	No
DG002-01	RF-5710	HF MODEM (MD-5077(V)3/U	Harris Corporation RF Co.	8		
DG002-02	RF-3220	1KW INTFC OPT PWB	Harris Corporation RF Co.	1		
DG002-02	RF-3200E	HF Transceiver Complete	Harris Corporation RF Co.	1		
DG002-02	10212-1410	RCVR/XCTR PWB Assembly	Harris Corporation RF Co.	1		
DG002-02	10212-1310-20	Synthesizer PWB Assembly	Harris Corporation RF Co.	1		
DG002-03	RF-382-01	HF Coupler		1		
DG002-03	10208-5400	RF PWB	Harris Corporation RF Co.	1		
DG002-03	10208-5260	RF INTFC PWB Assembly	Harris Corporation RF Co.	1		
DG002-03	10208-5250	Coil Pack Assembly	Harris Corporation RF Co.	1		
DG002-03	10208-3200	Connector PWB Assembly	Harris Corporation RF Co.	1		
DG002-03	10208-3100	XCVR INTFC PWB Assembly	Harris Corporation RF Co.	1		
DG002-03	10208-3000	Power Supply Assembly	Harris Corporation RF Co.	1		
DG002-03	10208-1500	AF DSCRM PWB	Harris Corporation RF Co.	1		
DG002-03	10208-1300	Control PWB Assembly	Harris Corporation RF Co.	1		
DG002-03	10208-1270	Interconnect PWB	Harris Corporation RF Co.	1		
DG002-04	SB-V16B	HF Antenna		1		
DG002-05	RF-3236	Base Unit Power Supply	Harris Corporation RF Co.	1		
ER014-00	P-300075	DGPS/Beacon Receiver, Starlink Invicta 210	Offshore Systems International	1		
ER014-00	P-300073 (See Alt)	GPS Antenna	OSI Maritime Systems Ltd.	3		
ER014-00	P-300024	KVM Extender, CAT5, Remote Module	Offshore Systems International	2		
ER014-00	P-300012	30GB Maxtor Hard Drive (20 GB)	Offshore Systems International	1		
ER014-03	P300046	GPS Receiver/Antenna USB (Holux)	Offshore Systems Ltd.	2		
ER041-00	T351-16M	Antenna Cable		1		
ER050-00	6902-1060	APC/PPC PWB Assembly		1		
ER050-00	1VR1	Corcom EMI Filter		1		
ER050-00	10249-5500	Board Assembly, Dir. CPLR	Harris Corporation RF Co.	2		
ER050-00	10249-3000	Resonator Assembly		1		
ER050-00	10249-1500	Bandswitch Drive Assembly		1		
ER050-00	10249-1120	PWB Assembly, EMI/EM		1		
ER050-01	10121-6350	System Interface PWB Assembly	Harris Corporation RF Co.	1		
ER050-01	10121-6320	Lower System Interface	Harris Corporation RF Co.	1		
ER050-01	10121-6250	Remote Board Assembly	Harris Corporation RF Co.	1		
ER050-01	10121-5800	Power Supply Assembly	Harris Corporation RF Co.	1		

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Qty	ITAR	
					Yes	No
ER050-01	10121-5450	Audio 2 Assembly		1		
ER050-01	10121-5410	Lower Audio Assembly Fixture		1		
ER050-01	10121-5100-01	Output Amplifier PWB Assembly	Harris Corporation RF Co.	1		
ER050-01	10121-4650	Carrier Assembly		1		
ER050-01	10121-4610	Carrier Generator Assembly		1		
ER050-01	10121-4100-01	PLL 1 Assembly		1		
ER050-01	10121-3000	Power Supply Assembly	Harris Corporation RF Co.	1		
ER050-01	10121-2000-01	Front Panel Assembly	Harris Corporation RF Co.	1		
ER050-01	10121-1350-01	Rear Power Distribution PWB Assembly	Harris Corporation RF Co.	1		
ER050-01	10121-1200	Front Power Distribution PWB Assembly	Harris Corporation RF Co.	1		
ER050-01	10073-5300	Second Control Assembly		1		
ER050-01	10073-4500	PLL 5 PWB Assembly	Harris Corporation RF Co.	1		
ER050-01	10073-4400	PLL 4 PWB Assembly	Harris Corporation RF Co.	1		
ER050-01	10073-4200	PLL 2 PWB Assembly	Harris Corporation RF Co.	1		
ER050-02	6902-2400	Four-Way Combiner Module		1		
ER050-02	6902-1715	RF Sampler Assembly		1		
ER050-02	6902-1550	Four-Way Splitter Module		1		
ER050-02	6902-1190	Interface Interconnect Assembly		1		
ER050-02	6902-1160	Panel Interconnect Assembly		1		
ER050-02	6902-1158	FRONT PANEL ASSEMBLY		1		
ER050-02	6902-1080	Control PWB Assy		1		
ER050-02	6902-1070	Bandswitch PCB Assy		1		
ER050-03	6902-6030	Control PCB Assembly	Harris Corporation RF Co.	1		
ER050-03	6902-5109	250V Assembly	Harris Corporation RF Co.	1		
ER050-04	10249-1720-01	Motor Interface PWB Assembly		1		
ER050-04	10249-1600	Capacitor Drive PWB Assy	Harris Corporation RF Co.	1		
ER051-00	10257-5200	Coil Pack Assembly A8	Harris Corporation RF Co.	1		
ER051-00	10257-3100	PA & XCVR INT PWBA A7	Harris Corporation RF Co.	1		
ER051-00	10257-2500	6dB Pad Assembly A1	Harris Corporation RF Co.	2		
ER051-00	10257-2000	Capacitor Assembly A4	Harris Corporation RF Co.	1		
ER051-00	10257-1700	Interconnect Board Assembly A2	Harris Corporation RF Co.	1		
ER051-00	10257-1500	Discriminator Assembly A5	Harris Corporation RF Co.	2		
ER051-00	10257-1300	Control PWBA A3	Harris Corporation RF Co.	1		
ER052-00	V-802	Antenna. Complete (The sections are matched by SN) 35' Whip	CMC Electronics	5		
ER053-00	RF-553-01	RMT Presel Intfc		1		
ER053-00	10215-6300-01	ISB IF/Audio Assembly		4		
ER053-00	10215-6220	Remote Protection Assembly	Harris Corporation RF Co.	1		
ER053-00	10215-5410-01	IF/Audio Assembly	Harris Corporation RF Co.	1		
ER053-00	10215-4100	Synthesiser Assembly	Harris Corporation RF Co.	1		
ER053-00	10215-2800-01	Control Board	Harris Corporation RF Co.	1		
ER053-00	10215-2000	Front Panel Assembly	Harris Corporation RF Co.	1		
ER053-00	10215-1350	Power Distribution PWB Assembly	Harris Corporation RF Co.	1		
ER053-00	10215-1200	Power Distribution PWB Assembly	Harris Corporation RF Co.	1		
ER053-00	10073-5800	Audio Amplifier Assembly	Harris Corporation RF Co.	2		
ER053-00	10073-5200-03	First Converter Assembly	Harris Corporation RF Co.	1		
ER053-00	10073-5100	Input Filter PWB Assembly	Harris Corporation RF Co.	2		
ER053-00	10073-4600	BFO PWB Assembly	Harris Corporation RF Co.	2		
ER053-00	10073-3000	Power Supply Assembly	Harris Corporation RF Co.	1		
ER053-00	10073-1400	Chassis Power Distribution PWB Assembly	Harris Corporation RF Co.	1		
ER054-00	10323-3300	High Power Atten Assembly	Harris Corporation RF Co.	1		
ER054-00	10323-3200	Gain Control Assembly	Harris Corporation RF Co.	1		
ER054-00	10096-0130-01	RF Amplifier Assembly	Harris Corporation RF Co.	1		

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Qty	ITAR	
					Yes	No
ER055-00	N21-0026-002	LED Green, Diffused	Albrite Lighting Ltd	5		
ER055-00	N21-0026-002	LED Green, Diffused	Albrite Lighting Ltd	2		
ER055-00	10276-1600	Amplifier PWB Assembly	Harris Corporation RF Co.	1		
ER055-00	10276-1500	Diplexer PWB Assembly	Harris Corporation RF Co.	1		
ER055-00	10275-1300	Input Protection/Test Switch PWB Assembly	Harris Corporation RF Co.	1		
ER056-00	10275-1400	Splitter PWB Assembly	Harris Corporation RF Co.	1		
ER057-00	WK2182C	Distress Receiver		1		
ER062-00	RF-1985	ANTENNA	Harris RF Communications	2		
ER077-00	984-4799-005	CD, PC RCU-710, Without Engineering Options	Rockwell Collins	3		
ER077-01	VD-11-00059-1	ANTENNA - AS-5042/URC	Rockwell Collins	1		
ER910-00	RF-5710A	HF MODEM (RF-5710A MD001)	Harris	2		
ER910-07	10447-1120-001	Front Panel Assembly	Harris	1		
RS003-00	8049295-13	Circuit Card Assy	Allied Signal Inc.	3		

4. KINGSTON Class Controlled Goods – Warehouse (West)

4.1 The following list contains 26 controlled good items.

Ship Index	Mfg No	Mfg Part Description	Original Part Manufacturer	Qty	ITAR	
					Yes	No
ER014-00	P-300012	30GB Maxtor Hard Drive (20 GB)	Offshore Systems International	1		
ER014-00	P-300024	KVM Extender, CAT5, Remote Module	Offshore Systems International	1		
ER023-00	904-00033	PWA, ADIA		1		
ER030-07	915 COM3-0000	MHS Computer (CG if it has a hard drive in it)	Emcon Emanation Control Ltd	1		
ER050-00	6902-1060	APC/PPC PWB Assembly		1		
ER050-01	10073-5300	Second Control Assembly		1		
ER050-02	6902-2600	LOW PASS FILTER MODULE		1		
ER050-02	6902-1080	Control PWB Assy		1		
ER050-02	6902-1070	Bandswitch PCB Assy		1		
ER050-02	6902-2200	FINAL AMPLIFIER MODULE		1		
ER051-00	10257-2500	6DB Pad Assembly A1	Harris Corporation RF Co.	1		
ER051-00	10257-1700	Interconnect Board Assembly A2	Harris Corporation RF Co.	1		
ER051-00	10257-5200	Coil Pack Assembly A8	Harris Corporation RF Co.	1		
ER052-00	V-802	Antenna. Complete (The sections are matched by SN) 35' Whip	CMC Electronics	2		
ER053-00	10073-1400	Chassis Power Distribution PWB Assembly	Harris Corporation	1		
ER053-00	10215-6220	Remote Protection Assembly	Harris Corporation	1		
ER053-00	10073-5100	Input Filter PWB Assembly	Harris Corporation	1		
ER053-00	10215-1200	Power Distribution PWB Assembly	Harris Corporation	1		
ER053-00	10073-4600	BFO PWB Assembly	Harris Corporation	1		
ER053-00	10073-5800	Audio Amplifier Assembly	Harris Corporation	1		
ER053-00	10215-1350	Power Distribution PWB Assembly	Harris Corporation	1		
ER055-00	N21-0026-002	LED Green, Diffused	Albrite Lighting Ltd	17		
ER060-00	RF-5710	HF Modem	Harris Corporation RF Co.	7		
ER062-00	RF-1985	ANTENNA	Harris RF Communications	0		
ER075-00	SNC 2050	NODE Controller (Subnet Relay)	Cisco Canada	1		

Annex I – Special Tools and Test Equipment (STTE)

The following table is a snapshot as of May 2019 and can change depending upon the operational needs of the RCN.

1. KINGSTON Class Special Tools and Test Equipment Overview

- 1.1 As the KINGSTON Class is now in service for 25 years, a number of special tools and test equipment have been added to the onboard and warehouse inventories.
- 1.2 The special tools and test equipment developed since commissioning can be unique to coast.

2. KINGSTON Class Special Tools and Test Equipment – Onboard

Ship Index	System / Equipment	Mfg No	Mfg Part Description	Qty
MA011-00, MA012-00	Z-Drive (Port, Stbd)	N/A	Shaft Locking Device	2 per ship

3. KINGSTON Class Special Tools and Test Equipment – Warehouse (West)

Ship Index	System / Equipment	Mfg No	Mfg Part Description	Qty
MA001-05	Main Engine Water Cooling System	2.563782.3	Water Cooler Plates Fitting Tool	2
MA011-15, MA012-15	Z-Drive		LIPS Toolbox	1
MA011-15, MA012-15	Z-Drive		LIPS Toolbox	2
MF002-00	Reverse Osmosis Desalinator	1023104	Cylinder Liner Tool for C32 Plunger pump	2
MH001-00	Vacuum Sewage Collection System	3105	Compression Nut Tool	4
ST009-00	Specialized Hand Tool	02-906	LIPS Lamp Extractor Tool	8
ST009-00	Specialized Hand Tool	98-968	Metallic LIPs Panel Button Extraction Tool	1
ST009-00	Specialized Hand Tool	700-004.0	Standard Rubber Bulb Extractor Tool	2
ST011-00	Lubricant	LHMF-300/1-SKF	SKF Mounting Fluid (1 litre container) for LIPS Tool Kits	2
ST013-00, ST021-00	Various tools for deployment pack-up	#1	Deployment Pack Up Kit with Service Provider Tool Box	1
ST013-00, ST021-00	Various tools for deployment pack-up	#2	Deployment Pack Up Kit with Service Provider Tool Box	1

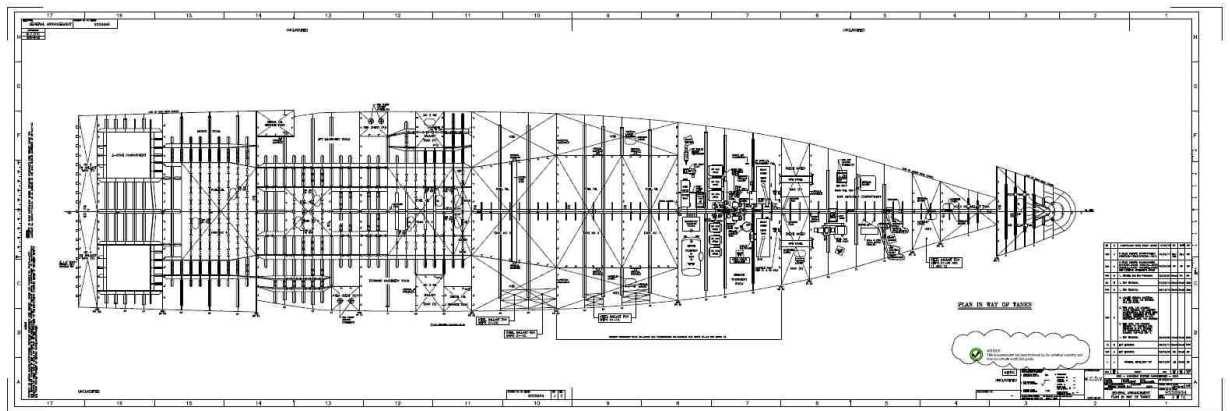
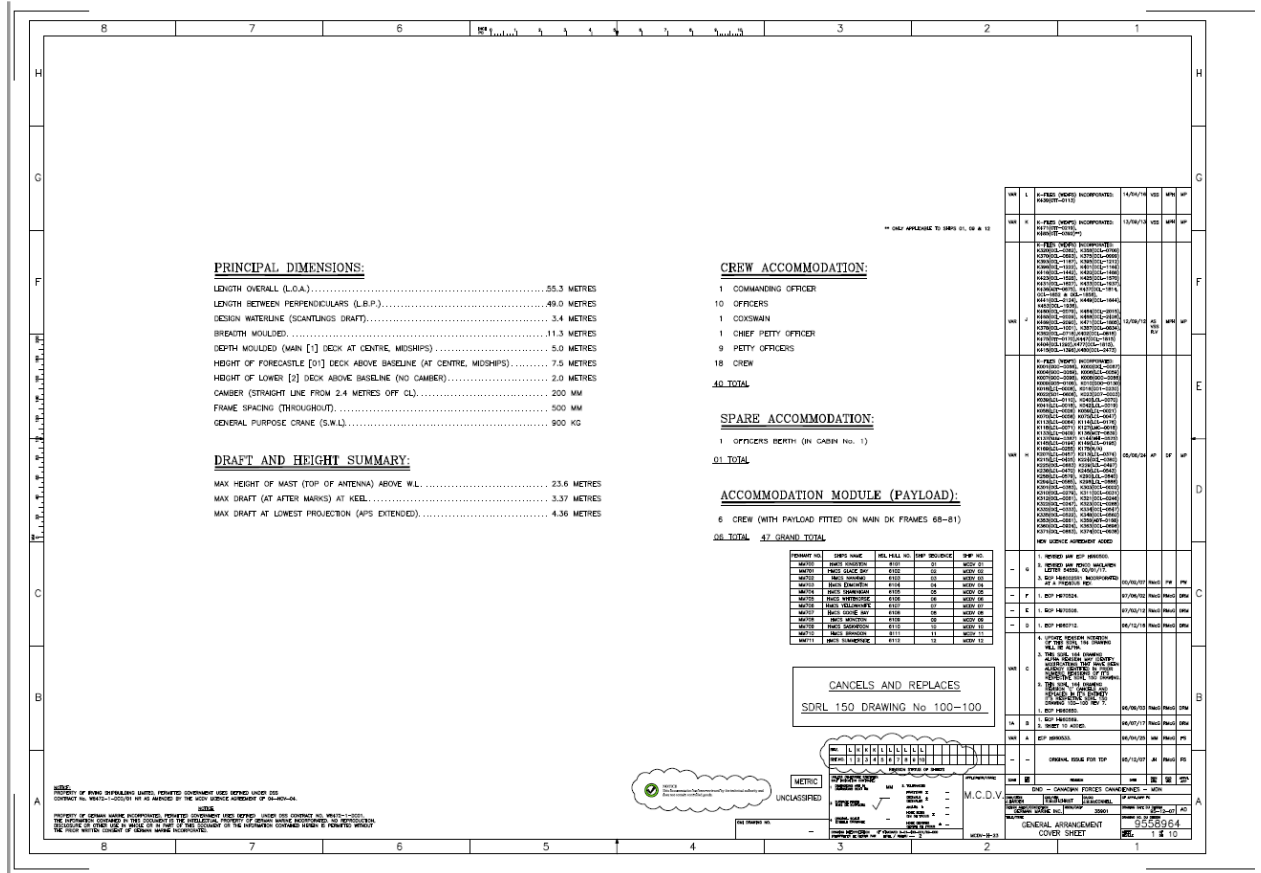
4. KINGSTON Class Special Tools and Test Equipment – Warehouse (East)

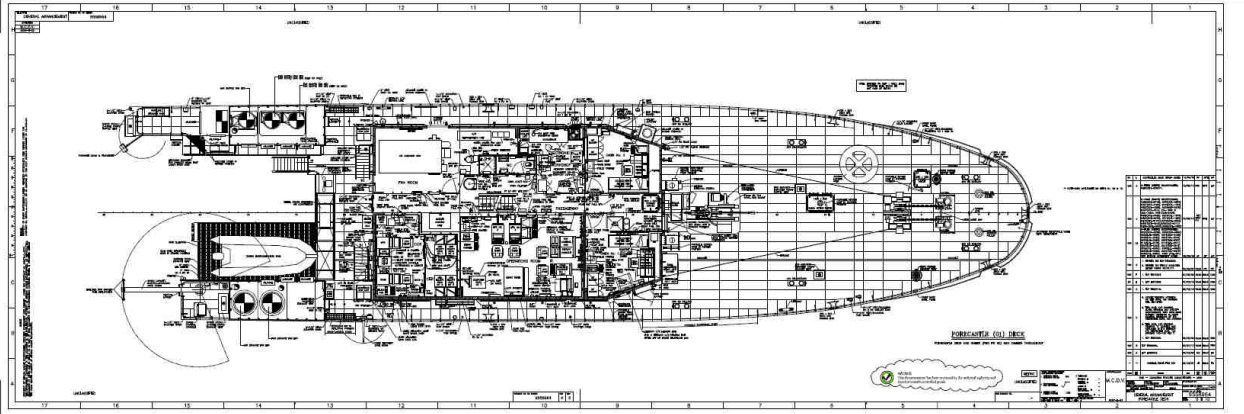
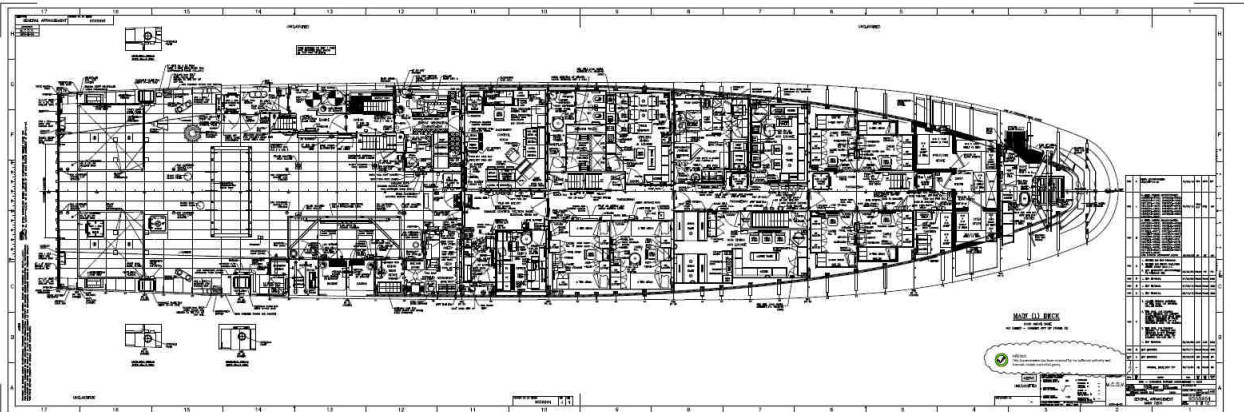
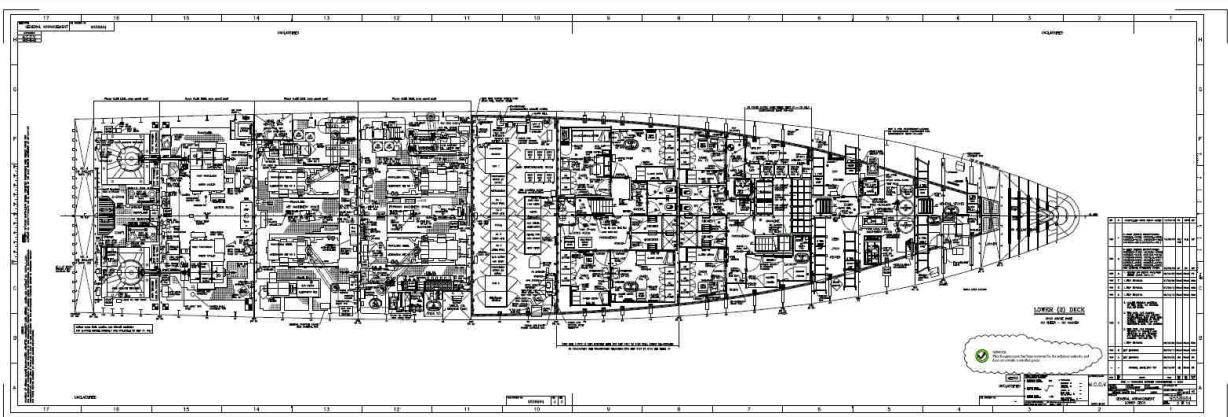
Ship Index	System / Equipment	Mfg No	Mfg Part Description	Qty
ST019-00	Various tools for deployment pack-up – primarily Main Engine tools	Tool Box 1	Tool Box 1	1
ST019-00	Various tools for deployment pack-up – primarily Main Engine tools	Tool Box 2	Tool Box 2	1
ST019-00	Various tools for deployment pack-up – primarily Main Engine tools	Tool Box 3	Tool Box 3	1
ST019-00	Various tools for deployment pack-up – primarily Main Engine tools	Tool Box 4	Tool Box 4	1
MC006-00	Fuel Oil Purifier	545840-80	Puller & Lifting Tool	1
MC006-00	Fuel Oil Purifier	548806-80	Compression Tool	2
MC006-00	Fuel Oil Purifier	545844-80	Mount & Dismount Tool	3
MC006-00	Fuel Oil Purifier	544555-01	Mounting Tool	3
MH001-00	Vacuum Sewage Collection System	3105	Compression Nut Tool	9
MH001-00	Vacuum Sewage Collection System	3105	Compression Nut Tool	1
ST019-00	Specialized Hand Tool	161D	Gaping Tool Metric & Standard	5
ST019-00	Specialized Hand Tool	SVT	Shradder V.V. Tool	3

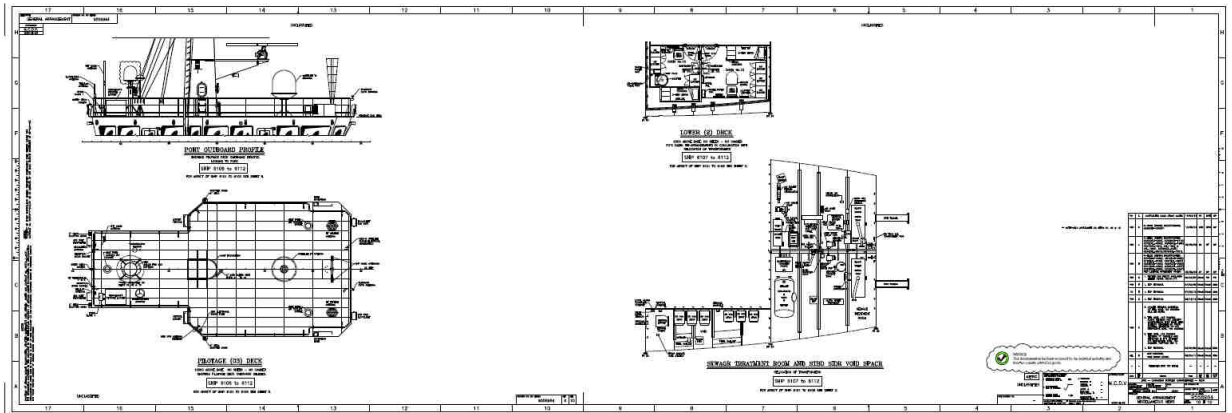
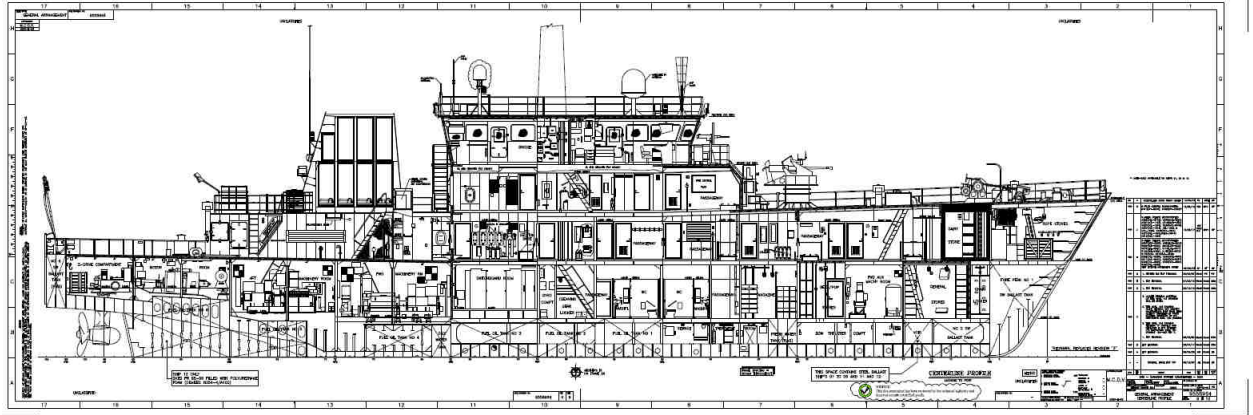
Ship Index	System / Equipment	Mfg No	Mfg Part Description	Qty
ER051-00	HF Radio Comms (Transmit) Antenna Coupler	Coupler removal kit	Tools for removing coupler	1

Annex J – General Arrangement

The following is a snapshot as of May 2019 and can change depending upon the operational needs of the RCN.







Annex K – Margins

The following is a snapshot as of May 2019 and can change depending upon the operational needs of the RCN.

HVAC – There is limited margin growth available. The AHU has no future growth margin. Based on the original design calculations, the HVAC refrigeration plant was properly sized to operate at 90% continuous loading and had a slight growth margin of 4%. Based on the original design calculations, MAC#1 was properly sized at “start of life”. Due to the installation of new electronic equipment in the Ops room and the CCR/CER, the 2.5% margin has been consumed and the MAC#1 is now 35% undersized. MAC#1 has no future growth margin. MAC#2 has no future growth margin. Based on the original design calculations, the distributed heaters are sufficiently sized, with various margins for future growth. The one exception is the heater for the CCR/CER, which is 3% undersized.

Electrical - There is limited margin growth available. Analysis identifies parts of the MCDV electrical system are loaded to their rating. The growth predicted to occur during the proposed 5-, 10-, and 15-year extension periods will result in those parts of the MCDV electrical system becoming loaded beyond their ratings. Given anticipated future load growth, the 600VAC system will sacrifice speed/functionality with the 650 kW restriction in place. Through the upsizing of identified overloaded equipment, it is feasible that the MCDV electrical system will have sufficient margin available for the proposed 5-, 10-, and 15-year extension periods.

Seawater - There is limited margin growth available. Seawater piping growth margins are summarized in the following table.

Seawater Piping Growth Margins

System	Margin
Diesel Engine Cooling Circuit	21.92%
Thyristor Drive and Thruster Cooling Circuit	23.77%
Auxiliary Diesel Alternator Cooling Circuit	22.48%
Fire and Wash Deck System	28.97%
AHU Condenser	38.09%
MAC#1 Condenser	61.14%
MAC#2 Condenser	75.02%

Fresh Water - There is limited margin growth available. Only part of the fresh water system possesses margins worth noting. The following subsystems are not areas of concern with respect to growth margins and are sufficiently sized to accommodate the maximum crew size:

- Fresh water distribution;
- Grey water collection;
- Grey water processing;
- Black water collection; and
- Black water processing.

The following subsystems have growth margins that are notable with respect to the size of the crew:

- Fresh water production;
- Fresh water storage;
- Grey water storage; and
- Black water storage.

These margins have been summarized in the following table:

Margins Remaining

System	TSOR Margin Remaining	CFTO Margin Remaining
Fresh Water Production	-4%	-4%
Fresh Water Storage	-11%	32%
Grey Water Storage	52%	28%
Black Water Storage	-1%	-350%