



CAPE LAMBERT AND CAPE LOBOS ACTIVATION PLAN

**Prepared by
Crowley Liner Services, Inc.
for
South Atlantic Region
U.S. Maritime Administration**

M/V CAPE LOBOS

AND

M/V CAPE LAMBERT

ACTIVATION PLAN

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M/V CAPE LOBOS and M/V CAPE LAMBERT

ACTIVATION PLAN

DISTRIBUTION LIST

No.	Location/Organization	Issue Date	Code
1	Crowley Liner Service Office		
2	Crowley Liner Service Port Engineer		
3	M/V CAPE LOBOS		
4	M/V CAPE LAMBERT		
5	MARAD – SAR		
6			
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RECORD OF REVISIONS:

Rev	Sections Replaced	Replaced By	Date
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INTRODUCTION

1. PLAN OBJECTIVE

It is intended that this Activation Plan will provide details, sequences of events, time lines and individual responsibilities that, when executed, will result in the successful activation, crewing, testing, provisioning, storing, sea trial and deployment of CAPE LAMBERT or CAPE LOBOS, in Phase “O” status, within the allotted time frame of 10 days.

This is a contingency plan and it is expected that situations may arise that will necessitate deviating from this plan in the course of its implementation. Every effort has been made to include all the resources in this manual necessary to execute this plan, as well as providing options for unforeseen contingencies.

It is extremely important that all persons involved read and familiarize themselves with this plan.

2. THE SHIP MANAGER’S COMPANY POLICY

The smooth and efficient transition from a “Ready Reserve Force” RRF-10 to Phase O Operation Status is the goal of the Ship Manager. This activation, whether completed under training exercise or national defense operation, is dependent upon the dedication, knowledge and expertise of the personnel involved. This goal can only be achieved through quality work habits and a commitment to excellence.

3. TYPES OF ACTIVATIONS:

MARAD has assigned two types of activations, which may be directed, depending upon the circumstances.

3.1 NO NOTICE ACTIVATION

MARAD provides no advance activation notification to activate the ship to Phase O. Time is very critical for this type of activation. The vessel must be activated, crewed, provisioned and stored, all regulatory body requirements completed, dock trial and sea trial completed, and the ship reported ready for Phase “O” operations within the 240 hours allotted.

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“No Notice” activations are usually directed by the DOD either in response to a need to press the vessel into service in order to meet an urgent operational need or to test the Ship Manager’s ability to accomplish activation and crewing within the requisite time frame.

3.2 NOTICE ACTIVATION

MARAD provides advance activation notice to activate the ship from Phase IV Maintenance (without crew) to either Phase IV Maintenance (with crew) or Phase O (Operations). Notice activations for RRF 10 and 20 day ships can be for sea trial purposes or dry docking completion but usually are done in support military exercises and may have extended activation period in order to conserve funding. However, the vessel is expected to be activated, crewed, provisioned and stored, all regulatory body requirements completed, and trials completed within the 240 hours allotted.

4. PLAN DISTRIBUTION

This activation plan will be distributed in accordance with the distribution page found at the front of this manual.

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**A. ACTIVATION SCHEDULE
AND ACTIVATION TIMELINE**

<u>TIME</u> (Hrs)	<u>ACTIVITY</u>	<u>RESPONSIBILITY</u>
<u>DAY 1</u>		
+0	MSC notifies MarAd Headquarters, Washington, D.C.	MSC
+0.2	MarAd Headquarters notifies MarAd - South Atlantic Region	MARAD HQ
+0.4	MarAd - South Atlantic Region notifies the Ship Manager's	MARAD – SAR Contracting Officer or alternative Ship Operations
+0.5	The Ship Manager confirms activation notice with MarAd - South Atlantic Region ACO/COTR	The Ship Manager's Contracting Officer
+0.5	The Ship Manager notifies Activation Team and conducts an Activation Team staff meeting as soon as possible	The Ship Manager's Contact Personnel
<u>Members of the Activation Team</u>		
Director Vessel Operations		
Director, Engineering		
Contracting Officer		
Senior Port Engineer		
Group Port Engineer		
Crewing Coordinator		
+0.6	Notify JRRF and plan to tow the vessel to the activation site.	Port Engineer
+0.7	Notify vessel husbanding agents and coordinate crew joining.	Port Engineer

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<u>TIME</u> (Hrs)	<u>ACTIVITY</u>	<u>RESPONSIBILITY</u>
+0.7	<p>Contact technical representatives for the following trades: (where required) MAIN ENGINE/ CONTROLS RADIO/ COMMUNICATIONS NAVIGATIONAL EQUIPMENT HYDRAULIC EQUIPMENT CARGO HANDLING</p> <p>MECHANICAL CONTRACTOR ELECTRICIANS</p> <p>Purchase Orders to be issued to the vendors for technical assistance deemed most capable for specific tasks based on previous contracts, performance, and specific vessel requirements. Industrial Assistance and labor shall be obtained by the issuance of three (3) pre-cut Request For Quotations (RFQ's) to local yards and industrial assistance vendors. Immediate responses (within 1 hour of notification by telephone or telefax) shall be required. Work will begin within few hours of Notice to Proceed is given.</p>	Port Engineer
+0.9	Contact AMO and SIU to man the vessel as soon as possible	The Ship Manager's Crewing Coordinator
+1.0	Issue pre-cut requisitions to vendors at this time based on anticipated length of activation, and coordinate delivery with site office personnel. Tentative bunker requirements will be addressed according to vessel fuel oil onboard, and information on possible load ports. Diesel and lubricating oil inventories shall be on hand for supplemental requisitions. Charts and publications will be ordered as required.	The Ship Manager's Buyer
+3.0	Dispatch Group Port Engineer to site	The Ship Manager
+4.0	Dispatch Assistant Port engineer to the site.	The Ship Manager

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<u>TIME</u> (Hrs)	<u>ACTIVITY</u>	<u>RESPONSIBILITY</u>
ACTIVATION FACILITY		
+2	JRRF plan to prepare the ship for removal	Fleet Personnel
+4	Deactivate lay-up security, fire and flood detection systems	Fleet, Contractor
+4	Notify local USCG and ABS offices of the vessel activation and that their services may be required. Provide them with tentative activation schedule.	Port Engineer
	Note: This notice would only be required if the vessel to be activated has outstanding deficiencies with either authorities. Under normal conditions, vessel will have all valid certificates.	
+12	Meeting with P/E, COTR, and Shipyard representatives Outline details of activation and delegate responsibilities	Port Engineer
+12	Shipyard prepares to receive ship.	Activation Shipyard
+12-24	Depending on the time of the day rest available time will be used to tow the ship to the activation site.	Port Engineer JRRF Personnel Shipyard/Towing Co.

DAY 2

+24	Daily SITREP is to be forwarded MARAD ACOT, COTR, SOMO and Ship Managers' headquarters using the SITREP Spreadsheet as well as the report in Appendix 10.	Port Engineer
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This report is to include status and event milestones, completion of events, or initiation of recovery actions. Recovery preparations shall include the adjusted schedule, adjustment to the overall critical path timetable, recovery time, and estimated additional costs.

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<u>TIME</u> (Hrs)	<u>ACTIVITY</u>	<u>RESPONSIBILITY</u>
	Master, Chief Engineer, 1 st Assist Engr. Chief Steward and one S/A begin reporting onboard. Crew to be placed In the hotel.	
+24	As crew members arrive onboard vessel, they are assigned specific duties and general cleaning, and organizing spaces to be commenced.	Port Engineer Asst Port Engineer
+24	Commence the following Activation Items	Port Engineer
	A) DH Equipment disconnect and remove	Asst Port Engineer
	B) Removal of DH Sealing	Shipyard
	C) Commence Reassembling valves, closing plugs Replacing removed piping	
	D) Removal of Stack Covers	
	E) Start M/E Activation	
	F) Start A/E Activation	
	G) Commence Cleaning house	
	H) A/C and Reefer reactivation	
<u>DAY 3</u>		
+48	Ship's crew continue reporting onboard. Crewing and travel arrangements (under FTR guidelines) to vessel are made through the Ship Manager's Crewing Coordinator. Room assignments, room keys are issued and duties assigned.	Port Engineer Master
	A) If hotel services are available aboard vessel, the crew will remain on board.	

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<u>TIME</u> (Hrs)	<u>ACTIVITY</u>	<u>RESPONSIBILITY</u>
	B) In the event hotel services are not yet available, the crew will be accommodated in a local hotel. Arrangements are to be made through the local agent under FTR guidelines. Master is to make travel arrangements for transporting crewmembers to/from vessel.	Master
+48	As crew members arrive onboard vessel, they are assigned specific duties and general cleaning, and organizing spaces to be commenced.	Master Chief Engineer
+48	Steward's Department distributes linen and makes up rooms.	Chief Steward, Steward Utility
+48	Continue working on systems started on Day 2	
+48	Commence removal of hull blanks if valves and piping system are reinstalled and tested for tightness	Shipyards
+48	Receive and store stores	AP/E, Steward
+48	Start Main Engine Jacket Water Heater.	Chief Engineer / 1A/E
+48	Start Lubricating Oil Purifiers and Heaters	Third Asst Eng
<u>DAY 4</u>		
+72	Sound all F.O., L.O., ballast, and water tanks. C/E to inform Port Engineer of days steaming time with fuel oil onboard to determine bunker requirements for possible loading ports.	2A/E, C/M
+72	Top off all fresh water tanks.	3A/E QMED
+72	Test Cargo Vent Fans.	C/M
+72	Start Diesel Generator No. 1 and test on line	Chief Engineer/ First Asst Eng

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<u>TIME</u> (Hrs)	<u>ACTIVITY</u>	<u>RESPONSIBILITY</u>
+75	Reinstall and test Navigation Equipment.	C/M Tech Rep.
+76	Test HVAC System, A/C and Reefer System and commission	C/E, 1A/E
+76	Chief Steward establishes menu and sets meal schedule based on delivery schedule of initial order of foodstuffs.	Chief Steward
+76	Continue working on unfinished systems started on from Day 3	
+76	Continue removal of hull blanks if not completed on Day 3	Shipyard
+76	Continue to receive and stow stores	AP/E, Steward
<u>DAY 5</u>		
+96	Test Operate Cargo Gear.	Chief Mate
+96	Test Evaporator Salinity Cells.	Chief Engineer
+96	Operate Winches.	Chief Mate / Bosun
+96	Operate Anchor Windlass.	Chief Mate / Bosun
+96	Test Navigation and emergency lights.	Chie Mate or Second Mate (If aboard)
+96	Start Diesel Generator No. 2 and test on line.	Chief Engineer or First Asst Eng
+96	Test all batteries for General Alarm and Communications	Third Asst Eng.
+100	Test all communications equipment with Radio Equip	2/M / Radio Tech Rep.
+100	Continue to receive and stow stores	AP/E, Steward

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<u>TIME</u> (Hrs)	<u>ACTIVITY</u>	<u>RESPONSIBILITY</u>
+144	Chief Engineer sets watches for Engine Department for 0001 hours of day 7.	Chief Engineer
+100	Shift to ship's power and disconnect shore power.	Chief Engineer or First Asst Eng
+100	Continue working on unfinished systems started on from Day 4	
+100	Continue to test sea water and fire system valves and piping system are reinstalled	Shipyard
<u>DAY 6</u>		
+120	Begin testing the following machinery: MAIN ENGINES STEERING GEAR BOWTHRUSTER STERNTHRUSTER EMERGENCY GENERATOR EMERGENCY STARTING AIR COMPRESSOR	Chief Engineer First Asst Eng M/E Tech Rep. Automation / Control Rep.
+120	General overall inspection and acquaintance of vessel for all involved.	Crew
+120	Receive and stow steward, deck and engine stores	Chief Steward chief Cook with Industrial Assistance
+120	The remainder of Day 6 is to be spent finishing any outstanding repairs and new problems in order to have all systems ready for testing. Recovery preparations shall include the adjusted schedule, adjustment to the overall critical path timetable, recovery time, and estimated additional costs as soon as possible. If possible, prepare to Dock Trial 1 day early, preparations would be made to operate all systems on day 7.	Technical Reps. Ind. Asst laborer

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<u>TIME</u> (Hrs)	<u>ACTIVITY</u>	<u>RESPONSIBILITY</u>
<u>DAY 7</u>		
+144	Chief Mate sets watches for Deck Department for 0001 hours of day 7.	Chief Mate
+144	Vessel continues to receive stores and urgent	First Asst Eng. spares Chief Mate Chief Steward, Vessel Crew With Industrial Assistance
+144	Make all preparations to receive bunkers. Chief Engineer will inspect the entire fuel transfer system to ensure readiness to receive fuel.	Chief Engineer Second Asst Eng
+144	When entire crew is aboard, hold fire and boat drills. Ensure each member of crew is instructed in their duties and in the operation of all emergency gear.	C/M / Chief Engineer
+144- 167	The remainder of day 7 to be spent finishing repairs, loading stores, spares and provisions and testing auxiliary systems to prepare for MSC dock trial on on day-8	Deck, Engine and Steward Depts., Tech, and Industrial Assistance
<u>DAY 8</u>		
+168	BEGIN DOCK TRIALS Demonstrate operational testing of the following machinery Per MSC/MARAD guidelines: MAIN ENGINES BOWTHRUSTER STERNTHRUSTER STEERING GEAR EMERGENCY GENERATOR COMMUNICATION EQUIPMENT	Vessel Activation Team Vessel's Crew Port Engineer M/E Tech Rep. Automation / Controls Rep. Marad Surveyor Nav. Equip Tech Rerp.

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<u>TIME</u> (Hrs)	<u>ACTIVITY</u>	<u>RESPONSIBILITY</u>
	EVAPORATOR CARGO GEAR (BOW & STERN DOORS, ELEVATORS) ANCHOR WINDLASS NAVIGATION EQUIPMENT COMMUNICATION EQUIPMENT	Cargo Gear Tech. Rep Hydraulic Tech Rep Radio / Communication Tech Rep
	In addition, any auxiliary machinery or equipment deemed significant by the MARAD shall be proven operational.	
+144- 167	The remainder of day 8 to be spent finishing repairs, loading stores, spares and provisions and testing auxiliary systems to prepare for MSC sea trial on on day-9	Deck, Engine and Steward Depts., Tech, and Industrial Assistance
<u>DAY 9</u>		
+192	Departs for Sea Trial before tendering to MSC	Sea Trial Team MARAD Surveyor
+192- 215	BEGIN SEA TRIALS AHEAD FULL POWER ASTERN TEST GENERATOR TESTS STEERING TESTS ANCHOR TESTS BOW/STERN THRUSTER TESTS EVAPORATOR TESTS NAVIGATION EQUIPMENT	Sea Trial Team MARAD Surtveyor MARAD Sea Trial Observer MSC Rep Port Engineer Vessel Crew Tech Reps
<u>DAY 10</u>		
+216-	Complete Sea Trial and Tender vessel to MSC.	MARAD Surveyor Port Engineer

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**B. VESSEL LOCATION
AT ACTIVATION FACILITY**

M/V CAPE LAMBERT and CAPE LOBOS are presently in RRF-10 status at the James River, Fort Eustus, Virginia Ready Reserve Fleet and the activation can not be accomplished at that site.

It is planned to move M/V CAPE LAMBERT and CAPE LOBOS, as a “Dead Ship Tow”, to an alternate activation site, either a “Full Service” Shipyard or other suitable pier, as elected by MARAD.

At “Notice to Activate”, CLS will arrange for either a Shipyard availability to accomplish activation or a suitable alternate pier, after consultation with MARAD. CLS may tow the ship as part of the activation specifications, or on a separate Purchase Order to the towing company. In order to expedite towing CLS has identified four local towing companies in the area, Moran Towing, McAllister Towing, Bay Towing and Bay Gulf Towing to assist the ship with towing. Their details are included in the approved vendor list in Appendix 5 of this plan. Prior to the award contractors’ and towing company rates will be verified by the Port Engineer and the Contracting Officer for reasonableness against historical rates and other available data available for that particular location.

ACTIVATION SHIPYARD SOLICITATION, EVALUATION AND SELECTION:

Because of M/V CAPE LAMBERT and CAPE LOBOS are in RRF-10 Status at the JRRF, Fort Eustus, Virginia, services of a full service shipyard is required to activate the ships. It is, therefore, planned to tow the ships as a “Dead Ship Tow”, to a “Full Service” Shipyard, or if one not available then to another suitable pier in consultation with MARAD.

CLS has identified four full service shipyard repair facilities near the JRRF lay-up facility. There are three (3) major full service shipyards located in Norfolk/Newport News, Virginia with dry-dock and wet berths that are capable of accommodating the M/V CAPE LOBOS / CAPE LAMBERT. There are also numerous industrial support facilities in the vicinity for round-the-clock industrial and technical assistance, if necessary. A complete list of prime and sub-contractor list is included as Appendix 5.

All Dehumidification systems removal, hull blank removal, activation of all systems, activation repairs, tests, inspections and dock trials will be accomplished at this shipyard facility. All stores, provisions, spares, bunkers, etc. will be received at this facility as well.

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**C. SOLICITING, EVALUATING AND SELECTING
TECHNICAL AND INDUSTRIAL ASSISTANCE**

1. NO-NOTICE ACTIVATIONS

1.1 Because of M/V CAPE LAMBERT and CAPE LOBOS are in RRF-10 Status at the JRRF, Fort Eustis, Virginia, services of a full service shipyard is required to activate the ships. Therefore a “Full Service” Shipyard, or if one not available then other Industrial Assistance vendors capable of providing all required services as per the activation specification shall be selected and Purchase Orders issued to accomplish the activation at another suitable pier.

1.1 SHIPYARD SELECTION WHERE REQUIRED:

Pre-written Activation Specification as Request For Quotations (RFQ’s) will have been distributed to the local industrial support concerns deemed most capable for supplying skilled and unskilled industrial assistance. Specialized technical assistance will be procured by issuing Purchase Orders (PO’s) to the vendors deemed most capable from bids received to provide the services. In some cases, the only qualified technicians (Manufacturer’s Authorized Representative) for a particular piece of equipment (i.e. MacGregor for cargo access equipment, LIPS for Propellers, etc.) as a sole source contractor.

When the Ship Manager receives an Activation Notification for one or both of the CAPE “L” class vessels, the pre-written pre-approved RFQ’s will be telefaxed (if not already pre-priced) to a minimum of three (3) shipyard/repair facilities as mentioned above. From the moment these facilities receive the solicitations, they have six (6) hours to respond to the RFQ. Responses received after six (6) hours will be deemed late and non-responsive. Responses to the RFQ will be requested by telefax transmission. Towing is included as a Line Item in the Activation Specification. If the successful Shipyard is not able to provide the towing services on time, or if there is delay in confirming a Shipyard, CLS will arrange for the towing of the vessel to the Repair Facility.

The award will be made within two (2) hours after the response deadline, based on the best value and the funding availability from MARAD. MARAD may provide verbal Task Orders with original written copy to be followed. Notice To Proceed will be given as soon as possible after bid is awarded.

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The contractor will be required to work round-the-clock shifts. The towing of the vessel shall be arranged at the earliest possible opportunity from the JRRF Facility based on weather conditions and approval of the COTP, Hampton Roads. Commencement of work is required to begin one (1) hour after the vessel has arrived the Shipyard.

- 1.2 For RRF vessel activation, MARAD issues task orders to the Ship Manager, designating a task order for a 'Not To Exceed' dollar amount for the activation. MARAD may issue more than one task order in some cases to cover other Industrial Assistance activities and support services. The Ship Manager will then issue the purchase orders within the scope of the funding document for items such as industrial assistance, technical assistance, provisions, stores, spares, crew, bunkers, etc.

2. PLANNED ACTIVATIONS AND MAINTENANCE ACTIVATIONS

- 2.1 The Ship Manager will select facilities and award contracts based on normal RFQ procedures. Solicitations for an activation will be conducted on a full and open competitive basis. The best value bidder will be selected based on pre-pricing or current bids, as the successful facility to accomplish the activation.

3. SHIPYARD CONTRACT CHANGE ORDERS AND COMPENSATION

- 3.1 The Shipyards and contractors are required to submit Condition Reports detailing the deviation of the work in relation to the specifications, or details of emerging work to the Port Engineer with a proposal and estimate to correct the condition. Port Engineers, after interpretation of specification, careful review of the condition report and discussion, issues Change Orders (C.O), if found legitimate.
- 3.2 In the absence of a national emergency declaration, displacement of existing work by RRF ship activations will require documented authority from the cognizant Naval Officials as follows:
 - 3.2.1 In case of a schedule conflict involving Navy work, the Naval Sea Systems Command or cognizant Navy Type Commander will provide written or telex notice of the priority, via the cognizant Navy Supervisor of Shipbuilding, Conversion and Repair (SUPSHIP), to the affected facility. This will usually be accompanied by a contract change order.

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D. “NO-NOTICE” ACTIVATIONS

Crowley Liner Services’ primary point of contact for notification of a “No-Notice” or any other type of activation is the Director of Vessel Operations. If the Vessel Operations Director is not available, the Director of Engineering serves as an alternate.

Director, Vessel Operations: Cole Cosgrove

When an activation notice is received, the Director, Vessel Operations notifies CLS personnel in the following sequence:

Port Engineer:	Del Price
Senior Port Engineer	Paul Varghese
Contracting Officer:	Pat Murphy
Director of Engineering:	Mike Golonka
Director, Marine Operations	Jim Gillen

The Port Engineer and Assistant Port Engineer will immediately leave for the vessel lay-up location. The Port Engineer will contact the JRRF personnel immediately and start making arrangements for breaking-out of the ship the current lay-up location. The Port Engineer will also notify the USCG, ABS and other local regulatory bodies inspectors and vessel agents.

The Senior Port Engineer notifies the following personnel:

Crewing Coordinator:	Edwin Colon
Senior Labor Reations Representative	Lester Wiiliams
Payroll Supervisor:	Heike Lynagh
Buyer:	Marian Mobley
Personal Injury Claims:	Joy Sargent
Activation Coordinator:	Judy Hagerty/Curt Hingson
Navigant Travel Coordinator:	Vicki Penton

All office personnel can be reached through the CLS 24-hr office telephone number (904) 727-2254. CLS Contact List is provided separately to all relevant parties by the contract Administrator as “Ship Manager Information Sheet,” revised at least every six months, or as necessary. The current copy is attached as Appendix 1.

Should an activation notice be issued outside of normal business hours, on a weekend or on a holiday, CLS has established a system for contacting office staff. The Duty Personnel is appointed to handle emergency communications. MARAD is kept advised of the contact numbers through the

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Ship Manger Information Sheet. The duty Personnel Pager Number is (800) 329-2761. When a call is received by the CLS Duty Personnel, the Duty Personnel contacts Director, Vessel Operations. If, for some reason, the Director Vessel Operations cannot be reached, the Duty Personnel will cycle through CLS Emergency Contact Telephone Numbers List until a responsible person has been reached. The Director, Vessel Operations (or responsible person) then contacts the CLS senior staff members in accordance with the established chain of command as noted above.

A meeting will be scheduled with the key office staff personnel as soon as possible for the purpose of coordinating the activation. Other notifications, requisitioning of supplies and the like will be accomplished per the Activation Schedule.

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**E. UPDATING AND DISSEMINATING
“NOTIFICATION / ALERT LIST”**

The Ship Manager will update this plan as necessary.

Plan holders should notify the Ship Manager’s Contracting Officer and / or Director, Vessel Operations when their after hours telephone numbers or other contact information change.

After adding new or removing old pages, the plan holder shall complete the “Record of Changes” chart.

This plan will be updated within 30 days after the completion of every activation. If there is no activation during a given year, then the plan will be reviewed and updated on an annual basis.

Changes in the Ship Manager’s personnel or changes in contact information will be forwarded to all holders of the Activation Plan as they occur as Revised “Ship Manager Information Sheet.” Contractor and sub-contractor changes will be handled in a similar fashion.

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**F. SHIP MANAGER
KEY PERSONNEL TRAINING**

The Ship Manager's key personnel (office) attended a training session in the requirements of the RRF Ship Manager Contracts and their responsibilities in fulfilling contract requirements. This training included in detail the makeup of the plan and the requirements to implement the plan. Each element of the plan was written with direct input from each of the activation participants, and discussed in detail. In addition, CLS has identified an Activation Coordinator who is very familiar with the plan, and can attend activations to assist the Port Engineer and the Master as needed. The Port Engineer was given the task to review the parts of the Activation Plan unique to his assigned vessels and to correct and incorporate any items or comments received from the ship. These procedures not only involved the Port Engineers in updating of the Activation Plan but also ensured that all CLS key personnel are fully conversant with the Activation plan during Phase IV Lay-up.

Before issue, the Plan was reviewed in detail with all activation staff and review comments were requested from each of the following key personnel: the Port Engineer, Director of Engineering, Director, Vessel Operations, Contracting Officer, Crewing Coordinator, Activation Coordinator and Senior Port Engineer. Any updates will be approved by this group of key personnel, and a yearly review schedule was agreed on to ensure that it is reviewed internally at least once a year if not more often.

A copy of the Activation Plan for each ship is kept in the CLS Home Office, and another is retained aboard each vessel. In addition, the Port Engineers have copies of the Activation Plan for each of their assigned ships. Upon receipt of the Activation Notice, the Director, Vessel Operations is responsible for making the Activation Plan immediately available to all CLS key personnel involved in supervising and supporting the activation of the ship.

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**G. SHIP MANAGER'S
ACTIVATION REQUIREMENTS**

1. SELECTION OF ACTIVATION FACILITY

The activation facility will be selected for the activation of the M/V CAPE LOBOS or CAPE LAMBERT per Section B of this Plan.

2. ACTIVATION COORDINATION BY SHIP MANAGER

The Operations Department arranges for and coordinates all activation services with appropriate vendors including contractors and regulatory agencies. The assigned Port Engineer supervises the ship activation in association with this Activation Plan. He/She ensures all regulatory body inspections and surveys are completed to obtain the documents and certificates necessary to keep the ship in class and ready for sea.

CLS Port Engineer is in charge of the activation team that consists of the Port Engineer, Assistant Port Engineer (if assigned), Master and an Administrative Support Person (Activation Coordinator) if assigned. The Port Engineer has prime responsibility for implementing this Activation Plan. He/She arranges for meetings at the start of each 12-hour shift in order to coordinate planned work. Meeting attendees will include:

Port Engineer (Leader)
MARAD Surveyor
Assistant Port Engineer
Contractor's Ship Supervisor
Technical Representatives of Independent Contractors
Representatives of Regulatory Agencies
Ship's Master and Chief Engineer
MSC Representative (if applicable)

3. PURCHASING

Precut requisitions as per Appendix 2 covering items on stores and Initial Outfitting Lists for the Deck, Steward and Engine Departments for 7, 90 or 180 day periods are distributed to the area vendors identified in Appendix 5 for pricing by the Purchasing Department. CLS intends to pre-price these requisitions in advance to avoid delay during a no notice activation. Vessel Steward, working in conjunction with the Activation Team, oversees vessel provisioning and makes arrangements for a storing gang to move delivered provisions to storerooms and reefer spaces aboard ship. Purchasing Department arranges for the delivery of fuel oil to the vessel

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or for shifting to a bunker berth as conditions dictate. The Port Engineer makes the fuel request to the Purchasing Department.

Material and services required to support the activation are normally procured by the contractors through the Activation Award or Change Order. CLS Purchasing Department is prepared to procure any required material or services not provided by the contractors. See the Operations Plan for requisitions and interface procedures.

4. CREWING INCLUDING ALTERNATIVE LABOR SOURCES

All CLS ships are crewed with AMO licensed officers and SIU Unlicensed ratings. Upon direction to activate, the Marine Personnel Department contacts AMO and SIU to begin the crewing process. Using CLS maritime personnel computer database, a list of available mariners is generated. This list of potential crewmembers including any special training and unique qualifications is matched against the open billets on each ship. This information is in addition to that obtained from the maritime Unions. Crew selection and travel arrangements are expedited to support the activation schedule. Our primary source for crewing RRF ships are our contracted maritime Unions, American Maritime Officers (AMO) and the Seafarer's International Union (SIU), including relief crews from our other operating vessels. If required, during a full-scale mobilization or at any time that crew shortages occur and cannot be filled using our primary source, CLS may contact licensed manpower from MEBA I and the MM&P. In such an instance, the Director, Vessel Operations advises MAR-250 and MAR-745 of the need to use alternate labor sources.

5. PORT ENGINEERING SERVICES (24 HOUR BASIS)

CLS Activation Team includes the Port Engineer and an Assistant Port Engineer (if assigned) to provide around-the-clock supervision. This two-shift coverage provides for a minimum of one-hour overlap between watches to support No-Notice Activations. The Port Engineer is in charge of CLS activation team and has primary responsibility for the implementation of this activation plan.

6. PORT CAPTAIN SERVICES

CLS does not utilize Port Captain services for MARAD activations.

7. CONDUCTING FULL POWER SEA TRIAL

Because the vessel is maintained in a Ready Reserve Force (RRF 10) status, a full power Sea Trials shall be conducted at the time of activation. After the Sea Trials and when the ship is

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ready to conduct unrestricted operations, the Port Engineer reports to the MARAD Surveyor that the ship is ready for tender to MSC. If directed by COTR, the Ship Manager shall offer ship for tender to MSC. However, MARAD usually performs this function.

8. QUICK LOOK REPORT

The Director, Vessel Operations submits a Port Engineer generated "Quick Look Report" on the Activation to the MARAD COTR within 48 hours of completion of Activation. An After-Action Report covering Activation through Deactivation will be submitted within 30 days following the return to phase IV.

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**H. SHIP MANAGER
PERSONNEL AUGMENTATION**

CLS Group Port Engineer attends all activations as the “On-Scene” manager. However, the Group Port Engineer is responsible for two ships. In the event of multiple activations involving both of the ships assigned to a Group Port Engineer, an alternate “Lead Port Engineer” will be provided to attend one ship while the regularly assigned Group Port Engineer attends the other. CLS maintains a computer generated “Address Book” containing company names, addresses, phone/fax numbers and names of key personnel for contractors, technical representatives, vendors, suppliers and regulatory agencies throughout the United States and foreign countries where CLS does business.

The Director of Engineering / Senior Port Engineer contacts sources as required to obtain temporary personnel to augment permanent staff in case of simultaneous multiple activations: See the attached list of “Outside Personnel Phone Numbers and Source of Temporary Personnel”. This personnel list is continually updated, adding and deleting personnel as required.

OUTSIDE PERSONNEL PHONE NUMBERS
SOURCE OF TEMPORARY PERSONNEL

<u>Name</u>	<u>Telephone Number</u>
Norman Gauslaw	(904) 246-8526
Lou Cascone	(504) 400-8925
Willie Kirchner	(863) 494-6662
Jim Molloy	(603) 367-8478
John Nelson	(662) 563-9278
Chris Stefano	(757) 583-2502
Relief Crews	(In House)

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I. MARAD, ABS, USCGPERSONNEL, CONTRACTORS AND SHIPYARDS

During activation, one or more of the organizations given below shall be contacted for assistance. A list of key agencies and firms including those listed below that could be involved in some capacity with activation of the vessel is included in this Section.

Appendix 4 Includes all Key MARAD, MSC, ABS and USCG Offices and Personnel.

MARAD regional key personnel

MSC Offices and Personnel

ABS, USCG, and other regulatory bodies

Maritime unions

Appendix 5 includes all Prime and Sub-contractors and other categories given below.

Suppliers of equipment and provisions

Towing companies

Subcontractors

Shipyards and Ship Repair Contractors

Technical and service representatives

Bunker suppliers

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**J. SCREENING, INTERVIEWING
AND BRIEFING PROCEDURES**

Selection of Masters and Chief Engineers for RRF vessels is influenced by several factors. Although qualification, ability and experience are predominant on the list of requirements, they are not the only factors that influence the decision. Among other things, leadership quality and educational background stand out in the screening.

Masters and Chief Engineers are selected from the AMO (AFL-CIO) and CLS follows all the guidelines and collective bargaining agreements in selecting the right candidate for the positions. CLS maintains a database of competent mariners at the Jacksonville, Florida office and hence enjoys a significant advantage in selecting best candidates to serve as Masters and Chief Engineers.

The screening and interviewing of the vessel's Master(s) and Chief Engineer(s) are administered by CLS Director of Vessel Operations with the assistance of the Crewing Coordinator. The Crewing Coordinator screens educational qualifications, licensing requirements, specialized training and previous work history. The short listed candidates are then interviewed to assess their ability and leadership qualities among other things, before being forwarded to Director, Vessel Operations for further scrutiny.

Initially, CLS receives the resume and/or a CLS employment application of a candidate. The Marine Index Bureau is contacted (via fax/phone) for a confidential history of illness/injuries and disciplinary incidents, if any on record. Previous employers are contacted directly (when time permits) to verify their capabilities. This information is reviewed with their performance history for further consideration. Related experience and the recommendations of our ships' officers are also used to aid in the selection process.

CLS, as a result of its previous commercial operations, has contact with a number of Masters who had previously sailed for the company, some being on vacation and others sailing at a lower ranks. As a result of this CLS tries to assign only key personnel to the vessel who are proven and known. The Chief Engineers are selected by the same criteria. In the case of Chief Engineers, CLS has another advantage in having six ships in ROS-5 status with proven records. CLS thus will be able to select very deserving, trustworthy and capable Chief Engineers from within the CLS RRF Operating group of ROS engineers if the need arises.

CLS has the right of selection of Master and Chief Engineer in consultation with the MARAD-COTR/ACO. Prospective crewmembers are advised by the Crew Coordinator that they will serve as full-time crewmembers upon receipt of activation orders. CLS conducts performance reviews on maintenance crewmembers regularly.

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Selected candidates are briefed during the initial phase of crew-up as time and schedule permits. They are also required to view the Ship's Familiarization Video, and familiarize with the contents of the ship familiarization Booklets and Forms. They are required to take the quiz in the familiarization Booklets and return all forms duly completed as soon onboard.

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**K. SHORESIDE STAFF INTERIM
PROCEDURES PRIOR TO CREW ARRIVAL**

Upon receipt of the activation notification, the Senior Port Engineer / Contract Administrator contacts Navigant Travel, FL (available 24 hours) and makes immediate travel arrangements for members of the Activation Team, who shall be on-site. In the interim, the Port Engineer will commence the activation procedure with the Activation Shipyard and Industrial Assistance Contractors. The Activation Team normally consists of the Port Engineer, Assistant Port Engineer and a Supervisory Personnel. The Senior Port Engineer approves purchase orders for pre-selected technical representatives and specialty services. The Activation Team, led by the Port Engineer, promptly convenes a joint planning meeting at the activation site to coordinate all activities required to make the vessel ready for sea within the specified readiness period in accordance with this Activation Plan and the Activation Specification. Throughout the activation, the Port Engineer conducts shift meetings to coordinate the activities of the repair contractors, if any, the technical representatives and the regulatory agencies. Progress versus the schedule is closely monitored, potential problems identified and corrective action initiated.

Upon direction to activate, the Crewing Coordinator/Operations Department contacts AMO and the SIU to begin the crewing process. The Crewing Coordinator utilizes his computerized database of manpower resources to facilitate the personnel contact process and to selectively crew the ship according to its unique skill/qualification requirements.

The Supervisory Team Member supports the Port Engineer and will work closely with the ship's Master when he/she arrives. He/She monitors crewing, storing, provisioning and will make arrangements for bunkering the ship. He/She coordinates the checkout and testing of cargo and deck gear, navigation equipment, and the inspection of life saving equipment by the U.S Coast Guard.

The Assistant Port Engineer supervises vessel provisioning and makes arrangements for a storing gang to move delivered provisions to storerooms and reefer spaces aboard ship.

The Contract Administrator makes temporary lodging arrangements for the crew until the accommodation is ready for habitability and hotel services are commenced. The Crewing Coordinator ensures that the ship's agent arranges for personnel transportation to and from the ship during this time period.

The Activation Coordinator or Contract Administrator prepares the ship's administrative package and sends it to the ship via local agent. This package contains the forms and documents listed in the Operations Manual plus CLS Corporate policies and standard operating procedures. The Buyer coordinates medical supplies through CLS' medical advisor, MAS. Buyer also arranges for stores, outfittings, supplies, provisions and bunkers.

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Director, Vessel Operations closely monitors the progress of the Activation by frequent communications with the Activation Team. He/She anticipates and provides any unplanned shore side or site support as required in meeting the Activation schedule. He/She coordinates with the Port Engineer and MARAD Surveyor and notifies the Region SOMO/COTR of daily progress and any important occurrences.

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L. DETAILED MANNING ROSTER

The minimum manning rosters for the M/V CAPE LOBOS / CAPE LAMBERT is listed on the vessel’s United States Coast Guard Certificate of Inspection. A copy of this certificate for the ship is included in this section. The manning roster as specified by MARAD in the Ship Manager’s contract is also included in this section. Reduced Operating Status (ROS) and Full Operating Status (FOS) manning requirements are also included.

CREW LIST

POSITION DESCRIPTION	MIMUM MANNING	ROS STATUS	PHASE “O” STATUS
MASTER	1		1
CHIEF MATE	1		1
2 ND MATE	1		1
3 RD MATE	1		1
RADIO OFFICER	0		0
SUB TOTAL (LICENSED)	4		4
BOSUN	0		0
AB	6		6
DEU	0		0
SUB TOTAL (UN-LICENSED)	6		6
TOTAL – DECK DEPARTMENT	10		10
CHIEF ENGINEER	1		1
1 ST ASSISTANT ENGINEER	1		1
2 ND ASSISTANT ENGINEER	1		1
3 RD ASSISTANT ENGINEER	1		1
SUB TOTAL (LICENSED)	4		4
OILER	3		0
QMED	0		3

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GUDE	0		1
SUB TOTAL (UN-LICENSED)	3		4
TOTAL – ENGINE DEPARTMENT	7		8
CHIEF STEWARD	0		1
CHIEF COOK	0		1
UTILITY	0		1
TOTAL – STEWARD DEPARTMENT	0		3
GRAND TOTAL	17		21

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M. CREW PHASE-IN SCHEDULE

The M/V CAPE LOBOS / CAPE LAMBERT are laid-up at the James River Reserve Fleet as RRF-10 ships without crew. At the time of notification the Crewing Coordinator will contact AMO and SIU. Within the first one hour of Activation Notice, the call up will begin as indicated in the Activation Schedule.

Dispatch Port Engineer (if not on site already), Assistant Port Engineer, and Activation Coordinator (if assigned) to site immediately.

Notify unions of anticipated manning requirements and where and when crew is to report to the vessel.

All travel arrangements are to be made in accordance with Federal Travel Regulation (JTR) guidelines.

Ships key personnel will be drawn from a select-group of qualified officers who have sailed aboard the Ship Manager's commercial vessels and/or other MARAD vessels.

Ship's crew begins reporting on board at +24 hours as per Activation Schedule. Crewing and travel arrangements are made through the Ship Manager's Crewing Coordinator. Room assignments will be designated by the Master / Chief Mate, room keys are issued and watches assigned.

- a) Master, Chief Engineer, First Asst. Engineer, 2nd Assistant Engineer, Chief Mate and Chief Steward and at least one S/A will be arranged to Join Day 2.
- b) In the event hotel services are not yet available, the crew will be accommodated in a local hotel. Arrangements are to be made through the local agent under JTR guidelines. Master shall assign watches and travel arrangements are to be made for transporting crewmembers to and from the vessel for each watch change.
- c) 2nd and 3rd mates, QMED, 3rd Engineer and Unlicensed to join on the third day.
- d) All remaining crew to join by Day4, if possible.
- e) If all crew are not available on Day 4, the remaining members will be assigned as available. CLS will endeavor to put all crewmembers onboard before the end of Day 7.

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- f) To control costs, vehicle rentals will be limited to two (2) vans for the officers and crew and one (1) rental car for the Captain and Chief Engineer and one (1) rental for the Port Engineer(s).

By the time the crew arrives, the Activation Shipyard will arrange for all trash collection and sanitary supplies, initial store orders received by then, house and staterooms are readied and crew will move onboard.

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**N. PORT ENGINEER'S AND
PORT CAPTAIN'S DUTIES**

Although the activation of CAPE LOBOS and CAPE LAMBERT require a group effort of Corporate Departments and Personnel, Port Engineer and Staff and Ship's Crew, some tasks are indigenous to certain individuals. The following is a partial listing of "Key Events" that are the responsibility of the person or group indicated:

Lead Port Engineer

As the "Activation Coordinator and CLS on-scene representative, the Group/Lead Port Engineer has the most demanding task of all activation "Key Personnel". The lead Port Engineer has overall charge of the activation team and interfaces with the MARAD COTR, CLS Senior Port Engineer and the Director, Vessel Operations. The Lead Port Engineer is responsible for ensuring that all activation items are successfully completed for a timely and economic vessel activation. In addition to identification and correction of additional activation plan problems and requirements, specific activation checkpoints that fall under his purview include, but are not limited to:

1. Upon notice of activation a meeting is scheduled on the vessel as soon as all participants are present. In the interim the Activation Shipyard commences the activation procedure. This meeting includes CLS Site Activation Team led by the Port Engineer, the MARAD Surveyor, regulatory body representatives, and senior crew members. The team reviews the activation plan, and MARTS DSNs (if any repairs pending) and SRV file to at the initial activation meeting to addresses the following issues:
 - a. Receive "Notice to Activate" from the CLS Office, notify the Technical Representatives and Regulatory Bodies.
 - b. Review activation plans and specifications and include those items, if any, which are subcontracted or accomplished through individual sub-contractors.
 - c. Review the MARTS printout to ensure all outstanding requirements are identified and addressed.
 - d. Review all applicable regulatory requirements to ensure that all documentation and certification necessary to sail the vessel is obtained.
 - e. Review major project milestones such as changeover to ship's electrical power, cargo gear testing, dock and sea trials.

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- f. Briefing on the phase-in of ship's force and their role in supporting system start - ups and regulatory inspections.
 - g. Review contractual requirements with Contract Administrator.
 - h. Establish work schedules and assign individual duties and responsibilities for each shift.
 - i. Creation, update and reporting through the PAS program.
2. After this initial meeting, maintain communications at all levels by:
- a. Conducting the status meeting at the start of each shift to review the progress of the activation and any problem areas that could impact completion. Develop contingency plans if required.
 - b. Submit a daily Port Engineer's log to the CLS Director, Vessel Operations and Senior Port Engineer. In addition provide a daily SITREP for dissemination to MARAD Region and HQ. The SITREP includes progress of scheduled work including main engine testing, SSDG and evaporator light-off, shifting to vessel's own power, vessel habitability, dock and sea trials, etc. In addition to activation milestones, the daily SITREP reports any significant events such as changes in the proposed schedule, USCG 835 deficiency notices, ABS recommendations, etc.
3. Members of the activation team usually work a 12 - hour shift with overlaps to ensure 24 - hour coverage and time to review events on the off shift for the incoming team member. Generally the shifts are broken up in the following manner:

Lead Port Engineer	0600 to 1900
Assistant Port Engineer	1800 to 0700
Administrative Assistant	0800 to 1700 (if provided)

However, depending on the progress of critical path items such as the incoming crew becoming familiar with the vessel and the activation plan, the Lead Port Engineer may have to amend the shift schedule. At a minimum there must be a person with signature authority onboard at all times along with a qualified members of both the deck and engine department.

4. The Lead Port Engineer is the designated CLS Representative and the Assistant Port Engineer is designated the Assistant. Generally, all emergent work issues are handled by the Lead Port Engineer. However, it may be necessary for the Assistant Port Engineer to

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initiate/approve emergent work issues in the absence of the Lead Port Engineer in order not to delay activation progress. In this case, the party approving the additional work updates the Change Order file, which remains onboard or in the Port Engineer's office. In addition, all approved purchase orders are discussed during the shift changeover meeting.

5. Coordination with the CLS Crew Coordinator on the arrival and phasing in of the ship's crew.
6. Coordinate with Master/Electronic Technician and oversee repairs/testing of all deck - associated work items including cargo and deck gear, tanks, navigation, and radio equipment, and life saving equipment.
7. Attend the vessel's sea trial and witness testing of all main and auxiliary machinery. When the vessel is deemed fully operational and able to perform unrestricted operations, it is tendered to MSC usually by the on-site MARAD surveyor. The CLS Director of Vessel Operations and the Senior Port Engineer must be advised of the date and time at which the vessel is tendered to MSC.
8. A "Quick Look Report" will be submitted to the Director of Vessel Operations within 48 hours of completion of the activation. This report contains the following:
 - a. Activation history and milestones, including times and dates
 - b. General condition of the vessel prior to activation
 - c. Technical problems encountered during the activation and actions taken to correct such problems
 - d. A listing of any outstanding repairs, USCG 835 deficiencies, or ABS requirements

This report is then reviewed by the Director of Vessel Operations, who submits it MARAD within 72 hours after completion of the activation.

9. An "After Action Report" will be submitted to the Director of Vessel Operations within 8 days after completion of the activation. This report expands on the issues covered in the "Quick Look Report" and also includes a detailed cost summary as well as observations on the performance of the activation contractor and facility. The Director Vessel Operations/ Senior Port Engineer reviews this report and forwards it to MARAD within 10 days after returning to Phase IV.

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Assistant Port Engineer

The Assistant Port Engineer normally works the evening/night shift. The Assistant Port Engineer reports directly to the Lead Port Engineer and is responsible for the following:

1. Oversee the activation processes during the 1800 - 0700 shift.
2. Ensure that the time line of key events are met to ensure the regulatory bodies inspections and test day shifts schedules are met.
3. Coordinate with Master or C/M to familiarize the senior deck officers upon their arrival on the activation plan and assignment of work items.
4. Monitoring of vessel storing once the auxiliary systems are running and provision areas have been prepared.
5. Ensure that all safety requirements are met and contingency plans are in effect during vessel bunkering by following the approved FO Transfer and Bunkering procedures (attached).
6. Working with the Electronic Specialist and the vessel's Chief Mate / Second Mate to ensure that all communication equipment is tested and functioning properly in accordance with FCC regulations. Any equipment deficiencies are reported immediately to the Lead Port Engineer for correction or contingency actions.
7. Ensure navigational charts and publications are onboard and up to date.
8. Attend vessel sea-trial and coordinate with Lead Port Engineer and MARAD COTR speed trials and maneuvering tests.
9. Maintain night shift turn over notes that are passed to the Lead Port Engineer at 0600 each morning.

Port Captain

The CLS does not use Port Captain services in MARAD activations.

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O. OFFICER AND CREW DUTIES

MASTER

Ultimate responsibility for the safe and proper operation of the vessel rests with the Master. He must ensure that his ship is fully ready for safe operation prior to accomplishing Dock Trials, Sea Trials or Underway Operations. To that end, CLS has advised our Masters to work with and report activation progress and any problems to the attending Port Engineer.

In addition to such other duties required by his License and commission, the incoming Master shall address the following specific areas:

1. As soon as prudent after reporting onboard, the incoming Master shall take custody of the “Master’s Safe” and all certificates. After changing the Master’s Safe Combination, he shall request Master’s Cash funds. The funds request will be sufficient for the entire activation event and coordinated with the on-site Activation Coordinator or the Contract Administrator.
2. Sign on crew and prepare the ship’s papers/documents/clearances. Review Station Bill update and sign.
3. Review, and become familiar with CLS Activation Booklets. Ensure that all operations are in full compliance with these documents.
4. Inventory the “Administrative Cabinet” and request any items that may be missing be provided.
5. Review the Ship’s “Blue Book” (certification and inspection documents) and advise the attending Port Engineer of any actions required to maintain the ship in class and in an inspected status for the intended deployment periodicity.
6. Upon arrival of the 2nd Mate, ensure that he (she) accomplishes a complete inventory and update of Nautical Charts, Navigational Publications, Light Lists, Flags, Day Shapes, etc.
7. Review “Cargo-max” with the Chief Mate to ascertain that the Ship’s stability is satisfactory for the forthcoming Sea Trials and follow on voyage to the Bunkering Port and/or Load Port.
8. Ensure that each reporting Crewmember reviews the Ship indoctrination video and complete the ship familiarization and training checklists.
9. Order tugs, pilots, line handlers and vessel requirement through Port Engineer/Agent.

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10. Direct outfitting of controlled equipage.
CHIEF MATE – Medical Officer

The Chief Mate is the “Department Head” for Deck Department. As such, he is in charge of Deck functions and Cargo related items. In addition he/she also serves as the Medical Officer if certified.

The Chief Mate will administer the Deck Department and supervise essential repairs. Additionally, he will inform the attending Port Engineer and the Master of any possible obstacles that may need additional assistance.

In conjunction with the attending Port Engineer, Master, and CLS Purchasing Department, the Chief Mate shall ensure that sufficient Deck stores, consumables, Paints, etc. are on hand for the intended voyage. Request for additional items, as required, in the prescribed Parts Material Request (PMR) form.

All Deck Department machinery and equipment testing shall be accomplished under the Chief Mate’s authority. He is also charged with the responsibility to conduct tests and demonstrate equipment as required by the ABS and USCG (if required) required for the activation.

Specific activation checkpoints that fall under the purview of the Chief Mate include, but are not limited to:

1. Check deck machinery - anchors, mooring winches, capstans.
2. Check cargo gear - review certificates/material as required.
3. Work with chief steward to achieve vessel cleanliness.
4. Receive/inventory - deck stores.
5. Receive/inventory - medical gear (stored in MARAD warehouse).
6. Assume custody - issuance of GFE (not including spare parts).
7. Review lashing gear and quantities.
8. Manage / check CARGO-MAX program.
9. Check mooring and report to Master.

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10. Overall supervision of outfitting lifeboats, life jackets, fire fighting, damage control and safety gear. Provide orientation of same to joining crew.
11. Manage Deck Dept. to outfit place fire fighting/safety equipment in position.

SECOND MATE - Navigation Officer

1. Inventory and check charts, publications required for sea trial and voyage.
2. Update through Notice to Mariners required charts.
3. Outfit and secure bridge with GFE navigational material.
4. All navigational lights, sound signals, day shapes checked for good condition.
5. Set - up vessels - chronometers, GPS, Radars/ARPAs, RDF's, Sat-Nav.
6. Set up deck and navigational equipment logs.

THIRD MATE - Safety Officer.

1. Directly oversees and reports to Chief Mate in the safety items on ship, specifically:
 - a. Outfitting lifeboats - all material dated, cleaned and secured.
 - b. Life jackets/Survival suits - proper lights/whistles in good condition and sufficient quantity in accordance with the COI.
 - c. Pyrotechnics - all in date.
 - d. Assist COI Inspection of Safety Equipment
2. Set up safety log/training logs.
3. Check vessel fire fighting equipment:
 - a. Fire stations
 - b. Fixed installation stations
 - c. Emergency gear

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CHIEF ENGINEER

The Chief Engineer is required to ensure that the vessel's machinery plant, and other auxiliary equipment (such as HVAC systems, OWS/OWM, MSD, Steering Systems, etc.) for which he is responsible, is fully operational and ready for sustained operation. The Chief Engineer will administer the Engine Department and supervise essential repairs.

Additionally, he will inform the attending Port Engineer and the Master of any possible obstacles that may need additional assistance.

In conjunction with the attending Port Engineer, Master, and CLS Purchasing Department, the Chief Engineer shall ensure that sufficient engineering stores, consumables, lubricating oils, etc. are on hand for the intended voyage. Similarly, the Chief Engineer is responsible for loading bunkers (if required).

All machinery and equipment testing shall be accomplished under the Chief Engineer's authority. He is also charged with the responsibility to conduct tests and demonstrate equipment as required by the ABS and USCG required for the activation.

Specific activation checkpoints that fall under the purview of the Chief Engineer include, but are not limited to:

1. As soon as possible after "Notice to Activate", review the RRF-MARTS "SRV" and "DSN" files and advise the Group/Lead Port Engineer of inspections required, and corrective work needed, to maintain the Ship in class with ABS and in an inspected status with USCG for the periodicity of the intended voyage.
2. As soon as possible after "Notice to Activate", review PC-SAL to ensure that no requisitions for essential spares are outstanding.
3. Review and update "Pre-Cut" requisitions for Engine Department and submit updated copies to the Lead Port Engineer for submittal to the CLS Purchasing Department for procurement.
4. Inventory lubes, gases (refrigerants, oxygen, acetylene, etc.) and other supplies not included in the Engine Department "Pre-Cut" requisitions and submit PMRs needed to fill shortages.
5. Sound all DFM tanks and advise the Group/Lead Port Engineer of bunker requirements for the intended voyage.
6. Inventory and requisition sufficient Water Treatment and Distilling Plant Chemicals for the periodicity of the intended voyage.

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7. Responsible in ensuring that the assistant engineers assigned to sail the ship gain adequate knowledge of the machinery during activation to operate it safely when they are required to take over. This knowledge will come from the instructions from the Chief Engineer, Technical Manuals or with discussion with the Technical Representatives who may be onboard to activate machinery.

FIRST ASSISTANT ENGINEER

Oversees the readiness of the Engine room.

1. Oversees the Second and Third Engineers to see that they are available to the Lead Port Engineer for inspection of machinery if necessary.
2. The First Engineer will familiarize himself with the Main Engines.

SECOND ASSISTANT ENGINEER

Responsible for the transferring and purification of fuel oil.

1. Becomes familiar with the arrangement of bunker tanks and the means by which fuel is transferred from the storage tanks to the Settling Tanks.
2. Become familiar with the Ship Service Generators.

THIRD ASSISTANT ENGINEER

Responsible for the Evaporators and Lube Oil Purifiers.

1. Becomes familiar with the arrangement of Lube Oil Storage and Transfer systems, including proper operation and maintenance of the Purifiers.
2. Becomes familiar with the Potable and Distilled water systems, and the proper operation and maintenance of the Evaporator. The tracing of the Potable and Distilled water Shore Connections to properly fill tanks are first priority.

Each new engineer will trace line as necessary, talk to the technical representatives for machinery he/she is responsible for.

CHIEF STEWARD

The Chief Steward will administer the Steward Department and supervise essential outfitting and cleaning of Galley, Pantries, Dry and Refrigerated Store Rooms, Laundries, Accommodations and

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Public Spaces. Additionally, he will inform the attending Port Engineer and the Master of any possible obstacles that may need additional assistance.

In conjunction with the attending Port Engineer, Master, and CLS Purchasing Department, the Chief Steward shall ensure that sufficient steward stores, consumables, food provisions, etc. are on hand for the intended voyage.

Specific activation checkpoints that fall under the purview of the Chief Steward include, but are not limited to:

1. Prepare and execute menus to provide healthy, attractive meals in sufficient quantities within the daily food cost budgets. The menus shall be subject to review and approval by the Master.
2. Requisition, receiving and storing of all provisions, Steward Department stores and Steward Department consumables.
3. Cleaning and preparation of public and food preparation/messing Spaces, including: Staterooms, Laundry Rooms, Galley, Pantries, Dry and Refrigerated Store Rooms, Lounges and other Public Spaces.
4. Distribution of Bed Linens, Blankets, Towels, Pillows, toilet paper, soap, etc., to each Bunk.

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**P. BRIEFING AND TRAINING
OF CREW PROCEDURES**

The primary responsibility of the crew is to provide vessel readiness to support the RRF mission. Crew and senior officers assigned to CLS - RRF vessels receive initial orientation on duties from CLS Port Engineer. The vessel library is kept up to date with current copies of the regulatory publications, CFRs and vessel deck and engine operating manuals. The senior officers assigned to the vessel are also required to read MARAD Operations Management Manual and CLS Operational Manual.

The overall orientation / training methods and the lead individual designated by CLS to accomplish these goals are summarized below. Once the initial orientation is provided to the senior officers, they will continue the orientation process with relief and activation crew.

ORIENTATION / TRAINING METHODOLOGY

ORIENTATION GOAL	CLS/POC	METHODOLOGY
1) Relationships- Responsibilities (CLS -MARAD- MSC)	Senior Port Engineer	Briefing i)MARAD OPS Manual ii)CLS OPS Manual iii)MSC-SOM
2)MARTS	Port Engineer	MARTS Training Manual MARAD Training Sessions Continued Use
3)SAL (PC-SAL)	Port Engineer	Inventory Procedures PC-SAL Training Manual
4)Ship Particulars	Port Engineer	MARAD Deck Manual MARAD Engine Manual
5)Safety	CLS Director, Vessel Operations	CLS Video, MARAD Safety Videos. CLS Operations Management Manual

ORIENTATION TRAINING GOALS

There are several goals in providing training / orienting incoming crew. The primary goal is to train the crew in familiarizing the ship, their shipboard duties, the machinery / equipment they handle, safety procedures and the importance of the RRF program. However, CLS also provides training in CLS-MARAD-MSC relationship, the operational control of the ship and the reporting requirements.

CLS informs that the contract administration and control will remain a MARAD Regional responsibility during the period of performance of the contract. There is no contractual relationship between CLS and MSC Area Commands or any other Navy Operational Commands. CLS obtains the necessary authorization from MARAD Regions prior to incurring any expenses.

CLS directly responds to MSC Area Command Staff inquiries pertaining to ship materials readiness, compliance with regulatory requirements, casualty correction plans and logistics support requirements. However keeps the MARAD Regional COTR advised of all such inquiries and responses.

After activation, depending on Navy operational requirements, MSC Area Commanders may transfer OPCON of the vessel to other Navy Operational Commanders.

RRF - MAINTENANCE AND REPAIR TRACKING SYSTEM (MARTS)

CLS is making full use of MARAD RRF - MARTS. Through the use of this tracking/reporting system, CLS RRF Program Office and ship's ROS officers monitor the maintenance and repair deficiencies, actions and requirements for the vessel during Phase IV.

The Port Engineer is also able to enter inspection deficiency and repair data while aboard ship during the sea trial, transition to lay-up and the deactivation. If possible, maintenance and repair data is sorted to provide machinery records for each major item of ship machinery; this is valuable in planning preventive maintenance and equipment-replacement actions.

THE PC BASED SHIPBOARD ALLOWANCE LIST (PC-SAL)

The PC Based Shipboard Allowance List (PC-SAL) is utilized by the assigned crewmembers. The senior licensed individuals are given custody of the PC-SAL and given orientation on its contents by the cognizant MARAD Representative or Port Engineer.

SAFETY

M/V CAPE LOBOS and M/V CAPE LAMBERT

ACTIVATION PLAN

As has always been priority for CLS employees, all work performed on the vessel (in all phases) is performed in the safest, most seaman like manner. Several orientations are held yearly to inform the crew of all updated knowledge on the following areas:

1. Work Attire
2. HAZMAT
3. Benzene Awareness
4. Tank Entry
5. MSDS Sheets
6. Petroleum Fuel Handling
7. Other Safety
8. Hot Work
9. Smoking
10. Working Aloft

These policies are provided onboard included in the Operation Manual. CLS also uses the ship safety meetings as a format for identification of problems and safety orientation for non-crew members.

SPECIAL REQUIREMENTS FOR UNIQUE SHIP FEATURES

The shipboard unique feature and their operations are outlined in the deck and engine operating manuals.

1. The operation of the stern ramp, bow ramp and associated hydraulics operation are covered in the deck operating manuals.
2. The operation of the elevators, hoistable car decks and watertight doors are covered in the deck operating manual as well individual equipment manual.
3. The specialized storage deck handling equipment is outlined in of the deck operation manual.

ACTIVATION PLAN

Q. COST CONTROL PROCEDURES

Several factors influence activation costs including, but not limited to, competitive procurement methods and pricing, receipt of verification, monitoring and supporting documentation are monitored very closely by the responsible parties outlined in the table below. Contractors, tech reps and specialty repair contractors are monitored by the activation team ensuring that they are performing in accordance with their contract, and that they are not being held up to prevent manpower loss. Each member is required to give a daily accounting of their shift activities and a summary report.

CLS limit the use Chandlers, Vendors, Regulatory Agencies and other Subcontractors to the works exclusively require their attendance underscores our commitment to economy and efficiency. CLS Cost Control methodology limits subcontracting by ship chandlers, vendors and shipyards and focuses on in-house procurements of specialty services, supplies and outfitting in order to limit vendor material burdens. CLS utilizes the economies in scale in purchasing large scale. CLS is able to get very favorable contract prices on paints, chemicals and other bulk purchase materials due to its large volume purchase for MARAD as well as own fleet.

CLS Purchasing Department obtains competitive quotes from rival vendors. Using comparison techniques, the company determines if the quoted product bids are commercially acceptable, non-collusive, reasonably priced and can be delivered in an acceptable timeframe. Purchase of stores and consumable is based on competitive quotes obtained prior to the activation, and held contingent to the ships activation. Quantities are adjusted to reflect the duration of the vessels mission/deployment

The Port Engineer and Activation Coordinator ensure that the required services and materials are procured and utilized in a cost- effective manner.

The crewing coordinator and travel agency will make every effort to ensure the vessel's crew is phased in according to plan at very cost effective travel costs. The crew travel and lodging are planned in such a way as to incur minimum hotel and per-diem costs.

Required bunkers, lube oils and gases are purchased at competitive rates and quantities established at the time of activation consistent with the vessel's mission.

The cost control and monitoring process is documented as noted in the activation estimate, outlined in the next section. The budget amount for each major cost category is documented and performance forecast in the estimate columns. Cost categories with significant estimated variances are investigated to determine the cause and potential corrective action. At the conclusion of the activation, each variance is analyzed to determine the cause, and corrective action taken for following activation.

M/V CAPE LOBOS and M/V CAPE LAMBERT

ACTIVATION PLAN

Cost control responsibility for the activation cost elements is as follows:

	TASK	CLS OFFICE	PORT ENGINEER	CONTRACTOR
1.	Contractors labor man-hours (Note 1)		X	X
2.	Material supplied by contractor.		X	
3.	Subcontractor to activation contractor (Note 2).		X	X
4.	Technical Representatives (Note 2).		X	X
5.	Specialty repair contractors (Note 2). Refrigeration and Air Conditioning, Electronics, Control Systems, Fire Detection Systems, etc.		X	X
6.	Bunkers.	X		
7.	Tugs and Pilots.	X		
8.	Lubricating oils.	X		
10.	Provisions.	X		
11.	Deck stores and engine stores.	X		
12.	Outfitting.	X		
13.	Crew/Crew overtime.	X	X	
14.	Medical.	X		
15.	Husbanding fee.	X		
16.	Communication.	X		

NOTES:

- (1) Port Engineer to assure contractor is manning as required, the contractor submits actual man-hours by shift.
- (2) Port Engineer has prime responsibility for contractors/reps.

M/V CAPE LOBOS and M/V CAPE LAMBERT

ACTIVATION PLAN

R. COST ESTIMATES

The Activation Estimate is based upon actual commitments/cost experience in activating these vessels. The estimate is prepared by the Port Engineer and is approved the RRF Program Director and Contract Administrator.

Revised activation estimate will be provided shortly after receipt of the activation notice, followed by actuals as data develops and provided when requested by MARAD.

The estimate is monitored against the authorized task order funding. Should a funding problem tend to develop, MARAD will immediately be notified.

Costs and commitments are collected by the estimate categories to insure accuracy and proper accounting.

ACTIVATION COST ESTIMATE		
a. Operating Crew		\$129,000.00
1 Salary & Benefits	9,000 x 11	\$99,000.00
2 Transportation		\$5,000.00
3 Overtime		\$25,000.00
b. Technical Representatives		\$30,750.00
1 Control Automation		\$12,000.00
2 Engine Analysis		\$11,500.00
3 Thermography/Vibration Analysis		\$7,250.00
c. Stores/Provisioning		\$44,100.00
1 Provisions		\$24,500.00
2 Deck stores		\$4,500.00
3 Engine Stores		\$8,400.00
4 Medical Supplies		\$3,000.00
5 Steward Stores		\$3,700.00
d. Bunkers		\$73,500.00
1 Fuel Oil		\$0.00
2 Diesel		\$70,000.00
3 Lube Oil		\$3,500.00
e. Industrial Assistance/ Activation		\$480,000.00
f. Total Sea Trial		\$192,100.00
1 Towing		140,000.00
2 Dock Trial Support		\$12,200.00

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3 Sea Trial Support		\$33,000.00	
4 Miscellaneous		\$5,900.00	
5 Agents		\$1,500.00	
g. Administrative			\$49,200.00
COI / Surveys		\$30,000	
Port Engineer	Expenses 25 x200	\$5,000	
Asst, Port Engineer	Expenses 25x550	\$11,000	
Secretary	Expense 20x160	\$3,200	
h. h. Deactivation Costs			\$630,100.00
1 Deactivation Shipyard		620,000.00	
1 Crew Transportation	(22x200)	\$4,400.00	
2 Industrial Waste Disposal		\$2,400.00	
3 Laundry/Linen		\$800.00	
4 Reconnect Alarm		\$2,500.00	
Estimate Total:			\$1,628,700.00

Note:

ACTIVATION PLAN

S. USCG NOTIFICATION

CLS Senior Port Engineer from Jacksonville, or the vessel's assigned Port Engineer notifies the local Commanding Officer of the United States Coast Guard (USCG) Marine Safety Office (MSO) that the vessel is being activated. The initial notification is by phone within one (1) hour of the activation notice. This verbal notification is followed up immediately by a faxed transmission of the letter to the Marine Safety Office. Copies of the notification are given to CLS office and MARAD COTR.

In the event that the vessel is activated in a port other than one it has been laid-up, both Marine Safety Offices are notified.

USCG NOTIFICATION

Draft Copy

Date:

Commanding Officer
Marine Safety Office
Place, State.

Dear Sir:

Pursuant to the terms and conditions described within the U.S. Maritime Administration's contract DTMA8C00006, Crowley Liner Services has been awarded Ready Reserve Force custody of the following USCG certified and documented vessel.

Ship Name	Official Number	Call Sign
M/V CAPE LOBOS	D694202	KEBA
M/V CAPE LAMBERT	D681926	KJCJ

The vessel will be activated at (location) starting from (date) as required by MARAD. Vessel's COI is valid until (date); however, you are requested to visit the vessel and make any inspections as deemed necessary.

M/V CAPE LOBOS and M/V CAPE LAMBERT

ACTIVATION PLAN

Should you have any further questions regarding activation plans and procedures, please contact me.

Sincerely,

Name

Title

copy to: file

ACTIVATION PLAN

T. 180 DAY VOYAGE PREPARATION

During activation CLS prepares the activated vessel for sea trail and turns over to MSC-OPCON as required by MARAD. In activation, ship departments receive basic materials for the vessel to become fully operational and available within the activation specification and time line.

CLS has on file standard requisitions for 7, 90 and 180 days. These requisitions cover Deck, Engine and Steward requirements for the vessel and any special items unique to the vessel.

The bunkers are stemmed to 90% or maximum capacity prior to sailing as funding permits. Additional bunkers when on voyage are either requested through MSC or commercially bid to provide for smooth voyage scheduling and efficient port calls.

If a vessel is requested for 180-day operation, CLS takes immediate steps to prepare it for a 180 days voyage, and outfit it to the maximum allowable utility. A checklist of items that require particular attention follows:

180 DAY VOYAGE CHECK LIST

Crew sign 6 month articles (CLS standard "Articles of Agreement")

Order bunkers (90% capacity or as directed): follow Standard Procedures for Government stem or bid commercially.

Stemmed stores: food, long life dairy products, linens, cleaning products.

Engine stores - tools/outfitting items: lubricants, refrigerants, pipe and fittings for emergency repairs.

Deck stores - tools/safety/navigation/outfitting items, paints, grease, working line (manila, nylon), damage control, fire fighting equipage, Area - chart portfolio and current publications

Spares - inventory for 180 days through the PC-SAL are requisitioned and ordered.

All regulatory items are addressed prior to or during the activation period including items for USCG or ABS that could be inspected and credited early. Other regulatory issues can be addressed during the 180-day voyage through the USCG international office and ABS offices worldwide. If the 180-day voyage and ports do not allow for a foreign re-inspection, CLS will request a waiver well in advance of any certificate expiry.

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CLS uses its agents worldwide and in conjunction with MSC port orders, replenish and husband the vessel to enable the vessel's continuous operations.

The cargo load-out is the basic function of the ship's mission. In an unusual or hazardous cargo situation, CLS Port Engineer discusses the load-out with the Master and follows up with MSC on any points that require clarification. In certain ammo load-outs, CLS may use a certified Cargo Surveyor who would report to CLS, but safeguards the interests of MSC and MARAD. MSC would be assured that the maximum cargo allowed is stored onboard and is stowed in full compliance with USCG regulations as well as good industry practice. MARAD, as ship owner, would be assured that its vessel is safely stowed and protected from damage to the best extent possible.

All cargo will be secured for the voyages in the safest manner available. Sufficient cargo lashing gear is requested and placed on board to allow for a variety of cargo evolutions while the vessel is ex-CONUS.

ACTIVATION PLAN

U. STORING AND SUPPLYING

Stores requisitions are pre-prepared for vessel for Deck, Engine, Steward Subsistence and Steward Consumable Stores for the designated/required periods (i.e. 7, 90 or 180 days, etc.). The requisitions are periodically sent to selected suppliers in the appropriate geographic regions. The suppliers are requested to maintain the requisition packages on file in the event of an activation. In addition, the suppliers are required to do the following:

1. Commit in writing their desire to participate in the program.
2. Provide an estimated cost and delivery for each completed requisition.

NOTE: Securing Firm Fixed pricing for extended periods of time (more than six months) is impractical due to cost/market fluctuations within each storing/commodity group.

3. Advise of estimated fill rates for the supplied requisitions assuming an RRF-10 activation scenario.
4. Current supplier contact form to insure the most current names, phone and fax numbers for day and night in the event of an after-business hours in case of activation.

Normal Bid Control procedures are followed to protect the solicited information.

A complete evaluation is then performed on all responsive and complete packages. This evaluation is ultimately utilized to develop an Activation Matrix for the geographic region. This matrix itemizes the primary as well as back-up suppliers for the various classifications of stores, such as Deck, Engine, Stewards items and Stationery. Fuel and lubricants priced current due to market conditions, and due to the ease in arranging within the time frame. Chemicals and welding supplies are supplied from contracted suppliers. Water treatments and testing supplies are provided through MARAD contract. These primary and secondary selections are predicated on overall competitiveness, dependability, quality of products and services, financial strength, in-house inventory levels and general reputation within the industry. CLS heavily weigh the historical data on each supplier as to their performance on past and present contracts and each supplier's ability to handle potential multiple activations. However, CLS will make every effort to competitively price these procurements within the time period of activation, the pre-pricing may then serve as another comparison. If time permits, CLS may try to obtain fresh competitive quotes before issuing the Purchase Order.

When the pre-cut requisitions are priced for quotation, they are not converted to purchase orders until the vessel is activated. Upon "Notice to Activate," the suppliers would immediately be contacted at the phone/fax numbers listed on the Activation Matrix. The primary supplier is contacted first. In the event it cannot be reached in a reasonable period of time, then the backup supplier would be contacted. The suppliers would be instructed to select the appropriate requisitions from those

M/V CAPE LOBOS and M/V CAPE LAMBERT

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already in their possession. Once an order is placed the requisitions are converted to purchase orders. A Purchase Order would be issued verbally and confirmed via a fax notification to proceed. The suppliers will be asked to immediately begin filling the orders to ensure the highest possible fill rate and delivery within the mandated activation time frame.

At this point, the Port Engineer and the Activation team will commence coordinating delivery, unloading and stowing activities at the vessel. In consideration of the large volume of the supplies that will be received and stored in a short period of time, CLS Purchasing Department will work with the supplier to ensure that deliveries are made expeditiously, starting at the earliest, within 48 hours, and complete at the latest, within 180 hours of "Notice to Activate". With a 21-man crew for activation and deployment, the vessel may not have sufficient manpower to complete the task of receiving and storing within the time allotted. Therefore, if needed, CLS will arrange for commercial assistance to assist the Ship's Crew in receiving and storing these supplies.

Once the product is delivered and accounted for onboard, the ship's copy of the purchase orders are signed, dated and returned to CLS Purchasing Department, where the account payable collates, categorizes and compares these receipts to the vendor supplied invoices.

During and after activation CLS solicits feedback from the activation team to ensure more efficient and cost effective service in the future. CLS requires the activation end-user to provide objective and valuable feedback on product quality, its adherence to requisition specification, adequacy of substitutes, and receipt of incorrect items.

The Chief Engineer, Chief Mate and Chief Steward will provide their respective departments in the storage of materials received.

ACTIVATION PLAN

V. PROVISIONING VESSEL

Upon notification of the vessel's activation, CLS immediately puts the following procedures into action to ensure all necessary provisioning supplies are onboard the vessel.

1. The agent, vendor and vessel would be contacted and notified by fax of the vessel's storing instructions and arrangements.
2. Agent or vendor, as directed by the CLS Port Engineer, makes arrangements for labor and equipment, if required, to store the vessel.
3. To expedite the preparation of the galley, reefers and storerooms to receive stores, a requisition consisting of cleaners and cleaning equipment may be faxed to the agent for immediate assistance.
4. Once notified that reefers are operational, the seven (7) day requisition for provisions, consumables, and expendables are supplied. The seven (7) day vessel provisioning requisition is delivered in order to eliminate the confusion of taking on major stores at that time and to ensure the vessel's future activation status. In the event that the vessel would not be activated for longer periods and deployed, cost of supplies would then be minimal.
 - a. Vessel is supplied with the activation provision and consumable/expendable requisitions for time period specified by MARAD at the vessel's loading dock.
 - b. If for any reason the vessel is not scheduled to go to a loading port within the seven (7) day storage period, arrangements are made to store the vessel with sufficient stores for the period of time required.
5. Major storing will be attended and supervised by the Assistant Port Engineer and/or another designated Activation Coordinator.

W. REGULATORY APPROVALS

The M/V CAPE LOBOS and the M/V CAPE LAMBERT are in RRF 10 status. CAPE LAMBERT has completed all her Annuals and COI Inspection in January 2002. She is scheduled for dry-docking and special survey in August 2000. Cape LOBOS is scheduled for dry-docking and special Survey in April/May with that all certificates will be renewed. CLS will endeavor to maintain all regulatory inspections and certificates comparable to an operating vessel, if funding available. Both vessels will comply with ABS and USCG MOU requirements. Any deficiencies discovered during the inspections/surveys will be corrected as soon as possible after discovery.

X. TENDERING VESSEL TO MSC

The M/V CAPE LOBOS and the M/V CAPE LAMBERT are in RRF 10 status. In the Activation Schedule, towing, activation of machinery and pre-test of all machinery and equipment will be done on the first five to six days of the activation. Repairs and replacements, if any, will also be accomplished as required during day seven. Dock trials could commence as early as the seventh day completing on Day nine. After dock trials are completed to the satisfaction of the attending MARAD/MSC inspector(s), the vessel will proceed on a sea trial. On successful completion of the sea trials, the vessel will be tendered to the MSC representative by the MARAD surveyor.

ACTIVATION PLAN

**Y. MONITORING AND UPDATING
ACTIVATION PLAN**

The Ship Manager will update this plan as necessary.

Plan holders should notify the Ship Manager's Contracting Officer and / or Director, Vessel Operations when their after-hours telephone number or contact information changes.

After adding new or removing old pages, the plan holder shall replace the List of Revisions page.

This plan will be updated within 30 days after the completion of activations. If there is no activation during a given year, the plan will be reviewed and updated on an annual basis.

Changes in the Ship Manager's personnel and duty schedule will be forwarded to all holders of the Activation Plan as they occur by the Contracting Officer. Contractor and sub-contractor changes will be handled in a similar fashion.

ACTIVATION PLAN

Z. MULTIPLE ACTIVATIONS

During a national emergency or large scale no-notice activation test, limited industrial resources impacting ship activations may cause MARAD Region Directors to direct Ship Managers to contract with specific activation facilities. Facility assignment will be guided by the latest edition of the MARAD Emergency Full Scale Activation Plan, and will consider other factors such as cost, individual shipyard capabilities and ongoing work.

The M/V CAPE LOBOS and the M/V CAPE LAMBERT will be affected greatly by a large-scale activation of the Ready Reserve Force. Since these ships are in RRF 10, they need to be towed to a shipyard or an alternate activation facility to remove hull blanks, remove DH systems, activation of machinery and systems, dock trial and other related work to make the ship ready to depart in eight (8) to nine (9) days for sea trial. Lack of shipyard availability or industrial assistance would therefore, impact the Activation Milestone Schedule on these two ships.

Both the Cape ‘L’ class vessels can and would be activated simultaneously with technical and industrial assistance if moved to suitable location. If moved to the same location, the limited assistance available can be shared amongst the two vessels as required and directed by the Port Engineer. This is also made easier by the fact that both ships have the same machinery, systems and equipment where spare parts and other supplies could be shared.

The Ship Manager is required to supply the necessary Port Engineers, Assistant Port Engineers and other Activation Coordinators who will be drawn from our pool of qualified personnel available. (See Section H.)

Ship’s crew will be supplied through the maritime unions (AMO and SIU) with which the Ship Manager is affiliated.

In cases of large-scale activations, ABS and USCG inspections, if any, will have to be scheduled more carefully considering these agencies’ workload.

Due to material availability, the lowest price may not always be available from suppliers. Higher priced equivalents may have to be substituted.

ACTIVATION PLAN

AA. CONTRACT REQUIRED ATTACHMENTS

LIST AND LOCATION OF VESSEL KEYS:

All keys for Deck, Engine and Steward Departments are labeled and arranged in the Master's office. The complete key-list is with the Master, Chief Mate and the Port Engineer and a copy is attached as Appendix 7. In addition, all room telephone numbers are attached as Appendix 11 to identify the state rooms and other spaces onboard.

MASTER'S SAFE COMBINATION:

CAPE LAMBERT and CAPE LOBOS are in RRF-10 status. Master's Safe combination is kept by the Port Engineer, and is attached as Appendix 6 in a Sealed Envelope.

LIST AND EXPIRATION DATES OF VESSEL DOCUMENTS AND CERTIFICATES ONBOARD:

All vessel documents are located in "Blue Book" in the Master's office. Current Certificates and their expiry dates are attached in Appendix 8.

In addition, current expiration dates of all certificates are listed in the RRF-MARTS SRV file.

ABS SURVEY STATUS REPORT:

The ABS Survey Status Report is printed from the ABS Safenet record available to both MARAD and CLS. A copy of the printout provided to the ship. Since it is a dynamic document, copy is not attached in this Plan. However, the expiration of certificates from this list is included in the list of Vessel Documentation. The Port Engineer is provided with regular updates via Safenet.

USCG PRE-INSPECTION PACKAGE (PIP):

This is also another dynamic document. The copy of the updated pre-inspection package is normally requested from USCG before COI Inspection, Activation or on an as needed basis. The current copy is with the Port Engineer. However, an updated version will be requested by the attending CLS Port Engineer at the time of an activation.

CURRENT TANK SOUNDINGS FOR CAPE LAMBERT/CAPE LOBOS:

It should be noted that CAPE LAMBERT and CAPE LOBOS are in RRF-10 status located at the JRRF and soundings will remain steady throughout the periodicity of this document, or until an

M/V CAPE LOBOS and M/V CAPE LAMBERT

ACTIVATION PLAN

activation. The soundings are normally forwarded to the MARAD Surveyor as Monthly Deliverables. However, a copy is attached as Appendix 9.

CAPE LAMBERT and CAPE LOBOS only uses MGO as fuel for Main Engines and for the Diesel Generators.

BUNKERS QUANTITY REQUIRED TO FILL THE VESSEL TO 98% CAPACITY:

Because the onboard inventory is varying, the amount of fuel required to fill the vessel to 90% capacity will vary at the time of activation. The following is germane considering the current soundings:

CAPE LOBOS

<u>Product</u>	<u>Current Quantity</u>	<u>Quantity at 95%</u>	<u>Difference</u>
MGO	789.0 tons	1,328.0 tons	978.0 tons

CAPE LAMBERT

<u>Product</u>	<u>Current Quantity</u>	<u>Quantity at 95%</u>	<u>Difference</u>
MGO	350.0 tons	1,328.0 tons	978.0 tons

DETAILED ITEMIZED LIST OF PROVISIONS REQUIRED FOR 7 DAYS, 90 DAYS AND 180 DAYS:

Pre-cut requisitions for Provisions, Steward Stores, Deck Stores, Engine Stores, Tools, Office Supplies, and Outfit Items for the 7 days, 90 days and 180 days requirement, are separately appended as Appendix 2.

The Estimated cost for these items is contained in the Activation Cost Estimate, which is attached in Section R.

STANDARD LETTERS AND FORMS TO BE USED DURING ACTIVATION:

MARAD has issued a Sitrep sheet in excel format use in conjunction with the long version Activation SITREPs provided in TE-1. This revised Sitrep format shall be used in addition to to the standard activation Sitrep during all activations. Sitrep Forms are attached as Appendix 10.

M/V CAPE LOBOS and M/V CAPE LAMBERT

ACTIVATION PLAN

INSTRUCTIONS TO THE CREW REGARDING THE USE AND MANAGEMENT OF SPARE PARTS AND EQUIPMENT CHANCES:

The spares parts and equipment management usage during Phase IV and Phase “O” periods are accomplished in strict compliance with MARAD’s PC-SAL instructions. The crew is trained onboard for PC-SAL usage and the manual is filed in the Administrative Filing Cabinet.

During Activation, CLS will make every effort not to utilize the onboard spare parts. The first choice will be to utilize the shore based supplies, to preserve onboard spare parts at the maximum levels. However, depending on the criticality and availability of the spare parts during activation onboard spare parts may be consumed as an alternative.

Equipment changes will be in accordance with MARAD’s Configuration Change Request in the Logistic Manual and PC-SAL.

INVENTORING AND STOWING PROCEDURES:

CAPE LAMBERT and CAPE LOBOS will have crew joining from Day 2 in accordance with Sect. A – Timeline Schedule. The crew phase-in is planned in such a way as to have sufficient manpower onboard for receiving stores. Considering the large volume of the supplies that shall be received and stored in a short duration of time, CLS will work with the supplier to make the deliveries starting at the earliest time possible, within 36 hours, and completing, within 192 hours. CLS may provide contracted labor to support the maximum required 30-men crew, if required, to complete the task of receiving and stowage.

Spare parts received will be stored as per the PC-SAL indicated location.

Deck Department Stores will be stowed, utilizing the Ship’s Crew, as directed by Chief Mate.

Engine Department Stores will be stowed, utilizing the Ship’s Crew, as directed by Chief Engineer.

Steward Department Stores will be stowed, utilizing the Ship’s Crew, as directed by Chief Steward.

All Department Heads shall verify the delivery of items and pass the completion report to the Port Engineer, or the Master, to forward to CLS Purchasing Department in Jacksonville.

BUNKERING PROCEDURE:

If bunkers are required, they will be loaded in strict compliance with the onboard “Fuel Transfer Procedures” which have been approved by the USCG (attached as Appendix 3) and carried out under the direct supervision of the Chief Engineer.

ACTIVATION PLAN

BB. EMERGENCY PLANS

MEETINGS WITH USCG, LOCAL POLICE AND FIRE DEPARTMENTS

CAPE LAMBERT and CAPE LOBOS does not face any serious security and protection challenges at their present lay-up berth at James River Reserve Fleet. The vessels are moored in the middle of the James River and the only access to the ship is by boat. All external doors are locked and secured by securing bars bolted to the inside of the doors except the main access door, which is locked. The Fleet Personnel in conjunction with MARAD has developed Security Plans for all the ships laid-up at JRRF. CLS does not arrange any formal meetings with the local police and fire departments separately for these vessels. Vessels are laid-up with no crew and are constantly monitored by JRRF through the onboard monitoring system that monitors for fire, flooding and intrusion. The system has audible and visual indicators on the ship and transmits to the fleet via transmitter.

EMERGENCY PLANS:

Emergency plans, analogous to those presented in the Operations Plan, Fire and Safety Plan, Hazardous Material and Waste Disposal, Oil Spill Containment and Solid Waste Disposal have been developed as part of CLS contract requirements with MARAD. CLS continuously audits these plans and programs and incorporates the upgrades and changes in the form revisions and distributes to all Plan Holders on at least an annual basis.

*Cape Lambert
and
Cape Lobos*

ACTIVATION PLAN

APRIL 2002

APPENDICES

APPENDIX 1

SHIP MANAGER INFORMATION SHEET



Updated
11/30/2001

SHIP MANAGER INFORMATION SHEET

Ship Manager:

Crowley Liner Services, Inc.

9487 Regency Square Blvd
Jacksonville, Florida 32225
Switchboard: (8:00 a.m. - 6:00 p.m. EST)
(904) 727-2200
Toll free (800) 874-6769
Central fax (904) 727-2501
24-hr marine dispatch (904) 727-2254
P/R Dept. toll free (800) 801-9956
website: www.crowley.com

Parent Company:

Crowley Maritime Corporation
155 Grand Avenue
Oakland, California 94612
(510) 251-7500

JAX Warehouse (Ship to/Return to Address)

1150 Talleyrand Avenue
Jacksonville, FL 32206
(904) 727-2363 (5am - 12pm)

JAX Marine Operations Trailer

1163 Talleyrand Avenue
Jacksonville, FL 32206
Fax (904) 727-2185
24-hr marine dispatch (904) 727-2254
Dedicated RRF Fax (904) 726-4328

Short Name: Known as "CLS"

Alternate mailing address:

P.O. Box 2110
Jacksonville FL 32203-2110

Management POC - MARAD Program Director:

** Coleman (Cole) Cosgrove
Job Title: Director, Vessel Operations
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Administrative POC:

** Patricia (Pat) Murphy
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Engineering:

** Paul Varghese
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Engineering:

** Mike Golonka
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On-Site Port Engineers and Vessels:

James River RRF

** Del Price
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Jacksonville, FL 32225
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Email: del.price@crowley.com

VESSEL: Cape Lambert/Cape Lobos

same address as Port Engineer

Baltimore

** Ricky Bullock
OFFICE: c/o Maryland Nautical
1400 E. Clement Street
Baltimore, MD 21230
Work-office: (410) 539-4882
Vessel P/E office: (410) 752-2836
(H: (832) 452-5616)
Cell: (443) 742-5584
Fax: (410) 752-4251
Email: usnretird@aol.com

VESSEL: Cape Wrath

Port Covington, Pier 6
339 East Cromwell Street
Baltimore MD 21230-5012
C/E (410) 752-4264
fax (410) 752-4251
24-hr. security phone: (410) 808-4121

VESSEL: Cape Washington

North Florida Shipyards (Jax, FL)
2060 East Adams Street
Jacksonville, FL 32202
C/E (904) 358-5510
fax (904) 358-5511
24-hr. security phone: (904)545-1345
trailer: CLS (904)358-5622 (Ed Eckelhoff,
Chris Dalton, Nancy Watkins)
fax (904) 358-5623
trailer: MARAD (904) 358-5624/5621

Tacoma: Robert Faro

** Sperry Ocean Dock
611 Schuster Parkway
Tacoma WA 98403
Work: (253) 383-6066
Cell: (206) 399-7927
(H: (360) 352-5929)
Fax: (253) 383-7985
Email: robert.faro@crowley.com

VESSELS: Cape Intrepid/Cape Island

Sperry Ocean Dock
611 Schuster Parkway
Tacoma WA 98403
(253) 627-6557 C/E Office-Cape Island
(253) 627-6701 C/E Office-Cape Intrepid
(253) 209-4595 24-hr. security Cape Island
(253) 209-1724 24-hr. security Cape Intrepid

Long Beach: Peter Johnson

** MARAD Office Trailer
2980 W. Nimitz Road
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(H: (209) 383-1272)
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VESSELS: Cape Isabel/Cape Inscription

2980 W. Nimitz Road
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Long Beach, Ca. 90802
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(562) 435-9589 Cape Isabel voice/fax
(562) 618-8917 24-hr. security Cape Inscription
(562) 618-8803 24-hr. security Cape Isabel

Marad Activation Cell Phone (904) 631-7648

Key Personnel Contacts:

<u>Department/Name:</u>	<u>Location</u>	<u>Job Title</u>	<u>Telephone</u>
Management:			
Thomas B. Crowley	Oakland	CMC Chairman, Pres. & CEO	(510) 251-7515
John Douglass	JAX	CLS Sr. VP & GM	(904) 727-2619
Jim Gillen	JAX	Director of Marine Operations	(904) 727-2261
Charlie Nalen	Seattle	VP, Environmental, Safety, QA	(206) 332-8031
Engineering/Operations:			
** Lester Williams	JAX	Sr. Rep. Labor Relations	(904) 727-2614
" "			(home: (904) 353-7601)
" "			pager: (904) 636-4270
** Edwin Colon	JAX	Crewing Coordinator	(904) 727-2412
" "			cell phone (904) 616-3370
Robert McFeeley	JAX	Mgr. Loss Prevention/HazMat	(904) 727-2230
Tracy Odom	JAX	Mgr, Materials	(904) 727-2451
" " "			(home: (904) 636-8518)
" " "			cell: (904) 655-2186
** Marian Mobley	JAX	Buyer	(904) 727-2610
			(home: (904) 744-1433)
Richard O'Malley	JAX	Bunker Specialist	(904) 727-2604
Administrative:			
Raymond Andersen	JAX	Director, Accounting Svcs.	(904) 727-2512
Leo Fields	JAX	Director, Network Svcs.	(904) 727-2590
Edward Fortunato	Wash DC	Director, Government Svcs	(703) 684-3132
** Heike Lynagh	JAX	Payroll Supervisor	(904) 727-2560
Jack Lavergne	JAX	Mgr. Accounts Rec.	(904) 727-2323
Linda McKenzie	JAX	Mgr, Accounts Payable	(904) 727-2325
** Joy Sargent	JAX	Spvsr, Personal Injury Claims	(904) 727-2691
			(home: (904) 737-4485)
Vicki Roberts	JAX	Specialist, Claims	(904) 727-2565
		Risk Mgt. Jax fax	(904) 805-1639
Dwight Menard	JAX	Mgr, Personal Injury Claims	(904) 727-2231
Pat Toner	Oakland	Mgr, Contractual Insurance Req.	(510) 251-7586
Kimberly Stotler	Oakland	Analyst, Contractual Insurance Re	(510) 251-7587
		Risk Mgt.OAK fax	(510) 251-7625
** Judy Hagerty	JAX	Activation Coordinator	(904) 727-2494
" " "			(home: (904) 285-2857)
" " "			cell: (904) 874-2857
** Curt Hingson	JAX	Activation Coordinator	(904) 727-2152
" " "			(home: (904) 262-3213)
Navigant(Getz) Travel - CLS specific			(904) 727-4210
" " "			24 hour 1-800 777-4720
** " Vickie Penton	JAX	Spvsr, Navigant(Getz) Travel	(904) 727-2215
" " "			(home: (904) 642-1815)

** Denotes a Notification/Alert Response Team Contact Person

APPENDIX 2

7 / 90 / 180 DAY STORES LISTS

SHIPS 180-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			

SOAPS, CLEANERS AND CLEANSERS

12	12		PAIL	DEGREASER (J) SOLVENT 140-SX-90 (SELIG 218711) 5 GALS PER	JE38 4006 40
1	1	12	CS	BLEACH (J) LIQUID (SELIG 273207) 4/1 GAL PER CASE	JE10 4004 40
	6		CS	CLEANER (J) DRAIN FORMULA-0 98 (SELIG 217709) 1 DZ/ 20 OZ	JE30 0023 40
		4	CS	CLEANER (J) FLOOR LIQUID-NEUTRO-JEL (SELIG 094507) 4/1 GAL	JE30 0024 40
			PAIL	CLEANER (J) FLOOR LIQUID-NEUTRO-JEL (SELIG 094511) 5 GAL	JE30 0021 40
		8	CS	CLEANER (J) GERMICIDIAL GERMAWAY (SELIG 301002) 12/ 1 QT	JE10 0006 40
3		8	CS	CLEANER (J) GLASS GLASHINE (SELIG 209403) 12/1 QT BTLS P	JE30 4009 40
2			CS	CLEANER (J) HAND SOAP GABE'S GRIT (SELIG 254070) 9/2500 M	JE62 0003 40
2	12		CS	CLEANER (J)HAND W/GRT ORANGE RUFFY (SELIG 254970) 9/250	JE62 4007 40
	2	8	CS	CLEANER (J) PINE PINETEX (SELIG 295007) 4/1 GALS PER CASE	JE30 4012 40
		12	CS	CLEANER (J) SURFACE SPRAY GOSH (SELIG 209202) 12/1 QT C	JE30 4010 40
		8	CS	CLEANER (J)ALL SURFACE,CREME CLEANSER, DISINFECTANT,S	JE30 0022 40
1		4	CS	DEGREASER (J) CLEAR CHOICE 5 GALS PER PAIL	CC60 4002 40
			PAIL	DEGREASER (J) CLEANER, CLEAR-CHOICE (SELIG 213511/PAIL	CC60 4004 40
		4	CS	CLEANER (J) SOLVENT ZONE DEFENSE (SELIG 049509) 1 DZ CA	CC60 0080 40
		4	PAIL	DETERGENT (J) LAUNDRY SNO-WHITE (SELIG 288203) 45 LBS PE	JE38 4010 40
		4	CS	DETERGENT (J) LAUNDRY SNO-WHITE (SELIG 475618) 4/10LB PA	JE38 4020 40
			EA	DISPENSER SOAP (J) HAND IRON MAN (SELG 508105)	HG15 0002 40
2	2	4	CS	SOAP (J) HAND LAVA 48/CS	JE62 4002 40
		3	CS	POLISH (J) STNLS STEEL,SELCO-SHINE (SELIG 020309)1 DZ CAN	JE14 0005 40
4	4	6	EA	SPRAYER (J) SOLVENT RESISTENT QT BOTTLE	JE54 4020 40
		8	CS	STRIPPER (J) WAX RE-MOV (SELIG 089807) 4/1 GALS PER CASE	JE30 4013 40
			CS	WAX (J) FLOOR LIQUID NJ-FINISH (SELIG 094207) 4/1 GALS PER	JE76 4001 40
		4	PAIL	WAX (J) FLOOR LIQUID NJ FINISH (SELIG 094213) 5 GALS PER D	JE76 4002 40

CLEANING AND MAINTENANCE BRUSHES AND MOPS

6	3		EA	BROOM (J) GARAGE 36" W/O THRD.HDL. #1107-36	JE18 4004 40
			EA	BROOM (J) STREET 16" W/O HANDLE PALMYRA	JE18 4005 40
8			EA	BROOM (J) WHISK 9" #70031	JE18 4006 40
8	3		EA	BROOM (J) CORN HEAVY DUTY	JE18 4001 40

SHIPS 180-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
		4	EA	BROOM (J) PUSH 18" W/HANDLE FINE BRISTLE	JE18 4002 40
			BX	BRUSH (J) ACID 144/BX	JE22 4000 40
		6	EA	BRUSH (J) HAND SCRUB PLASTIC 4" X 12"	JE22 4001 40
8	4		EA	BRUSH (J) TURKS HEAD 4 1/2 DIA MAGNOLIA #1429 WITH THREA	JE22 4003 40
8	4	12	EA	BRUSH (J) COUNTER DUSTER FOXTAIL #208-8	JE22 4004 40
			EA	BRUSH (J) DECK 9" HOL. PALMYRA #610	JE22 4005 40
			EA	BRUSH (J) HAND SCRUB 8" #598	JE22 4006 40
3		24	EA	BRUSH (J) SANITARY 20" WOOD HANDLE	JE22 4008 40
6	6		EA	BRUSH (J) STEEL WIRE 3 X 19 ROW BH	JE22 4009 40
6	6		EA	BRUSH (J) STEEL WIRE 4 X 16 ROW SHOE HDL #114	JE22 4010 40
	4		EA	BRUSH (J) WIRE SCRATCH SHOE HANDLE BRASS	JE22 4015 40
		8	EA	PADS (J) BUFFING RED 16"	AB40 4000 40
			EA	BROOM (J) FLOOR 24" TAMPICO	JE18 4007 40
3	4		EA	HANDLE (J) MOP SPRING TYPE	JE50 4000 40
12			EA	HANDLE (J) WOOD 54" TAPERED	JE18 4009 40
12	4		EA	HANDLE (J) WOOD 54" THREADED WITH METAL TIP	JE18 4010 40
			EA	MOP (J) YACHT 16 OZ. W/HANDLE	JE50 4005 40
			EA	MOP (J) YACHT 20 OZ. W/HANDLE	JE50 4006 40
			EA	MOP (J) YACHT 24 OZ. W/HANDLE	JE50 4007 40
12	16	30	EA	MOPHEAD (J) 32 OZ. COTTON	JE50 4004 40
			EA	MOPHEAD (J) 16 OZ. COTTON	JE50 4001 40
			EA	MOPHEAD (J) 20 OZ. COTTON	JE50 4002 40
			EA	MOPHEAD (J) 24 OZ. COTTON	JE50 4003 40
			EA	PADS (J) POLISHING WHITE 16"	AB25 4000 40
3	3	10	BX	PADS (J) SCOTCH BRITE 3M 10 PADS/BX.	AB40 4001 40
3	6	8	EA	BRUSH (J) SCRUB UTILITY LONG HANDLE #417OSBORN	JE22 4012 40
		8	EA	BRUSH (J) SCRUB UTILITY SHORT HANDLE OSBORN 413	JE22 4013 40
		10	EA	PADS (J) STRIPPING BLACK 16"	AB40 4002 40
			EA	BRUSH (J) WIRE SCRATCH SHOE HANDLE STAINLESS STEEL	JE22 4016 40
		6	EA	BRUSH (J) WIRE SCRATCH CURVED HANDLE STAINLESS STEEL	JE22 4017 40

SHIPS 180-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			

CLEANING AND MAINTENANCE SUPPLIES

20	20		EA	ABSORBENT (J) 50# BAG AP-SORBANT SELIG (SELIG 117605) 50	AS50 0010 40
			CS	FILTER (J) AIR 16 X 25 X 1 12/BX	FI10 4001 40
	3		CS	FILTER (J) AIR 18 X 25 X 1 12/BX	FI10 4002 40
			EA	FILTER (J) AIR DISPOSABLE 16 X 20 X 1	FI10 4000 40
3	4		EA	GUN (J) CLEANING BINKS 140B	TL25 4000 40
8	3	6	EA	BUCKET (J) 10 QT RUBBERMAID 2963	JE26 4001 40
			EA	BUCKET (J) GALVANIZED 14 QT.	JE26 4002 40
4	2	4	EA	BUCKET (J) MOP 14 QT W/WRINGER	JE26 4003 40
			EA	BUCKET (J) MOP 26 QT RUBBERMAID #6113	JE26 4007 40
			EA	BUCKET (J) MOP 35 QT RUBBERMAID	JE26 4008 40
			EA	BUCKET (J) PLASTIC 14 QT #2614	JE26 4005 40
			EA	PAN (J) DUST METAL	JE46 4001 40
6	4	6	EA	PAN (J) DUST RUBBERMAID	JE46 4002 40
4	1		EA	HOSE (J) GARDEN HVY DUTY 3/4" 100 FT. BLACK RUBBER GOOD	PH49 4000 40
	1	1	EA	HOSE (J) GARDEN HVY DUTY 3/4" 50 FT. BLACK RUBBER GOOD	PH49 4001 40
	2		RL	FILTER ROLL (J) UTILITY GENERATOR TURBO GLASS/POLYESTER	FI10 4003 40
3	3		EA	WASHER (J) HOSE 3/4"	FA60 4000 40
			CS	FILTER (J) AIR INVERTER 16 X 18 X 1 12/BX	FI10 4004 40
			CS	FILTER (J) AIR INVERTER 16 X 20 X 1 12/BX	FI10 4005 40
			RL	FILTER (J) AIR M.E. TURBO MATERIAL GLASS	FI10 4006 40
			BG	ABRASIVE (J) M.E. TURBO WALNUT SHELLS SIZE 12/20 MEDIUM	AB15 4002 40
1		3	EA	MAT (J) CARPET 24" X 36" SHORT PILE DARK COLOR	JE99 4004 40
		3	EA	MAT (J) CARPET 16" X 27"	JE99 4003 40
4	1	3	EA	MAT (J) CARPET 36" X 60" SHORT PILE DARK COLOR	JE99 4005 40
	12		EA	MAT (J) COCOA CCL #2 16" X 27"	JE99 4001 40
4	4	1	EA	NOZZLE (J) HOSE PISTOL GRIP 3/4"	HG45 4000 40
8			EA	ABSORBENT (J) PADS OIL #200 T151 200/BDL 3/16" THICK	AS55 4001 40
2	2	3	RL	PAPER (J) BROWN ROLLS FOR FLOOR 36" X 250'	JE54 4003 40
12	24	1	BX	RAGS (J) MARINE COLOR 100% COTTON WIPING, 50# CT. MIX	JE58 4000 40

SHIPS 180-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
3	3		EA	SCOOP (J) PLASTIC FLAT BOTTOM 2 QT.	JE99 4002 40
3			EA	SHOVEL (J) GRAIN/HOG 14" X 17" PLASTIC GRAINGER PN 3Z224	TL25 4031 40
			EA	SHOVEL (J) HAND GALV. 18" O.A.	TL25 4001 40
			EA	SHOVEL (J) SQUARE POINT "D" HANDLE	TL25 4002 40
			EA	SPONGE (J) SCRUBBING HVY DUTY 6"X4"X2"	JE58 4002 40
2	2	2	EA	SQUEEGEE (J) DECK HD 24" GRAINGER # 3A3337	JE22 4023 40
2			EA	SQUEEGEE (J) WINDOW 12"	JE22 4019 40
			EA	SQUEEGEE (J) WINDOW 18"	JE22 4020 40
2	3	2	EA	CAN (J) TRASH HVY DTY 32 GAL RUBBERMAID #3632	CS45 4003 40
3		1	EA	CAN (J) TRASH HVY DTY 55 GAL RUBBERMAID #2655 GRAY	CS45 4004 40
3		1	EA	CAN (J) TRASH HVY DTY 55 GAL RUBBERMAID #2655 YELLOW	CS45 4005 40
		5	EA	CAN (J) TRASH ROOM SIZE 28 QT RUBBERMAID	CS45 4006 40

PAPER AND PLASTIC SUPPLIES

			C	BAG (J) PLASTIC ZIP-LOCK 3" X 5" 4MIL WITH WHITE WRITE-ON	RS18 4004 40
			C	BAG (J) PLASTIC ZIP-LOCK 4" X 6" 4 MIL WITH WHITE WRITE-ON	RS18 4005 40
			C	BAG (J) PLASTIC ZIP-LOCK 6" X 9" 4 MIL WITH WHITE WRITE-ON	RS18 4008 40
			C	BAG (J) PLASTIC ZIP-LOCK 8" X 12" 4 MIL WITH WHITE WRITE-ON	RS18 4009 40
2	2	3	CS	BAG (J) GARBAGE 60 GAL BK60 22 X 16 X 58 1.2 MIL	RS18 4010 40
		2	CS	BAG (J) PLASTIC LINER 5 GAL 500/CS	RS18 4000 40
			CS	BAG (J) PLASTIC 30 GAL 250/CS (1.5 MIL) MEDIUM WEIGHT	RS18 4001 40
			CS	BAG (J) PLASTIC 55 GAL HEAVY WEIGHT	RS18 4002 40
8	8	24	CS	BAG (J) PAPER REFUSE 30 GAL 50/PK PAPER	RS18 4003 40
1	1		CS	WIPERS (J) PAPER SCOTT 5700	JE54 4000 40
	1		RL	SHEETING (J) PLASTIC 4 MIL 36" X 100'	HG75 4001 40
1	1		PK	TAGS (J) MANILA W/WIRE TIES 2.5" X 4.5" 250/PK	OS66 4001 40
		12	CS	TISSUE (J) TOILET 96'S	JE70 4000 40
		3	CS	TOWELS (J) PAPER ROLL INDUST STRENGTH YELLOW BIRCH P	JE54 4004 40
	4	30	CS	TOWELS (J) PAPER ROLLS 30/CS	JE54 4001 40
	2	8	CS	TOWELS (J) PAPER SINGLEFOLD 15/PKG 250/CS	JE54 4002 40

SHIPS 180-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
<i>PAINT BRUSHES AND ROLLERS</i>					
1			EA	BRUSH (J) ROUND MARKING 1/2" DIA. CORONA	PS10 4000 40
1			EA	BRUSH (J) ROUND STENCIL 1" DIA. CORONA	PS10 4001 40
			EA	BRUSH (J) ACID 3/8"	PS10 4003 40
25			EA	BRUSH (J) BENT WOOD HANDLE 1" CORONA	PS10 4004 40
			EA	BRUSH (J) BENT WOOD HANDLE 1-1/2" CORONA	PS10 4005 40
30	12		EA	BRUSH (J) BENT WOOD HANDLE 2" CORONA	PS10 4006 40
			EA	BRUSH (J) BENT WOOD HANDLE 2-1/2" CORONA	PS10 4007 40
20			EA	BRUSH (J) BENT WOOD HANDLE 3" CORONA	PS10 4008 40
	8		EA	BRUSH (J) FLAT PAINT 1" CORONA	PS10 4009 40
5	4		EA	BRUSH (J) FLAT PAINT 1 1/2" CORONA	PS10 4010 40
	6		EA	BRUSH (J) FLAT PAINT 2" CORONA	PS10 4011 40
5			EA	BRUSH (J) FLAT PAINT 3" CORONA	PS10 4013 40
5			EA	BRUSH (J) FLAT PAINT 4" CORONA	PS10 4014 40
			EA	BRUSH (J) FLAT VARNISH 2" CORONA	PS10 4017 40
			EA	BRUSH (J) FLAT VARNISH 3" CORONA	PS10 4019 40
			EA	BRUSH (J) FLAT VARNISH 4"	PS15 4022 40
			EA	BRUSH (J) STENCIL 3/4" CORONA	PS10 4021 40
			EA	MITT (J) PAINTER	PS99 4000 40
20			EA	COVER (J) ROLLER ARSCO 18" SEALED CORE	PS20 4006 40
20	12		EA	COVER (J) ROLLER ARSCO 4" MAC 40 SEALED CORE	PS20 4000 40
20			EA	COVER (J) ROLLER ARSCO 7" MAC 70 SEALED CORE	PS20 4001 40
20	12		EA	COVER (J) ROLLER ARSCO 9" MAC 90 SEALED CORE	PS20 4002 40
5			EA	FRAME (J) ROLLER 18" SEALED CORE	PS20 4007 40
5	3		EA	FRAME (J) ROLLER 4" MAF 40 SEALED CORE	PS20 4003 40
5			EA	FRAME (J) ROLLER 7" MAF 70 SEALED CORE	PS20 4004 40
5			EA	FRAME (J) ROLLER 9" MAF 90 SEALED CORE	PS20 4005 40
6			EA	POLE (J) ROLLER PAINT EXTENSION 6' WOOD	PS15 4000 40
6			EA	POLE (J) ROLLER PAINT EXTENSION 4' WOOD	PS15 4001 40

MISCELLANEOUS PAINT SUPPLIES

SHIPS 180-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
6	8		EA	SCRAPER (J) ALL METAL	PS99 4001 40
3			EA	POLE (J) EXTENSION ALUMINUM 6'-12' #3212	PS15 4002 40
3	1		EA	POLE (J) EXTENSION ALUMINUM 6'-18'	PS15 4003 40
3	2		EA	HAMMER (J) CHIPPING WOOD HANDLE	TL20 4002 40
2	2	1	EA	KNIFE (J) UTILITY 10-099	TL20 0204 40
1	2	1	PK	BLADE (J) UTILITY KNIFE SPARE 5/PK	TL20 4001 40
3	6		EA	TRAY (J) PAINT PLASTIC 1 GAL CAP	PS30 4001 40
			EA	SCRAPER (J) 5 IN 1 PAINT TOOL CAMBAR CAT. 123 PG. 243	TL20 4003 40
2			EA	SPRAYER (J) HUDSON 63490 GALV. 4 GAL.	PS99 4002 40
8			EA	MESH (J) STEEL FOR PAINT POT	PS99 4003 40

METAL CLEANERS AND PAINT PRODUCTS

			CS	CLEANER(J) PAINT REMOV HANDY-MAN 1/DZ CS SELIG # 038909	CC20 0020 40
			CS	COATING (J) RUST PREVENT LINEBACKER (SELIG 238407) 4 / 1 G	CC20 4008 40
2			EA	NONSKID (J) COMPOUND 1 UNIT/5 GAL.	PS99 4004 40
5	1		EA	PAINT (J) SPRAY BLACK	PT45 4001 40
5			EA	PAINT (J) SPRAY BLUE	PT45 4002 40
5			EA	PAINT (J) SPRAY CLEAR	PT45 4007 40
5			EA	PAINT (J) SPRAY FLUORECENT GREEN	PT45 4008 40
5			EA	PAINT (J) SPRAY FLUORECENT RED	PT45 4009 40
5			EA	PAINT (J) SPRAY FLUORECENT YELLOW	PT45 4010 40
5			EA	PAINT (J) SPRAY GRAY	PT45 4003 40
5			EA	PAINT (J) SPRAY INTERNATIONAL ORANGE	PT45 4006 40
5	1		EA	PAINT (J) SPRAY SAFETY RED	PT45 4005 40
5			EA	PAINT (J) SPRAY SAFETY YELLOW	PT45 4004 40
5			EA	PAINT (J) SPRAY WHITE	PT45 4000 40
2			EA	VARNISH (J) SPAR CLEAR EXTERIOR USE W/UV PROTECTION SA	PT75 4000 40

LADDERS

1			EA	LADDER (J) FIBERGLASS SINGLE 14'	HG40 4000 40
1	1		EA	LADDER (J) FIBERGLASS EXTENSION 28'	HG40 4001 40

SHIPS 180-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
1	2	1	EA	LADDER (J) STEP 3' FIBERGLASS CLASS 1A 300 LB CAPACITY	HG40 4014 40
			EA	LADDER (J) STEP 3' WOOD CLASS 1A 300 LB CAPACITY	HG40 4008 40
			EA	LADDER (J) STEP 5' FIBERGLASS CLASS 1A 300 LB CAPACITY	HG40 4015 40
			EA	LADDER (J) STEP 5' WOOD CLASS 1A 300 LB CAPACITY	HG40 4009 40
1	1		EA	LADDER (J) STEP 6' FIBERGLASS CLASS 1A 300 LB CAPACITY	HG40 4016 40
			EA	LADDER (J) STEP 6' WOOD CLASS 1A 300 LB CAPACITY	HG40 4010 40
2	1		EA	LADDER (J) STEP 8' FIBERGLASS CLASS 1A 300 LB CAPACITY	HG40 4017 40
			EA	LADDER (J) STEP 8' WOOD CLASS 1A 300 LB CAPACITY	HG40 4011 40
			EA	LADDER (J) WOOD STRAIGHT 12 FT CLASS 1A 300 LB CAPACITY	HG40 4003 40

LIFE SAVING EQUIPMENT

1			EA	BUCKET (J) 8 QT. W/LANYARD	CS20 4000 40
			EA	BULB (J) FLASHLIGHT PR-2 2.38V .50AMP	LF15 4024 40
3			EA	RING (J) BUOY ORANGE 30" USCG APPD	SE40 4000 40
1			EA	OIL (J) ILUMINATING WATERTIGHT CONTAINER	LU99 4000 40
5			EA	FLASHLIGHT (J) 3 D CELL USCG APPROVED	LF20 4001 40
5	3		EA	FLASHLIGHT (J) 2 D CELL BRIGHTSTAR 1618	LF20 4000 40
1			EA	HATCHET (J) W/LANYARD	TL25 4003 40
1	2		EA	JACKNIFE (J) W/LANYARD	TL25 4004 40
3			EA	LIFEJACKET (J) ADULT W/REFLECTIVE TAPE SEWN ON	SE40 4002 40
10			EA	LIGHT (J) PFD CYALUME 6075	LF60 4004 40
3			EA	LIGHT (J) PFD F/LIFE PRES. #L8-2A USCG APPROVED	LF60 4001 40
1	1		EA	MATCHES (J) WATERPROOF CONTAINER	RS46 4000 40
			EA	PROVISIONS (J) LIFEBOAT 32 OZ.	FD99 4000 40
1			RL	TAPE (J) REFLECTIVE F/LIFEJACKET REPAIR	SE40 4017 40
			CS	WATER (J) FOR LIFEBOAT 10 2/3 OZ 24/CS	FD99 4001 40
2			EA	WHISTLE (J) W/LANYARD	SE40 4006 40

PYROTECHNICS

			EA	FLARE (J) HAND HELD ROCKET	SE40 4010 40
			EA	FLARE (J) RED HAND HELD USCG APPROVED WW611	SE40 4012 40

SHIPS 180-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			

FIRE FIGHTING EQUIPMENT

			EA	AXE (J) PICK HEAD FIRE 36"	TL25 4006 40
50			FT	CHAIN (J) BRASS JACK	HM35 4001 40
12			EA	GASKET (J) FIREHOSE 1 1/2" HOSE	PG60 4000 40
12			EA	GASKET (J) FIREHOSE 2 1/2" HOSE	PG60 4001 40
			EA	HOSE (J) FIRE 1 1/2" X 50' NST UL BRASS PIN LUG	PH19 4000 40
2			EA	HOSE (J) FIRE 1-1/2" X 75' NST UL BRASS/PIN LUG	PH19 4002 40
			EA	HOSE (J) FIRE 2-1/2" X 50' NST UL BRASS/PIN LUG	PH19 4003 40
2			EA	HOSE (J) FIRE 2 1/2" X 75' NST UL BRASS PIN LUG	PH19 4001 40
1	1		EA	NOZZLE (J) WASHDOWN 1-1/2" MCMASTER 6469T36	SE20 4004 40

SAFETY EQUIPMENT

			EA	CHIN STRAP (J) FOR HARD HAT	SE25 4002 40
			BX	MASK (J) DUST MIST, PARTICLE NON-TOXIC 20/BX 3M 8710	SE45 4003 40
1	6		BX	EAR PLUG (J) WITH CORDS 100/BX MAXLITE NRR30	SE10 4001 40
3	1		GAL	EYE WASH (J) SOLUTION REFILL	SE10 4003 40
8	3		EA	FACE SHIELD (J) HEAD BAND BRACKET HK	SE15 4001 40
10	18		EA	FACE SHIELD (J) CLEAR 3440V	SE15 4000 40
7			EA	HARNES (J) FULL-BODY, SINGLE D-RING ROSE 502720	SE25 4001 40
	4	8	BX	GATORADE (J) 8.5 OZ POWDER MIX PKS 20/BX	FD30 0001 40
1	2		EA	GOGGLES (J) BURNING #5 LENS OKI BEARING WS80	SE50 4002 40
8	12		EA	GOGGLES (J) CHIP-GRIND-CHEM SPLASH PROTECTION UVEX	SE50 4001 40
5	6		EA	HAT (J) HARD WHITE MAVERICK MAVHAT	SE30 4000 40
			EA	CAP (J) HEARING PROTECTION CANAL H LEIGHT QB2	SE30 4001 40
10	1		EA	PROTECTOR (J) HEARING EAR MUFF WILSON NRR28	SE10 4002 40
2			BX	CARTRIDGE (J) ORGANIC VAPOR 3M 6001	SE45 4002 40
			EA	PREFILTER (J) 3M 5010	SE45 4004 40
4	8		EA	RESPIRATOR (J) DISP FOR WELD FUMES AND NUISANCE VAPO	SE45 4022 40
			EA	RINGS (J) RETAINER 3M 501	SE45 4023 40
12	12		EA	GLASSES (J) SAFETY CLEAR UVEX 3000 #135	SE50 4005 40

SHIPS 180-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
3			EA	VEST (J) REFLECTIVE NYLON MESH SERVICE & MATERIAL FVIYF	SE25 4004 40

GASKETS AND TAPE

	2		EA	FORM-A-GASKET (J) 1 PT AVIATION 3D	PG99 4000 40
			EA	ELIMINATOR (J) GASKET (PERMATEX)	PG99 4012 40
			EA	GASKET MAKER (J) SILICONE RTV (SELIG 032505) 1 DZ 10 OZ CA	CC15 4005 40
	4		FT	RUBBER (J) SHT,GASKET MATERIAL 36"W 1/16	PG60 4002 40
	8		FT	FIBER (J) SHT.GASKET MATERIAL 36"W 1/16"	PG40 4000 40
	8		FT	RUBBER (J) SHT,GASKET MATERIAL 36"W 1/8	PG60 4003 40
	8		FT	FIBER (J) SHEET,GASKET MATERIAL 36"W,1/8	PG40 4001 40
	6		EA	MATERIAL (J) GASKET HIGH TEMP/STEAM 1/16 50" X 50" SHEET	PG45 4000 40
	6		EA	MATERIAL (J) GASKET HIGH TEMP/STEAM 1/8 50" X 50" SHEET	PG45 4001 40
			EA	NUT (J) LOCK ADHESIVE 1.69 OZ.	PG99 4003 40
	2		EA	LOCTITE (J) 609	PG99 4013 40
			EA	LOCTITE (J) PRIMER	PG99 4014 40
	2		EA	LOCTITE (J) F/MAKING O-RING,80851 PERMATEX	PG99 4005 40
	2		EA	FORM-A-GASKET (J) SILICONE BLUE 12 OZ	PG99 4006 40
6	24		EA	SILICONE (J) CLEAR	PG99 4007 40
			EA	SILICONE (J) RED FORM-A-GASKET 12 OZ	PG99 4008 40
8	1	8	EA	TAPE (J) MASKING 3" X 60 YD	HG10 4000 40
1			EA	TAPE (J) PACKING 2" FILAMENT	HG10 4001 40
2	6		EA	TAPE (J) TEFLON 1/2" X 520"	HG10 4002 40
	6		EA	TAPE (J) TEFLON 3/4" X 520"	PG65 4000 40
8	8		EA	TAPE (J) DUCT 2" X 60 YD.	HG10 4003 40
8	3		EA	TAPE (J) DUCT 3" X 60 YD.	HG10 4004 40
			EA	TAPE (J) ELECT 3/4"X66' SCOTCHSUPER #88	HG10 4006 40
			EA	TAPE (J) ELECT GLASS CLOTH 3/4"X66' #27	HG10 4007 40
	2	12	EA	TAPE (J) ELECTRICAL 3/4" X 66' SCOTCH 33	HG10 4005 40
8			EA	TAPE (J) MASKING 1" X 60 YD.	HG10 4009 40
8	6		EA	TAPE (J) MASKING 2" X 60 YD.	HG10 4010 40
8	4		EA	SEALANT (J) THREAD 1 PT W/BRUSH #14D	PG99 4009 40

SHIPS 180-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			

LUBRICANTS AND LUBRICATION EQUIPMENT

3	3		EA	GUN (J) GREASE ALEMITE 4041 B	FT42 4001 40
2	3		CS	ANTISEIZE (J) LUBRICANT NO GRAB (SELIG 220005) 12/ 8 OZ CA	CC25 4001 40
	3		EA	WAX (J) BEES COMM'L GRADE 1 LB.	RE99 4000 40
2	2		CS	COATING (J) GALVANIZING ZINC RICH 16OZ	CC90 4000 40
			EA	FITTING (J) GREASE HYD STRAIGHT 1/4 NPT 1627	FT42 4005 40
			EA	FITTING (J) GREASE HYD STRAIGHT 1/8 NPT 1610	FT42 4006 40
			EA	FITTING (J) GREASE HYD 90 EL 1/4 NPT 1629-B	FT42 4007 40
			PAIL	GREASE (J) EP-2 35# PAIL	LU15 4000 40
			EA	FITTING (J) GREASE BUTTONHEAD 1/4" A1186	FT42 4009 40
			EA	FITTING (J) GREASE BUTTONHEAD 1/8" A1184	FT42 4010 40
			EA	FITTING (J) GREASE 45* 1/8" #A-684 PIN TYPE	FT42 4011 40
			EA	GREASE (J) SILICONE DOW 111 16 OZ TUBE	LU15 4010 40
1			EA	GREASE (J) WHITE 35# PAILS LITHIUM BASE	LU15 4004 40
	1		CS	LUBRICANT (J) CUTTING OIL 19-SX-93 (SELIG 241011) 5 GALS PE	LU20 0008 40
			CS	LUBRICANT (J) ENVIRO MASTER MECH AERO (SELIG 035109) 1	LU20 4012 40
			CS	LUBRICANT (J) O-RING LOCTITE OR DOW CORNING 5-OZ TUBE	PG99 4010 40
	6		CS	LUBRICANT (J) MOLYKOTE SPRAY	LU10 4001 40
12	24		CS	LUBRICANT (J) PB BLASTER 16 OZ AEROSOL	LU20 4000 40
			EA	LUBRIPLATE (J) CARTRIDGE	LU15 4007 40
	2		EA	MOLYCOTE (J) G/N PASTE 17.5 OZ. UNIT	LU20 4003 40
1			DR	OIL (J) FISH 55 GAL. DRUM	LU20 4009 40
5	2		GAL	OIL (J) MYSTERY #014 1 GAL.	LU20 4010 40
			EA	OILER (J) 1/2 PT.	CS30 4000 40
3	3		EA	PUMP (J) OILER 1 PT.	PC50 4000 40
			EA	DIE MARK (J) PRUSSIAN BLUE 3/4 TUBE #35V	CC40 4000 40
3			PAIL	LUBRICANT (J) WIRE 35# PAIL	LU15 4001 40

ELECTRICAL SUPPLIES AND LAMPS

			CS	BULB (J) NAVIGATION FILAMENT 50/50 120V	LF15 4026 40
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SHIPS 180-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
			CS	BULB (J) ROUGH SERVICE 60W SYLVANIA	LF15 4028 40
			BX	CONNECTOR (J) BUTT 12-10 100/BX	EL74 4000 40
			BX	CONNECTOR (J) BUTT 16-14 100/BX	EL74 4001 40
			BX	CONNECTOR (J) BUTT 22-18 100/BX	EL74 4002 40
			CS	CHEMICAL (J) CRC ZINC IT	CC70 4000 40
	6		CS	CLEANER (J) CONTACT SPRAY LECTRON 2020 (SELIG 032909) 1	CC75 4004 40
	50		FT	CORD (J) PORTABLE 14/3 SO	EL10 4001 40
			EA	DUXSEAL (J) 1 LB.	EL18 4008 40
			EA	CORD (J) EXTENSION HD3 PRG50 NON STICK	EL34 4000 40
			EA	CORD (J) EXTENSION H.D. 3 PRONG 50' NON-STICK 220V 2-PR	EL34 4002 40
	2		EA	CORD (J) EXTENSION H.D.2-PRONG 100' 220V EUROPEAN STYLE	EL34 4003 40
			EA	CORD (J) EXTENSION H.D. 3 PRONG 100'	EL34 4001 40
			EA	LIGHT (J) EXT. 5025-SRG MCGILL 120V 100W 25' STRAIGHT BL	LF30 4017 40
			EA	GLOBE (J) WT CLEAR 3 5/16 DIA X 5"	LF35 4001 40
			EA	GLOBE (J) WT CLEAR 3 5/16 DIA X 6"	LF35 4002 40
			EA	GUARD (J) BRASS 6" OCEANIC 517	LF40 4001 40
			EA	INSULATION (J) HEAT SHRINK 1/16 DIA 4' LENGTH	EL66 4000 40
			EA	INSULATION (J) HEAT SHRINK 1/2 DIA 4' LENGTH	EL66 4001 40
			EA	INSULATION (J) HEAT SHRINK 1/4 DIA 4' LENGTH	EL66 4002 40
			EA	INSULATION (J) HEAT SHRINK 1/8 DIA 4' LENGTH	EL66 4003 40
			EA	INSULATION (J) HEAT SHRINK 3/8 DIA 4' LENGTH	EL66 4004 40
			EA	INSULATION (J) VARNISH SPRAY RED GLYPTOL3M 1602	PT40 4000 40
			CS	LAMP (J) CIRCLINE FC8T9/CW 4 PIN 22W COOL WHITE	LF30 4000 40
	18		CS	LAMP (J) FLUORESCENT F20/T12 BI PIN 24/CASE	LF15 4030 40
	18		CS	LAMP (J) FLUORESCENT F40/CW BI PIN 30/CASE	LF15 4032 40
			CS	LAMP (J) FLUORESCENT F48/T12 (30/CS) SINGLE PIN	LF15 4033 40
			CS	LAMP (J) INCANDESCENT 100W 120V 100A 19/RS E27 MED SCR	LF15 4035 40
			CS	LAMP (J) INCANDESCENT 100W A19 220V 100 RS E27 MEDIUM SC	LF15 4048 40
			CS	LAMP (J) INCANDESCENT 300W 120V MOGAL BASE 24/CS	LF15 4049 40
			CS	LAMP (J) INCANDESCENT 40W A19 40A 220V RS 120/CS	LF30 4005 40

SHIPS 180-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
			CS	LAMP (J) INCANDESCENT 50W A19 501/RS 120V 120/CS	LF15 4006 40
			CS	LAMP (J) INCANDESCENT 50W A19 220V501/ RS 120/CS	LF30 4020 40
			CS	LAMP (J) INCANDESCENT 60W A19 130V 120/CS	LF15 4008 40
	5		CS	LAMP (J) INCANDESCENT 60W A19 220V 120/CS	LF15 4050 40
			CS	LAMP (J) INDICATOR 3080 24V 5W E14 2 1/4 X 1/2 DIA	LF30 4011 40
			CS	LAMP (J) INDICATOR #44 6.3V .25A MIN SC BAYONET (100/CS)	LF30 4007 40
			BX	LAMP (J) INDICATOR GE 1819 100/CS	LF15 4016 40
			CS	LAMP (J) MERCURY HR400DX33 400W E40 (MOGUL SCREW) G	LF30 4014 40
			CS	LAMP (J) QUARTZ HALOGEN 500T3Q/CL 120V 500W RECESSED	LF30 4016 40
			EA	EXTENSION (J) LIGHT FLUORESCENT 50 FT.	EL50 4003 40
			EA	LUG (J) CONNECTOR STA-KON 2RA18 (100/PK) INSULATED	EL26 4005 40
			BX	LUG (J) TERMINAL STAKON A18-10 NON-INSULATED (100/PK)	EL26 4008 40
			BX	LUG (J) TERMINAL STAKON RC1014 INSULATED (100/PK)	EL26 4012 40
			BX	LUG (J) TERMINAL STAKON C10-10 NON-INSULATED (100/PK)	EL26 4014 40
			EA	PLUG (J) MIPCO 32A 440V 333FC	EL50 4001 40
			EA	PLUG (J) MIPCO 32A 440V 333MP	EL50 4002 40
			EA	SEALANT (J) SILICONE ELEC GRADE GE RTV 122 10.3 OZ TB	CC50 4001 40
	96		EA	STARTER (J) FS-2 FOR 14,15 & 20W NEOSTART STARTER	EL70 4000 40
			EA	STARTER (J) FS-20 14,15,20 WATT MANUAL RESET STARTER	EL70 4001 40
	96		EA	STARTER (J) FS-4 FOR 13,30 & 40 WATT NONSTART STARTER	EL70 4002 40
			PK	TIES (J) CABLE 11" NATURAL 100/PK	EL82 4004 40
	2		PK	TIES (J) CABLE 12" BLACK 100/PK	EL82 4005 40
			PK	TIES (J) CABLE 15" NATURAL 100/PK	EL82 4006 40
			PK	TIES (J) CABLE 4" NATURAL 100/PK	EL82 4007 40
			PK	TIES (J) CABLE 5.5" NATURAL 100/PK	EL82 4008 40
	2		PK	TIES (J) CABLE 7.5" BLACK 100/PK	EL82 4009 40
			PK	TIES (J) CABLE 7.5" NATURAL 100/PK	EL82 4010 40
			EA	TUBE (J) TERMINAL 1/2" MALE	EL26 4015 40
			EA	TUBE (J) TERMINAL 3/4" MALE	EL26 4016 40
	2		PK	MARKER (J) WIRE POCKET PACK 0-9	EL82 4003 40

SHIPS 180-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
			BX	NUT (J) WIRE IDEAL 71B (100/PK)	EL26 4017 40
			BX	NUT (J) WIRE IDEAL 72B (100/PK)	EL26 4018 40
			BX	NUT (J) WIRE IDEAL 73B (100/PK)	EL26 4019 40
			BX	NUT (J) WIRE IDEAL 74B (100/PK)	EL26 4020 40
			BX	NUT (J) WIRE IDEAL 76B (100/PK)	EL26 4021 40

BATTERIES

			EA	BATTERY (J) 6V ALKALINE SCREW TERM DTD	BA10 4006 40
			EA	BATTERY (J) 6V ALKALINE SPRING TERMINAL	BA10 4007 40
			EA	BATTERY (J) 9V ALKALINE	BA10 4002 40
96	48		EA	BATTERY (J) AA ALKALINE	BA10 4003 40
96			EA	BATTERY (J) AAA ALKALINE	BA10 4004 40
148	148		EA	BATTERY (J) C CELL	BA30 4003 40
148	72		EA	BATTERY (J) D ALKALINE	BA10 4001 40
24	12		EA	BULB (J) FLASHLIGHT PR3	LF15 4047 40
5			EA	FLASHLIGHT (J) MINI RAY-O-VAC	LF20 4011 40
			EA	FLASHLIGHT (J) NON HAZADOUS BS1925 3 CELL USCG	LF20 4004 40
15	6		EA	FLASHLIGHT (J) 2 D CELL ORANGE # 2117	LF20 4006 40
5			EA	FLASHLIGHT (J) 3 D CELL WATERPROOF	LF20 4009 40
1			EA	TESTER (J) HYDROMETER BATTERY W/SYRINGE	BA25 4000 40
5			EA	LANTERN (J) SAFETY 6V EVEREADY 459	LF45 4002 40

HARDWARE GENERAL

8	2		BG	CONCRETE (J) READY MIX 40#	CC30 4003 40
			LB	LOCKWIRE (J) STAINLESS STEEL 16 GAUGE	HG10 4021 40
			LB	LOCKWIRE (J) STAINLESS STEEL 20 GAUGE	HG10 4022 40
			EA	MEASURE (J) FLEX-SPOUT 1 PT	HG99 4001 40
			EA	MEASURE (J) FLEX-SPOUT 1 QT	HG99 4002 40
10			EA	PLYWOOD (J) 3/8" X 4' X 8' CDX	LB40 4000 40
	12		EA	CYLINDER (J) PROPANE DISPOSABLE	FL40 4000 40
	1		EA	KIT (J) PROPANE TORCH	WS99 4000 40

SHIPS 180-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
8			EA	GUARD (J) RAT 36"	CC99 4001 40
1			EA	NEEDLE (J) SAIL	RE30 4000 40
1			EA	TWINE (J) SAIL WAXED LB	HM50 4003 40
			EA	TWINE (J) SAIL WAXED LB	RE30 4002 40
			EA	WIRE (J) SEIZING (5 LB.)	HG10 4023 40
2	2		EA	SPRAYER (J) 3 GAL MANUAL PUMP #4Z398 GRAINGER	HG99 4003 40
			EA	STAMP SET (J) METAL PUNCH 1/4 NUMBERS & LETTERS	TL20 4006 40
	1		EA	STAMP SET (J) METAL PUNCH 3/16 NUMBERS & LETTERS	TL20 4007 40
2	1		EA	STENCIL (J) LETTERS & NUMBERS 2"	HG65 4001 40
			EA	TRAP (J) RAT	CC99 4002 40

ABRASIVES

1	2		RL	CLOTH (J) ABRASIVE 2"X50 YD CROCUS	AB10 4007 40
1	2		RL	CLOTH (J) ABRASIVE BELT 2" X 50 YD 100 G	AB10 4000 40
1	2		RL	CLOTH (J) ABRASIVE BELT 2" X 50 YD 120 G	AB10 4001 40
1	2		RL	CLOTH (J) ABRASIVE BELT 2" X 50 YD 180 G	AB10 4002 40
1	2		RL	CLOTH (J) ABRASIVE BELT 2" X 50 YD 240 G	AB10 4003 40
1			RL	CLOTH (J) ABRASIVE BELT 2" X 50 YD 400 G	AB10 4008 40
1			RL	CLOTH (J) ABRASIVE BELT 2" X 50 YD 80 G	AB10 4006 40
	3		EA	BLADE (J) CHOP SAW 14" X 3/32 X 1" ARBOR	TL25 4032 40
6	6		EA	BRUSH (J) CUP 4" KNOTTED 5/8-11 ARBOR GRAINGER 5X891	AB35 0035 40
			EA	BRUSH (J) MOUNTED 1-1/8 KNOTTED 1/4 SHNK	AB35 0036 40
6	6		EA	BRUSH (J) WHEEL 6" KNOTTED 5/8-11 ARBOR	AB35 0037 40
			EA	CLOTH (J) CROCUS 9" X 11"	AB25 4001 40
			EA	DISC (J) SAND 4-1/2X 1/4X 7/8 A24N METAL	AB20 4002 40
			EA	DISC (J) SANDING 4 X 1/4 X 3/8 24 GRIT	AB20 4009 40
			EA	DISC (J) SANDING 4 X 1/4 X 5/8 24 GRIT	AB20 4010 40
			EA	DISC (J) SANDING 4 X 1/4 X 1/4 24 GRIT	AB20 4011 40
			EA	DISC (J) SANDING 7 X 1/4 X 7/8 A 24N MET	AB20 4012 40
			EA	DISC (J) SAND 7 X 7/8 FIBRE BACK 16 GRIT	AB20 4000 40
			EA	DISC (J) SAND 7 X 7/8 FIBRE BACK 36 GRIT	AB20 4001 40

SHIPS 180-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
			CN	CLOVER (J) GRINDING COMPOUND 1# GRADE A THRU J	AB20 4008 40
			BG	SANDBLASTER (J) BEAD BLAST #50 GLASS SHT BEAD 31611 MS-	AB15 4003 40
1			EA	SANDPAPER (J) 9"X11" COURSE (80 GRIT)	AB30 4006 40
1			EA	SANDPAPER (J) 9"X11" FINE (100 GRIT)	AB30 4007 40
1			EA	SANDPAPER (J) 9"X11" MEDIUM (T)	AB30 4008 40

ADHESIVES AND METAL COMPOUNDS

			EA	ADHESIVE (J) CLEAR DOW 739	CC15 4006 40
			EA	ADHESIVE (J) PLOIBOND	CC15 4001 40
1	4		EA	BELZONA (J) MOLECULAR SUPER METAL 1 KG	CC30 4004 40
1			EA	CEMENT (J) CONTACT CON BOND 1 QT #985	CC15 4002 40
1	4		EA	CORDOBOND (J) STRONG BACK STD 1LB RESIN (WITH CLOTH)	CC30 4000 40
			EA	STEEL (J) PLASTIC DEVCON "B"	CC30 4001 40
			EA	STEEL (J) PLASTIC DEVCON "A"	CC30 4002 40
1	3		EA	PUTTY (J) DEVCON UW 1 LB	CC30 4005 40
4	3		EA	PASTE (J) FILLER RED HAND "A" 1 QT CAN	CC70 4001 40
4	3		EA	PASTE (J) RED HAND FILLER "B" 1 QT CAN	CC70 4002 40
3			EA	PASTE (J) WATER FINDING 3 OZ TUBE	CC85 4000 40
			EA	SEALANT (J) DOW 737 BLACK	CC15 4007 40
3	1		EA	SEALANT (J) SILICONE ELEC GRADE GERTV12210.3 OZ TUBE	CC50 4002 40
2			EA	ADHESIVE (J) SUPER GLUE 1 OZ #80092 PERMATEX	CC15 4003 40

CLAMPS AND FASTENERS

6	6		EA	CLAMP (J) HOSE WORM DRIVE SS SIZE 08 7/16 TO 1"	HG20 4000 40
6	6		EA	CLAMP (J) HOSE WORM DRIVE SS SIZE 16 3/4 TO 1 1/2"	HG20 4001 40
6	6		EA	CLAMP (J) HOSE WORM DRIVE SS SIZE 28 1 3/8 TO 2 1/4"	HG20 4002 40
3			EA	CLAMP (J) HOSE WORM DRIVE SS SIZE 40 2 1/8 TO 3"	HG20 4003 40
3			EA	CLAMP (J) HOSE WORM DRIVE SS SIZE 52 2 7/8 TO 3 3/4"	HG20 4004 40
3			EA	CLAMP (J) HOSE WORM DRIVE SS SIZE 64 3 1/2 TO 4 1/2"	HG20 4005 40
6	4		EA	HOOK (J) SNAP EYE BTASS HALYARD	FA15 4000 40
3			LB	NAIL (J) COMMON 10D	FA20 4000 40

SHIPS 180-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
3			LB	NAIL (J) COMMON 16D	FA20 4001 40
3			LB	NAIL (J) COMMON 20 D	FA20 4003 40
4			EA	PADLOCK (J) COMBINATION RESETTABLE MASTER	HG45 4005 40
4			EA	PADLOCK (J) BRASS W/STL SHACKLE 1 1/2" <TC>	HG45 4002 40
4			EA	PADLOCK (J) BRASS W/STL SHACKLE 1 3/4" <TC>	HG45 4003 40

MISCELLANEOUS TOOLS

	12		EA	BLADE (J) HACKSAW H.S. STEEL 12"-14T	TL25 4009 40
	12		EA	BLADE (J) HACKSAW H.S. STEEL 12" 18T	TL25 4010 40
	12		EA	BLADE (J) HACKSAW H.S. STEEL 12" 24T	TL25 4030 40
			EA	BLADE (J) BAND SAW SANDVIK 5' 4-1/2" X 1/2" X .025" 18 TEETH	TL25 4033 40
			EA	BLADE (J) BAND SAW SANDVIK 5' 4-1/2" X 1/2" X .025" 24 TEETH	TL25 4034 40
3	2		EA	GUN (J) CAULKING CARTRIDGE TYPE	TL25 4011 40
			EA	HOSE (J) AIR 1" X 50' 250 LB.	PH13 4000 40
3	1		EA	HOSE (J) AIR 1/2" X 50' 250 LB.	PH13 4001 40
			EA	HOSE (J) AIR 3/4" X 50' 250 LB.	PH13 4002 40
3			EA	DRIVER (J) NEEDLE #834045 FOR CLECO SCALER BC1	TL25 4026 40
3			EA	HOLDER (J) NEEDLE #834046-5 FOR CLECO SCALER BC1	TL25 4027 40
120			EA	NEEDLE (J) FOR CLECO SCALER BC1 7"	TL25 4025 40
			EA	BAR (J) PRY 60"	TL20 4005 40
3			EA	SCALER (J) PNEUMATIC CLECO BC-1	TL10 4000 40
6			EA	BUSHING (J) SCREEN #841553-1 FOR CLECO SCALER BC1	TL25 4028 40
6			EA	SPRING (J) THROTTLE VALVE #832078-0 FOR CLECO SCALER	TL25 4029 40

MEASURING DEVICES

			EA	BOB (J) FOR CONSTRICTED PIPE STARRETT 515B	TL25 4035 40
	1		EA	BOB (J) OUTAGE FOR SOUNDING TAPE	TL25 4014 40
			EA	BOB (J) OUTAGE FOR SOUNDING TANK STARRETT 515F	TL25 4037 40
1			EA	TAPE (J) SOUNDING 30M STARRET C507MCB30 METRIC/ENGLISH	TL25 4016 40
1			EA	TAPE (J) SOUNDING REFILL 30 MTR	TL25 4017 40
			EA	BOB (J) TANK GAUGING BRASS OUTAGE 16 OZ	TL25 4019 40

SHIPS 180-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
	1		EA	TAPE (J) TANK GAUGING 15 METER REEL STARRETT C507MC	TL25 4038 40
	1		EA	TAPE (J) TANK GAUGING REFILL 15 METER STARRETT	TL25 4039 40
			EA	TAPE (J) RULE AUTOLOK 10FT 3M	TL25 4020 40
	3		EA	TAPE (J) RULE AUTOLOK 16FT 5M	TL25 4021 40
1			EA	TAPE (J) GAUGING 1/2" X 30M/100FT	TL25 4022 40

WELDING SUPPLIES

			FT	CABLE (J) FT WELDING 2/0 COPPER 50 FT	EL10 4006 40
			EA	CONNECTOR (J) CABLE WELDING NEOPRENE COVERED FEMALE	EL10 4007 40
			EA	CONNECTOR (J) CABLE WELDING NEOPRENE COVERED MALE	EL10 4008 40
			EA	LIGHTER (J) GAS TORCH FLINT	WS62 4000 40
1			EA	FLINT (J) GASS TORCH LIGHTER	WS62 4001 40
1	1		EA	CLEANER (J) GASS TORCH TIP	WS66 4000 40
2	2		PAIR	GLOVE (J) WELDING LEATHER LONG SIZE LARGE	WS42 4000 40
1	2		EA	HAMMER (J) CHIPPING SPRING HANDLE	WS14 4000 40
			EA	END (J) HOSE 1/4"X3/8" OXY & ACET	FT18 4003 40
1	4		EA	LENS (J) REPL F/WELDING HOOD 2" X 4 1/2" CLEAR PROTECTIVE	WS46 4001 40
			EA	LENS (J) REPL F/WELDING HOOD 2" X 4 1/2" SHADE 10	WS46 4002 40
1	2		EA	LENS (J) REPL F/WELDING HOOD 2" X 4 1/2" SHADE 12	WS46 4003 40
			EA	LENS (J) REPL F/GAS WELDING GOGGLES CLEAR	WS46 4004 40
			EA	LENS (J) REPL F/GAS WELDING GOGGLES SHADE 5	WS46 4005 40
			EA	LENS (J) REPLACEMENT, CLEAR 50MM #EL-GL	SE50 4003 40
			EA	LENS (J) REPLACEMENT SHADE #5 EL-FSH	SE50 4004 40
	1		EA	HELMET (J) WELDING FIBERGLASS LIFT FRONT WILLSON FC	WS30 4000 40

REFRIGERATION EQUIPMENT

			EA	LINE (J) CHARGING & TEST MANIFOLD 36" BLUE	TE40 4000 40
			EA	LINE (J) CHARGING & TEST MANIFOLD 36" RED	TE40 4001 40
			EA	LINE (J) CHARGING & TEST MANIFOLD 36" YELLOW	TE40 4002 40
	1		EA	LINE (J) CHARGING & TEST MANIFOLD W/3 36" COLOR CODED	TE40 4003 40
			EA	DETECTOR (J) HALIDE TORCH R12 LEAK	TE40 4005 40

SHIPS 180-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			

CORDAGE AND RIGGING SUPPLIES

2			RL	MANILA (J) 1"DIA 600' FOR LIFEBOATS	HW10 4000 40
2			RL	MANILA (J) 1/2" DIA 600'	HW25 4000 40
2			RL	MANILA (J) 1/4 DIA 1200'	HW25 4001 40
2	1		RL	MANILA (J) 3/8 DIA 600'	HW25 4002 40
2			RL	POLYPRO (J) 3/8" DIA 600' ORANGE	HW20 4003 40
2			RL	POLYPRO (J) 3/8" DIA 600' YELLOW	HW20 4004 40
2			RL	MANILA (J) 5/8 DIA 600'	HW25 4004 40
4	3		EA	CLOTH (J) DROP 9'X12' CANVAS	HM50 4001 40
2			EA	FID (J) WOODEN 6"	RE74 4002 40
4			EA	PASTE (J) KOLOR KUT WATER FINDING	TE40 4007 40
			EA	MATLINE(J) TARRED	HM50 4002 40
12			EA	SHACKLE (J) SCREW PIN ANCHOR 1 INCH CROSBY G-209	HM10 4000 40
4	2		EA	SLING (J) NYLON WEB 2" X 6'	RE58 4000 40
4	2		EA	SLING (J) NYLON WEB 2" X 8'	RE58 4001 40
4			EA	SLING (J) WIRE ROPE 1/4 X 5'	RE58 4003 40
4			EA	SLING (J) WIRE ROPE 5/8 X 5'	RE58 4005 40

CLOTHING

6			EA	BOOT (J) RUBBER KNEE SIZE 10 (RED BALL)	CA15 4000 40
6			EA	BOOT (J) RUBBER KNEE SIZE 11 (RED BALL)	CA15 4001 40
6			EA	BOOT (J) RUBBER KNEE SIZE 12 (RED BALL)	CA15 4002 40
6			EA	BOOT (J) RUBBER KNEE SIZE 13 (RED BALL)	CA15 4003 40
6			EA	BOOT (J) RUBBER KNEE SIZE 8 (RED BALL)	CA15 4004 40
6			EA	BOOT (J) RUBBER KNEE SIZE 9 (RED BALL)	CA15 4005 40
			BX	COVERALL (J) EXTRA-LARGE, DISPOSABLE	CA25 4001 40
			BX	COVERALL (J) DISPOSABLE SIZE LARGE	CA25 4000 40
6			EA	COVERALL (J) HOODED F/CHEMICAL PROTECTION	CA25 4002 40
48	6		PR	GLOVES (J) COTTON WORK W/BLACK PVC DOTS WASHABLE GR	CA30 4006 40
8	2		EA	GLOVES (J) CHEMICAL RESISTANT SAFETY PRODUCTS "THE B	CA30 4007 40

SHIPS 180-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
8			EA	GLOVES (J) CHEMICAL XYLENE RESISTANT SILVER SHIELD GR	CA30 4008 40
12	1		DZ	GLOVE (J) COTTON WORK W/KNITWRIST #208	CA30 4000 40
8	1		EA	GLOVE (J) H.D. NEOPRENE SIZE 10 N36	CA30 4001 40
16	1	1	DZ	GLOVE (J) LEATHER PALM #122D	CA30 4002 40
8			EA	GLOVE (J) NEOP.CHEM./ACID RESISTANT #NL34M	CA30 4003 40
8		24	EA	GLOVE (J) RUBBER PLAYTEX LG. #8326	CA30 4005 40
8			EA	GLOVE (J) WELDER ALL LEATHER GAUNTLET #200	WS42 4001 40
6	3		EA	PAD (J) KNEE	CA15 4006 40
12	4		EA	SUIT (J) RAIN COMPLETE YELLOW LARGE RIVER CITY 200-3	CA20 4000 40
12			EA	SUIT (J) RAIN COMPLETE YELLOW MEDIUM RIVER CITY 200-3	CA20 4001 40
12	2		EA	SUIT (J) RAIN COMPLETE YELLOW XLARGE RIVER CITY 200-3	CA20 4003 40

SHIPS 60-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			

SOAPS, CLEANERS AND CLEANSERS

8	8		PAIL	DEGREASER (J) SOLVENT 140-SX-90 (SELIG 218711) 5 GALS PER	JE38 4006 40
1	1	6	CS	BLEACH (J) LIQUID (SELIG 273207) 4/1 GAL PER CASE	JE10 4004 40
	4		CS	CLEANER (J) DRAIN FORMULA-0 98 (SELIG 217709) 1 DZ/ 20 OZ	JE30 0023 40
		2	CS	CLEANER (J) FLOOR LIQUID-NEUTRO-JEL (SELIG 094507) 4/1 GAL	JE30 0024 40
			PAIL	CLEANER (J) FLOOR LIQUID-NEUTRO-JEL (SELIG 094511) 5 GAL	JE30 0021 40
		4	CS	CLEANER (J) GERMICIDIAL GERMAWAY (SELIG 301002) 12/ 1 QT	JE10 0006 40
2		4	CS	CLEANER (J) GLASS GLASHINE (SELIG 209403) 12/1 QT BTLs P	JE30 4009 40
1			CS	CLEANER (J) HAND SOAP GABE'S GRIT (SELIG 254070) 9/2500 M	JE62 0003 40
1	4		CS	CLEANER (J)HAND W/GRT ORANGE RUFFY (SELIG 254970) 9/250	JE62 4007 40
1		4	CS	CLEANER (J) PINE PINETEX (SELIG 295007) 4/1 GALS PER CASE	JE30 4012 40
		6	CS	CLEANER (J) SURFACE SPRAY GOSH (SELIG 209202) 12/1 QT C	JE30 4010 40
		4	CS	CLEANER (J)ALL SURFACE,CREME CLEANSER, DISINFECTANT,S	JE30 0022 40
		2	CS	DEGREASER (J) CLEAR CHOICE 5 GALS PER PAIL	CC60 4002 40
			PAIL	DEGREASER (J) CLEANER, CLEAR-CHOICE (SELIG 213511/PAIL	CC60 4004 40
		2	CS	CLEANER (J) SOLVENT ZONE DEFENSE (SELIG 049509) 1 DZ CA	CC60 0080 40
		2	PAIL	DETERGENT (J) LAUNDRY SNO-WHITE (SELIG 288203) 45 LBS PE	JE38 4010 40
		2	CS	DETERGENT (J) LAUNDRY SNO-WHITE (SELIG 475618) 4/10LB PA	JE38 4020 40
			EA	DISPENSER SOAP (J) HAND IRON MAN (SELG 508105)	HG15 0002 40
1	1	2	CS	SOAP (J) HAND LAVA 48/CS	JE62 4002 40
		2	CS	POLISH (J) STNLS STEEL,SELCO-SHINE (SELIG 020309)1 DZ CAN	JE14 0005 40
4	4	6	EA	SPRAYER (J) SOLVENT RESISTENT QT BOTTLE	JE54 4020 40
		4	CS	STRIPPER (J) WAX RE-MOV (SELIG 089807) 4/1 GALS PER CASE	JE30 4013 40
			CS	WAX (J) FLOOR LIQUID NJ-FINISH (SELIG 094207) 4/1 GALS PER	JE76 4001 40
		2	PAIL	WAX (J) FLOOR LIQUID NJ FINISH (SELIG 094213) 5 GALS PER D	JE76 4002 40

CLEANING AND MAINTENANCE BRUSHES AND MOPS

6	2		EA	BROOM (J) GARAGE 36" W/O THRD.HDL. #1107-36	JE18 4004 40
			EA	BROOM (J) STREET 16" W/O HANDLE PALMYRA	JE18 4005 40
6			EA	BROOM (J) WHISK 9" #70031	JE18 4006 40
6	2		EA	BROOM (J) CORN HEAVY DUTY	JE18 4001 40

SHIPS 60-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
		4	EA	BROOM (J) PUSH 18" W/HANDLE FINE BRISTLE	JE18 4002 40
			BX	BRUSH (J) ACID 144/BX	JE22 4000 40
		4	EA	BRUSH (J) HAND SCRUB PLASTIC 4" X 12"	JE22 4001 40
6	2		EA	BRUSH (J) TURKS HEAD 4 1/2 DIA MAGNOLIA #1429 WITH THREA	JE22 4003 40
8	2	8	EA	BRUSH (J) COUNTER DUSTER FOXTAIL #208-8	JE22 4004 40
			EA	BRUSH (J) DECK 9" HOL. PALMYRA #610	JE22 4005 40
			EA	BRUSH (J) HAND SCRUB 8" #598	JE22 4006 40
2		12	EA	BRUSH (J) SANITARY 20" WOOD HANDLE	JE22 4008 40
4			EA	BRUSH (J) STEEL WIRE 3 X 19 ROW BH	JE22 4009 40
4	4		EA	BRUSH (J) STEEL WIRE 4 X 16 ROW SHOE HDL #114	JE22 4010 40
	4		EA	BRUSH (J) WIRE SCRATCH SHOE HANDLE BRASS	JE22 4015 40
		4	EA	PADS (J) BUFFING RED 16"	AB40 4000 40
			EA	BROOM (J) FLOOR 24" TAMPICO	JE18 4007 40
1	3		EA	HANDLE (J) MOP SPRING TYPE	JE50 4000 40
6			EA	HANDLE (J) WOOD 54" TAPERED	JE18 4009 40
6	3		EA	HANDLE (J) WOOD 54" THREADED WITH METAL TIP	JE18 4010 40
			EA	MOP (J) YACHT 16 OZ. W/HANDLE	JE50 4005 40
			EA	MOP (J) YACHT 20 OZ. W/HANDLE	JE50 4006 40
			EA	MOP (J) YACHT 24 OZ. W/HANDLE	JE50 4007 40
6	8	20	EA	MOPHEAD (J) 32 OZ. COTTON	JE50 4004 40
			EA	MOPHEAD (J) 16 OZ. COTTON	JE50 4001 40
			EA	MOPHEAD (J) 20 OZ. COTTON	JE50 4002 40
			EA	MOPHEAD (J) 24 OZ. COTTON	JE50 4003 40
			EA	PADS (J) POLISHING WHITE 16"	AB25 4000 40
2	2	6	BX	PADS (J) SCOTCH BRITE 3M 10 PADS/BX.	AB40 4001 40
3	3	4	EA	BRUSH (J) SCRUB UTILITY LONG HANDLE #417OSBORN	JE22 4012 40
		4	EA	BRUSH (J) SCRUB UTILITY SHORT HANDLE OSBORN 413	JE22 4013 40
		6	EA	PADS (J) STRIPPING BLACK 16"	AB40 4002 40
			EA	BRUSH (J) WIRE SCRATCH SHOE HANDLE STAINLESS STEEL	JE22 4016 40
		4	EA	BRUSH (J) WIRE SCRATCH CURVED HANDLE STAINLESS STEEL	JE22 4017 40

SHIPS 60-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			

CLEANING AND MAINTENANCE SUPPLIES

12	10		EA	ABSORBENT (J) 50# BAG AP-SORBANT SELIG (SELIG 117605) 50	AS50 0010 40
			CS	FILTER (J) AIR 16 X 25 X 1 12/BX	FI10 4001 40
	2		CS	FILTER (J) AIR 18 X 25 X 1 12/BX	FI10 4002 40
			EA	FILTER (J) AIR DISPOSABLE 16 X 20 X 1	FI10 4000 40
	2		EA	GUN (J) CLEANING BINKS 140B	TL25 4000 40
5	2	4	EA	BUCKET (J) 10 QT RUBBERMAID 2963	JE26 4001 40
			EA	BUCKET (J) GALVANIZED 14 QT.	JE26 4002 40
2	2	4	EA	BUCKET (J) MOP 14 QT W/WRINGER	JE26 4003 40
			EA	BUCKET (J) MOP 26 QT RUBBERMAID #6113	JE26 4007 40
			EA	BUCKET (J) MOP 35 QT RUBBERMAID	JE26 4008 40
			EA	BUCKET (J) PLASTIC 14 QT #2614	JE26 4005 40
			EA	PAN (J) DUST METAL	JE46 4001 40
5	4	4	EA	PAN (J) DUST RUBBERMAID	JE46 4002 40
4			EA	HOSE (J) GARDEN HVY DUTY 3/4" 100 FT. BLACK RUBBER GOOD	PH49 4000 40
		1	EA	HOSE (J) GARDEN HVY DUTY 3/4" 50 FT. BLACK RUBBER GOOD	PH49 4001 40
	1		RL	FILTER ROLL (J) UTILITY GENERATOR TURBO GLASS/POLYESTER	FI10 4003 40
3	3		EA	WASHER (J) HOSE 3/4"	FA60 4000 40
			CS	FILTER (J) AIR INVERTER 16 X 18 X 1 12/BX	FI10 4004 40
			CS	FILTER (J) AIR INVERTER 16 X 20 X 1 12/BX	FI10 4005 40
			RL	FILTER (J) AIR M.E. TURBO MATERIAL GLASS	FI10 4006 40
			BG	ABRASIVE (J) M.E. TURBO WALNUT SHELLS SIZE 12/20 MEDIUM	AB15 4002 40
1		2	EA	MAT (J) CARPET 24" X 36" SHORT PILE DARK COLOR	JE99 4004 40
		2	EA	MAT (J) CARPET 16" X 27"	JE99 4003 40
4	1	2	EA	MAT (J) CARPET 36" X 60" SHORT PILE DARK COLOR	JE99 4005 40
	6		EA	MAT (J) COCOA CCL #2 16" X 27"	JE99 4001 40
4	2	1	EA	NOZZLE (J) HOSE PISTOL GRIP 3/4"	HG45 4000 40
5			EA	ABSORBENT (J) PADS OIL #200 T151 200/BDL 3/16" THICK	AS55 4001 40
1	1	2	RL	PAPER (J) BROWN ROLLS FOR FLOOR 36" X 250'	JE54 4003 40
6	9	1	BX	RAGS (J) MARINE COLOR 100% COTTON WIPING, 50# CT. MIX	JE58 4000 40

SHIPS 60-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
3	2		EA	SCOOP (J) PLASTIC FLAT BOTTOM 2 QT.	JE99 4002 40
3			EA	SHOVEL (J) GRAIN/HOG 14" X 17" PLASTIC GRAINGER PN 3Z224	TL25 4031 40
			EA	SHOVEL (J) HAND GALV. 18" O.A.	TL25 4001 40
			EA	SHOVEL (J) SQUARE POINT "D" HANDLE	TL25 4002 40
			EA	SPONGE (J) SCRUBBING HVY DUTY 6"X4"X2"	JE58 4002 40
2	1	1	EA	SQUEEGEE (J) DECK HD 24" GRAINGER # 3A3337	JE22 4023 40
2			EA	SQUEEGEE (J) WINDOW 12"	JE22 4019 40
			EA	SQUEEGEE (J) WINDOW 18"	JE22 4020 40
2	2	2	EA	CAN (J) TRASH HVY DTY 32 GAL RUBBERMAID #3632	CS45 4003 40
3		1	EA	CAN (J) TRASH HVY DTY 55 GAL RUBBERMAID #2655 GRAY	CS45 4004 40
3		1	EA	CAN (J) TRASH HVY DTY 55 GAL RUBBERMAID #2655 YELLOW	CS45 4005 40
		5	EA	CAN (J) TRASH ROOM SIZE 28 QT RUBBERMAID	CS45 4006 40

PAPER AND PLASTIC SUPPLIES

			C	BAG (J) PLASTIC ZIP-LOCK 3" X 5" 4MIL WITH WHITE WRITE-ON	RS18 4004 40
			C	BAG (J) PLASTIC ZIP-LOCK 4" X 6" 4 MIL WITH WHITE WRITE-ON	RS18 4005 40
			C	BAG (J) PLASTIC ZIP-LOCK 6" X 9" 4 MIL WITH WHITE WRITE-ON	RS18 4008 40
			C	BAG (J) PLASTIC ZIP-LOCK 8" X 12" 4 MIL WITH WHITE WRITE-ON	RS18 4009 40
2	1	2	CS	BAG (J) GARBAGE 60 GAL BK60 22 X 16 X 58 1.2 MIL	RS18 4010 40
		1	CS	BAG (J) PLASTIC LINER 5 GAL 500/CS	RS18 4000 40
			CS	BAG (J) PLASTIC 30 GAL 250/CS (1.5 MIL) MEDIUM WEIGHT	RS18 4001 40
			CS	BAG (J) PLASTIC 55 GAL HEAVY WEIGHT	RS18 4002 40
4	4	12	CS	BAG (J) PAPER REFUSE 30 GAL 50/PK PAPER	RS18 4003 40
			CS	WIPERS (J) PAPER SCOTT 5700	JE54 4000 40
	1		RL	SHEETING (J) PLASTIC 4 MIL 36" X 100'	HG75 4001 40
			PK	TAGS (J) MANILA W/WIRE TIES 2.5" X 4.5" 250/PK	OS66 4001 40
		4	CS	TISSUE (J) TOILET 96'S	JE70 4000 40
		2	CS	TOWELS (J) PAPER ROLL INDUST STRENGTH YELLOW BIRCH P	JE54 4004 40
	2	10	CS	TOWELS (J) PAPER ROLLS 30/CS	JE54 4001 40
	1	3	CS	TOWELS (J) PAPER SINGLEFOLD 15/PKG 250/CS	JE54 4002 40

SHIPS 60-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
<i>PAINT BRUSHES AND ROLLERS</i>					
1			EA	BRUSH (J) ROUND MARKING 1/2" DIA. CORONA	PS10 4000 40
1			EA	BRUSH (J) ROUND STENCIL 1" DIA. CORONA	PS10 4001 40
			EA	BRUSH (J) ACID 3/8"	PS10 4003 40
15			EA	BRUSH (J) BENT WOOD HANDLE 1" CORONA	PS10 4004 40
			EA	BRUSH (J) BENT WOOD HANDLE 1-1/2" CORONA	PS10 4005 40
15	8		EA	BRUSH (J) BENT WOOD HANDLE 2" CORONA	PS10 4006 40
			EA	BRUSH (J) BENT WOOD HANDLE 2-1/2" CORONA	PS10 4007 40
10			EA	BRUSH (J) BENT WOOD HANDLE 3" CORONA	PS10 4008 40
	8		EA	BRUSH (J) FLAT PAINT 1" CORONA	PS10 4009 40
			EA	BRUSH (J) FLAT PAINT 1 1/2" CORONA	PS10 4010 40
5	6		EA	BRUSH (J) FLAT PAINT 2" CORONA	PS10 4011 40
			EA	BRUSH (J) FLAT PAINT 3" CORONA	PS10 4013 40
			EA	BRUSH (J) FLAT PAINT 4" CORONA	PS10 4014 40
			EA	BRUSH (J) FLAT VARNISH 2" CORONA	PS10 4017 40
			EA	BRUSH (J) FLAT VARNISH 3" CORONA	PS10 4019 40
			EA	BRUSH (J) FLAT VARNISH 4"	PS15 4022 40
			EA	BRUSH (J) STENCIL 3/4" CORONA	PS10 4021 40
			EA	MITT (J) PAINTER	PS99 4000 40
10			EA	COVER (J) ROLLER ARSCO 18" SEALED CORE	PS20 4006 40
10	8		EA	COVER (J) ROLLER ARSCO 4" MAC 40 SEALED CORE	PS20 4000 40
10			EA	COVER (J) ROLLER ARSCO 7" MAC 70 SEALED CORE	PS20 4001 40
10	8		EA	COVER (J) ROLLER ARSCO 9" MAC 90 SEALED CORE	PS20 4002 40
3			EA	FRAME (J) ROLLER 18" SEALED CORE	PS20 4007 40
3	2		EA	FRAME (J) ROLLER 4" MAF 40 SEALED CORE	PS20 4003 40
3			EA	FRAME (J) ROLLER 7" MAF 70 SEALED CORE	PS20 4004 40
3			EA	FRAME (J) ROLLER 9" MAF 90 SEALED CORE	PS20 4005 40
4			EA	POLE (J) ROLLER PAINT EXTENSION 6' WOOD	PS15 4000 40
4			EA	POLE (J) ROLLER PAINT EXTENSION 4' WOOD	PS15 4001 40

MISCELLANEOUS PAINT SUPPLIES

SHIPS 60-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
4	4		EA	SCRAPER (J) ALL METAL	PS99 4001 40
2			EA	POLE (J) EXTENSION ALUMINUM 6'-12' #3212	PS15 4002 40
2	1		EA	POLE (J) EXTENSION ALUMINUM 6'-18'	PS15 4003 40
2	2		EA	HAMMER (J) CHIPPING WOOD HANDLE	TL20 4002 40
1		1	EA	KNIFE (J) UTILITY 10-099	TL20 0204 40
1	1	1	PK	BLADE (J) UTILITY KNIFE SPARE 5/PK	TL20 4001 40
2	4		EA	TRAY (J) PAINT PLASTIC 1 GAL CAP	PS30 4001 40
			EA	SCRAPER (J) 5 IN 1 PAINT TOOL CAMBAR CAT. 123 PG. 243	TL20 4003 40
2			EA	SPRAYER (J) HUDSON 63490 GALV. 4 GAL.	PS99 4002 40
5			EA	MESH (J) STEEL FOR PAINT POT	PS99 4003 40

METAL CLEANERS AND PAINT PRODUCTS

			CS	CLEANER(J) PAINT REMOV HANDY-MAN 1/DZ CS SELIG # 038909	CC20 0020 40
			CS	COATING (J) RUST PREVENT LINEBACKER (SELIG 238407) 4 / 1 G	CC20 4008 40
			EA	NONSKID (J) COMPOUND 1 UNIT/5 GAL.	PS99 4004 40
3	1		EA	PAINT (J) SPRAY BLACK	PT45 4001 40
3			EA	PAINT (J) SPRAY BLUE	PT45 4002 40
3			EA	PAINT (J) SPRAY CLEAR	PT45 4007 40
3			EA	PAINT (J) SPRAY FLUORECENT GREEN	PT45 4008 40
3	1		EA	PAINT (J) SPRAY FLUORECENT RED	PT45 4009 40
3			EA	PAINT (J) SPRAY FLUORECENT YELLOW	PT45 4010 40
3			EA	PAINT (J) SPRAY GRAY	PT45 4003 40
3			EA	PAINT (J) SPRAY INTERNATIONAL ORANGE	PT45 4006 40
3			EA	PAINT (J) SPRAY SAFETY RED	PT45 4005 40
3			EA	PAINT (J) SPRAY SAFETY YELLOW	PT45 4004 40
3			EA	PAINT (J) SPRAY WHITE	PT45 4000 40
1			EA	VARNISH (J) SPAR CLEAR EXTERIOR USE W/UV PROTECTION SA	PT75 4000 40

LADDERS

1			EA	LADDER (J) FIBERGLASS SINGLE 14'	HG40 4000 40
1	1		EA	LADDER (J) FIBERGLASS EXTENSION 28'	HG40 4001 40

SHIPS 60-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
1	1	1	EA	LADDER (J) STEP 3' FIBERGLASS CLASS 1A 300 LB CAPACITY	HG40 4014 40
			EA	LADDER (J) STEP 3' WOOD CLASS 1A 300 LB CAPACITY	HG40 4008 40
			EA	LADDER (J) STEP 5' FIBERGLASS CLASS 1A 300 LB CAPACITY	HG40 4015 40
			EA	LADDER (J) STEP 5' WOOD CLASS 1A 300 LB CAPACITY	HG40 4009 40
1	1		EA	LADDER (J) STEP 6' FIBERGLASS CLASS 1A 300 LB CAPACITY	HG40 4016 40
			EA	LADDER (J) STEP 6' WOOD CLASS 1A 300 LB CAPACITY	HG40 4010 40
2	1		EA	LADDER (J) STEP 8' FIBERGLASS CLASS 1A 300 LB CAPACITY	HG40 4017 40
			EA	LADDER (J) STEP 8' WOOD CLASS 1A 300 LB CAPACITY	HG40 4011 40
			EA	LADDER (J) WOOD STRAIGHT 12 FT CLASS 1A 300 LB CAPACITY	HG40 4003 40

LIFE SAVING EQUIPMENT

			EA	BUCKET (J) 8 QT. W/LANYARD	CS20 4000 40
			EA	BULB (J) FLASHLIGHT PR-2 2.38V .50AMP	LF15 4024 40
			EA	RING (J) BUOY ORANGE 30" USCG APPD	SE40 4000 40
			EA	OIL (J) ILUMINATING WATERTIGHT CONTAINER	LU99 4000 40
2			EA	FLASHLIGHT (J) 3 D CELL USCG APPROVED	LF20 4001 40
2			EA	FLASHLIGHT (J) 2 D CELL BRIGHTSTAR 1618	LF20 4000 40
			EA	HATCHET (J) W/LANYARD	TL25 4003 40
	2		EA	JACKKNIFE (J) W/LANYARD	TL25 4004 40
			EA	LIFEJACKET (J) ADULT W/REFLECTIVE TAPE SEWN ON	SE40 4002 40
			EA	LIGHT (J) PFD CYALUME 6075	LF60 4004 40
	1		EA	LIGHT (J) PFD F/LIFE PRES. #L8-2A USCG APPROVED	LF60 4001 40
			EA	MATCHES (J) WATERPROOF CONTAINER	RS46 4000 40
1			EA	PROVISIONS (J) LIFEBOAT 32 OZ.	FD99 4000 40
			RL	TAPE (J) REFLECTIVE F/LIFEJACKET REPAIR	SE40 4017 40
			CS	WATER (J) FOR LIFEBOAT 10 2/3 OZ 24/CS	FD99 4001 40
			EA	WHISTLE (J) W/LANYARD	SE40 4006 40

PYROTECHNICS

			EA	FLARE (J) HAND HELD ROCKET	SE40 4010 40
			EA	FLARE (J) RED HAND HELD USCG APPROVED WW611	SE40 4012 40

SHIPS 60-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			

FIRE FIGHTING EQUIPMENT

			EA	AXE (J) PICK HEAD FIRE 36"	TL25 4006 40
25			FT	CHAIN (J) BRASS JACK	HM35 4001 40
6			EA	GASKET (J) FIREHOSE 1 1/2" HOSE	PG60 4000 40
6			EA	GASKET (J) FIREHOSE 2 1/2" HOSE	PG60 4001 40
			EA	HOSE (J) FIRE 1 1/2" X 50' NST UL BRASS PIN LUG	PH19 4000 40
1			EA	HOSE (J) FIRE 1-1/2" X 75' NST UL BRASS/PIN LUG	PH19 4002 40
			EA	HOSE (J) FIRE 2-1/2" X 50' NST UL BRASS/PIN LUG	PH19 4003 40
1			EA	HOSE (J) FIRE 2 1/2" X 75' NST UL BRASS PIN LUG	PH19 4001 40
1	1		EA	NOZZLE (J) WASHDOWN 1-1/2" MCMASTER 6469T36	SE20 4004 40

SAFETY EQUIPMENT

			EA	CHIN STRAP (J) FOR HARD HAT	SE25 4002 40
			BX	MASK (J) DUST MIST, PARTICLE NON-TOXIC 20/BX 3M 8710	SE45 4003 40
1	3		BX	EAR PLUG (J) WITH CORDS 100/BX MAXLITE NRR30	SE10 4001 40
1	1		GAL	EYE WASH (J) SOLUTION REFILL	SE10 4003 40
5	2		EA	FACE SHIELD (J) HEAD BAND BRACKET HK	SE15 4001 40
7	12		EA	FACE SHIELD (J) CLEAR 3440V	SE15 4000 40
5			EA	HARNESS (J) FULL-BODY, SINGLE D-RING ROSE 502720	SE25 4001 40
	2	4	BX	GATORADE (J) 8.5 OZ POWDER MIX PKS 20/BX	FD30 0001 40
	1		EA	GOGGLES (J) BURNING #5 LENS OKI BEARING WS80	SE50 4002 40
5	6		EA	GOGGLES (J) CHIP-GRIND-CHEM SPLASH PROTECTION UVEX	SE50 4001 40
4	6		EA	HAT (J) HARD WHITE MAVERICK MAVHAT	SE30 4000 40
			EA	CAP (J) HEARING PROTECTION CANAL H LEIGHT QB2	SE30 4001 40
6	1		EA	PROTECTOR (J) HEARING EAR MUFF WILSON NRR28	SE10 4002 40
1			BX	CARTRIDGE (J) ORGANIC VAPOR 3M 6001	SE45 4002 40
			EA	PREFILTER (J) 3M 5010	SE45 4004 40
3	6		EA	RESPIRATOR (J) DISP FOR WELD FUMES AND NUISANCE VAPO	SE45 4022 40
			EA	RINGS (J) RETAINER 3M 501	SE45 4023 40
12	6		EA	GLASSES (J) SAFETY CLEAR UVEX 3000 #135	SE50 4005 40

SHIPS 60-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
3			EA	VEST (J) REFLECTIVE NYLON MESH SERVICE & MATERIAL FVIYF	SE25 4004 40

GASKETS AND TAPE

	1		EA	FORM-A-GASKET (J) 1 PT AVIATION 3D	PG99 4000 40
			EA	ELIMINATOR (J) GASKET (PERMATEX)	PG99 4012 40
			EA	GASKET MAKER (J) SILICONE RTV (SELIG 032505) 1 DZ 10 OZ CA	CC15 4005 40
			FT	RUBBER (J) SHT,GASKET MATERIAL 36"W 1/16	PG60 4002 40
	6		FT	FIBER (J) SHT.GASKET MATERIAL 36"W 1/16"	PG40 4000 40
	6		FT	RUBBER (J) SHT,GASKET MATERIAL 36"W 1/8	PG60 4003 40
	6		FT	FIBER (J) SHEET,GASKET MATERIAL 36"W,1/8	PG40 4001 40
			EA	MATERIAL (J) GASKET HIGH TEMP/STEAM 1/16 50" X 50" SHEET	PG45 4000 40
			EA	MATERIAL (J) GASKET HIGH TEMP/STEAM 1/8 50" X 50" SHEET	PG45 4001 40
			EA	NUT (J) LOCK ADHESIVE 1.69 OZ.	PG99 4003 40
	1		EA	LOCTITE (J) 609	PG99 4013 40
			EA	LOCTITE (J) PRIMER	PG99 4014 40
	1		EA	LOCTITE (J) F/MAKING O-RING,80851 PERMATEX	PG99 4005 40
	4		EA	FORM-A-GASKET (J) SILICONE BLUE 12 OZ	PG99 4006 40
4	12		EA	SILICONE (J) CLEAR	PG99 4007 40
			EA	SILICONE (J) RED FORM-A-GASKET 12 OZ	PG99 4008 40
4	1	4	EA	TAPE (J) MASKING 3" X 60 YD	HG10 4000 40
			EA	TAPE (J) PACKING 2" FILAMENT	HG10 4001 40
1	4		EA	TAPE (J) TEFLON 1/2" X 520"	HG10 4002 40
	4		EA	TAPE (J) TEFLON 3/4" X 520"	PG65 4000 40
6	4		EA	TAPE (J) DUCT 2" X 60 YD.	HG10 4003 40
2	2		EA	TAPE (J) DUCT 3" X 60 YD.	HG10 4004 40
			EA	TAPE (J) ELECT 3/4"X66' SCOTCHSUPER #88	HG10 4006 40
			EA	TAPE (J) ELECT GLASS CLOTH 3/4"X66' #27	HG10 4007 40
1	6		EA	TAPE (J) ELECTRICAL 3/4" X 66' SCOTCH 33	HG10 4005 40
4			EA	TAPE (J) MASKING 1" X 60 YD.	HG10 4009 40
4	4		EA	TAPE (J) MASKING 2" X 60 YD.	HG10 4010 40
	3		EA	SEALANT (J) THREAD 1 PT W/BRUSH #14D	PG99 4009 40

SHIPS 60-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			

LUBRICANTS AND LUBRICATION EQUIPMENT

2	2		EA	GUN (J) GREASE ALEMITE 4041 B	FT42 4001 40
1	2		CS	ANTISEIZE (J) LUBRICANT NO GRAB (SELIG 220005) 12/ 8 OZ CA	CC25 4001 40
	3		EA	WAX (J) BEES COMM'L GRADE 1 LB.	RE99 4000 40
1	1		CS	COATING (J) GALVANITIZING ZINC RICH 16OZ	CC90 4000 40
			EA	FITTING (J) GREASE HYD STRAIGHT 1/4 NPT 1627	FT42 4005 40
			EA	FITTING (J) GREASE HYD STRAIGHT 1/8 NPT 1610	FT42 4006 40
			EA	FITTING (J) GREASE HYD 90 EL 1/4 NPT 1629-B	FT42 4007 40
			PAIL	GREASE (J) EP-2 35# PAIL	LU15 4000 40
			EA	FITTING (J) GREASE BUTTONHEAD 1/4" A1186	FT42 4009 40
			EA	FITTING (J) GREASE BUTTONHEAD 1/8" A1184	FT42 4010 40
			EA	FITTING (J) GREASE 45* 1/8" #A-684 PIN TYPE	FT42 4011 40
			EA	GREASE (J) SILICONE DOW 111 16 OZ TUBE	LU15 4010 40
1			EA	GREASE (J) WHITE 35# PAILS LITHIUM BASE	LU15 4004 40
	1		CS	LUBRICANT (J) CUTTING OIL 19-SX-93 (SELIG 241011) 5 GALS PE	LU20 0008 40
			CS	LUBRICANT (J) ENVIRO MASTER MECH AERO (SELIG 035109) 1	LU20 4012 40
			CS	LUBRICANT (J) O-RING LOCTITE OR DOW CORNING 5-OZ TUBE	PG99 4010 40
	4		CS	LUBRICANT (J) MOLYKOTE SPRAY	LU10 4001 40
6	12		CS	LUBRICANT (J) PB BLASTER 16 OZ AEROSOL	LU20 4000 40
			EA	LUBRIPLATE (J) CARTRIDGE	LU15 4007 40
	2		EA	MOLYCOTE (J) G/N PASTE 17.5 OZ. UNIT	LU20 4003 40
			DR	OIL (J) FISH 55 GAL. DRUM	LU20 4009 40
2	2		GAL	OIL (J) MYSTERY #014 1 GAL.	LU20 4010 40
			EA	OILER (J) 1/2 PT.	CS30 4000 40
2	2		EA	PUMP (J) OILER 1 PT.	PC50 4000 40
			EA	DIE MARK (J) PRUSSIAN BLUE 3/4 TUBE #35V	CC40 4000 40
2			PAIL	LUBRICANT (J) WIRE 35# PAIL	LU15 4001 40

ELECTRICAL SUPPLIES AND LAMPS

			CS	BULB (J) NAVIGATION FILAMENT 50/50 120V	LF15 4026 40
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SHIPS 60-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
			CS	BULB (J) ROUGH SERVICE 60W SYLVANIA	LF15 4028 40
			BX	CONNECTOR (J) BUTT 12-10 100/BX	EL74 4000 40
			BX	CONNECTOR (J) BUTT 16-14 100/BX	EL74 4001 40
			BX	CONNECTOR (J) BUTT 22-18 100/BX	EL74 4002 40
			CS	CHEMICAL (J) CRC ZINC IT	CC70 4000 40
	3		CS	CLEANER (J) CONTACT SPRAY LECTRON 2020 (SELIG 032909) 1	CC75 4004 40
	50		FT	CORD (J) PORTABLE 14/3 SO	EL10 4001 40
			EA	DUXSEAL (J) 1 LB.	EL18 4008 40
			EA	CORD (J) EXTENSION HD3 PRG50 NON STICK	EL34 4000 40
			EA	CORD (J) EXTENSION H.D. 3 PRONG 50' NON-STICK 220V 2-PR	EL34 4002 40
	2		EA	CORD (J) EXTENSION H.D.2-PRONG 100' 220V EUROPEAN STYLE	EL34 4003 40
			EA	CORD (J) EXTENSION H.D. 3 PRONG 100'	EL34 4001 40
			EA	LIGHT (J) EXT. 5025-SRG MCGILL 120V 100W 25' STRAIGHT BL	LF30 4017 40
			EA	GLOBE (J) WT CLEAR 3 5/16 DIA X 5"	LF35 4001 40
			EA	GLOBE (J) WT CLEAR 3 5/16 DIA X 6"	LF35 4002 40
			EA	GUARD (J) BRASS 6" OCEANIC 517	LF40 4001 40
			EA	INSULATION (J) HEAT SHRINK 1/16 DIA 4' LENGTH	EL66 4000 40
			EA	INSULATION (J) HEAT SHRINK 1/2 DIA 4' LENGTH	EL66 4001 40
			EA	INSULATION (J) HEAT SHRINK 1/4 DIA 4' LENGTH	EL66 4002 40
			EA	INSULATION (J) HEAT SHRINK 1/8 DIA 4' LENGTH	EL66 4003 40
			EA	INSULATION (J) HEAT SHRINK 3/8 DIA 4' LENGTH	EL66 4004 40
			EA	INSULATION (J) VARNISH SPRAY RED GLYPTOL3M 1602	PT40 4000 40
			CS	LAMP (J) CIRCLINE FC8T9/CW 4 PIN 22W COOL WHITE	LF30 4000 40
	12		CS	LAMP (J) FLUORESCENT F20/T12 BI PIN 24/CASE	LF15 4030 40
	12		CS	LAMP (J) FLUORESCENT F40/CW BI PIN 30/CASE	LF15 4032 40
			CS	LAMP (J) FLUORESCENT F48/T12 (30/CS) SINGLE PIN	LF15 4033 40
			CS	LAMP (J) INCANDESCENT 100W 120V 100A 19/RS E27 MED SCR	LF15 4035 40
			CS	LAMP (J) INCANDESCENT 100W A19 220V 100 RS E27 MEDIUM SC	LF15 4048 40
			CS	LAMP (J) INCANDESCENT 300W 120V MOGAL BASE 24/CS	LF15 4049 40
			CS	LAMP (J) INCANDESCENT 40W A19 40A 220V RS 120/CS	LF30 4005 40

SHIPS 60-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
			CS	LAMP (J) INCANDESCENT 50W A19 501/RS 120V 120/CS	LF15 4006 40
			CS	LAMP (J) INCANDESCENT 50W A19 220V501/ RS 120/CS	LF30 4020 40
	3		CS	LAMP (J) INCANDESCENT 60W A19 130V 120/CS	LF15 4008 40
			CS	LAMP (J) INCANDESCENT 60W A19 220V 120/CS	LF15 4050 40
			CS	LAMP (J) INDICATOR 3080 24V 5W E14 2 1/4 X 1/2 DIA	LF30 4011 40
			CS	LAMP (J) INDICATOR #44 6.3V .25A MIN SC BAYONET (100/CS)	LF30 4007 40
			BX	LAMP (J) INDICATOR GE 1819 100/CS	LF15 4016 40
			CS	LAMP (J) MERCURY HR400DX33 400W E40 (MOGUL SCREW) G	LF30 4014 40
			CS	LAMP (J) QUARTZ HALOGEN 500T3Q/CL 120V 500W RECESSED	LF30 4016 40
			EA	EXTENSION (J) LIGHT FLUORESCENT 50 FT.	EL50 4003 40
			EA	LUG (J) CONNECTOR STA-KON 2RA18 (100/PK) INSULATED	EL26 4005 40
			BX	LUG (J) TERMINAL STAKON A18-10 NON-INSULATED (100/PK)	EL26 4008 40
			BX	LUG (J) TERMINAL STAKON RC1014 INSULATED (100/PK)	EL26 4012 40
			BX	LUG (J) TERMINAL STAKON C10-10 NON-INSULATED (100/PK)	EL26 4014 40
			EA	PLUG (J) MIPCO 32A 440V 333FC	EL50 4001 40
			EA	PLUG (J) MIPCO 32A 440V 333MP	EL50 4002 40
			EA	SEALANT (J) SILICONE ELEC GRADE GE RTV 122 10.3 OZ TB	CC50 4001 40
	48		EA	STARTER (J) FS-2 FOR 14,15 & 20W NEOSTART STARTER	EL70 4000 40
			EA	STARTER (J) FS-20 14,15,20 WATT MANUAL RESET STARTER	EL70 4001 40
	48		EA	STARTER (J) FS-4 FOR 13,30 & 40 WATT NONSTART STARTER	EL70 4002 40
			PK	TIES (J) CABLE 11" NATURAL 100/PK	EL82 4004 40
	2		PK	TIES (J) CABLE 12" BLACK 100/PK	EL82 4005 40
			PK	TIES (J) CABLE 15" NATURAL 100/PK	EL82 4006 40
			PK	TIES (J) CABLE 4" NATURAL 100/PK	EL82 4007 40
			PK	TIES (J) CABLE 5.5" NATURAL 100/PK	EL82 4008 40
	2		PK	TIES (J) CABLE 7.5" BLACK 100/PK	EL82 4009 40
			PK	TIES (J) CABLE 7.5" NATURAL 100/PK	EL82 4010 40
			EA	TUBE (J) TERMINAL 1/2" MALE	EL26 4015 40
			EA	TUBE (J) TERMINAL 3/4" MALE	EL26 4016 40
	2		PK	MARKER (J) WIRE POCKET PACK 0-9	EL82 4003 40

SHIPS 60-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
			BX	NUT (J) WIRE IDEAL 71B (100/PK)	EL26 4017 40
			BX	NUT (J) WIRE IDEAL 72B (100/PK)	EL26 4018 40
			BX	NUT (J) WIRE IDEAL 73B (100/PK)	EL26 4019 40
			BX	NUT (J) WIRE IDEAL 74B (100/PK)	EL26 4020 40
			BX	NUT (J) WIRE IDEAL 76B (100/PK)	EL26 4021 40

BATTERIES

			EA	BATTERY (J) 6V ALKALINE SCREW TERM DTD	BA10 4006 40
			EA	BATTERY (J) 6V ALKALINE SPRING TERMINAL	BA10 4007 40
			EA	BATTERY (J) 9V ALKALINE	BA10 4002 40
48	24		EA	BATTERY (J) AA ALKALINE	BA10 4003 40
48			EA	BATTERY (J) AAA ALKALINE	BA10 4004 40
72	72		EA	BATTERY (J) C CELL	BA30 4003 40
72	36		EA	BATTERY (J) D ALKALINE	BA10 4001 40
12	12		EA	BULB (J) FLASHLIGHT PR3	LF15 4047 40
5			EA	FLASHLIGHT (J) MINI RAY-O-VAC	LF20 4011 40
			EA	FLASHLIGHT (J) NON HAZADOUS BS1925 3 CELL USCG	LF20 4004 40
12	6		EA	FLASHLIGHT (J) 2 D CELL ORANGE # 2117	LF20 4006 40
3			EA	FLASHLIGHT (J) 3 D CELL WATERPROOF	LF20 4009 40
1			EA	TESTER (J) HYDROMETER BATTERY W/SYRINGE	BA25 4000 40
3			EA	LANTERN (J) SAFETY 6V EVEREADY 459	LF45 4002 40

HARDWARE GENERAL

2	2		BG	CONCRETE (J) READY MIX 40#	CC30 4003 40
			LB	LOCKWIRE (J) STAINLESS STEEL 16 GAUGE	HG10 4021 40
			LB	LOCKWIRE (J) STAINLESS STEEL 20 GAUGE	HG10 4022 40
			EA	MEASURE (J) FLEX-SPOUT 1 PT	HG99 4001 40
			EA	MEASURE (J) FLEX-SPOUT 1 QT	HG99 4002 40
5	2		EA	PLYWOOD (J) 3/8" X 4' X 8' CDX	LB40 4000 40
	12		EA	CYLINDER (J) PROPANE DISPOSABLE	FL40 4000 40
	1		EA	KIT (J) PROPANE TORCH	WS99 4000 40

SHIPS 60-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
8			EA	GUARD (J) RAT 36"	CC99 4001 40
			EA	NEEDLE (J) SAIL	RE30 4000 40
			EA	TWINE (J) SAIL WAXED LB	HM50 4003 40
			EA	TWINE (J) SAIL WAXED LB	RE30 4002 40
			EA	WIRE (J) SEIZING (5 LB.)	HG10 4023 40
2	2		EA	SPRAYER (J) 3 GAL MANUAL PUMP #4Z398 GRAINGER	HG99 4003 40
			EA	STAMP SET (J) METAL PUNCH 1/4 NUMBERS & LETTERS	TL20 4006 40
	1		EA	STAMP SET (J) METAL PUNCH 3/16 NUMBERS & LETTERS	TL20 4007 40
1	1		EA	STENCIL (J) LETTERS & NUMBERS 2"	HG65 4001 40
			EA	TRAP (J) RAT	CC99 4002 40

ABRASIVES

1	1		RL	CLOTH (J) ABRASIVE 2"X50 YD CROCUS	AB10 4007 40
1	1		RL	CLOTH (J) ABRASIVE BELT 2" X 50 YD 100 G	AB10 4000 40
1	1		RL	CLOTH (J) ABRASIVE BELT 2" X 50 YD 120 G	AB10 4001 40
1	1		RL	CLOTH (J) ABRASIVE BELT 2" X 50 YD 180 G	AB10 4002 40
1	1		RL	CLOTH (J) ABRASIVE BELT 2" X 50 YD 240 G	AB10 4003 40
1			RL	CLOTH (J) ABRASIVE BELT 2" X 50 YD 400 G	AB10 4008 40
1			RL	CLOTH (J) ABRASIVE BELT 2" X 50 YD 80 G	AB10 4006 40
	2		EA	BLADE (J) CHOP SAW 14" X 3/32 X 1" ARBOR	TL25 4032 40
4	4		EA	BRUSH (J) CUP 4" KNOTTED 5/8-11 ARBOR GRAINGER 5X891	AB35 0035 40
			EA	BRUSH (J) MOUNTED 1-1/8 KNOTTED 1/4 SHNK	AB35 0036 40
4	4		EA	BRUSH (J) WHEEL 6" KNOTTED 5/8-11 ARBOR	AB35 0037 40
			EA	CLOTH (J) CROCUS 9" X 11"	AB25 4001 40
			EA	DISC (J) SAND 4-1/2X 1/4X 7/8 A24N METAL	AB20 4002 40
			EA	DISC (J) SANDING 4 X 1/4 X 3/8 24 GRIT	AB20 4009 40
			EA	DISC (J) SANDING 4 X 1/4 X 5/8 24 GRIT	AB20 4010 40
			EA	DISC (J) SANDING 4 X 1/4 X 1/4 24 GRIT	AB20 4011 40
			EA	DISC (J) SANDING 7 X 1/4 X 7/8 A 24N MET	AB20 4012 40
			EA	DISC (J) SAND 7 X 7/8 FIBRE BACK 16 GRIT	AB20 4000 40
			EA	DISC (J) SAND 7 X 7/8 FIBRE BACK 36 GRIT	AB20 4001 40

SHIPS 60-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
			CN	CLOVER (J) GRINDING COMPOUND 1# GRADE A THRU J	AB20 4008 40
			BG	SANDBLASTER (J) BEAD BLAST #50 GLASS SHT BEAD 31611 MS-	AB15 4003 40
1			EA	SANDPAPER (J) 9"X11" COURSE (80 GRIT)	AB30 4006 40
1			EA	SANDPAPER (J) 9"X11" FINE (100 GRIT)	AB30 4007 40
1			EA	SANDPAPER (J) 9"X11" MEDIUM (T)	AB30 4008 40

ADHESIVES AND METAL COMPOUNDS

			EA	ADHESIVE (J) CLEAR DOW 739	CC15 4006 40
			EA	ADHESIVE (J) PLIOBOND	CC15 4001 40
1	3		EA	BELZONA (J) MOLECULAR SUPER METAL 1 KG	CC30 4004 40
1			EA	CEMENT (J) CONTACT CON BOND 1 QT #985	CC15 4002 40
	3		EA	CORDOBOND (J) STRONG BACK STD 1LB RESIN (WITH CLOTH)	CC30 4000 40
			EA	STEEL (J) PLASTIC DEVCON "B"	CC30 4001 40
			EA	STEEL (J) PLASTIC DEVCON "A"	CC30 4002 40
1	3		EA	PUTTY (J) DEVCON UW 1 LB	CC30 4005 40
2	2		EA	PASTE (J) FILLER RED HAND "A" 1 QT CAN	CC70 4001 40
2	2		EA	PASTE (J) RED HAND FILLER "B" 1 QT CAN	CC70 4002 40
1			EA	PASTE (J) WATER FINDING 3 OZ TUBE	CC85 4000 40
			EA	SEALANT (J) DOW 737 BLACK	CC15 4007 40
1	1		EA	SEALANT (J) SILICONE ELEC GRADE GERTV12210.3 OZ TUBE	CC50 4002 40
1			EA	ADHESIVE (J) SUPER GLUE 1 OZ #80092 PERMATEX	CC15 4003 40

CLAMPS AND FASTENERS

6	6		EA	CLAMP (J) HOSE WORM DRIVE SS SIZE 08 7/16 TO 1"	HG20 4000 40
6	6		EA	CLAMP (J) HOSE WORM DRIVE SS SIZE 16 3/4 TO 1 1/2"	HG20 4001 40
6	6		EA	CLAMP (J) HOSE WORM DRIVE SS SIZE 28 1 3/8 TO 2 1/4"	HG20 4002 40
2			EA	CLAMP (J) HOSE WORM DRIVE SS SIZE 40 2 1/8 TO 3"	HG20 4003 40
2			EA	CLAMP (J) HOSE WORM DRIVE SS SIZE 52 2 7/8 TO 3 3/4"	HG20 4004 40
2			EA	CLAMP (J) HOSE WORM DRIVE SS SIZE 64 3 1/2 TO 4 1/2"	HG20 4005 40
3	4		EA	HOOK (J) SNAP EYE BTASS HALYARD	FA15 4000 40
2			LB	NAIL (J) COMMON 10D	FA20 4000 40

SHIPS 60-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
2			LB	NAIL (J) COMMON 16D	FA20 4001 40
2			LB	NAIL (J) COMMON 20 D	FA20 4003 40
3			EA	PADLOCK (J) COMBINATION RESETTABLE MASTER	HG45 4005 40
3			EA	PADLOCK (J) BRASS W/STL SHACKLE 1 1/2" <TC>	HG45 4002 40
3			EA	PADLOCK (J) BRASS W/STL SHACKLE 1 3/4" <TC>	HG45 4003 40

MISCELLANEOUS TOOLS

	12		EA	BLADE (J) HACKSAW H.S. STEEL 12"-14T	TL25 4009 40
	12		EA	BLADE (J) HACKSAW H.S. STEEL 12" 18T	TL25 4010 40
	12		EA	BLADE (J) HACKSAW H.S. STEEL 12" 24T	TL25 4030 40
			EA	BLADE (J) BAND SAW SANDVIK 5' 4-1/2" X 1/2" X .025" 18 TEETH	TL25 4033 40
			EA	BLADE (J) BAND SAW SANDVIK 5' 4-1/2" X 1/2" X .025" 24 TEETH	TL25 4034 40
2	2		EA	GUN (J) CAULKING CARTRIDGE TYPE	TL25 4011 40
			EA	HOSE (J) AIR 1" X 50' 250 LB.	PH13 4000 40
2	1		EA	HOSE (J) AIR 1/2" X 50' 250 LB.	PH13 4001 40
			EA	HOSE (J) AIR 3/4" X 50' 250 LB.	PH13 4002 40
2			EA	DRIVER (J) NEEDLE #834045 FOR CLECO SCALER BC1	TL25 4026 40
2			EA	HOLDER (J) NEEDLE #834046-5 FOR CLECO SCALER BC1	TL25 4027 40
60			EA	NEEDLE (J) FOR CLECO SCALER BC1 7"	TL25 4025 40
			EA	BAR (J) PRY 60"	TL20 4005 40
1			EA	SCALER (J) PNEUMATIC CLECO BC-1	TL10 4000 40
4			EA	BUSHING (J) SCREEN #841553-1 FOR CLECO SCALER BC1	TL25 4028 40
4			EA	SPRING (J) THROTTLE VALVE #832078-0 FOR CLECO SCALER	TL25 4029 40

MEASURING DEVICES

			EA	BOB (J) FOR CONSTRICTED PIPE STARRETT 515B	TL25 4035 40
	1		EA	BOB (J) OUTAGE FOR SOUNDING TAPE	TL25 4014 40
			EA	BOB (J) OUTAGE FOR SOUNDING TANK STARRETT 515F	TL25 4037 40
1			EA	TAPE (J) SOUNDING 30M STARRET C507MCB30 METRIC/ENGLISH	TL25 4016 40
1			EA	TAPE (J) SOUNDING REFILL 30 MTR	TL25 4017 40
			EA	BOB (J) TANK GAUGING BRASS OUTAGE 16 OZ	TL25 4019 40

SHIPS 60-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
	1		EA	TAPE (J) TANK GAUGING 15 METER REEL STARRETT C507MC	TL25 4038 40
	1		EA	TAPE (J) TANK GAUGING REFILL 15 METER STARRETT	TL25 4039 40
			EA	TAPE (J) RULE AUTOLOK 10FT 3M	TL25 4020 40
	2		EA	TAPE (J) RULE AUTOLOK 16FT 5M	TL25 4021 40
1			EA	TAPE (J) GAUGING 1/2" X 30M/100FT	TL25 4022 40

WELDING SUPPLIES

			FT	CABLE (J) FT WELDING 2/0 COPPER 50 FT	EL10 4006 40
			EA	CONNECTOR (J) CABLE WELDING NEOPRENE COVERED FEMA	EL10 4007 40
			EA	CONNECTOR (J) CABLE WELDING NEOPRENE COVERED MALE	EL10 4008 40
			EA	LIGHTER (J) GAS TORCH FLINT	WS62 4000 40
			EA	FLINT (J) GASS TORCH LIGHTER	WS62 4001 40
	1		EA	CLEANER (J) GASS TORCH TIP	WS66 4000 40
	2		PAIR	GLOVE (J) WELDING LEATHER LONG SIZE LARGE	WS42 4000 40
	1		EA	HAMMER (J) CHIPPING SPRING HANDLE	WS14 4000 40
			EA	END (J) HOSE 1/4"X3/8" OXY & ACET	FT18 4003 40
	2		EA	LENS (J) REPL F/WELDING HOOD 2" X 4 1/2" CLEAR PROTECTIVE	WS46 4001 40
			EA	LENS (J) REPL F/WELDING HOOD 2" X 4 1/2" SHADE 10	WS46 4002 40
	2		EA	LENS (J) REPL F/WELDING HOOD 2" X 4 1/2" SHADE 12	WS46 4003 40
			EA	LENS (J) REPL F/GAS WELDING GOGGLES CLEAR	WS46 4004 40
			EA	LENS (J) REPL F/GAS WELDING GOGGLES SHADE 5	WS46 4005 40
			EA	LENS (J) REPLACEMENT, CLEAR 50MM #EL-GL	SE50 4003 40
			EA	LENS (J) REPLACEMENT SHADE #5 EL-FSH	SE50 4004 40
	1		EA	HELMET (J) WELDING FIBERGLASS LIFT FRONT WILLSON FCF	WS30 4000 40

REFRIGERATION EQUIPMENT

			EA	LINE (J) CHARGING & TEST MANIFOLD 36" BLUE	TE40 4000 40
			EA	LINE (J) CHARGING & TEST MANIFOLD 36" RED	TE40 4001 40
			EA	LINE (J) CHARGING & TEST MANIFOLD 36" YELLOW	TE40 4002 40
	1		EA	LINE (J) CHARGING & TEST MANIFOLD W/3 36" COLOR CODED C	TE40 4003 40
			EA	DETECTOR (J) HALIDE TORCH R12 LEAK	TE40 4005 40

SHIPS 60-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			

CORDAGE AND RIGGING SUPPLIES

2			RL	MANILA (J) 1"DIA 600' FOR LIFEBOATS	HW10 4000 40
1			RL	MANILA (J) 1/2" DIA 600'	HW25 4000 40
1			RL	MANILA (J) 1/4 DIA 1200'	HW25 4001 40
1	1		RL	MANILA (J) 3/8 DIA 600'	HW25 4002 40
1			RL	POLYPRO (J) 3/8" DIA 600' ORANGE	HW20 4003 40
1			RL	POLYPRO (J) 3/8" DIA 600' YELLOW	HW20 4004 40
1			RL	MANILA (J) 5/8 DIA 600'	HW25 4004 40
2	2		EA	CLOTH (J) DROP 9'X12' CANVAS	HM50 4001 40
2			EA	FID (J) WOODEN 6"	RE74 4002 40
2			EA	PASTE (J) KOLOR KUT WATER FINDING	TE40 4007 40
			EA	MATLINE(J) TARRED	HM50 4002 40
6			EA	SHACKLE (J) SCREW PIN ANCHOR 1 INCH CROSBY G-209	HM10 4000 40
3	2		EA	SLING (J) NYLON WEB 2" X 6'	RE58 4000 40
3	2		EA	SLING (J) NYLON WEB 2" X 8'	RE58 4001 40
3			EA	SLING (J) WIRE ROPE 1/4 X 5'	RE58 4003 40
3			EA	SLING (J) WIRE ROPE 5/8 X 5'	RE58 4005 40

CLOTHING

6			EA	BOOT (J) RUBBER KNEE SIZE 10 (RED BALL)	CA15 4000 40
6			EA	BOOT (J) RUBBER KNEE SIZE 11 (RED BALL)	CA15 4001 40
6			EA	BOOT (J) RUBBER KNEE SIZE 12 (RED BALL)	CA15 4002 40
6			EA	BOOT (J) RUBBER KNEE SIZE 13 (RED BALL)	CA15 4003 40
6			EA	BOOT (J) RUBBER KNEE SIZE 8 (RED BALL)	CA15 4004 40
6			EA	BOOT (J) RUBBER KNEE SIZE 9 (RED BALL)	CA15 4005 40
			BX	COVERALL (J) EXTRA-LARGE, DISPOSABLE	CA25 4001 40
			BX	COVERALL (J) DISPOSABLE SIZE LARGE	CA25 4000 40
6			EA	COVERALL (J) HOODED F/CHEMICAL PROTECTION	CA25 4002 40
24	6		PR	GLOVES (J) COTTON WORK W/BLACK PVC DOTS WASHABLE GR	CA30 4006 40
4			EA	GLOVES (J) CHEMICAL RESISTANT SAFETY PRODUCTS "THE B	CA30 4007 40

SHIPS 60-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
4	2		EA	GLOVES (J) CHEMICAL XYLENE RESISTANT SILVER SHIELD GR	CA30 4008 40
6	1		DZ	GLOVE (J) COTTON WORK W/KNITWRIST #208	CA30 4000 40
4	1		EA	GLOVE (J) H.D. NEOPRENE SIZE 10 N36	CA30 4001 40
8	1	1	DZ	GLOVE (J) LEATHER PALM #122D	CA30 4002 40
4			EA	GLOVE (J) NEOP.CHEM./ACID RESISTANT #NL34M	CA30 4003 40
4		12	EA	GLOVE (J) RUBBER PLAYTEX LG. #8326	CA30 4005 40
4			EA	GLOVE (J) WELDER ALL LEATHER GAUNTLET #200	WS42 4001 40
4	3		EA	PAD (J) KNEE	CA15 4006 40
8	4		EA	SUIT (J) RAIN COMPLETE YELLOW LARGE RIVER CITY 200-3	CA20 4000 40
8			EA	SUIT (J) RAIN COMPLETE YELLOW MEDIUM RIVER CITY 200-3	CA20 4001 40
8	2		EA	SUIT (J) RAIN COMPLETE YELLOW XLARGE RIVER CITY 200-3	CA20 4003 40

SHIPS 7-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			

SOAPS, CLEANERS AND CLEANSERS

8	8		PAIL	DEGREASER (J) SOLVENT 140-SX-90 (SELIG 218711) 5 GALS PER	JE38 4006 40
1	1	2	CS	BLEACH (J) LIQUID (SELIG 273207) 4/1 GAL PER CASE	JE10 4004 40
	2		CS	CLEANER (J) DRAIN FORMULA-0 98 (SELIG 217709) 1 DZ/ 20 OZ	JE30 0023 40
		1	CS	CLEANER (J) FLOOR LIQUID-NEUTRO-JEL (SELIG 094507) 4/1 GAL	JE30 0024 40
			PAIL	CLEANER (J) FLOOR LIQUID-NEUTRO-JEL (SELIG 094511) 5 GAL	JE30 0021 40
		2	CS	CLEANER (J) GERMICIDIAL GERMAWAY (SELIG 301002) 12/ 1 QT	JE10 0006 40
1		2	CS	CLEANER (J) GLASS GLASHINE (SELIG 209403) 12/1 QT BTLS P	JE30 4009 40
1			CS	CLEANER (J) HAND SOAP GABE'S GRIT (SELIG 254070) 9/2500 M	JE62 0003 40
1	2		CS	CLEANER (J)HAND W/GRT ORANGE RUFFY (SELIG 254970) 9/250	JE62 4007 40
1		2	CS	CLEANER (J) PINE PINETEX (SELIG 295007) 4/1 GALS PER CASE	JE30 4012 40
		3	CS	CLEANER (J) SURFACE SPRAY GOSH (SELIG 209202) 12/1 QT C	JE30 4010 40
		2	CS	CLEANER (J)ALL SURFACE,CREME CLEANSER, DISINFECTANT,S	JE30 0022 40
		1	CS	DEGREASER (J) CLEAR CHOICE 5 GALS PER PAIL	CC60 4002 40
			PAIL	DEGREASER (J) CLEANER, CLEAR-CHOICE (SELIG 213511/PAIL	CC60 4004 40
		1	CS	CLEANER (J) SOLVENT ZONE DEFENSE (SELIG 049509) 1 DZ CA	CC60 0080 40
		1	PAIL	DETERGENT (J) LAUNDRY SNO-WHITE (SELIG 288203) 45 LBS PE	JE38 4010 40
		1	CS	DETERGENT (J) LAUNDRY SNO-WHITE (SELIG 475618) 4/10LB PA	JE38 4020 40
			EA	DISPENSER SOAP (J) HAND IRON MAN (SELG 508105)	HG15 0002 40
1	1	2	CS	SOAP (J) HAND LAVA 48/CS	JE62 4002 40
		1	CS	POLISH (J) STNLS STEEL,SELCO-SHINE (SELIG 020309)1 DZ CAN	JE14 0005 40
2	2	4	EA	SPRAYER (J) SOLVENT RESISTENT QT BOTTLE	JE54 4020 40
		2	CS	STRIPPER (J) WAX RE-MOV (SELIG 089807) 4/1 GALS PER CASE	JE30 4013 40
			CS	WAX (J) FLOOR LIQUID NJ-FINISH (SELIG 094207) 4/1 GALS PER	JE76 4001 40
		1	PAIL	WAX (J) FLOOR LIQUID NJ FINISH (SELIG 094213) 5 GALS PER D	JE76 4002 40

CLEANING AND MAINTENANCE BRUSHES AND MOPS

4	1		EA	BROOM (J) GARAGE 36" W/O THRD.HDL. #1107-36	JE18 4004 40
			EA	BROOM (J) STREET 16" W/O HANDLE PALMYRA	JE18 4005 40
3			EA	BROOM (J) WHISK 9" #70031	JE18 4006 40
3	1		EA	BROOM (J) CORN HEAVY DUTY	JE18 4001 40

SHIPS 7-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
		2	EA	BROOM (J) PUSH 18" W/HANDLE FINE BRISTLE	JE18 4002 40
			BX	BRUSH (J) ACID 144/BX	JE22 4000 40
		2	EA	BRUSH (J) HAND SCRUB PLASTIC 4" X 12"	JE22 4001 40
2			EA	BRUSH (J) TURKS HEAD 4 1/2 DIA MAGNOLIA #1429 WITH THREA	JE22 4003 40
4	2	4	EA	BRUSH (J) COUNTER DUSTER FOXTAIL #208-8	JE22 4004 40
			EA	BRUSH (J) DECK 9" HOL. PALMYRA #610	JE22 4005 40
			EA	BRUSH (J) HAND SCRUB 8" #598	JE22 4006 40
		12	EA	BRUSH (J) SANITARY 20" WOOD HANDLE	JE22 4008 40
2	2		EA	BRUSH (J) STEEL WIRE 3 X 19 ROW BH	JE22 4009 40
2	2		EA	BRUSH (J) STEEL WIRE 4 X 16 ROW SHOE HDL #114	JE22 4010 40
	2		EA	BRUSH (J) WIRE SCRATCH SHOE HANDLE BRASS	JE22 4015 40
		2	EA	PADS (J) BUFFING RED 16"	AB40 4000 40
			EA	BROOM (J) FLOOR 24" TAMPICO	JE18 4007 40
1	1		EA	HANDLE (J) MOP SPRING TYPE	JE50 4000 40
1			EA	HANDLE (J) WOOD 54" TAPERED	JE18 4009 40
1	2		EA	HANDLE (J) WOOD 54" THREADED WITH METAL TIP	JE18 4010 40
			EA	MOP (J) YACHT 16 OZ. W/HANDLE	JE50 4005 40
			EA	MOP (J) YACHT 20 OZ. W/HANDLE	JE50 4006 40
			EA	MOP (J) YACHT 24 OZ. W/HANDLE	JE50 4007 40
3	4	10	EA	MOPHEAD (J) 32 OZ. COTTON	JE50 4004 40
			EA	MOPHEAD (J) 16 OZ. COTTON	JE50 4001 40
			EA	MOPHEAD (J) 20 OZ. COTTON	JE50 4002 40
			EA	MOPHEAD (J) 24 OZ. COTTON	JE50 4003 40
			EA	PADS (J) POLISHING WHITE 16"	AB25 4000 40
1	1	2	BX	PADS (J) SCOTCH BRITE 3M 10 PADS/BX.	AB40 4001 40
1	1	2	EA	BRUSH (J) SCRUB UTILITY LONG HANDLE #417OSBORN	JE22 4012 40
		2	EA	BRUSH (J) SCRUB UTILITY SHORT HANDLE OSBORN 413	JE22 4013 40
		2	EA	PADS (J) STRIPPING BLACK 16"	AB40 4002 40
			EA	BRUSH (J) WIRE SCRATCH SHOE HANDLE STAINLESS STEEL	JE22 4016 40
		2	EA	BRUSH (J) WIRE SCRATCH CURVED HANDLE STAINLESS STEEL	JE22 4017 40

SHIPS 7-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			

CLEANING AND MAINTENANCE SUPPLIES

8	4		EA	ABSORBENT (J) 50# BAG AP-SORBANT SELIG (SELIG 117605) 50	AS50 0010 40
			CS	FILTER (J) AIR 16 X 25 X 1 12/BX	FI10 4001 40
	1		CS	FILTER (J) AIR 18 X 25 X 1 12/BX	FI10 4002 40
			EA	FILTER (J) AIR DISPOSABLE 16 X 20 X 1	FI10 4000 40
1	1		EA	GUN (J) CLEANING BINKS 140B	TL25 4000 40
2	1	2	EA	BUCKET (J) 10 QT RUBBERMAID 2963	JE26 4001 40
			EA	BUCKET (J) GALVANIZED 14 QT.	JE26 4002 40
2	2	2	EA	BUCKET (J) MOP 14 QT W/WRINGER	JE26 4003 40
			EA	BUCKET (J) MOP 26 QT RUBBERMAID #6113	JE26 4007 40
			EA	BUCKET (J) MOP 35 QT RUBBERMAID	JE26 4008 40
			EA	BUCKET (J) PLASTIC 14 QT #2614	JE26 4005 40
			EA	PAN (J) DUST METAL	JE46 4001 40
3	2	2	EA	PAN (J) DUST RUBBERMAID	JE46 4002 40
2			EA	HOSE (J) GARDEN HVY DUTY 3/4" 100 FT. BLACK RUBBER GOOD	PH49 4000 40
		1	EA	HOSE (J) GARDEN HVY DUTY 3/4" 50 FT. BLACK RUBBER GOOD	PH49 4001 40
	1		RL	FILTER ROLL (J) UTILITY GENERATOR TURBO GLASS/POLYESTER	FI10 4003 40
3	3		EA	WASHER (J) HOSE 3/4"	FA60 4000 40
			CS	FILTER (J) AIR INVERTER 16 X 18 X 1 12/BX	FI10 4004 40
			CS	FILTER (J) AIR INVERTER 16 X 20 X 1 12/BX	FI10 4005 40
			RL	FILTER (J) AIR M.E. TURBO MATERIAL GLASS	FI10 4006 40
			BG	ABRASIVE (J) M.E. TURBO WALNUT SHELLS SIZE 12/20 MEDIUM	AB15 4002 40
1		1	EA	MAT (J) CARPET 24" X 36" SHORT PILE DARK COLOR	JE99 4004 40
		1	EA	MAT (J) CARPET 16" X 27"	JE99 4003 40
2		1	EA	MAT (J) CARPET 36" X 60" SHORT PILE DARK COLOR	JE99 4005 40
	4		EA	MAT (J) COCOA CCL #2 16" X 27"	JE99 4001 40
2	1	1	EA	NOZZLE (J) HOSE PISTOL GRIP 3/4"	HG45 4000 40
5			EA	ABSORBENT (J) PADS OIL #200 T151 200/BDL 3/16" THICK	AS55 4001 40
1	1	1	RL	PAPER (J) BROWN ROLLS FOR FLOOR 36" X 250'	JE54 4003 40
2	3	1	BX	RAGS (J) MARINE COLOR 100% COTTON WIPING, 50# CT. MIX	JE58 4000 40

SHIPS 7-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
2	1		EA	SCOOP (J) PLASTIC FLAT BOTTOM 2 QT.	JE99 4002 40
1			EA	SHOVEL (J) GRAIN/HOG 14" X 17" PLASTIC GRAINGER PN 3Z224	TL25 4031 40
			EA	SHOVEL (J) HAND GALV. 18" O.A.	TL25 4001 40
			EA	SHOVEL (J) SQUARE POINT "D" HANDLE	TL25 4002 40
			EA	SPONGE (J) SCRUBBING HVY DUTY 6"X4"X2"	JE58 4002 40
1	1	1	EA	SQUEEGEE (J) DECK HD 24" GRAINGER # 3A3337	JE22 4023 40
1			EA	SQUEEGEE (J) WINDOW 12"	JE22 4019 40
			EA	SQUEEGEE (J) WINDOW 18"	JE22 4020 40
2	2	2	EA	CAN (J) TRASH HVY DTY 32 GAL RUBBERMAID #3632	CS45 4003 40
2		1	EA	CAN (J) TRASH HVY DTY 55 GAL RUBBERMAID #2655 GRAY	CS45 4004 40
2		1	EA	CAN (J) TRASH HVY DTY 55 GAL RUBBERMAID #2655 YELLOW	CS45 4005 40
			EA	CAN (J) TRASH ROOM SIZE 28 QT RUBBERMAID	CS45 4006 40

PAPER AND PLASTIC SUPPLIES

			C	BAG (J) PLASTIC ZIP-LOCK 3" X 5" 4MIL WITH WHITE WRITE-ON	RS18 4004 40
			C	BAG (J) PLASTIC ZIP-LOCK 4" X 6" 4 MIL WITH WHITE WRITE-ON	RS18 4005 40
			C	BAG (J) PLASTIC ZIP-LOCK 6" X 9" 4 MIL WITH WHITE WRITE-ON	RS18 4008 40
			C	BAG (J) PLASTIC ZIP-LOCK 8" X 12" 4 MIL WITH WHITE WRITE-ON	RS18 4009 40
1	1	1	CS	BAG (J) GARBAGE 60 GAL BK60 22 X 16 X 58 1.2 MIL	RS18 4010 40
		1	CS	BAG (J) PLASTIC LINER 5 GAL 500/CS	RS18 4000 40
			CS	BAG (J) PLASTIC 30 GAL 250/CS (1.5 MIL) MEDIUM WEIGHT	RS18 4001 40
			CS	BAG (J) PLASTIC 55 GAL HEAVY WEIGHT	RS18 4002 40
2	2	6	CS	BAG (J) PAPER REFUSE 30 GAL 50/PK PAPER	RS18 4003 40
			CS	WIPERS (J) PAPER SCOTT 5700	JE54 4000 40
	1		RL	SHEETING (J) PLASTIC 4 MIL 36" X 100'	HG75 4001 40
			PK	TAGS (J) MANILA W/WIRE TIES 2.5" X 4.5" 250/PK	OS66 4001 40
		1	CS	TISSUE (J) TOILET 96'S	JE70 4000 40
		1	CS	TOWELS (J) PAPER ROLL INDUST STRENGTH YELLOW BIRCH P	JE54 4004 40
	1	3	CS	TOWELS (J) PAPER ROLLS 30/CS	JE54 4001 40
	1	1	CS	TOWELS (J) PAPER SINGLEFOLD 15/PKG 250/CS	JE54 4002 40

SHIPS 7-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
<i>PAINT BRUSHES AND ROLLERS</i>					
1			EA	BRUSH (J) ROUND MARKING 1/2" DIA. CORONA	PS10 4000 40
1			EA	BRUSH (J) ROUND STENCIL 1" DIA. CORONA	PS10 4001 40
			EA	BRUSH (J) ACID 3/8"	PS10 4003 40
5			EA	BRUSH (J) BENT WOOD HANDLE 1" CORONA	PS10 4004 40
			EA	BRUSH (J) BENT WOOD HANDLE 1-1/2" CORONA	PS10 4005 40
5	4		EA	BRUSH (J) BENT WOOD HANDLE 2" CORONA	PS10 4006 40
			EA	BRUSH (J) BENT WOOD HANDLE 2-1/2" CORONA	PS10 4007 40
5			EA	BRUSH (J) BENT WOOD HANDLE 3" CORONA	PS10 4008 40
	6		EA	BRUSH (J) FLAT PAINT 1" CORONA	PS10 4009 40
2			EA	BRUSH (J) FLAT PAINT 1 1/2" CORONA	PS10 4010 40
			EA	BRUSH (J) FLAT PAINT 2" CORONA	PS10 4011 40
			EA	BRUSH (J) FLAT PAINT 3" CORONA	PS10 4013 40
			EA	BRUSH (J) FLAT PAINT 4" CORONA	PS10 4014 40
			EA	BRUSH (J) FLAT VARNISH 2" CORONA	PS10 4017 40
			EA	BRUSH (J) FLAT VARNISH 3" CORONA	PS10 4019 40
			EA	BRUSH (J) FLAT VARNISH 4"	PS15 4022 40
			EA	BRUSH (J) STENCIL 3/4" CORONA	PS10 4021 40
			EA	MITT (J) PAINTER	PS99 4000 40
3			EA	COVER (J) ROLLER ARSCO 18" SEALED CORE	PS20 4006 40
3	4		EA	COVER (J) ROLLER ARSCO 4" MAC 40 SEALED CORE	PS20 4000 40
3			EA	COVER (J) ROLLER ARSCO 7" MAC 70 SEALED CORE	PS20 4001 40
3	6		EA	COVER (J) ROLLER ARSCO 9" MAC 90 SEALED CORE	PS20 4002 40
1			EA	FRAME (J) ROLLER 18" SEALED CORE	PS20 4007 40
1	1		EA	FRAME (J) ROLLER 4" MAF 40 SEALED CORE	PS20 4003 40
1			EA	FRAME (J) ROLLER 7" MAF 70 SEALED CORE	PS20 4004 40
1			EA	FRAME (J) ROLLER 9" MAF 90 SEALED CORE	PS20 4005 40
2			EA	POLE (J) ROLLER PAINT EXTENSION 6' WOOD	PS15 4000 40
2			EA	POLE (J) ROLLER PAINT EXTENSION 4' WOOD	PS15 4001 40

MISCELLANEOUS PAINT SUPPLIES

SHIPS 7-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
2	4		EA	SCRAPER (J) ALL METAL	PS99 4001 40
1			EA	POLE (J) EXTENSION ALUMINUM 6'-12' #3212	PS15 4002 40
			EA	POLE (J) EXTENSION ALUMINUM 6'-18'	PS15 4003 40
1			EA	HAMMER (J) CHIPPING WOOD HANDLE	TL20 4002 40
1		1	EA	KNIFE (J) UTILITY 10-099	TL20 0204 40
1		1	PK	BLADE (J) UTILITY KNIFE SPARE 5/PK	TL20 4001 40
1	2		EA	TRAY (J) PAINT PLASTIC 1 GAL CAP	PS30 4001 40
			EA	SCRAPER (J) 5 IN 1 PAINT TOOL CAMBAR CAT. 123 PG. 243	TL20 4003 40
1			EA	SPRAYER (J) HUDSON 63490 GALV. 4 GAL.	PS99 4002 40
2			EA	MESH (J) STEEL FOR PAINT POT	PS99 4003 40

METAL CLEANERS AND PAINT PRODUCTS

			CS	CLEANER(J) PAINT REMOV HANDY-MAN 1/DZ CS SELIG # 038909	CC20 0020 40
			CS	COATING (J) RUST PREVENT LINEBACKER (SELIG 238407) 4 / 1 G	CC20 4008 40
			EA	NONSKID (J) COMPOUND 1 UNIT/5 GAL.	PS99 4004 40
1			EA	PAINT (J) SPRAY BLACK	PT45 4001 40
1			EA	PAINT (J) SPRAY BLUE	PT45 4002 40
1			EA	PAINT (J) SPRAY CLEAR	PT45 4007 40
1			EA	PAINT (J) SPRAY FLUORECENT GREEN	PT45 4008 40
1			EA	PAINT (J) SPRAY FLUORECENT RED	PT45 4009 40
1			EA	PAINT (J) SPRAY FLUORECENT YELLOW	PT45 4010 40
1			EA	PAINT (J) SPRAY GRAY	PT45 4003 40
1			EA	PAINT (J) SPRAY INTERNATIONAL ORANGE	PT45 4006 40
1			EA	PAINT (J) SPRAY SAFETY RED	PT45 4005 40
1			EA	PAINT (J) SPRAY SAFETY YELLOW	PT45 4004 40
1			EA	PAINT (J) SPRAY WHITE	PT45 4000 40
			EA	VARNISH (J) SPAR CLEAR EXTERIOR USE W/UV PROTECTION SA	PT75 4000 40

LADDERS

			EA	LADDER (J) FIBERGLASS SINGLE 14'	HG40 4000 40
			EA	LADDER (J) FIBERGLASS EXTENSION 28'	HG40 4001 40

SHIPS 7-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
1		1	EA	LADDER (J) STEP 3' FIBERGLASS CLASS 1A 300 LB CAPACITY	HG40 4014 40
			EA	LADDER (J) STEP 3' WOOD CLASS 1A 300 LB CAPACITY	HG40 4008 40
			EA	LADDER (J) STEP 5' FIBERGLASS CLASS 1A 300 LB CAPACITY	HG40 4015 40
			EA	LADDER (J) STEP 5' WOOD CLASS 1A 300 LB CAPACITY	HG40 4009 40
			EA	LADDER (J) STEP 6' FIBERGLASS CLASS 1A 300 LB CAPACITY	HG40 4016 40
			EA	LADDER (J) STEP 6' WOOD CLASS 1A 300 LB CAPACITY	HG40 4010 40
			EA	LADDER (J) STEP 8' FIBERGLASS CLASS 1A 300 LB CAPACITY	HG40 4017 40
			EA	LADDER (J) STEP 8' WOOD CLASS 1A 300 LB CAPACITY	HG40 4011 40
			EA	LADDER (J) WOOD STRAIGHT 12 FT CLASS 1A 300 LB CAPACITY	HG40 4003 40

LIFE SAVING EQUIPMENT

			EA	BUCKET (J) 8 QT. W/LANYARD	CS20 4000 40
			EA	BULB (J) FLASHLIGHT PR-2 2.38V .50AMP	LF15 4024 40
			EA	RING (J) BUOY ORANGE 30" USCG APPD	SE40 4000 40
			EA	OIL (J) ILUMINATING WATERTIGHT CONTAINER	LU99 4000 40
2			EA	FLASHLIGHT (J) 3 D CELL USCG APPROVED	LF20 4001 40
2			EA	FLASHLIGHT (J) 2 D CELL BRIGHTSTAR 1618	LF20 4000 40
			EA	HATCHET (J) W/LANYARD	TL25 4003 40
			EA	JACKNIFE (J) W/LANYARD	TL25 4004 40
			EA	LIFEJACKET (J) ADULT W/REFLECTIVE TAPE SEWN ON	SE40 4002 40
			EA	LIGHT (J) PFD CYALUME 6075	LF60 4004 40
			EA	LIGHT (J) PFD F/LIFE PRES. #L8-2A USCG APPROVED	LF60 4001 40
			EA	MATCHES (J) WATERPROOF CONTAINER	RS46 4000 40
			EA	PROVISIONS (J) LIFEBOAT 32 OZ.	FD99 4000 40
1			RL	TAPE (J) REFLECTIVE F/LIFEJACKET REPAIR	SE40 4017 40
			CS	WATER (J) FOR LIFEBOAT 10 2/3 OZ 24/CS	FD99 4001 40
			EA	WHISTLE (J) W/LANYARD	SE40 4006 40

PYROTECHNICS

			EA	FLARE (J) HAND HELD ROCKET	SE40 4010 40
			EA	FLARE (J) RED HAND HELD USCG APPROVED WW611	SE40 4012 40

SHIPS 7-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			

FIRE FIGHTING EQUIPMENT

			EA	AXE (J) PICK HEAD FIRE 36"	TL25 4006 40
			FT	CHAIN (J) BRASS JACK	HM35 4001 40
3			EA	GASKET (J) FIREHOSE 1 1/2" HOSE	PG60 4000 40
3			EA	GASKET (J) FIREHOSE 2 1/2" HOSE	PG60 4001 40
			EA	HOSE (J) FIRE 1 1/2" X 50' NST UL BRASS PIN LUG	PH19 4000 40
1			EA	HOSE (J) FIRE 1-1/2" X 75' NST UL BRASS/PIN LUG	PH19 4002 40
			EA	HOSE (J) FIRE 2-1/2" X 50' NST UL BRASS/PIN LUG	PH19 4003 40
1			EA	HOSE (J) FIRE 2 1/2" X 75' NST UL BRASS PIN LUG	PH19 4001 40
1			EA	NOZZLE (J) WASHDOWN 1-1/2" MCMASTER 6469T36	SE20 4004 40

SAFETY EQUIPMENT

			EA	CHIN STRAP (J) FOR HARD HAT	SE25 4002 40
			BX	MASK (J) DUST MIST, PARTICLE NON-TOXIC 20/BX 3M 8710	SE45 4003 40
1	1		BX	EAR PLUG (J) WITH CORDS 100/BX MAXLITE NRR30	SE10 4001 40
1			GAL	EYE WASH (J) SOLUTION REFILL	SE10 4003 40
2	1		EA	FACE SHIELD (J) HEAD BAND BRACKET HK	SE15 4001 40
3	2		EA	FACE SHIELD (J) CLEAR 3440V	SE15 4000 40
3			EA	HARNES (J) FULL-BODY, SINGLE D-RING ROSE 502720	SE25 4001 40
	1	1	BX	GATORADE (J) 8.5 OZ POWDER MIX PKS 20/BX	FD30 0001 40
	1		EA	GOGGLES (J) BURNING #5 LENS OKI BEARING WS80	SE50 4002 40
2			EA	GOGGLES (J) CHIP-GRIND-CHEM SPLASH PROTECTION UVEX	SE50 4001 40
3			EA	HAT (J) HARD WHITE MAVERICK MAVHAT	SE30 4000 40
			EA	CAP (J) HEARING PROTECTION CANAL H LEIGHT QB2	SE30 4001 40
5			EA	PROTECTOR (J) HEARING EAR MUFF WILSON NRR28	SE10 4002 40
1			BX	CARTRIDGE (J) ORGANIC VAPOR 3M 6001	SE45 4002 40
			EA	PREFILTER (J) 3M 5010	SE45 4004 40
			EA	RESPIRATOR (J) DISP FOR WELD FUMES AND NUISANCE VAPO	SE45 4022 40
			EA	RINGS (J) RETAINER 3M 501	SE45 4023 40
6			EA	GLASSES (J) SAFETY CLEAR UVEX 3000 #135	SE50 4005 40

SHIPS 7-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
			EA	VEST (J) REFLECTIVE NYLON MESH SERVICE & MATERIAL FVIYF	SE25 4004 40

GASKETS AND TAPE

			EA	FORM-A-GASKET (J) 1 PT AVIATION 3D	PG99 4000 40
			EA	ELIMINATOR (J) GASKET (PERMATEX)	PG99 4012 40
			EA	GASKET MAKER (J) SILICONE RTV (SELIG 032505) 1 DZ 10 OZ CA	CC15 4005 40
			FT	RUBBER (J) SHT,GASKET MATERIAL 36"W 1/16	PG60 4002 40
			FT	FIBER (J) SHT.GASKET MATERIAL 36"W 1/16"	PG40 4000 40
			FT	RUBBER (J) SHT,GASKET MATERIAL 36"W 1/8	PG60 4003 40
			FT	FIBER (J) SHEET,GASKET MATERIAL 36"W,1/8	PG40 4001 40
			EA	MATERIAL (J) GASKET HIGH TEMP/STEAM 1/16 50" X 50" SHEET	PG45 4000 40
			EA	MATERIAL (J) GASKET HIGH TEMP/STEAM 1/8 50" X 50" SHEET	PG45 4001 40
			EA	NUT (J) LOCK ADHESIVE 1.69 OZ.	PG99 4003 40
			EA	LOCTITE (J) 609	PG99 4013 40
			EA	LOCTITE (J) PRIMER	PG99 4014 40
			EA	LOCTITE (J) F/MAKING O-RING,80851 PERMATEX	PG99 4005 40
			EA	FORM-A-GASKET (J) SILICONE BLUE 12 OZ	PG99 4006 40
2			EA	SILICONE (J) CLEAR	PG99 4007 40
			EA	SILICONE (J) RED FORM-A-GASKET 12 OZ	PG99 4008 40
2		2	EA	TAPE (J) MASKING 3" X 60 YD	HG10 4000 40
			EA	TAPE (J) PACKING 2" FILAMENT	HG10 4001 40
1	2		EA	TAPE (J) TEFLON 1/2" X 520"	HG10 4002 40
	2		EA	TAPE (J) TEFLON 3/4" X 520"	PG65 4000 40
3	2		EA	TAPE (J) DUCT 2" X 60 YD.	HG10 4003 40
	2		EA	TAPE (J) DUCT 3" X 60 YD.	HG10 4004 40
			EA	TAPE (J) ELECT 3/4"X66' SCOTCHSUPER #88	HG10 4006 40
			EA	TAPE (J) ELECT GLASS CLOTH 3/4"X66' #27	HG10 4007 40
1			EA	TAPE (J) ELECTRICAL 3/4" X 66' SCOTCH 33	HG10 4005 40
1			EA	TAPE (J) MASKING 1" X 60 YD.	HG10 4009 40
1	2		EA	TAPE (J) MASKING 2" X 60 YD.	HG10 4010 40
	1		EA	SEALANT (J) THREAD 1 PT W/BRUSH #14D	PG99 4009 40

SHIPS 7-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			

LUBRICANTS AND LUBRICATION EQUIPMENT

1			EA	GUN (J) GREASE ALEMITE 4041 B	FT42 4001 40
			CS	ANTISEIZE (J) LUBRICANT NO GRAB (SELIG 220005) 12/ 8 OZ CA	CC25 4001 40
	3		EA	WAX (J) BEES COMM'L GRADE 1 LB.	RE99 4000 40
1	1		CS	COATING (J) GALVANIZING ZINC RICH 16OZ	CC90 4000 40
			EA	FITTING (J) GREASE HYD STRAIGHT 1/4 NPT 1627	FT42 4005 40
			EA	FITTING (J) GREASE HYD STRAIGHT 1/8 NPT 1610	FT42 4006 40
			EA	FITTING (J) GREASE HYD 90 EL 1/4 NPT 1629-B	FT42 4007 40
			PAIL	GREASE (J) EP-2 35# PAIL	LU15 4000 40
			EA	FITTING (J) GREASE BUTTONHEAD 1/4" A1186	FT42 4009 40
			EA	FITTING (J) GREASE BUTTONHEAD 1/8" A1184	FT42 4010 40
			EA	FITTING (J) GREASE 45* 1/8" #A-684 PIN TYPE	FT42 4011 40
			EA	GREASE (J) SILICONE DOW 111 16 OZ TUBE	LU15 4010 40
			EA	GREASE (J) WHITE 35# PAILS LITHIUM BASE	LU15 4004 40
	1		CS	LUBRICANT (J) CUTTING OIL 19-SX-93 (SELIG 241011) 5 GALS PE	LU20 0008 40
			CS	LUBRICANT (J) ENVIRO MASTER MECH AERO (SELIG 035109) 1	LU20 4012 40
			CS	LUBRICANT (J) O-RING LOCTITE OR DOW CORNING 5-OZ TUBE	PG99 4010 40
			CS	LUBRICANT (J) MOLYKOTE SPRAY	LU10 4001 40
4	12		CS	LUBRICANT (J) PB BLASTER 16 OZ AEROSOL	LU20 4000 40
			EA	LUBRIPLATE (J) CARTRIDGE	LU15 4007 40
			EA	MOLYCOTE (J) G/N PASTE 17.5 OZ. UNIT	LU20 4003 40
			DR	OIL (J) FISH 55 GAL. DRUM	LU20 4009 40
1			GAL	OIL (J) MYSTERY #014 1 GAL.	LU20 4010 40
			EA	OILER (J) 1/2 PT.	CS30 4000 40
			EA	PUMP (J) OILER 1 PT.	PC50 4000 40
			EA	DIE MARK (J) PRUSSIAN BLUE 3/4 TUBE #35V	CC40 4000 40
1			PAIL	LUBRICANT (J) WIRE 35# PAIL	LU15 4001 40

ELECTRICAL SUPPLIES AND LAMPS

			CS	BULB (J) NAVIGATION FILAMENT 50/50 120V	LF15 4026 40
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SHIPS 7-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
			CS	BULB (J) ROUGH SERVICE 60W SYLVANIA	LF15 4028 40
			BX	CONNECTOR (J) BUTT 12-10 100/BX	EL74 4000 40
			BX	CONNECTOR (J) BUTT 16-14 100/BX	EL74 4001 40
			BX	CONNECTOR (J) BUTT 22-18 100/BX	EL74 4002 40
			CS	CHEMICAL (J) CRC ZINC IT	CC70 4000 40
			CS	CLEANER (J) CONTACT SPRAY LECTRON 2020 (SELIG 032909) 1	CC75 4004 40
			FT	CORD (J) PORTABLE 14/3 SO	EL10 4001 40
			EA	DUXSEAL (J) 1 LB.	EL18 4008 40
			EA	CORD (J) EXTENSION HD3 PRG50 NON STICK	EL34 4000 40
			EA	CORD (J) EXTENSION H.D. 3 PRONG 50' NON-STICK 220V 2-PR	EL34 4002 40
			EA	CORD (J) EXTENSION H.D.2-PRONG 100' 220V EUROPEAN STYLE	EL34 4003 40
			EA	CORD (J) EXTENSION H.D. 3 PRONG 100'	EL34 4001 40
			EA	LIGHT (J) EXT. 5025-SRG MCGILL 120V 100W 25' STRAIGHT BL	LF30 4017 40
			EA	GLOBE (J) WT CLEAR 3 5/16 DIA X 5"	LF35 4001 40
			EA	GLOBE (J) WT CLEAR 3 5/16 DIA X 6"	LF35 4002 40
			EA	GUARD (J) BRASS 6" OCEANIC 517	LF40 4001 40
			EA	INSULATION (J) HEAT SHRINK 1/16 DIA 4' LENGTH	EL66 4000 40
			EA	INSULATION (J) HEAT SHRINK 1/2 DIA 4' LENGTH	EL66 4001 40
			EA	INSULATION (J) HEAT SHRINK 1/4 DIA 4' LENGTH	EL66 4002 40
			EA	INSULATION (J) HEAT SHRINK 1/8 DIA 4' LENGTH	EL66 4003 40
			EA	INSULATION (J) HEAT SHRINK 3/8 DIA 4' LENGTH	EL66 4004 40
			EA	INSULATION (J) VARNISH SPRAY RED GLYPTOL3M 1602	PT40 4000 40
			CS	LAMP (J) CIRCLINE FC8T9/CW 4 PIN 22W COOL WHITE	LF30 4000 40
	8		CS	LAMP (J) FLUORESCENT F20/T12 BI PIN 24/CASE	LF15 4030 40
	8		CS	LAMP (J) FLUORESCENT F40/CW BI PIN 30/CASE	LF15 4032 40
			CS	LAMP (J) FLUORESCENT F48/T12 (30/CS) SINGLE PIN	LF15 4033 40
			CS	LAMP (J) INCANDESCENT 100W 120V 100A 19/RS E27 MED SCR	LF15 4035 40
			CS	LAMP (J) INCANDESCENT 100W A19 220V 100 RS E27 MEDIUM SC	LF15 4048 40
			CS	LAMP (J) INCANDESCENT 300W 120V MOGAL BASE 24/CS	LF15 4049 40
			CS	LAMP (J) INCANDESCENT 40W A19 40A 220V RS 120/CS	LF30 4005 40

SHIPS 7-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
			CS	LAMP (J) INCANDESCENT 50W A19 501/RS 120V 120/CS	LF15 4006 40
			CS	LAMP (J) INCANDESCENT 50W A19 220V501/ RS 120/CS	LF30 4020 40
			CS	LAMP (J) INCANDESCENT 60W A19 130V 120/CS	LF15 4008 40
	1		CS	LAMP (J) INCANDESCENT 60W A19 220V 120/CS	LF15 4050 40
			CS	LAMP (J) INDICATOR 3080 24V 5W E14 2 1/4 X 1/2 DIA	LF30 4011 40
			CS	LAMP (J) INDICATOR #44 6.3V .25A MIN SC BAYONET (100/CS)	LF30 4007 40
			BX	LAMP (J) INDICATOR GE 1819 100/CS	LF15 4016 40
			CS	LAMP (J) MERCURY HR400DX33 400W E40 (MOGUL SCREW) G	LF30 4014 40
			CS	LAMP (J) QUARTZ HALOGEN 500T3Q/CL 120V 500W RECESSED	LF30 4016 40
			EA	EXTENSION (J) LIGHT FLUORESCENT 50 FT.	EL50 4003 40
			EA	LUG (J) CONNECTOR STA-KON 2RA18 (100/PK) INSULATED	EL26 4005 40
			BX	LUG (J) TERMINAL STAKON A18-10 NON-INSULATED (100/PK)	EL26 4008 40
			BX	LUG (J) TERMINAL STAKON RC1014 INSULATED (100/PK)	EL26 4012 40
			BX	LUG (J) TERMINAL STAKON C10-10 NON-INSULATED (100/PK)	EL26 4014 40
			EA	PLUG (J) MIPCO 32A 440V 333FC	EL50 4001 40
			EA	PLUG (J) MIPCO 32A 440V 333MP	EL50 4002 40
			EA	SEALANT (J) SILICONE ELEC GRADE GE RTV 122 10.3 OZ TB	CC50 4001 40
	24		EA	STARTER (J) FS-2 FOR 14,15 & 20W NEOSTART STARTER	EL70 4000 40
			EA	STARTER (J) FS-20 14,15,20 WATT MANUAL RESET STARTER	EL70 4001 40
	24		EA	STARTER (J) FS-4 FOR 13,30 & 40 WATT NONSTART STARTER	EL70 4002 40
			PK	TIES (J) CABLE 11" NATURAL 100/PK	EL82 4004 40
	1		PK	TIES (J) CABLE 12" BLACK 100/PK	EL82 4005 40
			PK	TIES (J) CABLE 15" NATURAL 100/PK	EL82 4006 40
			PK	TIES (J) CABLE 4" NATURAL 100/PK	EL82 4007 40
			PK	TIES (J) CABLE 5.5" NATURAL 100/PK	EL82 4008 40
	1		PK	TIES (J) CABLE 7.5" BLACK 100/PK	EL82 4009 40
			PK	TIES (J) CABLE 7.5" NATURAL 100/PK	EL82 4010 40
			EA	TUBE (J) TERMINAL 1/2" MALE	EL26 4015 40
			EA	TUBE (J) TERMINAL 3/4" MALE	EL26 4016 40
	1		PK	MARKER (J) WIRE POCKET PACK 0-9	EL82 4003 40

SHIPS 7-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
			BX	NUT (J) WIRE IDEAL 71B (100/PK)	EL26 4017 40
			BX	NUT (J) WIRE IDEAL 72B (100/PK)	EL26 4018 40
			BX	NUT (J) WIRE IDEAL 73B (100/PK)	EL26 4019 40
			BX	NUT (J) WIRE IDEAL 74B (100/PK)	EL26 4020 40
			BX	NUT (J) WIRE IDEAL 76B (100/PK)	EL26 4021 40

BATTERIES

			EA	BATTERY (J) 6V ALKALINE SCREW TERM DTD	BA10 4006 40
			EA	BATTERY (J) 6V ALKALINE SPRING TERMINAL	BA10 4007 40
			EA	BATTERY (J) 9V ALKALINE	BA10 4002 40
24	12		EA	BATTERY (J) AA ALKALINE	BA10 4003 40
24			EA	BATTERY (J) AAA ALKALINE	BA10 4004 40
24	72		EA	BATTERY (J) C CELL	BA30 4003 40
36	36		EA	BATTERY (J) D ALKALINE	BA10 4001 40
12	12		EA	BULB (J) FLASHLIGHT PR3	LF15 4047 40
5			EA	FLASHLIGHT (J) MINI RAY-O-VAC	LF20 4011 40
			EA	FLASHLIGHT (J) NON HAZADOUS BS1925 3 CELL USCG	LF20 4004 40
6			EA	FLASHLIGHT (J) 2 D CELL ORANGE # 2117	LF20 4006 40
2			EA	FLASHLIGHT (J) 3 D CELL WATERPROOF	LF20 4009 40
			EA	TESTER (J) HYDROMETER BATTERY W/SYRINGE	BA25 4000 40
2			EA	LANTERN (J) SAFETY 6V EVEREADY 459	LF45 4002 40

HARDWARE GENERAL

	2		BG	CONCRETE (J) READY MIX 40#	CC30 4003 40
			LB	LOCKWIRE (J) STAINLESS STEEL 16 GAUGE	HG10 4021 40
			LB	LOCKWIRE (J) STAINLESS STEEL 20 GAUGE	HG10 4022 40
			EA	MEASURE (J) FLEX-SPOUT 1 PT	HG99 4001 40
			EA	MEASURE (J) FLEX-SPOUT 1 QT	HG99 4002 40
3	2		EA	PLYWOOD (J) 3/8" X 4' X 8' CDX	LB40 4000 40
			EA	CYLINDER (J) PROPANE DISPOSABLE	FL40 4000 40
			EA	KIT (J) PROPANE TORCH	WS99 4000 40

SHIPS 7-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
			EA	GUARD (J) RAT 36"	CC99 4001 40
			EA	NEEDLE (J) SAIL	RE30 4000 40
			EA	TWINE (J) SAIL WAXED LB	HM50 4003 40
			EA	TWINE (J) SAIL WAXED LB	RE30 4002 40
			EA	WIRE (J) SEIZING (5 LB.)	HG10 4023 40
1	1		EA	SPRAYER (J) 3 GAL MANUAL PUMP #4Z398 GRAINGER	HG99 4003 40
			EA	STAMP SET (J) METAL PUNCH 1/4 NUMBERS & LETTERS	TL20 4006 40
			EA	STAMP SET (J) METAL PUNCH 3/16 NUMBERS & LETTERS	TL20 4007 40
			EA	STENCIL (J) LETTERS & NUMBERS 2"	HG65 4001 40
			EA	TRAP (J) RAT	CC99 4002 40

ABRASIVES

			RL	CLOTH (J) ABRASIVE 2"X50 YD CROCUS	AB10 4007 40
			RL	CLOTH (J) ABRASIVE BELT 2" X 50 YD 100 G	AB10 4000 40
			RL	CLOTH (J) ABRASIVE BELT 2" X 50 YD 120 G	AB10 4001 40
			RL	CLOTH (J) ABRASIVE BELT 2" X 50 YD 180 G	AB10 4002 40
			RL	CLOTH (J) ABRASIVE BELT 2" X 50 YD 240 G	AB10 4003 40
			RL	CLOTH (J) ABRASIVE BELT 2" X 50 YD 400 G	AB10 4008 40
			RL	CLOTH (J) ABRASIVE BELT 2" X 50 YD 80 G	AB10 4006 40
			EA	BLADE (J) CHOP SAW 14" X 3/32 X 1" ARBOR	TL25 4032 40
2	2		EA	BRUSH (J) CUP 4" KNOTTED 5/8-11 ARBOR GRAINGER 5X891	AB35 0035 40
			EA	BRUSH (J) MOUNTED 1-1/8 KNOTTED 1/4 SHNK	AB35 0036 40
2	2		EA	BRUSH (J) WHEEL 6" KNOTTED 5/8-11 ARBOR	AB35 0037 40
			EA	CLOTH (J) CROCUS 9" X 11"	AB25 4001 40
			EA	DISC (J) SAND 4-1/2X 1/4X 7/8 A24N METAL	AB20 4002 40
			EA	DISC (J) SANDING 4 X 1/4 X 3/8 24 GRIT	AB20 4009 40
			EA	DISC (J) SANDING 4 X 1/4 X 5/8 24 GRIT	AB20 4010 40
			EA	DISC (J) SANDING 4 X 1/4 X 1/4 24 GRIT	AB20 4011 40
			EA	DISC (J) SANDING 7 X 1/4 X 7/8 A 24N MET	AB20 4012 40
			EA	DISC (J) SAND 7 X 7/8 FIBRE BACK 16 GRIT	AB20 4000 40
			EA	DISC (J) SAND 7 X 7/8 FIBRE BACK 36 GRIT	AB20 4001 40

SHIPS 7-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
			CN	CLOVER (J) GRINDING COMPOUND 1# GRADE A THRU J	AB20 4008 40
			BG	SANDBLASTER (J) BEAD BLAST #50 GLASS SHT BEAD 31611 MS-	AB15 4003 40
1			EA	SANDPAPER (J) 9"X11" COURSE (80 GRIT)	AB30 4006 40
1			EA	SANDPAPER (J) 9"X11" FINE (100 GRIT)	AB30 4007 40
1			EA	SANDPAPER (J) 9"X11" MEDIUM (T)	AB30 4008 40

ADHESIVES AND METAL COMPOUNDS

			EA	ADHESIVE (J) CLEAR DOW 739	CC15 4006 40
			EA	ADHESIVE (J) PLIOBOND	CC15 4001 40
			EA	BELZONA (J) MOLECULAR SUPER METAL 1 KG	CC30 4004 40
1			EA	CEMENT (J) CONTACT CON BOND 1 QT #985	CC15 4002 40
	2		EA	CORDOBOND (J) STRONG BACK STD 1LB RESIN (WITH CLOTH)	CC30 4000 40
			EA	STEEL (J) PLASTIC DEVCON "B"	CC30 4001 40
			EA	STEEL (J) PLASTIC DEVCON "A"	CC30 4002 40
			EA	PUTTY (J) DEVCON UW 1 LB	CC30 4005 40
1			EA	PASTE (J) FILLER RED HAND "A" 1 QT CAN	CC70 4001 40
1			EA	PASTE (J) RED HAND FILLER "B" 1 QT CAN	CC70 4002 40
			EA	PASTE (J) WATER FINDING 3 OZ TUBE	CC85 4000 40
			EA	SEALANT (J) DOW 737 BLACK	CC15 4007 40
			EA	SEALANT (J) SILICONE ELEC GRADE GERTV12210.3 OZ TUBE	CC50 4002 40
			EA	ADHESIVE (J) SUPER GLUE 1 OZ #80092 PERMATEX	CC15 4003 40

CLAMPS AND FASTENERS

2			EA	CLAMP (J) HOSE WORM DRIVE SS SIZE 08 7/16 TO 1"	HG20 4000 40
2			EA	CLAMP (J) HOSE WORM DRIVE SS SIZE 16 3/4 TO 1 1/2"	HG20 4001 40
2			EA	CLAMP (J) HOSE WORM DRIVE SS SIZE 28 1 3/8 TO 2 1/4"	HG20 4002 40
2			EA	CLAMP (J) HOSE WORM DRIVE SS SIZE 40 2 1/8 TO 3"	HG20 4003 40
2			EA	CLAMP (J) HOSE WORM DRIVE SS SIZE 52 2 7/8 TO 3 3/4"	HG20 4004 40
2			EA	CLAMP (J) HOSE WORM DRIVE SS SIZE 64 3 1/2 TO 4 1/2"	HG20 4005 40
3	4		EA	HOOK (J) SNAP EYE BTASS HALYARD	FA15 4000 40
1			LB	NAIL (J) COMMON 10D	FA20 4000 40

SHIPS 7-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
1			LB	NAIL (J) COMMON 16D	FA20 4001 40
1			LB	NAIL (J) COMMON 20 D	FA20 4003 40
2			EA	PADLOCK (J) COMBINATION RESETTABLE MASTER	HG45 4005 40
2			EA	PADLOCK (J) BRASS W/STL SHACKLE 1 1/2" <TC>	HG45 4002 40
2			EA	PADLOCK (J) BRASS W/STL SHACKLE 1 3/4" <TC>	HG45 4003 40

MISCELLANEOUS TOOLS

			EA	BLADE (J) HACKSAW H.S. STEEL 12"-14T	TL25 4009 40
			EA	BLADE (J) HACKSAW H.S. STEEL 12" 18T	TL25 4010 40
			EA	BLADE (J) HACKSAW H.S. STEEL 12" 24T	TL25 4030 40
			EA	BLADE (J) BAND SAW SANDVIK 5' 4-1/2" X 1/2" X .025" 18 TEETH	TL25 4033 40
			EA	BLADE (J) BAND SAW SANDVIK 5' 4-1/2" X 1/2" X .025" 24 TEETH	TL25 4034 40
1	1		EA	GUN (J) CAULKING CARTRIDGE TYPE	TL25 4011 40
			EA	HOSE (J) AIR 1" X 50' 250 LB.	PH13 4000 40
1	1		EA	HOSE (J) AIR 1/2" X 50' 250 LB.	PH13 4001 40
			EA	HOSE (J) AIR 3/4" X 50' 250 LB.	PH13 4002 40
			EA	DRIVER (J) NEEDLE #834045 FOR CLECO SCALER BC1	TL25 4026 40
			EA	HOLDER (J) NEEDLE #834046-5 FOR CLECO SCALER BC1	TL25 4027 40
			EA	NEEDLE (J) FOR CLECO SCALER BC1 7"	TL25 4025 40
			EA	BAR (J) PRY 60"	TL20 4005 40
			EA	SCALER (J) PNEUMATIC CLECO BC-1	TL10 4000 40
			EA	BUSHING (J) SCREEN #841553-1 FOR CLECO SCALER BC1	TL25 4028 40
			EA	SPRING (J) THROTTLE VALVE #832078-0 FOR CLECO SCALER	TL25 4029 40

MEASURING DEVICES

			EA	BOB (J) FOR CONSTRICTED PIPE STARRETT 515B	TL25 4035 40
	1		EA	BOB (J) OUTAGE FOR SOUNDING TAPE	TL25 4014 40
			EA	BOB (J) OUTAGE FOR SOUNDING TANK STARRETT 515F	TL25 4037 40
1			EA	TAPE (J) SOUNDING 30M STARRET C507MCB30 METRIC/ENGLISH	TL25 4016 40
1			EA	TAPE (J) SOUNDING REFILL 30 MTR	TL25 4017 40
			EA	BOB (J) TANK GAUGING BRASS OUTAGE 16 OZ	TL25 4019 40

SHIPS 7-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
	1		EA	TAPE (J) TANK GAUGING 15 METER REEL STARRETT C507MC	TL25 4038 40
	1		EA	TAPE (J) TANK GAUGING REFILL 15 METER STARRETT	TL25 4039 40
			EA	TAPE (J) RULE AUTOLOK 10FT 3M	TL25 4020 40
			EA	TAPE (J) RULE AUTOLOK 16FT 5M	TL25 4021 40
1			EA	TAPE (J) GAUGING 1/2" X 30M/100FT	TL25 4022 40

WELDING SUPPLIES

			FT	CABLE (J) FT WELDING 2/0 COPPER 50 FT	EL10 4006 40
			EA	CONNECTOR (J) CABLE WELDING NEOPRENE COVERED FEMALE	EL10 4007 40
			EA	CONNECTOR (J) CABLE WELDING NEOPRENE COVERED MALE	EL10 4008 40
			EA	LIGHTER (J) GAS TORCH FLINT	WS62 4000 40
			EA	FLINT (J) GASS TORCH LIGHTER	WS62 4001 40
			EA	CLEANER (J) GASS TORCH TIP	WS66 4000 40
			PAIR	GLOVE (J) WELDING LEATHER LONG SIZE LARGE	WS42 4000 40
			EA	HAMMER (J) CHIPPING SPRING HANDLE	WS14 4000 40
			EA	END (J) HOSE 1/4"X3/8" OXY & ACET	FT18 4003 40
			EA	LENS (J) REPL F/WELDING HOOD 2" X 4 1/2" CLEAR PROTECTIVE	WS46 4001 40
			EA	LENS (J) REPL F/WELDING HOOD 2" X 4 1/2" SHADE 10	WS46 4002 40
			EA	LENS (J) REPL F/WELDING HOOD 2" X 4 1/2" SHADE 12	WS46 4003 40
			EA	LENS (J) REPL F/GAS WELDING GOGGLES CLEAR	WS46 4004 40
			EA	LENS (J) REPL F/GAS WELDING GOGGLES SHADE 5	WS46 4005 40
			EA	LENS (J) REPLACEMENT, CLEAR 50MM #EL-GL	SE50 4003 40
			EA	LENS (J) REPLACEMENT SHADE #5 EL-FSH	SE50 4004 40
			EA	HELMET (J) WELDING FIBERGLASS LIFT FRONT WILLSON FC	WS30 4000 40

REFRIGERATION EQUIPMENT

			EA	LINE (J) CHARGING & TEST MANIFOLD 36" BLUE	TE40 4000 40
			EA	LINE (J) CHARGING & TEST MANIFOLD 36" RED	TE40 4001 40
			EA	LINE (J) CHARGING & TEST MANIFOLD 36" YELLOW	TE40 4002 40
			EA	LINE (J) CHARGING & TEST MANIFOLD W/3 36" COLOR CODED	TE40 4003 40
			EA	DETECTOR (J) HALIDE TORCH R12 LEAK	TE40 4005 40

SHIPS 7-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			

CORDAGE AND RIGGING SUPPLIES

1			RL	MANILA (J) 1"DIA 600' FOR LIFEBOATS	HW10 4000 40
1			RL	MANILA (J) 1/2" DIA 600'	HW25 4000 40
1			RL	MANILA (J) 1/4 DIA 1200'	HW25 4001 40
1	1		RL	MANILA (J) 3/8 DIA 600'	HW25 4002 40
1			RL	POLYPRO (J) 3/8" DIA 600' ORANGE	HW20 4003 40
1			RL	POLYPRO (J) 3/8" DIA 600' YELLOW	HW20 4004 40
1			RL	MANILA (J) 5/8 DIA 600'	HW25 4004 40
1			EA	CLOTH (J) DROP 9'X12' CANVAS	HM50 4001 40
			EA	FID (J) WOODEN 6"	RE74 4002 40
1			EA	PASTE (J) KOLOR KUT WATER FINDING	TE40 4007 40
			EA	MATLINE(J) TARRED	HM50 4002 40
6			EA	SHACKLE (J) SCREW PIN ANCHOR 1 INCH CROSBY G-209	HM10 4000 40
2	2		EA	SLING (J) NYLON WEB 2" X 6'	RE58 4000 40
2	2		EA	SLING (J) NYLON WEB 2" X 8'	RE58 4001 40
2			EA	SLING (J) WIRE ROPE 1/4 X 5'	RE58 4003 40
2			EA	SLING (J) WIRE ROPE 5/8 X 5'	RE58 4005 40

CLOTHING

6			EA	BOOT (J) RUBBER KNEE SIZE 10 (RED BALL)	CA15 4000 40
6			EA	BOOT (J) RUBBER KNEE SIZE 11 (RED BALL)	CA15 4001 40
6			EA	BOOT (J) RUBBER KNEE SIZE 12 (RED BALL)	CA15 4002 40
6			EA	BOOT (J) RUBBER KNEE SIZE 13 (RED BALL)	CA15 4003 40
6			EA	BOOT (J) RUBBER KNEE SIZE 8 (RED BALL)	CA15 4004 40
6			EA	BOOT (J) RUBBER KNEE SIZE 9 (RED BALL)	CA15 4005 40
			BX	COVERALL (J) EXTRA-LARGE, DISPOSABLE	CA25 4001 40
			BX	COVERALL (J) DISPOSABLE SIZE LARGE	CA25 4000 40
2			EA	COVERALL (J) HOODED F/CHEMICAL PROTECTION	CA25 4002 40
12			PR	GLOVES (J) COTTON WORK W/BLACK PVC DOTS WASHABLE GR	CA30 4006 40
2			EA	GLOVES (J) CHEMICAL RESISTANT SAFETY PRODUCTS "THE B	CA30 4007 40

SHIPS 7-DAY CONSUMABLE LIST

DEPARTMENT			UOM	DESCRIPTION	ITEM_ID
Deck	Engine	Steward			
2			EA	GLOVES (J) CHEMICAL XYLENE RESISTANT SILVER SHIELD GR	CA30 4008 40
3	1		DZ	GLOVE (J) COTTON WORK W/KNITWRIST #208	CA30 4000 40
2			EA	GLOVE (J) H.D. NEOPRENE SIZE 10 N36	CA30 4001 40
4		1	DZ	GLOVE (J) LEATHER PALM #122D	CA30 4002 40
2			EA	GLOVE (J) NEOP.CHEM./ACID RESISTANT #NL34M	CA30 4003 40
2		3	EA	GLOVE (J) RUBBER PLAYTEX LG. #8326	CA30 4005 40
2			EA	GLOVE (J) WELDER ALL LEATHER GAUNTLET #200	WS42 4001 40
2	2		EA	PAD (J) KNEE	CA15 4006 40
6	4		EA	SUIT (J) RAIN COMPLETE YELLOW LARGE RIVER CITY 200-3	CA20 4000 40
6			EA	SUIT (J) RAIN COMPLETE YELLOW MEDIUM RIVER CITY 200-3	CA20 4001 40
8	2		EA	SUIT (J) RAIN COMPLETE YELLOW XLARGE RIVER CITY 200-3	CA20 4003 40

APPENDIX 3

CAPE LAMBERT / CAPE LOBOS

BUNKERING PROCEDURES

HARD COPY ATTACHED

APPENDIX 4

MARAD / MSC / USCG / ABS

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471-5405
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Frank Syphax - Dir Trans.
John Gregov - MSC Rep. (x. 7618)

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Miss Maria Rollino

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Jerry Siztky

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Cynthia (5304), Kenyetta (5305)

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Del Osborne

011-44-71 355-5564

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011 968 701 291

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011-81-45-441-1179 (Emergency After Hours)

Fax: 011 81-45-4511646

Tlx: 072-3822178

MSCU DIEGO GARCIA

Contact: LCDR. Strother
Tlx: 9196901

This is a daylight only entry port. All entering and clearing done by MSC. No agent required.

MSCO OKINAWA (NAHA)

Contact: LCDR. Sykes
Via Yokohama Japan (Military Comms Only)

MSCO GK GUAM

Contact: LCDR. Harris
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Lt. Mike Hanson MSCPAC P.O.C.
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Rick Appling
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Tel: (805) 982-3288 or 3293

MSCO PEARL HARBOR

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MSCO BALBOA

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American Bureau of Shipping,

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U.S. Public Health Service, Quarantine

USPHS assigns local contractor for De-Rat

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FAX: (212) 466-1434

CANDIA SHIPPING (EGYPT) LTD
SENOUSSI BLDG.
38,EL GOHAR STR., PORT
SUEZ, EGYPT

(62) 220-539
66106 CNDIA UN

GIBRALTAR

Maritima Del Estraco
P.O. Box 439
Water Gardens
Block 2
Suite 13
Waterport
Gibraltar
45064)

Tel: 011-350-76697
Tlx: (831) 2140 Marit
Fax: 011-350-42839

Contact: Mr. N. Darby
Mr. J. Davis (350-

GUAM

Atkins Kroll Inc. Steamship
Suite 116, P.A.G. Building
1026 Cabras Highway
Piti, Guam 96925

Tel: 011 (671) 477-5921/5923/2611
Fax: 011 (671) 477-5924
Tlx: (721) 6133 AKSHIP GUAM

Contacts: Neil Tovey hm. 011 (671) 646-8256
cell: 687-0966
Rico Nery hm: 632-7021
687-2621
Eloyse

YOKOHAMA JAPAN

Sankyu Inc. Yokohama Branch
Agency Serton
NO. 50-2, Yamashita-Cho,
Naka-Ku, Yokohama Japan

Tel: 011 81-45-662-1039
Fax: 011 81-45-681-4703
Tlx: 781-3822127 SANYOK J

Contacts: Mr. K. Hashimoto
(Hm: 011 81-462-32-2005)
Mr. C. Takahasi
Hm: 011 81-45-261-7108

NAHA CITY OKINAWA

Kaiyo Shipping
Room 201 Koun Building
(16-4, 2-Chome, Minatomachi.
Naha-City
Naha, Okinawa, Japan.900

Tel: 011-81-988-64-2831/3
Fax: 011-81-988-64-2835
Tlx: (781) 795366 KYSHIP J

Contacts:
H. Hiranaka
011-81-98-867-0370
N. Tatetsu
011-91-98-858-5033

PUSAN SOUTH KOREA

Hyoopwoon Shipping Ltd.
13th Floor Yuchang Bldg.
25-2, 4-GA, Jungang-Dong, Chung-Ku,
P.O. Box 686
Busan, Korea

12th Floor Jungwoo Bldg.
60, Doryeom-Dong, Chongro-Ku
P.O. Box 152
Seoul, Korea

Tel: 011 82 51 463-5811/5
Fax: 011 82 51 463-6403/464-8785
Tlx: K53756 HWSHIP

Tel: 2 739-4731/5, 739-4741/5
Fax: 2 739-3159/738-8131
Tlx: K22313, K264484

Contacts: T.Y. Song - G.Mgr.
011 82 51 643-5516
J.Y. Paik
011 82 2 575-1287

K.S. Lee - G.Mgr.
011 82 2 583-2972

Y.H. Kim - Asst. M

POHANG, KOREA

Shimjin Maritime Co., Ltd.
100-5 Haedo-2-Dong, Nam-Ku
Pohang, Korea

Tel: 562 72-3162, 72-5204
Fax: 562 72-1718, 72-8711
Tlx: (787) 54354, 54326

Contact: D.M. Yoo (562) 44-5487
S.B. Ha (562) 44-9679

MINA RAYSUT, OMAN

Gulf Agency Company (Oman)
P.O. Box 19346
Salalah, Sultanate of Oman

Contacts: Mr. Alexander
Tel: (011) 968 292003

Tel: (011) 968 290405 / 294662
Fax: (011) 968 294827
Tlx: (926) 7647 ("GACSAL ON")

PANAMA/BALBOA

C. Fernie and Co. S.A.
290 Culebra Rd.
Ancan, Balboa
Republic of Panama
Attn: Operations

Contacts: Joe Joesph
Hm. 507 4452278

Abuzid
Hm. 507

Tel: 507 4451133
Fax: 507 4417504/4168 or 445-1724/1223
Tlx: (348) 8814/9211/8542
Balboa 3041

Roy Newall
Hm. 507 4421424
Rico Coulson
Hm. 507 4423150
Jerry Boden

SINGAPORE (9/95)

Jardine Shipping Agencies
1 Maritime Trade Centre #10-40
World Trade Centre (Lobby D)
Singapore 099253

Tel: 011 65 275-2788

Fax: 011 65 275-2733
Tlx: RS 24179 JARSHIP

Answering Service 24 HR: 011 65-7318909
RS 28950 JARSHIP

Contacts: Ong Choon Lim 2508373 Hm. Pager: 602-4645
Donald Toh 2540627 Hm. Pager: 512-5540
Goh T.K. 2871285 Hm. Pager: 303-6924
David Tan 7752205 Hm. Pager: 217-6616

DURBAN, SOUTH AFRICA

John T. Rennie and Sons (Mailing)
P.O. Box 1006
Durban 4000
Republic of South Africa

7th Floor
The Marine
22 Gardiner Street
Durban 4001
Republic of South Africa

Tel: 011 27 31 304-7965

Fax: 011 27 31 304-7341

Telex: (960) 622673

C. R. Bumberry (011 27 31 861-894)

Marine Mgr.

R. D. Edwards (011 27 31 466-3897) Ops Mgr.

Nelson Reddy (011 27 31 505-7884)

Ops. Super.

Hm: 011 44 91 237 2495

DUBAI UAE

The Kanoo Group
P.O. Box 290
Dubai, United Arab Emirates
Tel: 011- 521-525
Tlx: 45451 Kanoo EM

Gulf Agency Co.
P.O. Box 2404
Dubai, UAE
Tel: 011 971 445-7555
Fax: 971 445-7202
Tlx: 45448 and 45809
AOH: Abdul Latif 445-9885

Telex: 85047 a/b BURSHIP

DOMESTIC AGENCY LISTING

BAYONNE NEW JERSEY

InchCAPE Shipping Services
Southern Steamship Agency, Inc.
300 Harmon Meadow Blvd.
Fifth Floor
Secaucus, NJ 07094

Tel: (201) 866-6000
1528

866-9256
866-9356

Fax: (201) 866-9233
Tlx: 175932 LAVSHIPAG
140144

Contacts: John Picciolo, Ops Mgr.
Hm. (718) 948-4188 Mobile: (201) 207-

Ken Meehan, Port Mgr.
Hm. (516) 781-7259

Frank Carpellas, Boarding Agent
Hm. (908) 792-1146 (917) 354-2061

BEAUMONT TEXAS

InchCAPE Shipping Services
Suite 217
490 Park Street
Beaumont, TX 77701
Tel: 409-832-1262 (24 hr)
Tlx: 166543 SOUSABMT

Contacts:

Ken Smith

Hm: (409) 755-1164
Beeper: (409) 841-7120
Cell: (409) 781-3510

Polly Morris

Hm: (409) 724-2992
Beeper: (409) 841-7047
Cell: (409) 781-3340

Texas Commerce Bank
ABA # 113100253
ACCT# 772-632

Fax: 839-8505

Twx: 910-884-5142

Raymond Laird

Hm: (409) 755-0526
Beeper: (409) 841-7047
Cell: (409) 781-3340

J.B.

Hm: (409) 962-8567
Beeper: (409) 841-7067
Cell: (409) 781-2659

PORT OF BEAUMONT

1255 Main St. (Harbor Island Terminal)
Beaumont, TX 77701

Tel: (409) 835-5367

Contact: Kirby Anderson - Ops Mgr.

BEAUMONT CUSTOMS BROKER

Central Dispatch
3620 Naderland Ave.
Naderland, TX 77627

Contact: Mr. Hoss
(409) 722-3487

For shipping and customs bond
delivery of parts. Limo service.

CHARLESTON SOUTH CAROLINA

Cook and Anderson
P.O. Box 1364
Mt. Pleasant, SC 29465-1364

130 Chico Lane
Mt. Pleasant, SC 29464

Tel: (803) 881-0331
Tlx: None
Cell: (803) 870-0500 John
(803) 870-0501 Jim
(803) 870-0502 Larry

Contacts: John Cooke Fax: (803) 884-1086
(803) 884-8373 Hm.
Jim Anderson
(803) 889-8665 Hm.

PASCAGOULA MISSISSIPPI

InchCAPE Shipping Services
P.O. Box 1176
(3207 Magnolia St., Suite 312)
Pascagoula, MS 39568-1176 (39567)

Contacts: Kirk Polk

Tel: (601) 769-7411
Fax: (601) 762-3442
Tlx: 161847 or 49616796 INCH PULA

GULFPORT MISSISSIPPI

InchCAPE Shipping Services
East Pier Bananna Wharf
P.O. Box 1744
(East Pier/ Dole Terminal)
Gulfport, MS 39502

Contacts: Neal Sexton
Hm. (601) 896-3851

Tel: (601) 865-9122/2963
Fax: (601) 868-1229
Tlx: 6503331387 MCIUW

MOBILE ALABAMA

InchCAPE Shipping Services
P.O. Box 2965
(118 North Royal St., Suite 100)
Mobile, AL 36652

Contacts: Mike Walsh
Hm. (334) 342-3839
Cell. (334) 454-1502
Ted Pantallion
Hm. (334) 633-7914

Tel: (334) 432-6675/(334) 431-6319 (24hr.)
Fax: (334) 405-6501
Tlx: 160059 INCH MBL

HONOLULU HAWAII (AND ALL OTHER ISLANDS)

TransMarine Navigation - Honolulu
443 North Nimitz Highway
Honolulu, HI 96817

Contact:

David A Burrows
Home: (808) 595-6161
Mobile: (808) 225-5883
Pager: (808) 641-5668

Tel: (808) 599-5581 24 hr.
Fax: (808) 599-4177
Tlx: 7431196 TNCHI 7238000 TMN

Alternate

Norton Lilly Hawaii Inc.
608 Fort Street, Pier 10
Honolulu, HI 96813

Tel: (808) 544-0451
Fax: (808) 531-0858
Tlx: RCA 7238305 8305 DAVS HR
ITT 7430018 STEAM

Contacts: Fred Funakura
Off: (808) 544-0451
Cel: (808) 224-9294
Hm : (808) 262-8908

John
Off: (808) 544-0448
Beeper: (808) 576-3804
Hm : (808) 595-3922

HOUSTON TEXAS

InchCAPE Shipping Services
Southern Steamship
5005 Mitchelldale
Suite 186
Houston, TX 77092-7230

Tlx: 166311/166311 SOUSAHO UT
Fax: (713) 688-7260
Cable: SOUSA HOUSTON

Tel: (713) 956-0096 (24 hr.)

Contact: Louis Mangel (713) 523-8467 hm.
James Elkins (713) 448-6065 hm.
Bart Mills (713) 457-6098 hm.

PORT CANAVERAL FLORIDA (9/96)

Ambassador Services
99 George King Blvd.
P.O.Box 632
CAPE Canaveral, FL 32920

Tel: (407) 784-4646 24 Hr.
Fax: (407) 799-2067
Tlx: 49642763

Contacts: Donald Garver (Gen. Mgr.) (407) 459-0823 Hm.
Brian Hubert (Pres.) (407) 453-8357 Hm.
456-4411 Beeper\
543-5941 Mobile

SAVANNAH GA

Inchacpe Shipping Service
Ship Services
Georgia Ports Authority
Containerport Bldg., Rm. 123
JCT. Hwy. 17 and 307
Garden City, GA 31401

Tel: (912) 238-2832/2840
Fax: (912) 238-2071
Tlx: 160025 SOUSA SAV UT

Contacts: Dave Morgan (912) 897-5345 hm.
(912) 235-8016 pager
(912) 656-4193
Mike King (912) 748-2439 hm.
(912) 235-8015 pager
(912) 656-4190 cellular

WILMINGTON, NC

Wilmington Shipping Co.
330 Shipyard Blvd.
Wilmington, NC 28403-6336

Mailing Address:
P.O. Box 1809
Wilmington, NC 28402-1809

Tel: (910) 392-0200
(910) 392-8200
Tlx: 801221/801253
Fax: (910) 392-8247

Contacts: Griff Craig (Direct x. 8242)
(910) 763-9820 24 hr.
Gene Creech (Direct x. 8244)
Glen Thompson/Jim Porter

APPENDIX 5

PRIME AND SUBCONTRACTOR

CONTACT LIST

MARAD
APPROVED VENDOR LIST AS OF 12/14/01

SHIPYARDS
Baltimore Marine Industries
600 Shipyards Road
Baltimore, MD 21219
Tel: 410 477 8700
Fax: 410 477 8983
Colonna's Shipyard, Inc.
400 East Indian River Road
Norfolk, VA 23523
Wayne Hartwig
Ph: 757-545-2414
Fax:
Newport News Ship Building
4101 Washington Ave
Newport News, VA 23607
Tel: (757) 380 7277
Fax: (757) 380 3360
Cont: John Schoch Jr.
North Florida Shipyard
PO Box 3863
Jacksonville, FL 32206
Earl Truesdell
Fx: (904) 353-2665
Norshipco
750 West Berkely Ave
Norfolk, VA 23501-2100
Tel: (757) 494 4000
Fax: (757) 494 4030
Cont: Jim Leitman
Detyens Shipyards, Inc.
1670 Drydock Ave
N. Charleston, SC 29405-2121
Tel: (803) 884 2811
Fax: (803) 308 8059
Cont: Robert Bowers
TOWING COMPANIES
Moran Towing
109 Main Street
Norfolk, VA 23502
Tel: 757 625 6000
Fax: 757 625 0188

MARAD
APPROVED VENDOR LIST AS OF 12/14/01

Dick Qua
McAllister Towing
2600 Washington Ave
Newport News, VA 23607
Tel: 757 627 3651
Fax: 757 745 5836
Clayton Eley
Bay Towing
P.O Box 12477
Norfolk, VA 23502
Tel: 757 545-1689
Fax: 757 545-1242
Ray Robbins
Bay Gulf Towing
150 South Main Street
Norfolk, VA 23523
Tel: 757 494-1835
Fax: 757 194-1836
Mike Gerrity
VENDORS
OIL SPILL CLEAN UP
Industrial Marine Services
Norfolk, VA
Cont:
Tel: (757) 543-5718
Industrial Marine Service Inc
23 Stahl Point Road
PO Box 2740
Baltimore MD 21225
Robert Rutherford
Ph: 410-636-3800
Fax: 410-636-2811
A&A Environmental
5200 Raynor Ave.
Linthicum Heights, MD 21090
Craig Childress
Ph: 410-636-3700
Marpol Inc.
Norfolk, VA
Tel: (757) 494-7145
Petrochem Recovery Services

MARAD
APPROVED VENDOR LIST AS OF 12/14/01

Norfolk, VA
Tel: (757) 627-8791
Tidewater Environmental Assoc
Salisbury, MD
(410) 749 2045
Clean America
Baltimore, MD
Tel: (410) 354-0751
Clean ands Safe Tank Cleaning
Baltimore, md
Tel: (410) 584-7791
RESCUE OPERATIONS
MEDICAL ADVISORY
Medical Advisory Systems
8050 Southern Maryland Blvd.
Owings,MD 20736
Steve Devores
301-855-8070
GENERAL VENDORS
ABB Turbocharger
1460 Livingston Ave.
North Brunswick NJ 08902
Jane Karey
Ph:732-932-6063
Fx:732-932-6378
Adams Air & Hydraulic, Inc.
7209 E. Adamo Drive
Tampa, FL 33619
Alex Cullin
Ph: 800-282-4165
Fax: 813-664-0740
Admiral Marine Co., Inc.
181 Edgewater St.
Staten Island, NY 10305
Paul Zumbo
Ph: 718-720-9810
Fax: 718-981-8106
Air Centers of Florida
2730-9 Clydo Road
Jacksonville,FL 32207
Karen Copeland

MARAD
APPROVED VENDOR LIST AS OF 12/14/01

Ph: 448-0045
Fx:448-2057
Airline Hydraulics Corp
Expressway 95 Business Center
I-95 and Street Road
Bensalem, PA 19020
Rick Lundberg
Ph: 717-767-6466
Fax: 717-764-2147
Alfa Laval
955 Mearns Road
Warminster PA 18974
Chris Morganheira
Ph:215-443-4034
Fx:215-937-7689
American Ambulance & Transp.
PO Box 42117
Towson MD 21284-2117
Brian Little
Ph: 410-661-2766
Fx:410-661-0359
American Freightways
P.O. Box 406708
Atlanta, GA 30384
Ph: 800-218-6597
American Limousines Inc.
4401 E Fairmont Ave.
Baltimore MD 21224
Bob Gouge
Ph: 410-522-0400
Fx:410-522-0403
Ameron International
PO Box 192610
Little Rock, AR 72219-2610
Pam Crosswhite
Ph: 800-283-6627 ext. 267
Fax: 501-455-4096
AMJ Equipment Co.
PO Drawer 6320
Lakeland, FL 33807
Sales Dept.
Ph: 863-682-4500
Fx:863-687-0077
Anixter Wire

MARAD
APPROVED VENDOR LIST AS OF 12/14/01

915 South White
New Orleans , LA 70125
Larry
Ph: 504-465-5920
Fax: 504-465-5923
Aramark Uniform
PO Box 4855
Jacksonville,FL 32206
Patti
Ph: 904-463-1234
Fx:904-463-1234
Ashland Chemical Co Inc.
1 Drew Plaza
Boonton, NJ 07005
Diane Duffy
Ph: 973-263-7600
Fax: 973-263-4491
Atlantic Pacific
5150 SW 48th Way, Suite 610
Davie, FL 33314
Robert Arbezo
Ph: 954-584-4171
Fax: 954-584-5559
Atlantic Ultraviolet
375 Marcus Blvd
Hauppauge NY 11788
Greg Boehme
Ph:631-273-0500
Fx:631-273-0771
B&H Exchangers
Unit 9 Kilburn Dr
Seaview Industrial Estates
Horden Peterlee Co
Dorham SR84TO
Pat Ryan
Ph: 011-44-191-5866964
Fx:011-44-1915861334
Berman Brothers
P.O. Box 3065
Jacksonville, FL 32206
David Levine
Ph: 904-353-1092
Fax:904-632-2473
Besco, Inc.
6555 Trade Center Dr.

MARAD
APPROVED VENDOR LIST AS OF 12/14/01

Jacksonville,FL 32254
Robert Mans
Ph:904-783-4504
Fax: 904-783-6008
Best Battery Co., Inc.
401 Fleet Street
Baltimore MD 21224
Bruce
Ph: 410-342-8060
Fax: 410-327-1645
Bill Gomez & Associates
Po Box 398
Eaton Park, FL 33840-0398
Dan Blissett
Ph: 800-221-3233
Fx:863-666-2261
Blake & Pendleton
P.O. Box 101187
Atlanta, GA 30392
Richard Poner
Ph: 904-288-0105
Fax: 904-288-0902
Bretco Inc.
6231 Executive Blvd.
Rockville, MD 20852
Erik Kleiner
Ph: 301-770-1180
Fax: 301-231-0785
Bryant Sign
1705 E. Adams St.
Jacksonville, FL 32202
Tom Collier
Ph: 904-353-8455
Cameron & Barkley
10200 Alton Box Rd
Jacksonville FL 32218
Mark Knight
Ph: 904-757-0211
Fx: 904-757-9022
Capitol Finishes, Inc.
9600 Pulaski Park Dr. Ste 117
Baltimore MD 21220
Richard Gebhardt
Ph:410-686-8213
Fx:410-686-4809

MARAD
APPROVED VENDOR LIST AS OF 12/14/01

Cavalier Marine
PO Box 7310
Norfolk, VA 23509-0310
Jackie Foster
Ph: 757-855-6091
Fax: 757-857-5267
Centers for Disease Control
PO Box 15580
Atlanta, GA 30333
Centin LLC
1301 St. Patrick Hwy.
Thibodaux, LA 70301
Ricky Hotard
Ph:504-447-2050
Fx:504-446-9664
Chris Marine
732 Parker Street
Jacksonville FL 32202
George Bracket
Ph: 904-354-6566
Fx:904-358-7862
Classic Catering People
99 Painters Mill Road
Owings Mill, MD 21117
Debra Woodward
Ph: 410-356-1666
Fx:410-581-9358
Consolidated Rigging
P.O. Box 3235
Jacksonville, FL 32206
Randy Adkins
Ph: 904-965-7177
Fax: 904-765-2056
Cosplich Refrigeration
949 Industry Rd
Kenner LA 70062
Don Webb
Ph:504-725-0222
Fx:504-725-1564
Datrex
618 Talleyrand Avenue
Jacksonville, FL 32202
Rick Urtel
Ph: 904-355-1401

MARAD
APPROVED VENDOR LIST AS OF 12/14/01

Fax: 904-353-8269
Davis Group
1400 E Clement St.
PO Box 6309
Baltimore, MD 21230
Tedd Applegant
410-752-4268
DG International
1909 Meredith Road
Virginia Beach, Va 23455
Keith McHugh or Vu
Ph: 757-363-7415
Fax: 757-363-7416
Ecolab
PO Box 1354
Dorado PR 00646
Bill Marchant
Ph: 410-236-5842
Eddy & Stambaugh Inc.
1401 Woodall Street
Baltimore, MD 21230
Gary Stambaugh
Ph: 410-727-0193
Fax:
Electrical Mechanical Drives
5510 Phillips Highway Building 7
Jacksonville, FL 32207
Keith Jefferson
Ph:904-731-9977
Fax: 904-731-3279
Electrocatalytic
2 Milltown Court
Union, NJ 07083
Ph: 908-851-2277
Fax: 908-851-6906
Epperson & Co.
115 Watts St.
Jacksonville, FL 32204
Beverly or Charlotte
Ph: 904-781-3669
Fax: 904-781-5688
Exxonmobil
PO Box 8500 K-120
Philadelphia, PA 19178-0120

MARAD
APPROVED VENDOR LIST AS OF 12/14/01

Lanita Houston
Ph: 800-662-4524
Fax: 703-846-3089
Fisher Scientific
2000 Park Lane Dr.
Pittsburg, PA 15276
Janell Raab
Ph: 412-490-1263
Fax: 412-490-1205
Florida Detroit Diesel
P.O. Box 16595
Jacksonville, FL 32245
Mark/Ray
Ph: 904-737-7330
Fax: 904-733-5871
Freedom Controls
37-39 West Street
Easton, PA 18042
Charlie Smith
Ph: 888-872-4418
Fax: 888-872-4419
Fuel and Marine Marketing LLC
2000 Westchester Ave.
White Plains, NY 10650
Ph: 914-253-7908
Fax: 914-253-6319
Fuller Electric
6566 Commonwealth Ave.
Jacksonville, FL 32254
Buck Colvin
Ph: 904-781-4944
Fax: 904-786-4095
Fuji Trading
11836 Canon Blvd Ste 300
Newport News, VA 23606
Lester Catherine
Ph: 757-873-4110
Fax: 757-873-4123
Gascoyne Laboratories
2101 Van Deman St.
Baltimore, MD 21224
Gately Communications
1 T Cowles Road
Plainville, CT 06062

MARAD
APPROVED VENDOR LIST AS OF 12/14/01

Christine Dimaria
860-793-4360
Gerhardts, Inc.
PO Box 11885
Wilmington DE 19850
Fx:302-324-9520
Global Fire & Safety
2601 Adeline, Ste. 199
Oakland, CA 94607
Larry
Ph: 510-834-2323
Fax: 510-834-2326
Goltens New York
160 Van Brunt Street
Brooklyn, NY 11231
Armando Giachin
Ph: 718-855-7200
Fax: 718-802-1147
Graybar Electric
Po Box 1350
Jacksonville, FL 32201
Steve Van Order
Ph: 904-356-7611
Fx: 904-356-9199
Gustin Nautical
153 North 3rd Street
Philadelphia PA 19106
Brian
Fx:215-922-6244
Hamworthy KSE Inc
1418 Edwards Ave., Ste. B
New Orleans, LA 70123
Brandi Ryan
Ph: 504-734-5525
Fax: 504-734-5716
Harbor Tech Inc.
6410 Landay Ave.
Baltimore, MD 21237
Michael Ortt
Ph:410-325-7080
Fx:410-325-7080
Harris Fire Protection
7974 E Baltimore Street
Baltimore, MD 21224

MARAD
APPROVED VENDOR LIST AS OF 12/14/01

Steve Cieslar
Ph:410-282-7272
Fx:410-282-9377
HNG Spares
2816 Skimmer Point Dr. S.
St. Petersburg, FL 33707
Ian Wilson
Ph: 011-44-161-335-0812
Fax: 011-44-161-3350316
Honeywell Sensing & Control
100 Discovery Way
Acton, MA 01720
Annie Carreon
Ph:877-384-1300
Fx:978-266-0054
House of Balance
6340 Howard Lane
Elkridge, MD 21075
Sam Wittman
410-378-8336
Hydro numatics, Inc.
5745 Commerce St.
Jacksonville, FL 32211
Greg
Ph: 904-743-9057
Fax: 904-743-3967
Hyval Industries, Inc.
898 Widgeon Rd
Norfolk, VA 23513
Bill Truder
Ph: 757-855-2026
IMO Industries
P.O. Box 5020
Monroe, NC 28110
Bobbie Hilton
Ph: 704-289-6511
Fax: 704-291-20153
Ind Mar Industries
P.O. Box 3863
Jacksonville, FL 32206
Jack
Ph: 904-355-5421
Fax: 904-356-6028
Industrial Marine Service Inc

MARAD
APPROVED VENDOR LIST AS OF 12/14/01

23 Stahl Point Road
PO Box 2740
Baltimore MD 21225
Robert Rutherford
Ph: 410-636-3800
Fax: 410-636-2811
Ingersoll-Rand Co.
9100 M Yellow Brick Road
Baltimore,MD 21237
Dave
Ph:410-238-0542
Fax: 410-238-0574
Intoximeters, Inc.
8110 Lackland Rd
St. Louis MO 63114
Rankine Forrester
Fx:314-429-4170
ISO Bunkers
5353 E Princess Anne Rd Ste E
Norfolk, VA 23502
Jacksonville Specialty Advert.
6030 Arlington Exway
Jacksonville, FL 32211
Mandi
Ph: 904-398-7072
Fax: 904-398-8607
Jacksonville Truck Parts
150 North Ellis Road
Jacksonville, FL 32254
Ph: 904-781-4009
Fax: 904-781-0575
Jacksonville Paint
PO Box 41029
Jacksonville FL 32203
Ralph Atkins
Ph:355-5668
Fx:632-2176
Jenkins Electric
PO Box 32127
JJ Galleher Corp.
John Crane Lips
3617 Koppens Way
Chesapeake,VA
Ph:757-558-3625
Fx:757-558-3627

MARAD
APPROVED VENDOR LIST AS OF 12/14/01

Jo-Kell
6900 Phillips Highway
Jacksonville, FL 32216
Tony Cruz
Fx:206-8401
Jordan Stoyanoff
Apt. A2 13216 NE Salmon
Creek Ave.
Vanconver, WA 98686
Kauffman Electric
3400 Boston ST@ S Highland AV
Baltimore, MD 21224-5710
Mark Kauffman
Ph:410-276-4000
Fx:410-276-4007
Kerger Marine
4350 S Wayside Dr. #104
Houston TX 77087
Fx:800-328-3670
Kirst Pump
3322 E Florence Ave
Huntington Park, CA 90255
KJM Electric
1048 6th Avenue S
Seattle, WA 98134
KTR Corporation
PO Box 4543
Southbend IN 46634
Fx:219-872-9150
Lamp Sales
PO Box
Jacksonville FL
Bob
Ph:737-9292
Fx:737-4333
Liberty Equipment & Supply
4100 W. Marginal Way SW
Seattle, WA 98106
Liberty Marine
PO Box 43663
1859 Caravan Trail #110
Jacksonville FL

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Christy Deloach
Ph:695-2577
Fx:695-2484
Litton Marine Systems
1865 Industrial Blvd.
Harvey LA 70058
Ben Marcotte
Ph:504-328-9171
Fx:504-328-9855
Loadmaster International
2417 Mariner Square Loop Ste 125
Alameda, CA 94501
Loane Brothers
9601 Pulaski Park Dr Ste 401
Baltimore, MD 21220
Rob Lynch
Fx:410-686-1512
Lundberg Maryland Seamanship
PO Box 75 State Route 249
Piny Point MD 20674-0075
John Hetmanski
Ph:301-994-0010 Ex:5428
Fx:301-994-2319
M&S Marine
76 Alco Place
Baltimore, MD 21227
Fx:410-737-4852
M/V Marine
826 Talleyrand Ave.
Jacksonville FL
Mike Gurliacco
Ph:633-7992
Fx:633-7732
MacGregor USA, Inc.
PO Box 708
Pine Brook,NJ 07058
Mike Jamer
Mackay Marine/Communication
9126 Galveston Ave
Jacksonville, FL 32211
Main Industries, Inc.
PO Box 1848
Newport News, VA 23601

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Manning Electric
154 27th Street
Brooklyn, NY 11232
Danny
718-832-2493
Marine Designs & Operations
225 First Ave East
Roselle, NJ 07203
Michael Chang
Fx:408-252-1968
Marine Systems
116 Capital Blvd.
Houm, LA 70360
Mike Mullen
Ph:757-543-3000
Fx:888-543-3004
Marine Vacuum Service
Po Box 24263
Seattle, WA 98124
Martec International
910 Oak Tree Road
South Plainfield, NJ 07080
Ph:908-756-6222
Fx:908-756-2575
Maryland Monogram Products
91 Ritchie Highway
Pasadena MD 21122
Andy Zeller
Fx:410-544-8442
Maryland Nautical
PO Box 6309
Baltimore, MD 21230
Ph. 410-752-4268
Fax: 410-685-5068
Matrix Machine
1721 E Adams ST STE #1
Jacksonville FL 32202
Fx:904-633-6060
McMaster Carr
PO Box 740100
Atlanta, GA 30374-0100
Joanna
404-346-7000

MARAD
APPROVED VENDOR LIST AS OF 12/14/01

Middle East Consultants
Handelstregister HRA 76 893
Wendenstrabe 252
D 20537 Hamburg
Harald Schardt
Ph: 011-49-40-322083
Fax: 011-49-40-322085
Mobiltec Shiprepair
P O B 103165
D 28031 Bremen
West Germany
Mrs.Frenzel
Fx:011-49-421-327659
Motion Industries
PO Box 26939
Jacksonville, FL 32218
Betty Heers
Ph:757-5080; Fx:751-5045
MSC Industrial
151 Sunnyside Blvd.
Plainview, NY 11803
Denise
519-6002
Multimarine Services, Inc.
1111 Frankfurst Ave
Baltimore, MD 21226
Mike Bratcher
Ph:410-355-7012
Fx:410-354-5237
MV Marine Inc
826 Talleyrand Ave
Jacksonville,FL 32202
Mike Gurliaccio
633-7992
Mycom North America
3395 Farmtrail Road
York, PA 17402
Lewis Corne
Fx:717-779-0109
NAPA
1090 Haines Street
Jacksonville, FL 32206
Lisa
Fx:791-9465

MARAD
APPROVED VENDOR LIST AS OF 12/14/01

Norsafe
PO Box 115
N-4852 Faerick, Norway
Nortech Marine, Inc.
Ocean Safety & Supply Inc
PO Box 1677
Hightown, NJ 08520
Tom Calicchio
Ph:609-490-3400
Fx:609-490-5464
Parmatic Pollution Control Corp.
88 Ford Rd.
Denville, NJ 07834-1634
David Sward
Ph:973-586-9200
Fx:973-586-9297
Peltz Marine
PO Box 12596
Norfolk, Va 23541
Lewis Cannon
Ph:757-455-5159
Fx:757-455-5536
Pomeroy Computer Resource
Jacksonville, FL
(904) 565-2300 ext. 324
Julie Baker
Power & Pumps
PO Box 40129
803 North Myrtle Avenue
Jacksonville, FL 32203
Premier Engines
54 Clark Street
Welland Ontario
Canada L38 5-W6
Ian McCallum
Fx:905-788-3305
ProLogic Controls
3611 St Johns Bluff Rd.#5
Jacksonville,FL 32224
Donna Rattz
Ph:565-2424; Fx:565-2626
Protec, Inc.

MARAD
APPROVED VENDOR LIST AS OF 12/14/01

216 Lafayette Road
N. Hampton, NH 03862
Ph: 603-964-9421
Fax: 603-964-2271
Remedy Intelligent Staffing
144 Business Park DR 104
Virginia Beach, VA 23462
Gloria
Ph:757-490-8367
Fx:757-499-4713
Ring Power
PO Box 45022
Jacksonville FL 32232502
Bob Fisk
Ph:737-7730
Fx:281-2241
Riteway Laundry
2210 Phoenix Ave.
Jacksonville FL 32206
Ramona
Ph:353-7487
Rotating & Reciprocating Eq
4801 Troup Hwy. Ste. 101
Tyler, TX 75703
RS Stern
PO Box 8872
Baltimore, MD 21224
Alan Kotz
Ph. 410-342-7676
Fax: 410-206-2376
Safety Equipment, Inc.
5121 Bowden Road
Jacksonville, FL 32216
Helen
Ph:813-622-7554
Fx:813-626-8815
Saybolt
115 Avalon
Wilmington CA 90744
John Hein
Ph:713-477-8171
Fx:912-964-1165
Scallan & Co.
2059 Evergreen Avenue

MARAD
APPROVED VENDOR LIST AS OF 12/14/01

Jacksonville, FL 32206
Ron
356-8320
Scan Pacific Enter. (Norsafe)
611 Market Street #11
Kirkland WA 98033
Nicholas Hardaway
Ph:425-827-5185
Fx:425-827-7318
Seacoast Electronics
240 Tallyrand Ave.
Jacksonville, FL 32202
Art Thomas Jr.
Ph:355-0343
Fx:356-9088
Selig Chemical
PO Box 43106
Atlanta GA 30378
Ph:404-691-9220
Fx:404-691-5503
Semco Maritime Inc
3721 SW 47th Ave Ste 309
FT Lauderdale, FL 33314
Jens-Peter Hansen
Fx:954-321-6517
Ship Spares in Sweden
Skutholmsvagen, Stansvik
S-471 41 Ronnang, Sweden
Jerker Sandahl
011-46-304677070
Ship Supply of Florida Inc.
15065 NW 7th Avenue
Miami FL 33168
John Ellert
Fx:305-769-3502
Siemens Fire Safety
364 Dunks Ferry Road
Bensalem, PA 19020
Bill Lang
Fx:215-244-7974
Southeast Analytical
9951 Atlantic Blvd. Ste 410
Jacksonville FL 32225
Frank Risk

MARAD
APPROVED VENDOR LIST AS OF 12/14/01

Fx:727-6080
Southern Marine Chemist
PO Box 15098
Jacksonville FL 32239
Doyle Smith
Ph:721-7552; Fx:646-4383
Sperre Industrial
6057 Ellingsoy
Norway
Margareth Ness Sperre
Fx:011-47-7016-1110
Stevens Shipping & Terminal Co
Drawer CS 100586
Atlanta GA 30384-0586
John Roberts
757-3357
Strate Welding
29 South McDuff Avenue
Jacksonville FL 32205
Randy Freenau
Fx:388-5859
Swiss Diesel
1106 SE 10th Terrace
Deerfield Beach, FL 33441
Julie Jetzer
Fx:954-426-6990
Technico Marine Corp.
141 Beard Street Bldg 15
Brooklyn NY 11231
Jerry D'Arco
Fx:718-855-3754
Tecnico Corp.
4701 Belle Grove Rd.
Baltimore MD 21225
Torrance Diesel
PO Box 23723
Savannah, GA 31403
Bob Torrance
912-232-7004
Total Office Products
9456 Philips Hwy Suite 9
Jacksonville, FL 32256
Debbie

MARAD
APPROVED VENDOR LIST AS OF 12/14/01

260-0911
Union Maintenance Corp
54 Winant St
Staten Island NY 10303
Paul Kelly
Fx:718-442-5849
Unitor Ships Service
5937 South Loop East
Houston TX 77033
Sharon Casey
Fx:281-291-0888
US Office
10302 Deerwood Park Blvd.#100
Jacksonville FL 32256
Debbie Sohm
Ph:904-564-2000
Fx:904-564-2525
US Waste
938 Hall Park Rd.
Green Cove Springs, FL 32043
Vane Brothers
4209 Newgate Ave Pier 11
Baltimore MD 21224
Kevin Brophy
Ph:410-631-5157
Fx:410-631-5118
W&D Ship Deck
151 Levy Rd.
Atlantic Beach, FL 32233
I.B. Whitaker
Ph:246-3761, Fx:241-0844
W&O Supply
Box 3907
Jacksonville FL 32206-0907
Marv
Fx:610-586-8120
Wedeco Ideal Horizons Inc.
212 Ideal Way
Poultney,VT 05764
Elmer Hunter
Ph:919-777-6211
Fx:919-777-6300
Weedon Engineering

APPENDIX 6

MASTER'S SAFE COMBINATION

APPENDIX 6

MASTER'S SAFE COMBINATION

Cape Lobos

Cape Lambert

Master's Safe Combination and Gun Safe Combinations are attached in Sealed Envelopes.

APPENDIX 7

CAPE LAMBERT AND CAPE LOBOS

VESSEL KEY LIST

CAPE LOBOS KEY LIST

Key No.	Key Identification	Key No.	Key Identification
1	Bridge Entry	2.	Radio Room
3.	Radio Spares	4.	Pilot Room
5.	Navigation Bridge Ladder well	6.	Bridge Deck. Ladder Well
7.	Port Cadet	8.	Chief Engineer Entry
9.	Chief Engineer Day Room	10.	Chief Engineer Bedroom
11	Chief Engineer Office	12.	Ships Office
13.	Master Entry	14.	Master day Room Entry
15.	Master Bedroom	16.	Hospital Entry
17.	Clean Gear Lkr. Brg. Dk. Stbd.	18.	Stbd. Cadet
19.	Reserve	20.	Linen Locker Bridge Dk. Port
21.	2 ND . Assistant Engineer	22.	1 St . Assistant Eng. Bedroom
23.	1 St . Assistant Eng. Office	24.	3 Rd . Eng., Boat Dk. Port
25.	Radio Officer	26.	Chief Mate Office
27.	Chief Mate Bedroom	28.	Linen Stationery Locker
29.	W.C. Bridge. Dk. Stbd.	30.	2 ND . Mate
31.	Boat Dk. Fwd. Ladder Well	32.	Baggage Locker
33.	Officer Rec. Room Fwd.	34.	Bosun
35.	DeMac	36.	3 Rd . Asst. Cadet Poop Dk. C/L
37.	3 Rd . Asst. Poop Deck. Port	38.	Bagage Locker. Poop Deck
39.	Chief Stewart	40.	Crew Mess
41.	Galley Forward	42.	Reserved
43.	Dispensary	44.	Hospital Bedroom
45.	Laundry (Empty)	46.	Clean Gear Lkr. Poop Dk. Port
47.	Linen Locker Poop Dk. Port	48.	Petty Officer Mess
49.	Stewards Office	50.	Poop Dk. Fwd. Ladder Well
51.	Reserved	52.	Co-2 Room
53	Linen Lkr. Poop Dk. Fwd.	54.	Scullery
55.	Galley Head	56.	Poop Dk. Ladder well Aft.
57.	Officer Mess Aft.	58.	Officer Pantry
59.	3 Rd . Mate Poop Deck Stbd.	60.	Reserved
61.	Reserved	62.	Reserved
63.	Ramp Control Room Aft.	64.	GVA Upper Stbd. Aft.
65.	8-12 AB Aft.	66.	8-12 AB Fwd.
67.	Upper Passage Way Fwd.	68.	W.C. Port fwd. (MATS)
69.	4-8 AB Port Outboard	70.	4-8 AB Inboard
71.	12-4 AB Port	72.	12-4 AB Stbd.
73.	Chief Cook	74.	Laundry (Lock Plugged)
75.	Cleaning Gear Lkr. Upper C/L	76.	Oiler
77.	Engine Change Rm. Laundry	78.	Engine Room Upper Fwd.
79.	Oiler No. 2	80.	Oiler No. 3
81.	Wiper	82.	Utility Fwd.
83.	Utility Aft.	84.	Oiler Aft. Stbd.
85.	Upper Deck Aft. Psg. Way Aft	86.	Reserved

APPENDIX 8

CAPE LAMBERT AND CAPE LOBOS

CERTIFICATES LIST AND EXPIRY

APPENDIX 9

CAPE LAMBERT AND CAPE LOBOS

TANK SOUNDINGS

Ship Reference Data							Soundings						Computations				
Tank Information				Sounding Tube Information			Soundings By: Tabianag / Koch						Calculations By: E. Fields				
Tank Type (see code)	Tank Number	Service/Use	Frame Numbers	Location Frame-Side-Deck	Name of Space	Design Length Ft/In	Sounding Tube Measured Length Ft/In	Ullage Ft/In	Innage Ft/In	Oil Innage Ft/In	Water Innage Ft/In	Observed Contents of Tank (see code)	Total Barrels	Total Long Tons (LT)	Total Water (LT)	Total Oil (LT)	
DT	Fore Peak	Ballast	211 - Stem	Fr 211-CL-Upper	Forecastle	*See Remarks	55' 7"	55' 7"	0	0	0	MT	0	0	0	0	
DT	Port Upper	Ballast	193 - 211	194-Port-Upper	Paint Locker	*See Remarks	28' 7"	28' 7"	0	0	0	MT	0	0	0	0	
DT	Forward Deep	Ballast	193 - 205	194-Stbd-Main	Cargo Hold	*See Remarks	42' 7"	0' 9"	41' 10"	0	41' 10"	H2O	3961.3	618	618	0	
DT	Forward Hold	Ballast	178 - 193	192-Port-Tween	#1 Cargo Hold	*See Remarks	23' 11"	3' 3"	20' 8"	0	20' 8"	H2O	3859	602	602	0	
DB	1 Port	Ballast	154 - 178	154-Port-Tank Top	#1 Cargo Hold	*See Remarks	7' 2"	2' 9"	4' 5"	0	4' 5"	H2O	771.6	120	120	0	
DB	1 Starboard	Ballast	154 - 178	154-Stbd-Tank Top	#1 Cargo Hold	*See Remarks	7' 2"	3' 0"	4' 2"	0	4' 2"	H2O	756.4	118	118	0	
DB	2 Port	Ballast	120 - 154	120-Port-Tank Top	#2 Cargo Hold	*See Remarks(1)	7' 2"	0	7' 2"	0	7' 2"	H2O	1628.1	254	254	0	
DB	2 Center	Ballast	120 - 154	120-CL-Tank Top	#2 Cargo Hold	*See Remarks	7' 2"	2' 5"	4' 9"	0	4' 9"	H2O	1115.3	174	174	0	
DB	2 Starboard	Ballast	120 - 154	120-Stbd-Tank Top	#2 Cargo Hold	*See Remarks	7' 2"	2' 6"	4' 8"	0	4' 8"	H2O	1628.1	254	254	0	
DB	3 Port	Ballast	80 - 120	80-Port-Tank Top	#3 Cargo Hold	*See Remarks(1)	7' 2"	0	7' 2"	0	7' 2"	H2O	2237.1	349	349	0	
DB	3 Center	Ballast	80 - 120	80-CL- Tank Top	#3 Cargo Hold	*See Remarks	7' 2"	2' 8"	4' 6"	0	4' 6"	H2O	1314	205	205	0	
DB	3 Starboard	Ballast	80 - 120	80-Stbd-Tank Top	#3 Cargo Hold	*See Remarks	7' 2"	2' 3"	4' 11"	0	4' 11"	H2O	2237.1	349	349	0	
DB	4 Port	Ballast	40 - 80	47-Port-Tank Top	#4 Cargo Hold	*See Remarks	7' 11"	3' 11"	4' 0"	0	4' 0"	H2O	1801.2	281	281	0	
DB	4 Center	Ballast	40 - 80	47-CL-Tank Top	#4 Cargo Hold	*See Remarks	7' 5"	2' 6"	4' 11"	0	4' 11"	H2O	1301	203	203	0	
DB	4 Starboard	Ballast	40 - 80	47-Stbd- Tank Top	#4 Cargo Hold	*See Remarks	7' 9"	3' 5"	4' 4"	0	4' 4"	H2O	1839.7	287	287	0	
DT	Eng. Rm. Tk.	Ballast	11 - 17	18-CL-Tween Dk	Engine Room	*See Remarks	24' 1"	5' 3"	18' 10"	0	18' 10"	H2O	769.2	120	120	0	
DT	After Peak	Ballast	Stern - 11	12-CL-Main Dk.	After Ramp area	*See Remarks(2)	35' 10"	9' 5"	26' 5"	0	26' 5"	H2O	1519.1	237	237	0	
SR	Chain Lkr.	Anchor Chn.	205-209	209 Upper	Forecastle	*See Remarks	25' 6"	25' 6"	0	0	0	MT	0	0	0	0	
												SUB TOTAL		26738.2	4171	4171	0
Tank Type Codes :		Notes:					Observed Contents Codes:					Remarks:					
DT = Deep Tank		1. Use the codes listed to best describe the line item .					H2O = Water (Fresh or Salt)					1) DB's 2 Port and 3 Port are pressed up with H2O shooting out of sounding tube when opened up.					
ST = Settling Tank		2. For sounding tubes that are "Blocked" mark the column for sounding tube length with the word "BLOCKED".					HFO = Heavy Fuel Oil					2) The water in the after peak has also been treated with 40 percent propylene glycol for freeze protection down to 0 degrees Fahrenheit.					
PT = Peak Tank							DFO = Diesel or Light Fuel Oil					NOTE: All ballast onboard is fresh water treated with sodium silicate corrosion inhibitor at a concentration of 1 liter per 10 tons of water.					
SR = Service Tank							LUB = Lubricating Oil					* Design length sounding tube information not available.					
WT = Wing Tank							HYD = Hydraulic Oil										
DW = Drain Well							MT = Empty										
CD = Coffer Dam							SLG = Sludge										
CS = Contaminated Tank							AFF = Antifreeze										
HT = Holding Tank							MUD = Mud Ballast										
DB = Double Bottom																	

Ship Reference Data							Soundings						Computations				
Tank Information				Sounding Tube Information			Soundings By: Tabianag / Koch						Calculations By: E. Fields				
Tank Type (see code)	Tank Number	Service/Use	Frame Numbers	Location Frame-Side-Deck	Name of Space	Design Length Ft/In	Sounding Tube Measured Length Ft/In	Ullage Ft/In	Innage Ft/In	Oil Innage Ft/In	Water Innage Ft/In	Observed Contents of Tank (see code)	Total Barrels	Total Long Tons (LT)	Total Water (LT)	Total Oil (LT)	
DT	Port Upper Aft Peak	Ballast	Stern - 5	1-Port-Upper Dk	Fantail	*See Remarks	17' 4"	17' 4'	0	0	0	MT	0	0	0	0	
DT	Stbd. Upper Aft Peak	Ballast	Stern - 5	1-Stbd-Upper	Fantail	*See Remarks	17' 4"	17' 4"	0	0	0	MT	0	0	0	0	
DT	Mdship Tk.P	Ballast	114-120	115-Port-Upper	Weather Deck	*See Remarks	32' 7"	16' 5"	16' 2"	0	16' 2"	H2O	926.2	145	145	0	
DT	Port Bunker	Fuel Oil	27 - 46	45-Port-Main	Cargo Hold	*See Remarks	39' 7"	11' 10"	27' 9"	27' 9"	0	DFO	1463	191	0	191	
DT	Stbd Bunker	Fuel Oil	35 - 46	45-Stbd-Upper	Weather Deck	*See Remarks	58' 5"	46' 11"	11' 6"	11' 6"	0	DFO	566.9	74	0	74	
SR	Day Tank	Fuel Oil	40 - 46	NO TUBE	Engine Rm	*See Remarks(1)	Pneumatic Guage	N/A	11' 10"	11' 10"	0	DFO	439.7	57.4	0	57.4	
ST	Port Settler	Fuel Oil	37 - 40	NO TUBE	Engine Rm	*See Remarks(1)	Pneumatic Guage	N/A	11' 4"	11' 4"	0	DFO	196.1	25.6	0	25.6	
ST	Stbd Settler	Fuel Oil	37 - 40	NO TUBE	Engine Rm	*See Remarks(1)	Pneumatic Guage	N/A	6' 4"	6' 4"	0	DFO	119.5	15.6	0	15.6	
WT	Aft Bunker D.O. Inner	Fuel Oil	11 - 20	19-Port-Main	Cargo Hold	*See Remarks	15' 2"	14' 11"	0' 3"	0' 3"	0	DFO	3.8	0.5	0	0.5	
ST	Port D.O. Inner	Fuel Oil	11 - 17	11-Cargo Hold	Cargo Hold	*See Remarks	21' 7"	21' 7"	0	0	0	MT	0	0	0	0	
SR	Stbd D.O. Inner	Fuel Oil	11 - 17	11-Cargo Hold	Cargo Hold	*See Remarks(2)	Visual Insp.	N/A	0	0	0	MT	0	0	0	0	
ST	D.O. Out Port	Fuel Oil	11 - 17	11-Port-Main	Refrigeration Flat	*See Remarks	26' 5"	26' 5"	0	0	0	MT	0	0	0	0	
ST	D.O. Out Stbd	Fuel Oil	11 - 17	16-Stbd-Main	Refrigeration Flat	*See Remarks	26' 5"	26' 5"	0	0	0	MT	0	0	0	0	
WT	Roll Tk Upper Cont.	Ballast	114-120	115-Port-Upper	Weather Deck	*See Remarks	37' 4"	16' 4"	21' 0"	0	21' 0"	H2O	1585	241	241	0	
WT	Roll Tk Lower Cont.	Ballast	114-120	115-Port-Upper	Weather Deck	*See Remarks	54' 3"	15' 11"	38' 4"	0	38' 4"	H2O	1519	237	237	0	
WT	Ball. Roll Tk Upper W/Out	Ballast	114-120	115-Port-Upper	Weather Deck	*See Remarks	37' 4"	16' 4"	21' 0"	0	21' 0"	H2O	3283	513	513	0	
WT	Ball. Roll Tk Lower W/Out	Ballast	114-120	115-Port-Upper	Weather Deck	*See Remarks	54' 3"	16' 3"	38' 0"	0	38' 0"	H2O	2808	438	438	0	
												SUB TOTAL		12910.2	1938.1	1574	364.1
Tank Type Codes : DT = Deep Tank ST = Settling Tank PT = Peak Tank SR = Service Tank WT = Wing Tank DW = Drain Well CD = Coffor Dam CS = Contaminated Tank HT = Holding Tank DB = Double Bottom		Notes: 1. Use the codes listed to best describe the line item . 2. For sounding tubes that are "Blocked" mark the column for sounding tube length with the word "BLOCKED".					Observed Contents Codes: H2O = Water (Fresh or Salt) HFO = Heavy Fuel Oil DFO = Diesel or Light Fuel Oil LUB = Lubricating Oil HYD = Hydraulic Oil MT = Empty SLG = Sludge AFF = Antifreeze MUD = Mud Ballast					Remarks: 1) These soundings were taken directly off a pneumatic guage. Control air must be available. 2) Cannot find a sounding tube for this tank. Tank top was removed and sounded there. NOTE: All ballast onboard is fresh water treated with sodium silicate corrosion inhibitor at a concentration of 1 liter per 10 tons of water. * Design length sounding tube information not available.					

Ship Reference Data				Soundings									Computations			
Tank Information				Sounding Tube Information			Soundings By: Tabianag / Koch						Calculations By: E. Fields			
Tank Type (see code)	Tank Number	Service/Use	Frame Numbers	Location Frame-Side-Deck	Name of Space	Design Length Ft/In	Sounding Tube Measured Length Ft/In	Ullage Ft/In	Innage Ft/In	Oil Innage Ft/In	Water Innage Ft/In	Observed Contents of Tank (see code)	Total Barrels	Total Long Tons (LT)	Total Water (LT)	Total Oil (LT)
DT	F.W. Tk Port	Fresh Wtr	5 - 11	12-CL-Poop	Aft of Galley	*See Remarks	*Visual Insp.	N/A	0	0	0	MT	0	0	0	0
DT	F.W.Tk Stbd	Fresh Wtr	5 - 11	12-CL-Poop	Aft of Galley	*See Remarks	*Visual Insp.	N/A	0	0	0	MT	0	0	0	0
DB	Non-Potable Dirty LO	Fresh Wtr	27 - 37	30-Stbd-Tank Top	Weather Deck	*See Remarks	19' 2"	19' 2"	0	0	0	MT	0	0	0	0
HT	Sludge Tk. FO Overflow	Sludge Tk	27-37	30-Port-Tank Top	Engine Rm	*See Remarks	14' 0"	12' 1"	1' 11"	1' 11"	0	LUB	21	3	0	3
HT	Tk. Dirty LO Stor.	HFO	38-40	40-CL-Tank Top	Engine Rm	*See Remarks	13' 2"	13' 2"	0	0	0	MT	0	0	0	0
HT	Tk. Gearbox LO	LO	18-22	22-Tank Top	Engine Rm	*See Remarks	Sight Glass	N/A	0	0	0	MT	0	0	0	0
HT	Stor. Tk. SS Gen. LO	LO	18-22	22-Tank Top	Engine Rm	*See Remarks	Sight Glass	N/A	2' 0"	2' 0"	0	LUB	14.3	2	0	2
HT	Stor. Tk. Mn. Eng. LO	LO	18-22	22-Tank Top	Engine Rm	*See Remarks	Sight Glass	N/A	2' 8"	2' 8"	0	LUB	22.3	3.2	0	3.2
HT	Stor. Tk. Mn. Eng.	LO	18-22	22-Tank Top	Engine Rm	*See Remarks	Sight Glass	N/A	1' 6"	1' 6"	0	LUB	12.4	1.8	0	1.8
HT	Recharge Tk. Mn. Eng. LO	LO	18-22	22-Tank Top	Engine Rm	*See Remarks	Sight Glass	N/A	0' 8"	0' 8"	0	LUB	3.5	0.5	0	0.5
SR	Sump Port	LO	27-37	37-Port-Tank Top	Engine Rm	*See Remarks	10' 1"	6' 3"	3' 10"	3' 10"	0	LUB	52.9	7.6	0	7.6
SR	Mn. Eng. LO Sump Stbd.	LO	27-37	37-Stbd.-Tank Top	Engine Rm	*See Remarks	10' 1"	6' 8"	3' 5"	3' 5"	0	LUB	52.9	7.6	0	7.6
CD	Fresh Wtr Tk	Fresh Wtr	35-37	37-Stbd-Eng Rm	Engine Rm	*See Remarks(1)	12' 11"	7' 5"	5' 6"	0	5' 6"	H2O	See (1)	See (1)	See (1)	See (1)
CD	Void Tk	Cofferdam	27-37	37-CL-Eng Rm	Engine Rm	*See Remarks	14' 10"	14' 10"	0	0	0	MT	0	0	0	0
DW	# 1 Bilgewell Port	Cargo Hold	154-178	154 Port	Weather Deck	*See Remarks	62' 5"	62' 5"	0	0	0	MT	0	0	0	0
DW	# 1 Bilgewell Stbd	Cargo Hold	154-178	154 Stbd	Weather Deck	*See Remarks	60' 11"	60' 11"	0	0	0	MT	0	0	0	0
DW	# 2 Bilgewell Port	Cargo Hold	120-154	120 Port	Weather Deck	*See Remarks(2)	59' 5'	59' 2"	0' 3"	0	0' 3"	H2O	See (2)	See (2)	See (2)	See (2)
												Sub Total	179.3	25.7	0	25.7
Tank Type Codes : DT = Deep Tank ST = Settling Tank PT = Peak Tank SR = Service Tank WT = Wing Tank DW = Drain Well CD = Cofferdam CS = Contaminated Tank HT = Holding Tank DB = Double Bottom		Notes: 1. Use the codes listed to best describe the line item. 2. For sounding tubes that are "Blocked" mark the column for sounding tube length with the word "BLOCKED".				Observed Contents Codes: H2O = Water (Fresh or Salt) HFO = Heavy Fuel Oil DFO = Diesel or Light Fuel Oil LUB = Lubricating Oil HYD = Hydraulic Oil MT = Empty SLG = Sludge AFF = Antifreeze MUD = Mud Ballast				Remarks: 1) Have no capacity tables for this cofferdam. 2) This water is in the cargo hold drain well only, with an accumulation of less than ten gallons. NOTE: All ballast onboard is fresh water treated with sodium silicate corrosion inhibitor at a concentration of 1 liter per 10 tons of water. * Design length sounding tube information not available.						

Vessel Name: Cape Lobos _

James River Reserve Fleet Tank Soundings and Draft Readings

Draft: Forward :16'9"

Date Soundings Taken: 11/28/99

Aft:19'2"

Trim: 2'5"

Ship Reference Data						Soundings						Computations				
Tank Information			Sounding Tube Information			Soundings By: Savage / Harrison						Calculations By: E. Fiel				
Tank Type (see code)	Tank Number	Service/Use	Frame Numbers	Location Frame Side-Deck	Name of Space	Sounding Tube Measured Length Ft/In	Ullage Ft/In	Innage Ft/In	Oil Innage Ft/In	Water Innage Ft/In	Observed Contents of Tank (see code)	Total Barrels	Total Long Tons (LT)	Total Water (LT)	Total Oil (LT)	
DT	Fore Peak	Ballast	211 - Stem	Fr 211-Cl-Upper	Forecastle	59' 6"			0	29' 4"	H2O	2115	330	330	0	
DT	Port Upper	Ballast	193 - 211	194-Port-Upper	Paint Locker	16' 6"			0	11' 0"	H2O	1006	157	157	0	
DT	Forward Deep	Ballast	193 - 205	194-Stbd-Main	Cargo Hold	43' 0"			0	26' 0"	H2O	2600	405	405	0	
DT	Forward Hold	Ballast	178 - 193	192-Port-Tween	#1 Cargo Hold	* See Remarks	*PRESSED		0	21' 07"	H2O	3859	602	602	0	
DB	1 Port	Ballast	154 - 178	154-Port-Tank Top	#1 Cargo Hold	7' 0"	*PRESSED		0	4' 3"	H2O	769	120	120	0	
DB	1 Starboard	Ballast	154 - 178	154-Stbd-Tank Top	#1 Cargo Hold	7' 0"			0	3' 10"	H2O	731	114	114	0	
DB	2 Port	Ballast	120 - 154	120-Port-Tank Top	#2 Cargo Hold	7' 0"	*PRESSED		0	4' 3"	H2O	1635	255	255	0	
DB	2 Center	Ballast	120 - 154	120-CL-Tank Top	#2 Cargo Hold	7' 0"			0	4' 2"	H2O	1122	175	175	0	
DB	2 Starboard	Ballast	120 - 154	120-Stbd-Tank Top	#2 Cargo Hold	7' 0"			0	3' 11"	H2O	1570	245	245	0	
DB	3 Port	Ballast	80 - 120	80-Port-Tank Top	#3 Cargo Hold	7' 0"			0	4' 9"	H2O	2244	350	350	0	
DB	3 Center	Ballast	80 - 120	80-CL- Tank Top	#3 Cargo Hold	7' 0"			0	4' 8"	H2O	1314	205	205	0	
DB	3 Starboard	Ballast	80 - 120	80-Stbd-Tank Top	#3 Cargo Hold	7' 0"			0	4' 1"	H2O	2244	350	350	0	
DB	4 Port	Ballast	40 - 80	47-Port-Tank Top	#4 Cargo Hold	7' 0"			0	4' 2"	H2O	1833	286	286	0	
DB	4 Center	Ballast	40 - 80	47-CL-Tank Top	#4 Cargo Hold	7' 0"			0	4' 8"	H2O	1301	203	203	0	
DB	4 Starboard	Ballast	40 - 80	47-Stbd- Tank Top	#4 Cargo Hold	7' 1"			0	4' 4"	H2O	1840	287	287	0	
DT	Eng. Rm. Tk.	Ballast	11 - 17	18-CL-Tween Dk.	Engine Room	23' 10"			0	21' 1"	H2O	872	136	136	0	
DT	After Peak	Ballast	Stern - 11	12-CL-Main Dk.	After Ramp area	39' 1"			0	19' 4"	H2O	340	53	53	0	
											SUB TOTAL		27395	4273	4273	0
Tank Type Codes: DT = Deep Tank ST = Settling Tank PT = Peak Tank SR = Service Tank WT = Wing Tank CT = Cargo Tank CD = Coffor Dam CS = Contaminated Tank HT = Holding Tank DB = Double Bottom		Notes: 1. Use the codes listed to best describe the line item . 2. For sounding tubes that are "Blocked" mark the column for sounding tube length with the word "BLOCKED".				Observed Contents Codes: H2O = Water (Fresh or Salt) HFO = Heavy Fuel Oil DFO = Diesel or Light Fuel Oil LUB = Lubricating Oil HYD = Hydraulic Oil BLG = Oily Bilge Water SLG = Sludge AFF = Antifreeze MUD = Mud Ballast				Remarks: 1) All ballast onboard is fresh water treated with sodium silicate corrosion inhibitor at a concentration of 1 liter per 10 tons of water. 2) The water in the after peak has been treat with 40 percent propylene glycol for freeze protection down to 0 degrees Fahrenheit. 3) The <u>Forward Hold Tank</u> is pressed up, unable to remove tube cap. 4) DB's 1 Port & 2 Port are pressed up. 5) Visual Insp. means tank was looked at through inspection cover or sight glass to determine contents.						

Vessel Name: Cape Lobos _

James River Reserve Fleet Tank Soundings and Draft Readings

Draft: Forward :16'9"

Date Soundings Taken: 11/28/99

Aft:19'2"
Trim: 2'5"

Ship Reference Data						Soundings						Computations				
Tank Information			Sounding Tube Information			Soundings By:						Calculations By:				
Tank Type (see code)	Tank Number	Service/Use	Frame Numbers	Location Frame-Side-Deck	Name of Space	Sounding Tube Measured Length Ft/In	Ullage Ft/In	Innage Ft/In	Oil Innage Ft/In	Water Innage Ft/In	Observed Contents of Tank (see code)	Total Barrels	Total Long Tons (LT)	Total Water (LT)	Total Oil (LT)	
DT	Port Upper Aft Peak	Ballast	Stern - 5	1-Port-Upper Dk	Fantail	17' 3"			0	1' 0"	H2O	160	25	25	0	
DT	Stbd Upper Aft Peak	Ballast	Stern - 5	1-Stbd-Upper	Fantail	17' 3"			0	3' 2"	H2O	532	83	83	0	
DT	Midship Tk.	Ballast	114-120	115-Port-Upper	Weather Deck	51' 1"			0	0	EMPTY	0	0	0	0	
DT	Port Bunker	Fuel Oil	27 - 46	45-Port-Main	Cargo Hold	40' 6"			36' 6"	0	DFO	1815	237	0	237	
DT	Stbd Bunker	Fuel Oil	35 - 46	45-Stbd-Upper	Weather Deck	58' 2"			34' 9"	0	DFO	2306	301	0	301	
SR	Day Tank	Fuel Oil	40 - 46	NO TUBE		*Visual Insp.			0	0	EMPTY	0	0	0	0	
ST	Port Settler	Fuel Oil	37 - 40	NO TUBE		*Visual Insp.			0	0	EMPTY	0	0	0	0	
ST	Stbd Settler	Fuel Oil	37 - 40	NO TUBE		*Visual Insp.			0	0	EMPTY	0	0	0	0	
WT	Aft Bunker	Fuel Oil	11 - 20	19-Port-Main	Cargo Hold	14' 11"			0	0	EMPTY	0	0	0	0	
ST	D.O. Settler	Fuel Oil	11 - 17	NO TUBE		*Visual Insp.			0	0	EMPTY	0	0	0	0	
SR	D.O. Day	Fuel Oil	11 - 17	NO TUBE		*Visual Insp.			0	0	EMPTY	0	0	0	0	
ST	D.O. Port Out	Fuel Oil	11 - 17	11-Port-27' 6"	Refrigeration Fla	10' 1"			0	0	EMPTY	0	0	0	0	
ST	D.O. Stbd Out Upper Cont.	Fuel Oil	11 - 17	16-Stbd-Main	Starboard garage	14' 6"			0' 2"	0	DFO	8	1	0	1	
WT	Roll Tk Lower Cont.		114-120	115-Port-Upper	Weather Deck	49' 0"			0	0' 11"	H2O	2808	438	438	0	
WT	Roll Tk Upper W/Out		114-120	115-Port-Upper	Weather Deck	31' 9"			0	15' 5"	H2O	3283	513	513	0	
WT	Ball. Roll Tk Lower W/Out		114-120	115-Port-Upper	Weather Deck	37' 1"			0	20' 10"	H2O	1519	237	237	0	
WT	Ball. Roll Tk		114-120	115-Port-Upper	Weather Deck	53' 4"			0	37' 1"	H2O	1585	241	241	0	
											SUB TOTAL		14016	2076	1537	539
Tank Type Codes: DT = Deep Tank ST = Settling Tank PT = Peak Tank SR = Service Tank WT = Wing Tank CT = Cargo Tank CD = Coffor Dam CS = Contaminated Tank HT = Holding Tank DB = Double Bottom		Notes: 1. Use the codes listed to best describe the line item . 2. For sounding tubes that are "Blocked" mark the column for sounding tube length with the word "BLOCKED".				Observed Contents Codes: H2O = Water (Fresh or Salt) HFO = Heavy Fuel Oil DFO = Diesel or Light Fuel Oil LUB = Lubricating Oil HYD = Hydraulic Oil BLG = Oily Bilge Water SLG = Sludge AFF = Antifreeze MUD = Mud Ballast				Remarks: 1) All ballast onboard is fresh water treated with sodium silicate corrosion inhibitor at a concentration of 1 liter per 10 tons of water. 2) The water in the after peak has been treated with 40 percent propylene glycol for freeze protection down to 0 degrees Fahrenheit. 3) The Forward Hold Tank is pressed up, unable to remove tube cap. 4) DB's 1 Port & 2 Port are pressed up. 5) Visual Insp. means tank was looked at through inspection cover or sight glass to determine contents.						

Vessel Name: Cape Lobos _

James River Reserve Fleet Tank Soundings and Draft Readings

Draft: Forward :16'9"

Date Soundings Taken: 11/28/99

Aft:19'2"

Trim: 2'5"

Ship Reference Data						Soundings						Computations				
Tank Information			Sounding Tube Information			Soundings By:						Calculations By:				
Tank Type (see code)	Tank Number	Service/Use	Frame Numbers	Location Frame-Side-Deck	Name of Space	Sounding Tube Measured Length Ft/In	Ullage Ft/In	Innage Ft/In	Oil Innage Ft/In	Water Innage Ft/In	Observed Contents of Tank (see code)	Total Barrels	Total Long Tons (LT)	Total Water (LT)	Total Oil (LT)	
DT	Port Potable		5 - 11	12-CL-Poop	Aft of Galley	*Visual Insp.			0	0	EMPTY	0	0	0	0	
DT	Stbd Potable		5 - 11	12-CL-Poop	Aft of Galley	*Visual Insp.			0	0	EMPTY	0	0	0	0	
DB	Non-Potable Dirty LO		27 - 37	30-Stbd-Tank Top	Engine Rm	5' 4"			0	0	EMPTY	0	0	0	0	
HT	Sludge Tk. FO Overflow		27-37	30-Port-Tank Top	Engine Rm	12' 11"			1' 9"	0	LUB	0	0	0	0	
HT	Tk. Dirty LO Stor.		38-40	40-CL-Tank Top	Engine Rm	13' 7"			0	0	EMPTY	0	0	0	0	
HT	Tk. Gearbox LO		18-22	22-Tank Top	Engine Rm	5' 0"			1' 8"	0	LO	14	2	0	2	
HT	Stor. Tk. SS Gen. LO		18-22	22-Tank Top	Engine Rm	5' 0"			3' 11"	0	LO	35	5	0	5	
HT	Stor. Tk. Mn. Eng. LO		18-22	22-Tank Top	Engine Rm	5' 0"			4' 9"	0	LO	42	6	0	6	
HT	Stor. Tk. Mn. Eng.		18-22	22-Tank Top	Engine Rm	5' 0"			2' 9"	0	LO	21	3	0	3	
HT	Recharge Tk. Mn. Eng. LO		18-22	22-Tank Top	Engine Rm	5' 0"			0	0	EMPTY	0	0	0	0	
SR	Sump Port Mn. Eng. LO		27-37	37-Port-Tank Top	Engine Rm	7' 7"			3' 2"	0	LO	21	3	0	3	
SR	Sump Stbd.		27-37	37-Stbd.-Tank Top	Engine Rm	7' 6"			3' 2"	0	LO	21	3	0	3	
											SUB TOTAL		154	22	0	22
											GRAND TOTALS		41565	6371	5810	561

Tank Type Codes:
DT = Deep Tank
ST = Settling Tank
PT = Peak Tank
SR = Service Tank
WT = Wing Tank
CT = Cargo Tank
CD = Coffer Dam
CS = Contaminated Tank
HT = Holding Tank
DB = Double Bottom

Notes:
1. Use the codes listed to best describe the line item .
2. For sounding tubes that are "Blocked" mark the column for sounding tube length with the word "BLOCKED".

Observed Contents Codes:
H2O = Water (Fresh or Salt)
HFO = Heavy Fuel Oil
DFO = Diesel or Light Fuel Oil
LUB = Lubricating Oil
HYD = Hydraulic Oil
BLG = Oily Bilge Water
SLG = Sludge
AFF = Antifreeze
MUD = Mud Ballast

Remarks:
1) All ballast onboard is fresh water treated with sodium silicate corrosion inhibitor at a concentration of 1 liter per 10 tons of water.
2) The water in the after peak has a been treat with 40 percent propylene glycol for freeze protection down to 0 degrees Fahrenheit.
3) The Forward Hold Tank is pressed up, unable to remove tube cap.
4) DB's 1 Port & 2 Port are pressed up.
5) Visual Insp. means tank was looked at through inspection cover or sight glass to determine contents.

APPENDIX 10

SITREP FORMS

Planned date = NON-BOLD; Revised Planned Date = R in front of date; Actual Completed Date: BOLD																				
SHIP	R-Status	C-Status	Ship Mgr	Assigned Location	Start Activation	Breakout Tow	Arrival at Activation Facility	Remove Blanks	On Ship's Power	Main Engine(s) Operational	Habitability Complete	Provisioning Complete	Cargo Gear Tested	Full Crew Aboard	Start Dock Trial	Start Sea Trial	Ready For Sea (RFS) DTG (Zulu time)	POC's	Days, Hrs, Mins to Activate	Remarks

DAILY ACTIVATION SITREP

Page 1 of 3

SITREP NO:___

DATE:

From:

To: MAR-613

Additional e-mail addressees provided in Activation Message

Name of Vessel:

Type: _____

R-Status:_____

C-Status: _____

Name of Ship Manager:

Phone No.

Fax No.

Exercise Name / Sponsor:

Activation Msg DTG:

Time of Notification, if Different:

Progress: 1.
2.
3.

Breakout from (Fleet/Layberth):

Tow to Yard:

Arrival at Yard:

NAME / Geographical Location of Yard:

Yard POC and Phone Number:

MARAD Surveyor/COTR:

Phone No. for MARAD POC:

Ship Mgr Port Engineer:

Phone No. for Port Engineer:

ACTIVATION SCHEDULE
ITEM SCHEDULED
COMPLETION DATE

START DATE

Blanks Removed	_____
P/Boiler Hydro	_____
P/Boiler Light Off	_____
S/Boiler Hydro	_____
S/Boiler Light Off	_____
#1 Generator On-Line	_____
#2 Generator On-Line	_____
#3 Generator On-Line	_____
Evaporators	_____
Vessel Habitability	_____
Cargo Equipment	_____
Dock Trial	_____
Sea Trial	_____
Tender Vessel	_____

CREWING OF VESSEL

CREW	AMOUNT REQUIRED	AMOUNT ONBOARD
Licensed Deck		_____
Unlicensed Deck		_____
Licensed Engine		_____
Unlicensed Engine		_____
Steward Department		_____
Crew in Transit		_____
Full Crew		_____

Tender Accepted by MSC (Date)

Page 3 of 3

Outstanding 835's:

**Significant Events:
arrivals, request**

and

**(This includes problems such as late crew
for waivers, 835's changes in proposed schedules,
latest status on all activation items.)**

END OF REPORT

APPENDIX 11

CAPE LAMBERT AND CAPE LOBOS

INTERNAL TELEPHONE DIRECTORY

CAPE LAMBERT TELEPHONE LIST			
SPACE CALLED	PHONE No.	SPACE CALLED	PHONE No.
BRIDGE	111	ENGINE CONTROL ROOM	211
MASTER	112	CHIEF ENGINEER OFFICE	212
CONTROL ROOMS ETC.		MESS ROOMS ETC.	
ENGINE CONTROL ROOM	211	OFFICER'S LOUNGE	120
BRIDGE	111	OFFICER'S PANTRY	121
BALLAST ROOM	448	CREW'S REC. ROOM	128
FWD. RAMP CONTROL ROOM	450	CREW'S MESS ROOM	127
AFT. RAMP CONTROL ROOM	449	SLOP CHEST	123
FWD. ELECTRICAL ROOM	405	GALLEY / SCULLERY	122
DISPENSARY / HOSPITAL	200	STEWARDS OFFICE	124
RADIO ROOM	129		
OFFICERS		RATINGS	
DECK DEPARTMENT		DECK DEPARTMENT	
MASTER	112	BOSUN	301
CHIEF MATE	113	4-8 AB # 3	303
2ND MATE	114	4-8 AB # 5	304
3 RD MATE	115	8-12 AB # 4	305
RADIO OFFICER	100	8-12 AB # 2	306
PORT CADETS / UTILITY	116	12-4 AB # 1	307
STBD CADETS / UTILITY	117	AB / UTILITY # 6	308
		GUDE	309
ENGINE DEPARTMENT		ENGINE DEPARTMENT	
CHIEF ENGINEER OFFICE	212	ELECTRICIAN	210
CHIEF ENGINEER ROOM	412	DECK MECHANIC	218
1ST. ASSISTANT ENGINEER	213	OILER 3	219
2ND. ASSISTANT ENGINEER	214	OILER 2	220
3RD. ASSISTANT ENGINEER	215	OILER 1	221
3RD. ASSISTANT ENGINEER	217	OILER 4	302
		WIPER	222
STEWARD DEPARTMENT		STEWARD DEPARTMENT	
CHIEF STEWARD	125	CHIEF COOK	130
STEWARD'S OFFICE	124	UTILITY 1	131
		UTILITY2	132

CAPE LOBOS TELEPHONE LIST			
SPACE CALLED	PHONE No.	SPACE CALLED	PHONE No.
BRIDGE	111	ENGINE CONTROL ROOM	211
MASTER	112	CHIEF ENGINEER	212
CONTROL ROOMS ETC.		MESS ROOMS ETC.	
ENGINE CONTROL ROOM	211	OFFICER'S LOUNGE	120
BRIDGE	111	OFFICER'S PANTRY	121
BALLAST ROOM	403	CREW'S REC. ROOM	127
FWD. RAMP CONTROL ROOM	448	CREW'S MESS ROOM	126
AFT. RAMP CONTROL ROOM	449	SLOP CHEST	123
FWD. ELECTRICAL ROOM	450	GALLEY / SCULLERY	122
DISPENSARY / HOSPITAL	200	STEWARDS OFFICE	125
RADIO ROOM	129		
OFFICERS		RATINGS	
DECK DEPARTMENT		DECK DEPARTMENT	
MASTER	112	BOSUN	301
CHIEF OFFICER	113	4-8 AB	302
2ND OFFICER	114	4-8 AB	303
3 RD OFFICER	115	8-12 AB	304
RADIO OFFICER	100	8-12 AB	305
PORT CADETS	116	12-4 AB	306
STBD CADETS	117	12-4 AB	307
		GVA	308
		SEAMAN	309
ENGINE DEPARTMENT		ENGINE DEPARTMENT	
CHIEF ENGINEER	212	ELECTRICIAN	217
1ST. ASSISTANT ENGINEER	213	DECK MECHANIC	218
2ND. ASSISTANT ENGINEER	214	OILER 1	219
3RD. ASSISTANT ENGINEER	215	OILER 1	220
3RD. ASSISTANT ENGINEER	216	OILER 1	221
		WIPER	222
STEWARD DEPARTMENT		STEWARD DEPARTMENT	
CHIEF STEWARD	124	CHIEF COOK	130
STEWARD'S OFFICE	125	UTILITY 1	131
		UTILITY2	132