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SAILS Sept. 1, 1967

USNS GENERAL JOHN POPE (T-AP110)
shifTS AUG. 23 B-1 0815- •/o FLEET POST OFFICE
PREL 30, 0800 SAN FRANCISCO, CALIFORNIA 96601

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USNS GENERAL JOHN POPE (T-AP110)
c/o FLEET POST OFFICE
SAN FRANCISCO, CALIFORNIA 96601

VOYAGE REPAIR LIST - VOYAGE #10

SUBMITTED: L. L. Clemons
L. L. CLEMONS, CH. ENGR.

APPROVED: H. L. Hienz
H. L. HIENZ, MASTER

Item No.	Priority	Subject and Description
(1)	<u>3</u> <u>H&R</u>	SUBJECT: Exhaust, Diesel Fire Pumps, Repair of: LOCATION: 1 - 186 - 2 and 1 - 22 - Ø CONDITION: Deteriorated: Resonators within mufflers blocking passage of exhaust gases. QUANTITY: Two (2) RECOMMEND: Furnish labor and material to repair or replace exhaust system as needed.
(2)	<u>3</u> <u>S.O.</u>	SUBJECT: Comparind Watch, Hamilton, Repair of: DATA: Serial No. 15254 - 1944, Mk 1, Mod. 0 LOCATION: Second Officer CONDITION: Inoperative QUANTITY: One (1) (2) RECOMMEND: Service order for cleaning and repair
(3)	<u>3</u> <u>H&R</u>	SUBJECT: Rail, Pipe, Replacement of: LOCATION: Ø1-(55-65)-1 & 2 CONDITION: Rail is discontinuous and unsound; hazardous to troops congregating in area QUANTITY: Four (4) courses each side, Length each side Twenty-five (25) feet; to match existing railing RECOMMEND: Fabricate, install and paint per MSTS specs.
(4)	<u>3</u> <u>H&R</u>	SUBJECT: Elevator, Stewards, Repair of: DATA: Westinghouse Elevator Machine - Type 25-F.P.M. 100, Max. Capacity 2000Lbs. Worm Gear 75, S-Cable 1- $\frac{1}{4}$ G.O. 27621 LOCATION: Ø1-127-2-E CONDITION: Oil Seal Gasket carried away, Adjustment Device for Oil Seal broken QUANTITY: One (1) RECOMMEND: Furnish qualified elevator repairman and material to renew oil seal and adjustment ring; Fill with gear oil and test

Item No.	Priority	Subject and Description
(5)	3 <i>Mfk MA5</i>	<p>SUBJECT: Pneumatic Bilge Valve, Repair of:</p> <p>DATA: Atwood and Morrell Co. Six (6) Remote Pneumatic</p> <p>LOCATION: Machine Shop</p> <p>CONDITION: Deteriorated; air leak at stem seal, Threads in seal retainer stripped.</p> <p>QUANTITY: One (1)</p> <p>RECOMMEND: Furnish labor and material to install threaded bushing at stem to retain multiple seals, Four (4)</p>
(6)	3 <i>S.O.</i>	<p>SUBJECT: Plungers, Main Feed Pump, Replating and Machining of:</p> <p>DATA: Mfg.: Worthington Pump and Machy. Corp., Ser. 1080126, Size 2 3/4" X 5", Variable capacity 90 GPM Max.</p> <p>LOCATION: Central Tool Room</p> <p>CONDITION: Scored</p> <p>QUANTITY: Five (5)</p> <p>RECOMMEND: Furnish labor and material to machine, replate and machine to Mfg. Spec.</p>
(7)	3 <i>Mfk.</i>	<p>SUBJECT: Gratings, Power Panels, Fabrication of:</p> <p>DATA: Thirteen X Two Feet, 13' X 2', Material 1" X 4" Hardwood varnished</p> <p>LOCATION: Forward and After Engine Rooms</p> <p>CONDITION: Non-exist</p> <p>QUANTITY: Two (2), 13' X 2'</p> <p>RECOMMEND: Prefabricate Two (2) Gratings, Furnish labor and material</p>
(8)	3 <i>A/O</i>	<p>SUBJECT: Refrigeration Condenser Circulating Pump, Repair of:</p> <p>DATA: Ingersoll - RAND, vertical motor driven, centrifugal; Ser. #01433403, Cap. 225 GPM Dyn. Head 35 #/0"; Motor: 5 Hp., 23 Volts, 20 Amps. 1400/1425 RPM</p> <p>LOCATION: Refrigeration Flat</p> <p>CONDITION: Casing deteriorated</p> <p>QUANTITY: One (1)</p> <p>RECOMMEND: Furnish labor and material to build up casing and repair to mfg. spec.</p>

Item No.	Priority	Subject and Description
(9)	3 <u>14-04</u>	<p>SUBJECT: Damage Control Central, relocation of:</p> <p>DATA: D.C. Central presently located in wheelhouse; COMSTSINST. P3120.2C, 2 - 7 - 7, requires location <u>out</u> of the wheelhouse</p> <p>LOCATION: 03 - 81 - 0 - C</p> <p>CONDITION: Not in accordance with applicable instructions</p> <p>QUANTITY: N. A.</p> <p>RECOMMEND: Recommend installation of desk of appropriate size in Fire Control Room (03-86-3-C) beneath already installed Damage Control Display Plans (Desk size: appr. 48" X 22"; installation of two double jack boxes for D.C. circuit (IJV), one on either side of desk, and installation of hooded work light over desk, thus locating D.C. Central as required by instructions</p> <p>Note: FAL 67 deficiency</p>
(10)	3 <u>14-04</u>	<p>SUBJECT: Bearing, Main Line Shaft, repair of:</p> <p>DATA: Bearing, #2</p> <p>LOCATION: Frame 6 - 125 - 1 Strb. Refrigeration Flat</p> <p>CONDITION: Excessive heat being created at forward end of bearing, liner moving in housing</p> <p>QUANTITY: One (1) 18" Diameter</p> <p>RECOMMEND: Furnish labor and material, scrape, relieve, tighten and fit bearing to shaft.</p>
(11) <u>VALKINS 3 S.O.</u>		<p>SUBJECT: Oil Purifier, Inner Bowl, Complete, repair of:</p> <p>DATA: Delaval Centrifugal Oil Purifier, Serial #3507728</p> <p>LOCATION: Fwd. Engine Room, 6 - 118 - 1</p> <p>CONDITION: Out of balance, plate missing</p> <p>QUANTITY: One (1)</p> <p>RECOMMEND: Furnish labor and material to rebuild bowl to mfr. spec., balance bowl as a single entity.</p>

Item No.	Priority	Subject and Description
(12)	3 <i>AFK</i>	<p>SUBJECT: Gratings, Fabrication of:</p> <p>DATA: 10' X 2', using 1" X 4" varnished hardwood</p> <p>LOCATION: 4 - 212 - 2 Power Panel, Aft. Steering</p> <p>CONDITION: Non-existent</p> <p>QUANTITY: One (1)</p> <p>RECOMMEND: Furnish labor and material to pre-fabricate grating</p>
(13)	3 <i>AFK</i>	<p>SUBJECT: Economizer Hand Hole, Repair of:</p> <p>DATA: #2 Boiler, B - 1 Hand Hole</p> <p>LOCATION: Fwd. Engine Room</p> <p>CONDITION: Wire drawn gasket seat</p> <p>QUANTITY: One (1)</p> <p>RECOMMEND: Furnish labor and material; build up hand hole gasket seat in economizer header; machine to standard size; install plug and gasket; ship's force will perform hydrostatic test.</p>
(14)	3 <i>AFK</i> <i>Material Request</i> <i>Not yet ordered.</i>	<p>SUBJECT: Exh. Sys. 1 - 127 - 2 Fan Motor, Repair of</p> <p>DATA: I.D. 380783-3 DP Type: DM-Fr. J56 H.P. 1/2, Duty: Cont. Volt: 230, Wind: Stab. Shunt, Amp.: 6.4, RPM 3450, Spec.: Mil-M-17556 Cont. Spec. S4122160, Reliance Co.</p> <p>LOCATION: Pick up in Electric shop</p> <p>CONDITION: Armature coils shorted, bad bearings, unbalanced fan, commutator cut below factory circ.</p> <p>QUANTITY: One (1)</p> <p>RECOMMEND: Furnish labor and material to rewind armature, renew commutator, renew both bearings and balance fan to armature.</p>
(15)	3 <i>S.O.</i> <i>Set. of Bearings ordered</i>	<p>SUBJECT: Bearings, Rotor, Repair of:</p> <p>DATA: Westinghouse, Type "C" Steam Turbine Ser. #10-A-5694-1, Air Conditioning Unit</p> <p>LOCATION: Tool Room</p> <p>CONDITION: Deteriorated</p> <p>QUANTITY: (4) Four Halves</p> <p>RECOMMEND: Furnish labor and material to rebabbitt bearings to mfgr. specification.</p>

Item No.	Priority	Subject and Description
(16)	3 <i>M&R</i>	<p>SUBJECT: Pipe, #2 Evap. Circ. Pump Disch., Renewal of:</p> <p>DATA: 6" (six inch)</p> <p>LOCATION: 6 - 125 - 2, Evap. Flat</p> <p>CONDITION: Deteriorated</p> <p>QUANTITY: One (1) Flanged section galv. steel pipe 56" long with (3) three 90° bends and (1) one spud for deep well thermometer</p> <p>RECOMMEND: Furnish labor and material to remove and renew flanged section of galvanized steel piping, using removed section as template</p>
(17)	3 <i>D/P</i>	<p>SUBJECT: Valve, Overboard Discharge, Pneumatic, Repair of:</p> <p>DATA: Mfr.: Atwood & Morrel Co. Mfr. I.D.: V - 4016, (6") six inch</p> <p>LOCATION: 6 - 126 - 2</p> <p>CONDITION: Deteriorated</p> <p>QUANTITY: (1) One</p> <p>RECOMMEND: Furnish labor and material to plug below water line overboard outlet; remove, repair or replace valve; reinstall and test for water tight integrity</p>
(18)	3 <i>M&R</i>	<p>SUBJECT: Filters, Air, Vents, Cleaning of:</p> <p>DATA: 19½" X 19½" X 2"</p> <p>LOCATION: On deck</p> <p>CONDITION: Dirty</p> <p>QUANTITY: (200) Two hundred</p> <p>RECOMMEND: Furnish labor and material to steam clean, reoil and deliver to ship</p>
(19)	3 <i>M&R</i>	<p>SUBJECT: Gear Case, W/T Door, Repair of:</p> <p>DATA: Continental Engineering Co., New York Serial #242</p> <p>LOCATION: 6 - 118 - 1</p> <p>CONDITION: Braken case</p> <p>QUANTITY: (1) One</p> <p>RECOMMEND: Furnish labor and material to repair or replace case; overhaul gear assy. to mfr's spec.; ship's force to reinstall gear box and test closure</p>

Item No.	Priority	Subject & Description
(20)	3 <i>A/D</i>	<p>SUBJECT: Valves, #1 Main Feed Pump, Repair of:</p> <p>DATA: Mfr.; Worthington Pump & Machinery Corp., Serial #1080128, Variable capacity 9 GPM</p> <p>LOCATION: Fwd. Engine Room</p> <p>CONDITION: Valves and seats deteriorated</p> <p>QUANTITY: (9) Nine</p> <p>RECOMMEND: Furnish labor to press in seats; install valves and springs; test pump to mfr. spec.; ship furnishes parts</p>
(21)	3 <i>M&R</i> <i>Electronics</i>	<p>SUBJECT: 2 M C Annoucing Sys., Repair of:</p> <p>DATA: Remler Announcing System, San Francisco Model: AM 289 - 20, Serial #41874, Volts 115, Cycles: 60, Contract No. SR 11015</p> <p>LOCATION: I C Room, 2 - 96 - Ø -C</p> <p>CONDITION: "A" Channel does not cut in; speakers sound garbled; relays need readjustment or replacement; muteing switch hangs up relays</p> <p>QUANTITY: (1) One</p> <p>RECOMMEND: Furnish labor and material to restore Remler 2 M C System to mfr. operating spec. and test to the Master's satisfaction</p>
(22)	3 <i>M&R</i>	<p>SUBJECT: Heli-arc Welding, Request for:</p> <p>DATA: Broken stanchion socket</p> <p>LOCATION: 1. Strb. accommodation ladder 2. Aft Third (3rd) deck side port gangway</p> <p>CONDITION: Welds broken</p> <p>RECOMMEND: Reweld broken aluminum stanchion socket foot of strb. accommodation ladder; weld broken aluminum ring on gangway; provide approx. 2" aluminum lifting ring (see Bos'n or 1st Officer)</p>

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26.	Vent Fan Motor, E 3-248-1, Repair of:
27.	Vent Motor Armature, Repair of:
28.	Armature, Rewinding or Renewal of:
29.	Gear Cover and Case, Anchor Windlass; Fabrication of:
30.	Laundry Dryer Tumbler Shaft, Fabrication of:
31.	Mixer, Gear Box; Repair of:
32.	Lighting Fixture, Replacement of:
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SAN FRANCISCO, CALIFORNIA 96601

ADDENDUM #1 TO VOYAGE REPAIR LIST - VOYAGE #10

SUBMITTED L. L. CLEMONS, CH. ENGR.

APPROVED H. L. HEINZ, MASTER

Item No.	Priority	Subject and Description
(23)	3 <u>M&R</u>	<p>SUBJECT: Mainifold, Air ejector; Repair of:</p> <p>DATA: Main Air Ejector</p> <p>LOCATION: Fwd. Engine Room</p> <p>CONDITION: Flange gasket surface wire drawn</p> <p>QUANTITY: One (1)</p> <p>RECOMMEND: Furnish labor and material, remove Air Ejector, mill flange gasket surfaces</p>
(24)	3 <u>M&R</u>	<p>SUBJECT: Pipe, #1 Evap., first effect shell drain, Replacement of:</p> <p>LOCATION: Evaporator Flat</p> <p>CONDITION: Deteriorated</p> <p>QUANTITY: One (1) 15" Flanged spool piece, galvanized steel pipe with one 45° bend</p> <p>RECOMMEND: Furnish labor and material to renew flanged section galvanized steel piping, using removed section as template</p>
(25)	3 <u>M&R</u>	<p>SUBJECT: Fuel Oil Tanks #4 P/S Double Bottom, Souding and Balance Tube; Repair of:</p> <p>DATA: 1 1/2" Sounding and Balance Tube on #4 Strb. D.B. Fuel Oil Tank, 1 1/2" Balance Tube on #4 Port D.B Fuel Oil Tank</p> <p>LOCATION: 6-101-1 & 2, #4 Void and Reefer Drain Tank</p> <p>CONDITION: Deteriorated and Leaking</p> <p>QUANTITY: Three (3) Pipes, 1 1/2" Dia., One (1) Sounding Tube, and Two (2)</p> <p>RECOMMEND: Furnish labor and material to crop out one (1) Sounding Tube and one (1) Balance Tube, #4 Strb. inside butcher shop drain tank and renew from the bottom of the drain tank to the top of the void space Crop out and renew one (1) Balance tube to #4 Port inside the bilge well drain tank, this pipe has been capped off. #4 Port/Strb. and Center Line Double Bottom F.O. Tanks have been chemically cleaned, including the void space</p>

Item No.	Priority	Subject and Description
(26)	3 S.O. <i>United Elec.</i>	<p>SUBJECT: Vent Fan Motor, E 3-208-1, Repair of:</p> <p>DATA: Motor 1199, Type : DP, H.P. 5/8, Wind: Comp., Volt: 230, Amp. 2.7, RPM: 1400, Serial: 179582, FLG Electric Vent. Co.</p> <p>LOCATION: Pick up in Electric Shop</p> <p>CONDITION: Armature coils are grounded, field coils are shorted</p> <p>QUANTITY: One (1)</p> <p>RECOMMEND: Furnish labor and material to restore motor to mfrs. spec., fan to be dynamically balanced to armature</p>
(27)	3 S.O. <i>United Elec.</i>	<p>SUBJECT: Vent Motor Armature, Repair of:</p> <p>DATA: System 1-60-2, Motor 1209, Type W.P., Wind: Comp., H.P. 1 3/4, Amp. 7.5 Volt 230, RPM 1550, Serial No. 154531</p> <p>LOCATION: Electric Shop</p> <p>CONDITION: Commutator is burned, solder melted from commutator connection slots, banding adrift</p> <p>QUANTITY: One (1)</p> <p>RECOMMEND: Furnish labor and material to reband armature, solder connections and true up commutator, dip and bake armature, return to electric shop</p>
(28)	3 M#12	<p>SUBJECT: Armature, Rewinding or Renewal of:</p> <p>DATA: General Electric DC motor, Model: 5B046 AB29D, Type BC, RPM 1725, H.P. 1/3, Wind: Comp., Volt: 115 DC, Amp. 3, GEJ507</p> <p>LOCATION: Pick up in Electric Shop</p> <p>CONDITION: Armature coils open, burned bars on commu- tator</p> <p>QUANTITY: One (1)</p> <p>RECOMMEND: Furnish labor and material to rewind or replace armature with new one, return to Electric Shop</p>

Item No.	Priority	Subject and Description
(29)	3 <i>Deferred to A/O</i>	<p>SUBJECT: Gear Cover and Case, Anchor Windlass; Fabrication of:</p> <p>DATA: First Motor Reduction Gear Cover</p> <p>LOCATION: Forecastle Deck</p> <p>CONDITION: Deteriorated</p> <p>QUANTITY: One (1)</p> <p>RECOMMEND: Furnish labor and material, remove and replace reduction gears, fabricate cover and case, using existing cover and case as template, test for oil tightness</p>
(30)	3 <i>MFR</i>	<p>SUBJECT: Laundry Dryer Tumbler Shaft, Fabrication of:</p> <p>DATA: Mfr.: American</p> <p>LOCATION: Ship's Laundry</p> <p>CONDITION: Broken shaft</p> <p>QUANTITY: One (1)</p> <p>RECOMMEND: Furnish labor and material to fabricate shaft and install on tumbler drum spider, using removed shaft as template, ship's force to install shaft in dryer.</p>
(31)	3 <i>MFR</i>	<p>SUBJECT: Mixer, Gear Box, Repair of:</p> <p>DATA: Mfr.; Hobart, Model M - 80</p> <p>LOCATION: Bakery, Port Side</p> <p>CONDITION: Gear box bearings, seals, thrust washers and clutch discs are worn excessively</p> <p>QUANTITY: One (1)</p> <p>RECOMMEND: Furnish labor and material to remove and replace worn parts, adjust clearances to mfrs. specifications, motor to be repaired and installed by ship's force</p>
(32)	3 <i>MFR</i>	<p>SUBJECT: Lighting Fixture, Replacement of:</p> <p>LOCATION: Radio Rm.</p> <p>CONDITION: Present fixture causes eyestrain due glare</p> <p>QUANTITY: One (1)</p> <p>RECOMMEND: Furnish labor and material to replace with fluorescent light fixture</p>

Purser's office LAMPS ordered by MFR Ashen

Item No.	Priority	Subject and Description
(33)	³ Preferred to	SUBJECT: Hull, Scraping Noise, Inspection of: LOCATION: 6-135-2, Outside of hull CONDITION: Undetermined RECOMMEND: Furnish diver and equipment to inspect hull and Roll-Chock to determine cause of scraping noise and to repair as necessary
34.	⁴ N&R	Fuel oil stains & disc.
35.	⁴ N&R	5" to 3" Adapter to fueling station.
36.		#1 EVAP. 1st eff. VAPOR btt., Never type.
37.		