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USNS GENERAL EDWIN D. PATRICK (T-AP 124)
c/o Fleet Post Office
San Francisco, California

T-AP 124/EJO:Gy
4700
30 July 1966

A-D-D-E-N-D-U-M No.1

VOYAGE REPAIR LIST - DRYDOCKING

VOY No. 153

SUBMITTED BY:

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MASTER

ITEM No.	PRIORITY	SUBJECT & DESCRIPTION
120	2	<p>SUBJECT: <u>GEAR BOX ASSEMBLY - WATERTIGHT DOOR</u></p> <p>DATA: Philadelphia Gear Works Dwg No. 154599, Assembly Sheet No.1</p> <p>LOCATION: Watertight Door - 4-1142-2</p> <p>CONDITION: Gear is stripped & some teeth are missing. Torque spring is broken.</p> <p>QUAN/SIZE: One (1) Mitre Gear - One (1) Main Spring</p> <p>RECOMD: That materials and labor be supplied so that gear box can be assembled. After gear box has been assembled, install on watertight door. Test and check over, making sure that all is in design operating condition.</p>
121	2	<p>SUBJECT: <u>ANTENNA - FOR "TV" SETS</u></p> <p>DATA: None</p> <p>CONDITION: None on board Refer to COMILDEPT LETTER DTD <u>24 MAY 1966</u></p> <p>QUAN/SIZE: One (1)</p> <p>RECOMD: Install government furnished TV antenna material and leads from Forward Stack to Crew Dayroom - 3-82-1 - Officer's Dayroom - 01-125-1 & Military Dept Dayroom - 2-124-1.</p>

M & R ELECTRONIC
FURNISH CABLE

ADDENDUM No.1 VOY REPAIR LIST -DRYDOCKING - VOY No.153 (contd from Page 1)

ITEM No. PRIORITY SUBJECT & DESCRIPTION

122 2 SUBJECT: FLUORESCENT LIGHTING -
 DATA: None
 LOCATION: 01-96-1; 01-112-1; 01-110-1
 CONDITION: Non-existent - Present lights deemed to afford insufficient lighting (SEE: COMILDEPT)
 QUAN/SIZE: Five (5) lighting fixtures required
 RECOMD: Furnish and install five Fluorescent lighting fixtures in place of the presently installed fixtures. One (1) in COMILDEPT office; Two (2) in COMILDEPT stateroom; Two (2) in COMILDEPT Ward Room.

123 2 SUBJECT: LEAKING DECK
 DATA: N/A
 LOCATION: 02 and 03 - 159-0 - Ladderwell & Air Intake Chamber - 03-124-0-Q.
 CONDITION: Deteriorated and leaking in ladderwell & Chief Electrician's Stateroom and head.
 QUAN/SIZE: Approx. 300 sq feet - magnasite deck, wood deck, and steel plate.
 RECOMD: Provide labor and material to remove magnasite deck. Survey steel deck plate for deterioration and to determine the cause of leak. Remove wooden deck as necessary. Renew all steel deck as found necessary. Hose test same to prove tight. Prime coat all steel deck and replace all magnasite & wooden deck to original design.

124 2 SUBJECT: DISHWASHING MACHINE
 DATA: Mfg: Hobart Mfg. Co., Troy, Ohio
 LOCATION: Main Pantry.
 CONDITION: Needs repairs. Studs broken off that hold rear center bracket for dogs. Front & rear rack assembly worn & deteriorated. Studs are inaccessible without removing complete top section of machine.
 QUAN/SIZE: One (1)
 RECOMD: Renew studs that hold rear center bracket for the dogs. Renew front & rear back track assembly. Renew worn & deteriorated fittings, dogs, dog bolts, etc., as required to place machine in design operating condition. Renew tracks and all worn and/or defective parts.

ADDENDUM- VOY REPAIR LIST -DRYDOCKING- VOY No.153 (contd from Page 2)

ITEM No.	PRIORITY	SUBJECT & DESCRIPTION	
125	2	SUBJECT:	<u>No.7 and No.9 NESTED LIFEBOATS</u>
		DATA:	N/A
		LOCATION:	Boat deck - No.7 & No.9 Lifeboats
		CONDITION:	Top boats griped down too tight & midships hull area along bilges bent inward approx. three inches (3") deep and four feet (4') long.
		QUAN/SIZE:	Two (2) each - Lifeboats
		RECOMD:	Remove boats and fair out bilges & reinforce with doubler plate as necessary.
126	2	SUBJECT:	<u>CARGO WINCHES (TEN TON GEAR)</u>
		DATA:	Mfg.:General Electric - DOUBLE DRUM
		LOCATION:	No.2 and No.5 Hatches.
		CONDITION:	Winches are heavily rusted, brake bands are deteriorated, foundations are heavily rusted with holes in some places; bed bolts are deteriorated. These winches have not been overhauled for many years. Each time these winches are operated, large pieces of rust fall off, onto deck from inside.
		RECOMD:	Through oversight these winches were not included in program for overhaul as the five ton winches were. It is recommended that these winches be removed from vessel & completely overhauled. In their present condition they are definitely a Safety Hazard.
127	2	SUBJECT:	<u>SIDEPORTS IN HULL</u>
		DATA:	N/A
		LOCATION:	Frames: 3-80-1; 3-80-2; 3-111-1; 3-111-2; 3-129-1; 3-129-2; 3-166-1; 3-166-2; 2-172-1; 2-172-2; 2-112-1; and 2-112-2
		CONDITION:	Sideports cannot be closed tight enough to keep out water when there is a heavy sea running. For the most part these sideports cannot be maintained by the ship's crew due to short turn-around and it being impossible to work on them at sea.
		QUAN/SIZE:	Twelve (12) Doors
		RECOMD:	Sideports to be removed from vessel & sandblasted to bare metal, a band approx. eight inches (8") wide around the hull port be scaled to bare metal and polished smooth and bright with disc sander. Apply three (3) coats of rustoleum primer and three (3) coats of cover paint. Doors to be replaced & warped fair with heat. Gaskets put in place & chalk tested. After all is finished, hose test door with straight bore nozzle held approx. two feet (2') from edge of door with at least seventy-five pounds (75 Lbs) pressure on hose.

ADDENDUM - VOY REPAIR LIST - DRYDOCKING - VOY No.153 (contd from Page 3)

ITEM No.	PRIORITY	SUBJECT & DESCRIPTION
128	2	<p>SUBJECT: <u>SCALING TOOLS & AIR COMPRESSOR - Loan of</u></p> <p>DATA: Deliver to First Officer - ONLY</p> <p>CONDITION: Considerable scaling & chipping is necessary about the main decks of this vessel</p> <p>RECOMD: M&R Division to furnish vessel with pneumatic chipping and scaling equipment. This to include "needle" guns if available and air powered wire brushes. Depending on tools available, request that sufficient tools be made available for twenty-five (25) men. These to include hoses, manifolds, tees and small lead hoses for tools. If sufficient air powered equipment is not available, rotary electric scaling equipment is requested. This equipment will be signed for and properly safe guarded and lubricated. <u>DELIVER TO FIRST OFFICER ONLY.</u></p>
129	2	<p>SUBJECT: <u>VALVES (BOILER BOTTOM BLOW SKIN VALVES)</u></p> <p>DATA: One and one-half inch (1½") Stop Check Valves (Non-return)</p> <p>LOCATION: Fore and Aft Engine Rooms - 6-105-2 and 6-138-1</p> <p>CONDITION: Bonnet leaking very heavily on valve - 6-105-2 (Fwd Eng Room). Leak at skin flange of valve In Aft Eng Room -6-138-1. Spool piece in Aft Eng Room renewed approx. three (3) years ago.</p> <p>QUAN/SIZE: Two (2) - One and one-half inch (1½") Globe valves.</p> <p>RECOMD: Remove valves from ship to shop during Drydocking period. Survey both spool pieces for deterioration and renew spool pieces, flanges and studs as needed. Survey both valves & renew same if beyond economical repair. Renew all gaskets & packing. Shop test valves to prove valves & bonnet gaskets in good tight condition, prior to installing aboard vessel.</p>
130	2	<p>SUBJECT: <u>LIQUID LEVEL INDICATORS (KING GAGES)</u></p> <p>DATA: Oil tank gages-King Telegage Corp., N.Y., N.Y. California Gage & Equip. Co., Los Angeles, Calif.</p> <p>LOCATION: Forward & After Engine Rooms & Stbd Motor Room</p> <p>CONDITION: Out of calibration, inoperative; air lines plugged and/or broken.</p> <p>QUAN/SIZE: Seven (7) Gages for the following Fuel Oil Tanks: No.14 P/S; No.17 P/S; (Settling tanks) No.15 P/S; and No.18 P/S Deep tanks; No.21, 22 and 23 C/L Deep tanks.</p>

(contd on Page No.5)

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ADDENDUM - VOY REPAIR LIST - DRYDOCKING - VOY No.153 (contd from Page 4)

ITEM No.	PRIORITY	SUBJECT & DESCRIPTION
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130 (contd from Page 4)

LIQUID LEVEL INDICATORS - (King Gages)

RECOMD: Provide labor and material & services of manufacturer's representative to overhaul & repair the above named tank gages. Renew all tubing & materials found necessary to place gages in design operating condition.

131

2

SUBJECT: SHEATHING - AIR INTAKE

DATA: Approx. 3/16" thick sheathing.

LOCATION: 01-73-2-Q - to - 2-73-0-Q - Boat Deck to 2nd Deck Fan Room 15A.

CONDITION: Deteriorated - holed and leaking thru into overhead Stateroom No.209 and Fan Room 15A.

QUAN/SIZE: Two feet wide by four feet long; approx. twenty-five feet high (2' X 4' X approx. 25')
2nd Deck to 01 Deck.

RECOMD: Remove all necessary interferences from Air Intake Duct. Crop out old deteriorated metal & renew all sheathing and prove same water tight to prevent leakage into Staterooms, overhead paneling and Fan room.

132

2

SUBJECT: PIPING VENTS POTABLE WATER TANK

DATA: None

LOCATION: Fr: 76-02-1 and 76-02-2

CONDITION: Piping has deteriorated to the point where it has broken off in some places.

QUAN/SIZE: Two (2) sections of pipe two and one-half inches by eight feet (2 1/2" X 8') bent in the shape of "U" bend at top end (GooseNeck). Two (2) Ball checks two and one-half inches by five inches (2 1/2" X 5")

RECOMD: That labor & materials be furnished to crop off about eight feet (8') of 2 and one-half inch (2 1/2") piping on each sounding tube and renew same using original as sample. One end will have to be threaded so that ball check can be installed - the other end to be welded.

(contd on Page No.6)

ADDENDUM -VOY REPAIR LIST - DRYDOCKING - VOY No.153 (contd from Page 5)

ITEM No.	PRIORITY	SUBJECT & DESCRIPTION
133	2	<p>SUBJECT: <u>PIPING - SALT WATER</u></p> <p>DATA: Condenser Cooling Water line</p> <p>LOCATION: Reefer Flat - 6-9Ø-2-Q (Supply to No.5 & No.6 Condenser)</p> <p>CONDITION: Line is deteriorated beyond repairs.</p> <p>QUAN/SIZE: One (1) three inch line thrity-eight inches long (3" X 38") Two (2) Seven inch diameter flanges (7") on each end with four (4) 5/8" bolt holes. Also two (2) "T" reducer off sticker two inches (2") with six inch (6") flanges with four (4) 5/8" bolt holes. Off stickers are 3-3/4" from one end of pipe and eleven inches (11") from the other end of pipe. (Supply to condensers)</p> <p>RECOMD: That labor and materials be furnished and piping be removed; use as Sample for fabricating a new pipe. Install same and test for leaks. Survey complete supply line for deterioration. Renew same if found necessary - approx. one hundred feet (100') of three inch (3") piping.</p>
134	2	<p>SUBJECT: <u>MAIN CIRCULATOR PUMP - SUCTION LINE</u></p> <p>DATA: Dwg: No.95Ø1-37-C-1 - Arrgt. of Main Circ. Water piping. Ship's Dwg. No.948Ø-165 Pipe sizes: 2Ø inch High & Low Injection & 14 inch Bilge Injection.</p> <p>LOCATION: AFTER Engine Room - 6-136-2</p> <p>CONDITION: Main circulator suction line is holed and deteriorated at inlet of pump casing flange approx. three inches (3") outboard of flange in area of bracket. (Patch welded on by M&R shops.)</p> <p>QUAN/SIZE: Approx. twenty feet (20') of twenty inch (2Ø") extra heavy welded steel ASTH 53-36 and four feet (4') of fourteen inch (14") piping of the same material, to include all necessary special welded type elbows.</p> <p>RECOMD: Crop out & remove deteriorated section of Injection piping from the following terminuses: High sea injection valve, low sea injection valve, emergency bilge suction valve to Main Circulator Pump Inlet casing flange. Using renewed section of piping as templet, fabricate & install new section of suction piping using new gaskets, studs and nuts. Test and prove tight to satisfaction of Chief Engineer and MSTs Inspector. All work to comply with existing USCG regulations.</p>

ADDENDUM - VOY REPAIR LIST - DRYDOCKING - VOY No.153 (contd from Page 6)

ITEM NO.	PRIORITY	SUBJECT & DESCRIPTION	
135	2	SUBJECT:	<u>FLOOR PLATE SUPPORTS</u>
		DATA:	N/A - 3/8" Angle Iron
		LOCATION:	Fore & Aft Engine Rooms
		CONDITION:	Deteriorated and or non-existent.
		QUAN/SIZE:	Thirty (30) three inch by three inch by three-eighths inch (3" X 3" x 3/8") Angle Iron cleats. (Fifteen (15) in each Engine Room)
		RECOMD:	Provide labor and material to remove old deteriorated floor plate supports in both Engine Rooms and weld new cleats onto tank tops (Work to be accomplished in conjunction with No.5 & No.7 Fuel Oil Tank hot work) Weld one side of angle iron cleats to Tank top and the other side to be drilled with approx. 11/16" hole for 5/8" bolts so stanchions can be installed for floor plate framing supports.
136	2	SUBJECT:	<u>PIPING- SANITARY LINE</u>
		DATA:	Galvanized pipe -Six Inch (6") valve - NOTE: See Item No.5 of this Voy Repair List - Voy 153 dtd 18 Jul 1966.
		LOCATION:	6-128 - 133-2 - AFTER Engine Room
		CONDITION:	Deteriorated, holed & leaking
		QUAN/SIZE:	Approx. thirty feet (30') of six inch (6") piping shaped with flange and three (3) ninety degree 90° bends and one (1) two and one-half inch (2 1/2") Fire Main off-sticker and one (1) one and one-half inch (1 1/2") off-sticker to feed pump coolers.
		RECOMD:	Provide labor and material to remove deteriorated line. Use line as target to fabricate new line. Install same and prove tight to vessel's Chief Engineer and MSTs Inspectors.
137	2	SUBJECT:	<u>STORAGE SPACE - FORWARD STACK</u>
		DATA:	N/A
		LOCATION:	Ø3-1ØØ-1 - SUN DECK
		CONDITION:	Non-Existant. Complete platform on aft end of Stack can be utilized for storage space.
		QUAN/SIZE:	One (1) Watertight door, Hand Rail and expanded metal screen.
		RECOMD:	Provide labor and material to burn out an access in STBD side of Forward Stack and install a Dog type Watertight Door so that the platform on aft end of the stack on Ø3 Level can be used for storage space. At present this is an extensive space and lost as an available spot for sundry materials. (contd on Page 8)

ANN. OVER
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ADDENDUM - VOYAGE REPAIR LIST - DRYDOCKING - VOY No.153 (contd from Page 7)
ITEM No. PRIORITY SUBJECT & DESCRIPTION

137 (contd from Page No.7)

STORAGE SPACE - FORWARD STACK

RECOMM: (continued)

Install an expanded metal screen and guard rail
on Forward end of platform to prevent any
object from falling into machinery space and
to protect any working personnel in the area.

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