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FPO San Francisco, California 96641

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VOYAGE REPAIR LIST - VOYAGE NO. 13A

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I-N-D-E-X T-0

VOYAGE REPAIR LIST - VOYAGE NO. 13A

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VOYAGE REPAIR LIST, VOYAGE No. 13A, USNS GEN JOHN POPE, (T-AP 110)

ITEM 1 PRI. 1 SUBJ: TUBE, #1 BOILER

DATA: UPPER BACK WATERWALL HEADER CIRCULATING TUBE, 2" x 19+"

LOCATION: Forward Engine Room, 3/102/0

CONDITION: Leaking between tube and steam drum plate, pitted and appears to be over rolled.

QUANTITY: One (1) two (2) inch diameter, approximately 19" long.

RECOMMEND: Provide labor and material to remove tube from header and steam drum; determine steam drum tube land is smooth, true and free of cuts or pitting; shape replacement tube using removed tube as a mandril, securely roll in header and steam drum plate. Test to 450 lb. hydro and prove satisfactory.

ITEM 2 PRI. 2 SUBJ: PIPING, MAIN SALTWATER CIRCULATING; CROSS-OVER

DATA: 10" COPPER, approximately twenty (20) feet long

LOCATION: After Engine Room, 7-140-0

CONDITION: Holed and saddle patched.

QUANTITY: 10" one (1) section, approximately twenty (20) feet in length.

RECOMMEND: Provide labor and material to section or patch plate deteriorated pipe, test and prove tight.

ITEM 3 PRI. 2 SUBJ: SMOKE DETECTOR - MOTOR PUMP CABINET, INTAKE TUBES

LOCATION: 04-90-1 WHEELHOUSE TOP

CONDITION: HOLED

QUANTITY: Three (3) three inch.

RECOMMEND: Provide labor and material to remove presently installed two (2) intakes and one (1) exhaust tube from vacuum pump and replace with new material. Flanged tubing and three (3) deck penetration involved.

ITEM 4 PRI. 2 SUBJ: DRAIN, STEAM HEATING

DATA: 2 INCH BLACK IRON PIPE: FORTY (40) FEET IN LENGTH.

LOCATION: TROOP COMPARTMENT, #4, Fr. 4-92-0

CONDITION: Holed; sections in area previously removed.

QUANTITY: Forty (40) feet; two (2) inch black iron pipe.

RECOMMEND: Provide labor and material to remove existing deteriorated pipe, install and insulate new.

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ITEM 5 PRI. 2 SUBJ: TANK; HOT WATER TANK & HEATING COIL

DATA: 100 gallon Cylindrical tank

LOCATION: After Engine room; 2-140-2

CONDITION: Holed and silver solder patched by ship's Force.

QUANTITY: Approx. 100 gal cylindrical tank & heating coils.

RECOMMEND: Remove tank in its entirety & install flash heater in place thereof.

NOTE: A search is now in progress of connecting this hot water system with hot water system in #4 hold and eliminate tank heating coil and recirculating pump now installed in #4 Hold.

ITEM 6 PRI. 2 SUBJ: TANK, REFRIGERATOR DRAIN

DATA: Approximately 33" x 60" x 360"

LOCATION: Fr. 101 to 102 C/L

CONDITION: Unable to pump tank below 5" in sounding.

QUANTITY: Two (2) three (3) inch suction lines.

RECOMMEND: Provide labor and material to clean drain tank, open for inspection and repair of two internal suction line. Crop off each internal suction line to solid stock and replace with new material led to 1/2" pipe diameter from bottom of the tank.

ITEM 7 PRI. 2 SUBJ: DECK CROWN; FORWARD STACK

DATA: Plans available on board vessel.

CONDITION: Wasted beyond economical repair.

QUANTITY: One as per available plan.

RECOMMEND: Provide labor and material to remove presently installed wasted deck and replace with new material of original dimensions. Ship weld to prevent drawing or buckling of outer stack plating.

ITEM 8 PRI. 2 SUBJ: PADEYES

LOCATION: 1-103-3; 1-103-2; 1-112-1 and 1-112-2

CONDITION: Non-existent.

QUANTITY: Four (4) padeyes; four (4) feet inboard of fish plating.

RECOMMEND: Provide and weld four (4) padeyes to overhead beam at the above location. These padeyes should be of 3/4" disc stock with a 3" dia. eye.

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ITEM 9 PRI. 2 SUBJ: VENTILATION, AIR INTAKE & PLENUM CHAMBER C-0201-E

DATA: Plenum Chamber 6 feet x 9 feet x 8 feet Plenum  
Chamber Duct to Fan Room #12; 8 ft x 2½ ft x 26 ft.

LOCATION: 2-155-0 to Ø2-155-0

CONDITION: Badly in need of scaling and painting

QUANTITY: Plenum Chamber Duct 546 sq.ft.  
Plenum Chamber 348 sq.ft.

RECOMMEND: Provide labor and material to scale plenum  
chamber, access, air filter racks, louvre  
interior side, overhead & deck to bare metal.  
Apply two (2) coats of Wetsall paint to entire  
area and one (1) coat of light machinery gray to  
the deck of access chamber.

NOTE: Access doors and dogs frozen.

ITEM 10 PRI. 2 SUBJ: PIPING, EVAPORATOR BLOW; MAKEUP

DATA: 2" Extra Heavy Black Iron.

LOCATION: Fwd. Engine Room, 6-1403-1

CONDITION: Wasted and patched.

QUANTITY: One (1) section; two (2) inch black iron, extra  
heavy, flanged on each end, shaped.

RECOMMEND: Provide labor and material to fabricate and  
install replacement section.

NOTE: Wasted & patched section may be used as a template.

ITEM 11 PRI. 2 SUBJ: VENTILATION; AIR INTAKE & PLENUM CHAMBER B-0202-1E

DATA: One (1) frame wide, (33"), eight (8) feet in length  
and twenty-six (26) feet from Ø2 deck head frame 123-1  
to 2-deck head frame 123-0.

LOCATION: 2-123-0 to Ø2-123-1; #11 Fan Room to Weather Deck  
access.

CONDITION: Badly in need of scaling and painting.

QUANTITY: Plenum Chambers Duct 556 sq.ft.  
Plenum Chamber 277 sq.ft.

RECOMMEND: Provide labor and material to scale plenum  
chamber access, air filter racks, louvre interior  
side, overhead and deck to bare metal. Apply  
two (2) coats of Wetsall paint to entire area  
and one (1) coat of light machinery gray to the  
deck of access chamber.

NOTE: Some 30% of louvres are distorted but intact. Dogs frozen  
on access door.

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ITEM 12 PRI. 2 SUBJ: LIFEBOAT DAVIT MOTOR ARMATURE, REPAIR OF

DATA: GEN ELEC CO., MFG DWG. No. K-6630561 - 25 HP  
90 AMPS, 1750 RPM, 230V MFG. ID MOD 55A655  
CID No. 172501121 ARMATURE MFG TAG No. K8911783-G-9

LOCATION: ELECTRIC SHOP

CONDITION: Armature coils grounded.

QUANTITY: ONE (1)

RECOMMEND: Furnish labor and material to remove grounds  
from armature coils. Return to Electric Shop.

ITEM 13 PRI. 2 SUBJ: MOTOR REWIND, S2-28-2 Ventilation

DATA: BALDOR ELEC CO., ST. LOUIS, Mo. Mod No. 23B3D  
Specifications 4530, H.P. 3/1/6. 230V DC  
Serial No. N21892, Winding No. C848X, RPM 1725/1400,  
Amps 11.8/6.9, Temp: 45° C., continuous, Navy Contract  
MOBS 11539-66385,

LOCATION: Electric Shop

CONDITION: Low readings in field winding.

QUANTITY: One (1) motor, 3/1/6 H.P.

RECOMMEND: Provide labor and material to remove field  
windings from ship to Repair Shop and rewind as  
per latest M.S.T.S. Specifications and return  
to vessel.

ITEM 14 PRI. 2 SUBJ: VENT, S-1-95-2 FAN, REPAIR OF

DATA: 18 $\frac{1}{2}$ " x 9" Sheet Metal Squirrel Cage Fan, I. C. Room

LOCATION: Pickup in Electric Shop

QUANTITY: One (1)

CONDITION: Hub of squirrel cage fan broken and pulled  
loose from spot welds.

RECOMMEND: Provide labor and material to repair fan and  
balance as a unit. Return to Electric Shop.

ITEM 15 PRI. 2 SUBJ: VENT, E-1-127-2 MOTOR ARMATURE, REWIND OF

DATA: MILCO UNIFRAME, THE B.A. WESSENE ELEC., CO.  
H.P. 1.3/3 - RPM 1310/1750 - 5.9/12 AMP, 230V  
Serial No. 77467, type HV-Fr. 225, Evaporator Flat.

LOCATION: Pickup in Electric Shop.

QUANTITY: ONE (1)

CONDITION: Coils shorted in armature, commutating bars  
wore down.

RECOMMEND: Provide labor and material to rewind armature  
and renew commutator. Return to Electric Shop.

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ITEM 16 PRI. 2 SUBJ: PLUNGERS, PUMP, MAIN BOILER FEED

DATA: WORLINGTON THILEX

LOCATION: MACHINE SHOP

CONDITION: SCORED

QUANTITY: SEVEN (7)

RECOMMEND: Provide labor and material to recondition seven (7) plungers, machine to original O.D. and return to vessel.

ITEM 17 PRI. 2 SUBJ: SLOTTED HEAD, MILLING MACHINE

DATA: KEARNEY & TRECKER MILWAUKEE, 2H Univ., Ser #854849

LOCATION: MACHINE SHOP, AFTER ENGINE ROOM, 5-134-1

QUANTITY: ONE (1)

CONDITION: Base for slotter head, part No. 8-6499, cracked in two (2) places, body of slotter head galled  $\frac{1}{4}$  oversize, part #14 of assembly #8-6517, retainer ring oversize.

RECOMMEND: Provide labor and material to pick-up slotter head parts from the vessel; Vee out cracked in part #8-6499, braze and machine to original O.D. & I.D.; bore slotter head body and install liner to fit plug; turn out new retainer ring to fit plug. On completion return to vessel.

ITEM 18 PRI. 2 SUBJ: TYPEWRITER, REPAIR OF

DATA: UNDERWOOD, TOUCHMASTER, Ser No. 15-9649434

LOCATION: Engine Storeroom, #5 Hold

CONDITION: Ribbon mechanism in-operative at striking area.

QUANTITY: ONE (1)

RECOMMEND: Provide labor and material to clean and repair the typewriter.

ITEM 19 PRI. 2 SUBJ: LIFEBOATS

DATA: RELEASE LEVER EMBOSSED LETTERING TO COMPLY WITH COMSTS 9284.3B, Art. 6.3.e

LOCATION: IN DAVITS - PORT & STARBOARD.

CONDITION: Outdated "RELEASE LEVER". Existing plates state "DANGER - LEVER RELEASES HOISTS should say "DANGER - LEVER DROPS BOAT".

QUANTITY: TWENTY (20)

RECOMMEND: Provide and handle install for Kettmer Releasing gear with embossed or raised letters. "DANGER - LEVER DROPS BOAT". TO COMPLY WITH COMSTS 9284.3B, ARTICLE 6.3.e IN ACCORD WITH ROUTE SHEET #217 USNS POPE, 2 JULY 1968.

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ITEM 20 PRI. 2 SUBJ: VENTILATION, EXHAUST E-1-58-1

DATA: GEN ELEC CO., MOD. #5BC74AB1252; TYPE B C; H.P. rating 1/2, AMPS 2.4; 230V, D.C., 1725 RPM, Compound, frame #74A; GEI 667.

LOCATION: Resistor Room, 1-59-1

CONDITION: Motor, Fan, Resistor and Controller missing.

CONTROLLER DATA: CUTLER-HAMMER, Ser No. C1414154, HP 1/2, 230V D.C., Heater Coil #914H3765A; Armature resistor, manual, non-automatic.

DESCRIPTION: Provide labor and material to replace entire unit.

DRY DOCKING REPAIR LIST - USNS POPE, (T-HP 114)

ITEM 1 PKI. 1 SUBJ: VALVE, BOILER BLOW, SKIN VALVE

DATA: 1½" N.F.S. Flanged, 644# Forged Steel, Globe, Check Valve.

LOCATION: Forward Engine Room, 6-142½-1

CONDITION: Disc off the stem.

QUANTITY: ONE (1) each, 1½", 644#

RECOMMEND: On Drydock completely overhaul valve and spot weld disc to nut. The attached 644# forged steel angle valve bolted to skin valve will remain a part of ship's material.

ITEM 2 PKI. 1 SUBJ: SEA CONNECTION, BOILER BLOW

DATA: 1½" N.F.S. APPROXIMATELY 6" IN LENGTH, FLANGED AND RE-ENFORCED WITH WEB TYPE GUSSETTS.

LOCATION: Forward Engine Room, 6-142½-1

CONDITION: Holed and cement patched.

QUANTITY: 1½" N.F.S. approximately 6" in length, flanged and re-enforced.

RECOMMEND: On Drydock, provide labor and material to remove cement patch and deteriorated Sea Connection. Replace with new material as required by U.S. COAST GUARD AND AMERICAN BUREAU OF SHIPMING.

ITEM 3 PKI. 1 SUBJ: SEA CONNECTION; ONE (1) OVERBOARD

DATA: One (1) inch, re-enforced w/web plate.

LOCATION: After Engine Room, 6-134½-2

CONDITION: Holed and patched.

QUANTITY: ONE (1) INCH, APPROXIMATELY 8" IN LENGTH.

RECOMMEND: Provide labor and material to replace.

ITEM 4 PKI. 1 SUBJ: VALVE, SKIN, 2", MAKEUP EVALuator OVERBOARD, STOP CHECK.

DATA: 2" FLANGED, STOP CHECK, STEEL

LOCATION: Forward Engine Room

CONDITION: Disc off stem.

QUANTITY: ONE (1) 2"

RECOMMEND: Provide labor and material to overhaul valve, in Drydock not in excess of 1/32" float on disc to stem when securely made up &amp; spot welded.