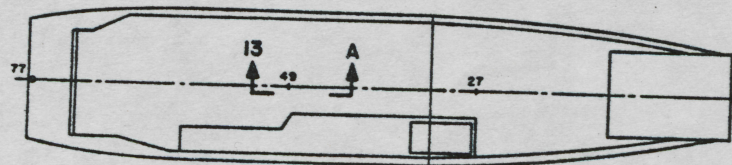


NOTES:

1. ALL FABRICATION WELDING AND INSPECTION TO BE IN ACCORDANCE WITH NAVSEA 0000-LP-014-0010, WELD SIZES BASED ON USE OF AWS A5.1, CLASS E7018 ELECTRODES FOR LC STEEL TO LC STEEL.
2. TEMPLATE ALL WORK FROM LCU AND EQUIPMENT.
3. EQUIPMENT AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH USCS AND ASS REGULATIONS.
4. REPAIR ALL PAINT DAMAGED BY THIS INSTALLATION AND PAINT ALL NEW STEEL IN ACCORDANCE WITH U.S. ARMY TECHNICAL BULLETIN TM43-0108.
5. MATERIAL ORDERED ON THIS DRAWING IS NOT INTENDED TO BE RESTRICTIVE. SUBSTITUTION OF EQUAL QUALITY MATERIAL MAY BE MADE EXCEPT FOR ITEMS MARKED GFE.
6. DEVIATIONS FROM DIMENSIONS SHOWN ARE PERMISSIBLE TO SUIT ACTUAL CONDITIONS FOUND ABOARD THE VESSEL.
7. COMPONENTS SHOWN BY SOLID, HEAVY LINES ARE NEW, ORDERED AND INSTALLED IN ACCORDANCE WITH THIS DRAWING. LIGHT, BROKEN OR PHANTOM LINES INDICATE COMPONENTS EXISTING OR ORDERED ON AND INSTALLED BY DRAWINGS REFERENCED AS NOTED.
8. PROJECTING CORNERS AND EDGES TO BE WELL ROUNDED OR PADDED TO PROTECT PERSONNEL.
9. PIPING SHALL BE SUITABLY SECURED BY PIPE HANGERS TO PREVENT VIBRATION AND PROTECT AGAINST DAMAGE IN ACCORDANCE WITH NAVSEA 004-1306781.
10. PIPING SYSTEMS SHALL BE THOROUGHLY CLEANED BY FLUSHING WITH THE MEDIUM FOR WHICH THE SYSTEM IS INTENDED.
11. ALL THREADED PIPE JOINTS SHALL BE ASSEMBLED USING ANTISEIZE TAPE. PIPING SHALL BE TESTED HYDROSTATICALLY WITH WATER AND ALL JOINTS INSPECTED FOR TIGHTNESS.
12. BULKHEAD PENETRATION SHALL BE IN ACCORDANCE WITH NAVSEA 004-2105001.
13. RELOCATE D.O. TANK OUTLET PICKUP PORT AND STD TANKS TO DIMENSIONS AS SHOWN. SEAL ORIGINAL PENETRATION W.T. BESSE EXISTING VALVES.
14. WORK AREAS ARE TO BE CERTIFIED "SAFE FOR MEN" AND "SAFE FOR HOT WORK".
15. REUSE EXISTING FLANGE HARDWARE.

REFERENCE DRAWINGS		
NO.	DRAWING NO.	TITLE
1	011-4634414	DIESEL OIL PIPE ARMY
2	103-4634367	TANK BOTTOM FLAT
3	009-4634413	FLUSH AND FRESH WATER ARMY



KEY PLAN 6-A
SCALE NONE

SUPPLIER		PARTS LIST		SPECIFICATION		MATERIAL	
YARD	NO.	QTY	DESCRIPTION	QTY	DESCRIPTION	QTY	DESCRIPTION
YARD	V-2	82006	11270R-8-7	1	VALVE, BALL, 1" IPS, THD (STOCKHAM)	CONL	BRASS
YARD	V-1	00604	1200S	1	SWING CHECK VALVE, 1 1/2" (WALWORTH)	CONL	BRONZE
YARD	F-13	00297	18-PC-10-022	1	ELBOW, 90°, FEM, 1" RPT WITH A 1/8-27 RPT GAUGE LINE CONNECTION PORT (L AND L FITTINGS)	CONL	STEEL
YARD	F-12			1	GASKET, FULL FACE, 2" NOM PIPE SIZE	ANSI B16.21	STEEL
YARD	F-11			1	FLANGE, SLIP-ON, 2" IPS, CLASS 150	ANSI B16.5	STEEL
YARD	F-10			1	ELBOW, 90°, 2" IPS, SOCKET WELD, 3000# W.O.G.	ANSI B16.11	F. STEEL
YARD	F-9			1	END FITTING, 2 1/2" IPS (SEE NOTE 12)	CONL	STEEL
GFE	F-8	72423	F16. 0301-250	2	UNION, SIL BRZ WITH RING, 1 1/8" IPS (FLAGE)	CONL	STEEL
GFE	F-7	72423	F16. 0101-250	3	ELBOW, 90°, SIL BRZ WITH RING, 1 1/8" IPS (FLAGE)	CONL	BRONZE
YARD	F-6			1	ELBOW, 90°, 1" IPS, THREADED, 3000# W.O.G.	ANSI B16.11	F. STEEL
YARD	F-5			1	END FITTING, 1 1/8" IPS (SEE NOTE 12)	CONL	STEEL
GFE	F-4	72423	F16. 1631-200	7	UNION, GROUND JOINT, 1" IPS, THREADED, 3000# W.O.G. (FLAGE)	CONL	W.I.
YARD	F-3			2	TEE, 1" IPS, "B", 3000# W.O.G.	ANSI B16.11	F. STEEL
YARD	F-2			10	ELBOW, 90°, 1" IPS, SOCKET WELD, 3000# W.O.G.	ANSI B16.11	F. STEEL
YARD	F-1						
YARD	P-3			AR	PIPE, 2" IPS, SMLS, SCH 40	ASTM A53	STEEL
YARD	P-2			AR	PIPE, 1 1/4" SPS, SMLS, REG WALL THICKNESS	ASTM A53	STEEL
YARD	P-1			AR	PIPE, 1" IPS, SMLS, SCH 40	ASTM A53	STEEL
YARD	8	07373	831-4	AR	ROSE, 1/4" ID X 1/8" OD, W/ 350 PSI (F.H)	CONL	RBR
YARD	8			1	SHEET, 3/16" THK X 36" X 72"	ASTM A36	STEEL
YARD	7	00702	1000B	1	YACHTMAN GAGE KIT, COMBISTS OF YACHTMAN GAGE, 0-15 HG, 1/8" RPT, W/HOSE FITTING, 1/8" RPT X 3/4" AND FEM SWIVEL HOSE FITTING 3/8" SIZE (RACOR)	CONL	VARIOUS
YARD	6			1	ANGLE, 6" X 3 1/2" X 5/16" STE, 7 1/8" L	ASTM A36	STEEL
YARD	5			1	SHEET, 3/16" THK X 18" X 10"	ASTM A36	STEEL
YARD	4			2	ANGLE, 6" X 3" X 1/8" STE, 7 1/8" L	ASTM A36	STEEL
YARD	3	001022-01		8	BRT, HEX, SL FLNG, 3/8" -24 UNF -28 CD PL	ASTM A36	STEEL
YARD	2	000720-00		1	SOCKET, COP, HEX HD, 3/8" -24 UNF -28 X 1" L, CD PL	CONL	STEEL
GFE	1	00700	MODEL 79/1000PE	1	FUEL FILTER/WATER SEPARATOR, RATED FLOW 6.45 GPM, 1" RPT PORTS (RACOR)	CONL	

DESIGN APPROVED DATE 21 JUN 64 DESIGNED BY CHECKED BY APPROVED FOR CONSTRUCTION DATE 21 JUN 64		PARTS LIST DATE 21 JUN 64 CHECKED BY APPROVED FOR CONSTRUCTION DATE 21 JUN 64	
10. APPROVED FOR CONSTRUCTION DATE 21 JUN 64		11. APPROVED FOR CONSTRUCTION DATE 21 JUN 64	
12. APPROVED FOR CONSTRUCTION DATE 21 JUN 64		13. APPROVED FOR CONSTRUCTION DATE 21 JUN 64	

**INSTALLATION OF FUEL
FILTER/WATER SEPARATOR,
LCU 1667 - 1670**

A1 97403 13226E8052
 SCALE 1" = 1'-0"
 SHEET 1 OF 2

