

GENERAL NOTES

- 1. ALL PIPING IN QUARTERS, MESS AND GALLEY PUBLIC SPACES AND NAVIGATING SPACES SHALL BE CONCEALED.
- 2. ALL PIPING AND VALVES SHALL BE MARKED SHOWING ITS SERVICE AND PARTICULAR LIQUID.
- 3. ALL PIPING SHALL BE COLOR CODED IN ACCORDANCE WITH THE NATIONAL COLOR CODE AND SHALL INDICATE DIRECTION OF FLOW.
- 4. ALL LABELING SHALL BE EMBOSSED AND ATTACHED WITH SCREWS.
- 5. TAKE DOWN JOINTS SHALL BE PROVIDED EVERY 20' IN ALL SYSTEMS.
- 6. ALL OVERBOARD DISCHARGES LOCATED ON PORT SIDE BELOW WATER LINE.
- 7. FIRE AND BILGE PIPING TO BE GALV. STL. SCH. 40 ASTM A53 GR. B WITH BRZ. MONEL TRIM VALVES.
- 8. BALLAST PIPING TO BE GALV. STL. SCH. 40 ASTM A53 GR. B WITH BRZ. MONEL TRIM VALVES.
- 9. OVERBOARD DISCHARGES TO BE KEPT STRAIGHT AND WITHOUT BENDS.
- 10. GATE GLOBE AND ANGLE VALVES, 2" AND ABOVE, SHALL HAVE RISING STEMS OUTSIDE SCREW AND YOKE, EXCEPT BALLAST MANIFOLD TO BERNARD.
- 11. AT EACH FIRE PLUG, THERE WILL BE A 50' LENGTH OF 1/2" FIRE HOSE COMPLETE WITH A BACK FOR STOWAGE AND ITS NOZZLE.
- 12. PROVIDE TWO INTERNATIONAL SHORE CONNECTION, FC. NO. 4 IN BILL OF MATL.
- 13. ALL PIPES SUBJECT TO MECHANICAL INJURY OR UNDE VIBRATION SHALL BE ADEQUATELY PROTECTED AND/OR SUPPORTED.
- 14. PIPING SHALL BE THOROUGHLY CLEANED AFTER INSTALLATION AND BEFORE FUNCTION TESTING.
- 15. ACCORDING PROCEDURES SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE FEDERAL REGISTER VOL. 33-245, 46CFR 56.70-15.
- 16. ALL BILGE & BALLAST SUCTIONS TO BE OPENING OF 3" OR MORE, CONSTRANER CLEAR, CLEAR OPENING OF SUCTION PIPE TIMES.
- 17. BILGE LEVEL ALARM TO BE AS FOLLOWS:
 - a. VOID TK. BELOW P/W
 - b. ENG. ROOM
 - c. AFT. TUNNEL
 - d. STEERING COMPT.

OCT 30 1973

SYM	DESCRIPTION
1	GATE VALVE FLD ISO BRZ. MONEL TRIM OS&V
2	ANGLE VALVE FLD ISO BRZ. MONEL TRIM OS&V
3	SWING CHECK VALVE FLD ISO BRZ. MONEL TRIM
4	ANGLE HOSE VALVE FLD ISO BRZ. MONEL TRIM
5	SIMPLEX STRAINER FLD ISO BRZ. MONEL TRIM
6	CONC. REDUCER B.W. SCH 40 GALV. STL.
7	PRESSURE GAUGE FRL. O.T.O. 60 P.S.I.
8	ROSE BOX TYPE STRAINER BUILT BY H.M.S.

REVISIONS	
NO.	DATE
1	1-5-73
2	4-9-73

APPROVALS	
USCG	FCC
USPHS	

U.S. NAVAL SHIP SYSTEMS COMMAND WASHINGTON D.C. 20380	
OCEANOGRAPHIC RESEARCH SHIP AGOR (UTILITY) CLASS	
HALTER MARINE SERVICES, INC. P.O. BOX 28266 NEW ORLEANS, LA. 70128	
BILGE, BALLAST AND FIRE PIPING DIAGRAM	
SCALE: 3/16" = 1'-0"	DATE: 12-1-72
DRAWN BY: DERTUCH	CHKD BY: JONES
HULL NO. 376	HALTER JOB NO. 2188
NAVSHIPS NO. AGOR 21-508-500	REV. 2

