BILL OF MATERIALS

FIG NO	QUAN	SIZE	DESCRIPTION	COST ITEM	P.O. NO	VENDOR	DATE REQ'D YARD	DATE REC'D
1	1 EA	11'-0" DIA	PROPELLER BLADES (SET OF 4) MFG BY UNALLOY (PART)					
2	1 EA		PROPELLER HUB MFG BY UNALLOY (PART)					
3	1 LOT		STRUT FAIRING MATERIAL					
4	2	16"DIA X 1'-0" LG	STRUT FAIRING HOUSING					
5	2	5'-0" DIA	STRUT FAIRING					
6	2	5'-0" DIA	STRUT FAIRING					
7	2	3'-1" DIA	STRUT FAIRING					
8	3	2'-0" DIA	STRUT FAIRING					
9	2		INTERMEDIATE BRG HOUSING 15"OD X 9"ID X 26½" LG					
10	2	33½" LG	CUTLESS BEARING & BACKUP RING					
11	4	8½" DIA	SET SCREW					
12	2		SET SCREW					
13	25	12" DIA	SHIM					
14	4	3/4"	SET SCREW					
15	6	3/4"	SET SCREW					
16	6	3/4"	SET SCREW					
17	2	3/4"	SET SCREW					
18	4	3/4"	150# BRONZE GATE VAL, FF, FLG, CRANE #140 ASTM B62					
19	2	3/4"	3000 # FORGED STL SCREWED COUPLING					
20	4	3/4"	PLUG FF 150 STL ASTM A181 GR I					
21	2	1/8	14"ODX9"ID NEOPRENE GASKET					
22	2	3/4	UNION 150# FF BRONZE FLG. ASTM A47					
23	10	3/4"	PIPE, MILL STL SCH 40 SEAMLESS ASTM A53 GR B					
24	4	3/4"	3000# FORGED STL SCREWED COUPLING					
25	2	3/4"	PIPE, MILL STL SCH 80 ASTM A53 GR B					
26	2	21/2" DIA	150# FF STL FLG					
27	2	8" DIA	½" THK STL DOUBLER PLATE					

NO	DATE	DESCRIPTION
6	11/3/74	CHANGED SYNTRON SHAFT SEAL SIZE TO AS BUILT
5	6/1/76	ADDED SHAFT COATING NOTE
4	4/1/73	ADDED NEOPRENE GASKET BETWEEN SHAFT SEAL & AFT BODY. ADDED FWD STERN TUBE SEAL DIM
3	6/1/73	ADDED FWD CUTLESS BRG, LUBRICATING WATER PIPING SYSTEM & 4 GALL TANK
2	2/1/73	REV'S LINER IN WAY OF STERN TUBE FOR WASTE, REV DIA OF STERN TUBE FOR ENGINEERING CHANGE, REV'S STERN TUBE BORE & DRILLING
1	2/1/73	REV SHAFT LINER POSITION IN WAY OF INTERMEDIATE BRG HSG. REVISION OF SHAFT LINER IN WAY OF STUFFING BOX. REV 2ND DIA OF STERN TUBE. REV FWD STERN TUBE BEARING

REVISIONS

APPROVALS

U.S. NAVAL SHIP SYSTEMS COMMAND
WASHINGTON, D.C. 20360

OCEANOGRAPHIC RESEARCH SHIP
AGOR (UTILITY) CLASS

HALTER MARINE SERVICES, INC.
P.O. BOX 29666 NEW ORLEANS, LA. 70129 00022

PROPSHAFT ARRANGEMENT & STRUT DETAILS

		DATE	CK'D BY	HALTER DWG. NO.
SCALE	NOTED	12-22-72		
DRAWN BY			JOHNSON	
HALTER HULL NO.	575	HALTER JOB NO.	6574	REV.
NAVSHIPS NO.	AGOR 21-209.1102			

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