BILL OF MATERIALS

PC. NO.	QUAN.	SIZE	DESCRIPTION	COST ITEM	P.O. NO.	VENDOR	DATE REQ. YARD	DATE REQ'D
	6'	14"	PIPE BLK STL SMLS ASTM A53 GRB SCH160					
	23'	10"	" " " " " SCH80					
	2¼'	8"	" " " " " SCH160					
	5'	6"	" " " " " SCH80					
	6'	3"	" " " " " SCH160					
	50ft²	½"	STEEL PLATE					
	55ft²	3/8"	"					
	10	½"-10	U.N.C. ST.ST. BOLTS W/NUTS 1¾" LONG					
	20	¾"-10	U.N.C. ST. ST. BOLTS 2" LONG					
	4	7/8"-14	U.N.F. ST. ST. BOLTS 2" LONG					
	6	3/8"-10	U.N.C. ST. ST. BOLTS 1½" LONG					
	4	3/8"	FLAT HEAD ST.ST. BOLTS W/NUTS 1½" LONG					
			ST. ST. STUFF TUBES					
	6		CABLE (TTRS4?)					

GENERAL NOTES

1. ALL DIMENSIONS TO BE VERIFIED BY THE MOLD LOFT.
2. DIAMETERS OF CUTS THRU BTM ℄ TO BE AS FOLLOW:
   a. MOD.353 10 49/64"
   b. MOD.323B 10 53/64"
   c. DEPTH SOUNDER MOD 400A 5 5/8"
   d. SEA CHEST 6¾"
3. ALL CUTS @ THE BTM ℄ [illegible]
4. SPECIAL ATTENTION TO BE GIVEN TO THE MOUNTING OF THE TRANSDUCERS.
5. STUFFING PIPES TO BE USED AS INDICATED @ HULL & PIPE PENETRATION FOR THE CABLES.

SYM	DESCRIPTION	DATE	BY
2	REVISED PER A.B.S MARKED PRINT DATED 5-16-73	5-29-73	
1	CORRECTED WELD SYMBOLS AND COMPLETED SEA CHEST DETAILS	4-9-73	

REVISIONS

W.O. 2-27-73

APPROVALS

ABS
USCG
USPHS
FCC

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

OCEANOGRAPHIC RESEARCH SHIP
AGOR (UTILITY) CLASS

HALTER MARINE SERVICES, INC. 00078
P.O. BOX 29266 NEW ORLEANS, LA. 70129

SONAR BOW DOME

SCALE	AS SHOWN	DATE	FEB.21 1973
DRAWN BY		CK'D BY	
HALTER HULL NO.	375 / 376	HALTER JOB NO.	2187 / 2188
NAVSHIPS NO.	AGOR21-127001		

HALTER DWG. NO. S30
REV. 2

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