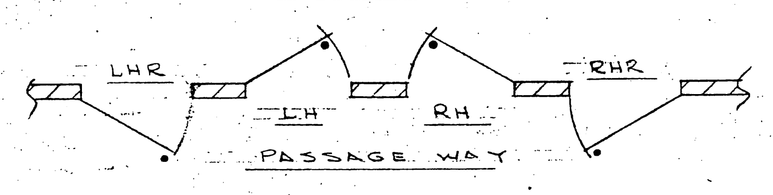
SCHEDULE of OPENINGS

MK	DESCRIPTION	LOCATION FROM	LOCATION TO	QTY	SIZE	LH	LH R	RH	RH R	MAT.	DOG	REMARKS
	PILOT HOUSE	02 LEVEL										
A	WINDOW	P.H. FRONT		5	20"x 60"					1/4" SAFETY GL	—	FIXED IN RUBBER. 1 RIGHT HAND END CLR VIEW SCREEN ONLY
B	WINDOW	P.H. SIDE P/S		6	20"x 60"					1/4" SAFETY GL	—	FIXED IN RUBBER
C	WINDOW	P.H. FRONT		2	20" x 30"					ALUMINUM	—	HINGED AT TOP W/ HOOD.
D	WINDOW	P.H. AFT		6	18"x 86"						—	FIXED IN METAL FRAMES
1	DOOR WEATHER TIGHT	P.H. SIDE P/S		2	24"x 68"	1		1		STL	2	W/DEAD LIGHT & W/LEVER & HANDLE
	FOCSLE DK HSE	01 LEVEL										
2	PORTLIGHTS HINGED	DK HSE BACK & SIDES		6	16" DIA					BRZ	4	W/DEAD LIGHT COVERS
3	DOOR WEATHER TIGHT	FOCSLE DK.	V.L. DOWN (PROJ'G)	1	24"x 60"			1		STL	6	W/DEAD LIGHT.
4	DOOR WEATHER TIGHT	FOCSLE DK.	A/C FAN RM	1	30"x 60"	1				STL	2	W/DEAD LIGHT LEVER HANDLE & INST.
5	DOOR WEATHER TIGHT	FOCSLE DK.	LAB.	1	30"x 54"			1		STL	2	W/DEAD LIGHT LEVER HANDLE & INST.
51	DOOR METAL JOINER	PASSAGEWAY	STATE RM. 1 & 2 LAB.	3	20"x 75⅛"	2		1		STL	—	3 SIDE FRAMES DOORS W/LOUVERS
2	DOOR FUME TIGHT METAL JOINER	PASSAGEWAY	HEAD	1	24"x 72⅛"		1			STL	—	4 SIDE FRAME W/GASKET
1	DOOR FIRE METAL JOINER	PASSAGEWAY	LADDER UP & LADDER TO P.H.	2	24"x 72⅛"				2	STL	—	FIRE SCREEN TYPE W/CLOSURE (4 SIDE FRAME)
29	DOOR METAL JOINER	LAB.	A/C MACH SPACE	1	24"x 75⅛"		1			STL	—	3 SIDE FRAME FULL LOUVER
3	MANHOLE FLUSH W.T.	FOCSLE. DK.	FWD. VOID	1	21" DIA					STL	—	SINGLE BOLT MARHILL #22
F	PORTLIGHT FIXED	DECK HSE FRONT		2	16" DIA					BRZ	—	W/DEAD LIGHT COVERS.
	MAIN DK. QTRS	1ST LEVEL										
14	MAN HOLE FLUSH W.T.	FWD. VOID	CHAIN LKR.	2	15"x 23"					STL	—	BOLTED PLATE STD DWG H 2083
9	DOOR FREEZER	REFER. SPACE	WALK IN FREEZER	1	A/R				1	S/S	—	STL CUTIS 2852 68½ - SEE DWG 3-1
10	DOOR WATER TIGHT	PASSAGEWAY	REFER. SPACE	1	30"x 97"			1		STL	6	
5	DOOR METAL JOINER	PASSAGEWAY HEAD	STATE RM. 3, 4 & 5 SHOWER RM	4	24"x 75⅛"	1		3		STL	—	3 SIDE FRAMES DOORS W/LOUVERS
52	DOOR METAL JOINER	GALLEY AREA MESS AREA	STATE RM. 6 STATE RM. 7	2	24"x 75⅛"	1		1		STL	—	3 SIDE FRAME DOORS W/LOUVER
6	DOOR FUME TIGHT METAL JOINER	PASSAGE WAY STATE RM. 7	HEAD & GALLEY HEAD	3	24"x 72⅛"		1	1	1	STL	—	4 SIDE FRAME W/GASKET
11	DOOR WEATHER TIGHT	MAIN DECK	MESS AREA	1	24"x 54"	1				STL	—	QUICK ACTING W/SCREEN DOOR
7	DOOR FIRE METAL JOINER	GALLEY & MESS	LADDERS UP & DN	2	24"x 72⅛"		1		1	STL	—	FIRE SCREEN TYPE W/CLOSURE 4 SIDE FRAME
12	DOOR WEATHER TIGHT METAL JOINER	MAIN DECK	STACK (P&S)	2	26"x 54"	1		1		STL	6	
13	HATCH FLUSH WATER TIGHT	MAIN DECK	ENGINE ROOM BLOWER	2	48"x 36"					STL	—	BOLTED PLATE SEE DWG 5-7
28	DOOR FUME TIGHT METAL JOINER	STATE RM. 6	HEAD	1	24"x 72⅛"			1		STL	—	4 SIDE FRAME W/GASKET
	MAIN DECK	NO. 1 LEVEL										
15	MAN HOLE FLUSH W.T.	FWD VOID, REFER SPACE STD DWG H 2083	BALLAST TKS BELOW	6	21" DIA					STL	—	SINGLE BOLT MARHILL #22
16	MAN HOLE FLUSH W.T.	MU OF SIDE OF SYMMETRY	BALLAST TKS BELOW	11	21" DIA					STL	—	SINGLE BOLT
17	MANHOLE FLUSH W.T.	MAIN DECK	FO. TKS BELOW	6	15"x 23"					STL	—	BOLTED PLATE
18	HATCH FLUSH W.T.	FWD PASSAGEWAY	BOW THRUSTER COMPARTMENT	1	24"x 24"					STL	—	CUPOUT DWG # 841-F05
19	HATCH FLUSH W.T.	MESS AREA	PASSAGEWAY BLW.	1	44"x 44"					STL	—	BOLTED PLATE SEE DWG 5-7
20	HATCH RAISED W.T.	MAIN DK. AFT STBD SIDE OF P.H.	ENG. RM.	1	80"x 24"					STL	—	QUICK OPENING SEE DWG H 2083 & STD DWG H 2083 E
21	HATCH FLUSH W.T.	MAIN DK. PORT SIDE OF P.H.	STEERING ROOM	1	24"x 24"					STL	4	QUICK OPENING SEE DWG H 2083 & STD DWG H 2083
22	HATCH ESCAPE FLUSH W.T.	MESS AREA	PASSAGEWAY IN HOOD	1	20" DIA.					ALUM. W/STL ATTACH		BALANCE DWG # 841-F07 TYP 1 PC. 20" ROUND SEE 5-8
27	PORTLIGHT FIXED	P/S SIDE SHELL		4	16" DIA					BRZ		W/DEAD LIGHT COVERS
	HOLD & LOWER QTRS	NO. 2 LEVEL										
19	DOOR METAL JOINER	PASSAGEWAY	STATE RMS. 8, 9 & 10	3	24"x 72½"	2		1		STL	—	4 SIDE FRAMES DOORS W/LOUVERS
80	DOOR METAL JOINER	PASSAGE WAY	SHOWER	1	22"x 72⅛"			1		STL	—	4 SIDE FRAME DOORS W/LOUVERS
21	MAN HOLE RAISED W.T.	PASSAGE WAY	POT WATER TK.	1	15" 23					STL	—	BOLTED PLATE STD DWG H 2083
22	DOOR WATER TIGHT	PASSAGE WAY	TUNNEL PORT SIDE	1	20" 60	1				STL	6	QUICK ACTING.
23	DOOR WATER TIGHT	FWD TUNNEL AFT & STBD RM.	ENG RM. AFT TUNNEL	3	20" 60	1		2		STL	6	QUICK ACTING
24	DOOR WATER TIGHT	AFT TUNNEL	STEERING RM	1	24" 60	1				STL	6	W.T. LEVEL HANDLE
26	DOOR FUME TIGHT METAL JOINER	PASSAGE WAY	HEAD	1	24" 72⅛			1		STL	—	4 SIDE FRAME W/GASKET

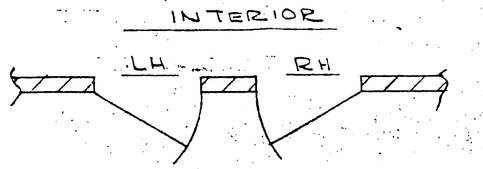
MK	DESCRIPTION	LOCATION FROM	LOCATION TO	QTY	SIZE	LH	LH R	RH	RH R	MAT.	DOG	REMARKS
7	DOOR FIRE METAL JOINER	PASSAGE WAY	LADDER UP	1	24"x 72⅛"				1	STL	—	FIRE SCREEN TYPE W/CLOSURE
28	DOOR EXPANDED METAL	PASSAGEWAY	STBBD RM	1	A/R			1		STL	—	ANGLE FRAME & EXPANDED METAL
12	MANHOLE FLUSH OT	PASSAGE WAY MOLD	FO TKS # 1 P/S	2	15" 23					STL	—	BOLTED PLATE STD DWG H 2083
12	MANHOLE FLUSH OT	TUNNEL P/S	FO TKS #2 & 3 P/S	4	15" 23					STL	—	BOLTED PLATE STD DWG H 2083
12	MANHOLE FLUSH W.T.	TUNNEL P/S	SEWAGE TKS	2	15" 23					STL	—	BOLTED PLATE STD DWG H 2083
21	MANHOLE RAISED OT	ENG. ROOM.	DAY TK S P/S LUBE OIL P/S DIRTY OIL TK STBD	6	15" 23					STL	—	BOLTED PLATED STD DWG H 2083
23	HATCH FLUSH W.T.	PASSAGE WAY	TRANSDUCER TRUNK	1	46" 46"					STL	—	BOLTED PLATE SEE DWG 5-8
24	HATCH FLUSH W.T.	TRANSDUCER TRUNK	TO OUTER SHELL	1	28" DIA					STL	—	BOLTED PLATE SEE DWG 5-2

CABIN SIDE



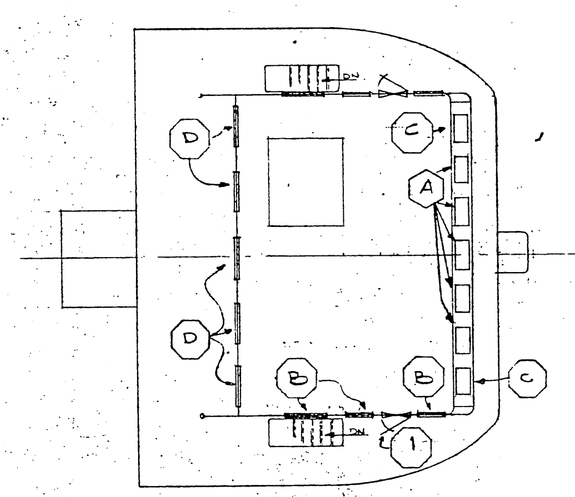
JOINER DOORS

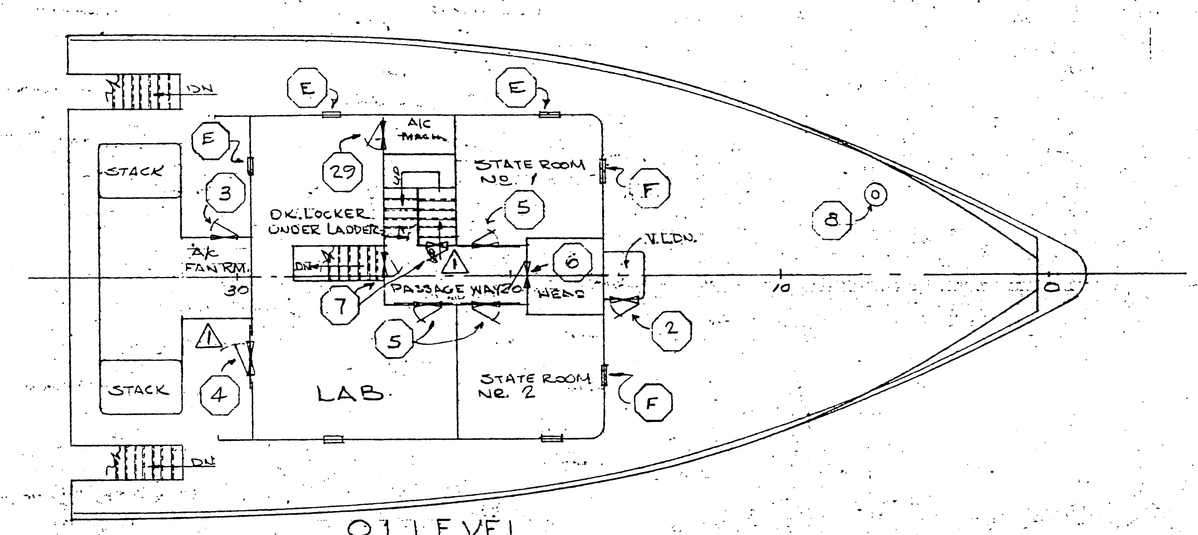
INTERIOR

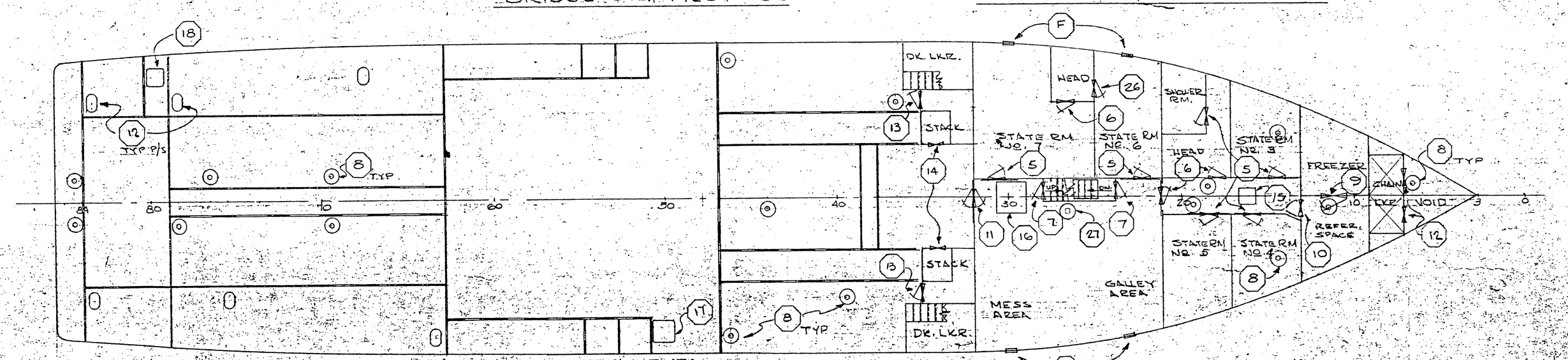


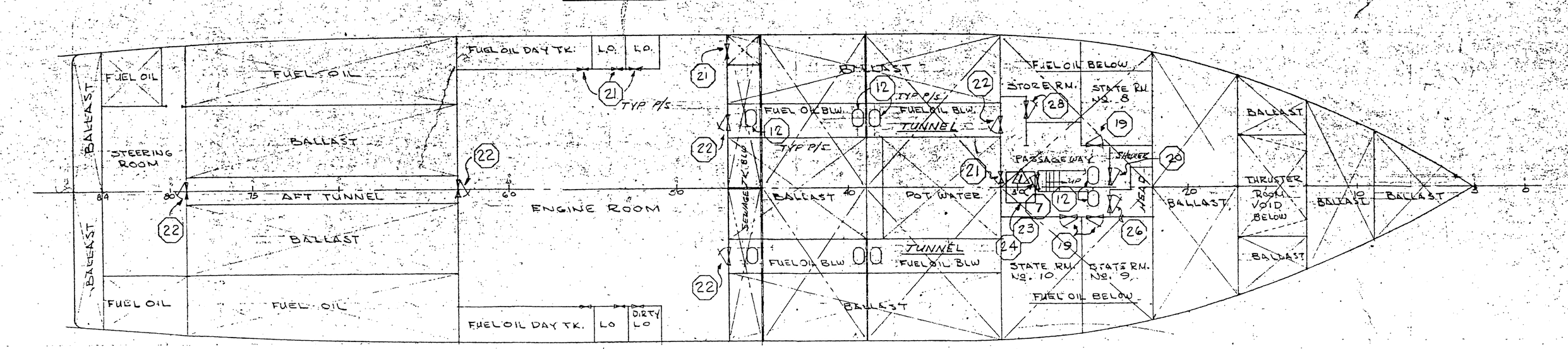
WATER TIGHT DOORS

GENERAL NOTES:
1. SIZE COLUMN IN SCHEDULE DENOTES CLEAR OPENING OF DOOR, WINDOW OR MANHOLE.
2. NUMBERS IN THE "MK" COLUMN DESIGNATIONS FOR DOORS & MANHOLES.
3. LETTERS IN THE "MK" COLUMN DESIGNATIONS FOR WINDOWS & PORTLIGHTS.
4. CEILING HEIGHT TO BE HELD @ 8'3" FROM DK. IN HOLD, TKS, FOCSLE DK & DK HSE OF LEVEL.









NO	DESCRIPTION	DATE	APP'D
1	ADDED DOOR #5 LADDER TO P/S & 2 SCREEN DR. IN LOWER QTRS. REVISED DOOR #2 SAT. IN STBD.	5/14/73	
	REVISIONS		

APPROVALS	
ABS	FOC
USCG	
USPHS	

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

OCEANOGRAPHIC RESEARCH SHIP
AGOR (UTILITY) CLASS

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

SCHEDULE OF OPENINGS

SCALE:	N.T.S.	DATE:	12/19/73	HALTER DWG. NO.
DRAWN BY:	J.R. SMITH	CK'D BY	JOWERS	C-29
HALTER HULL NO.	375 & 376	HALTER JOB NO.	218 & 2188	
NAVSHIPS NO.	AGOR 21-123-604	REV.	1	

GYRE-0148