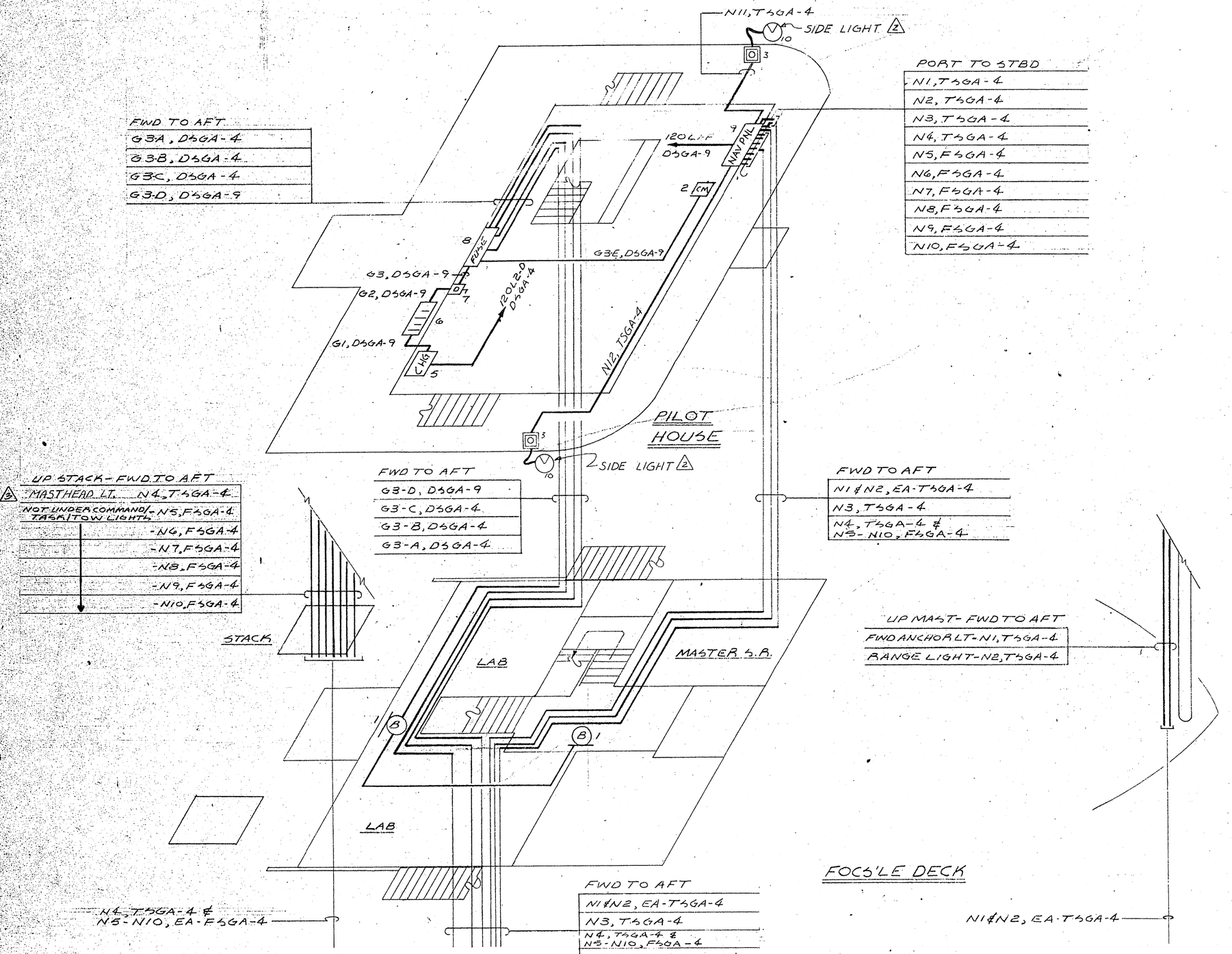
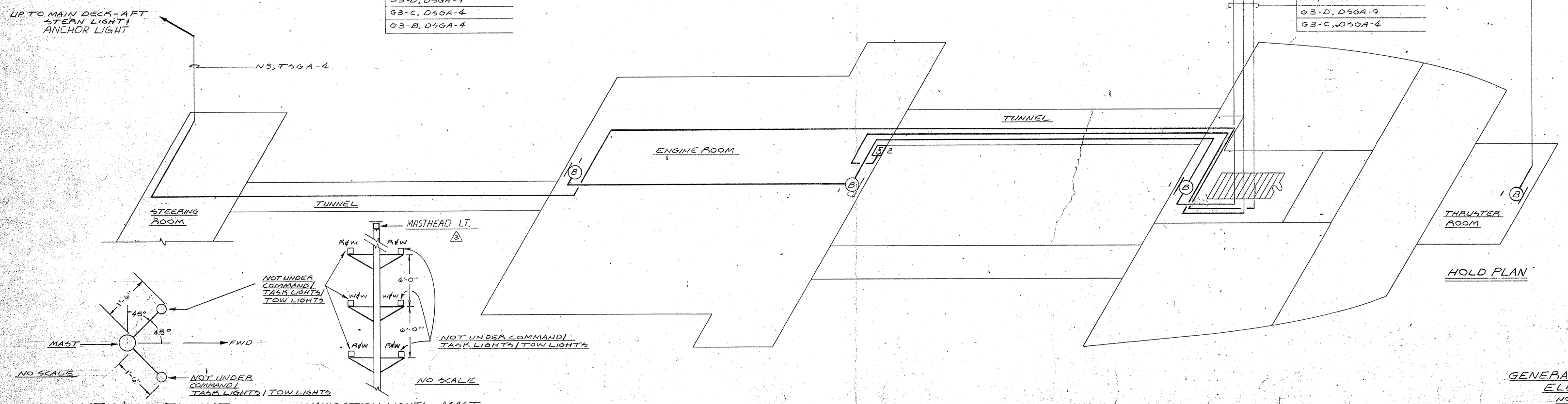
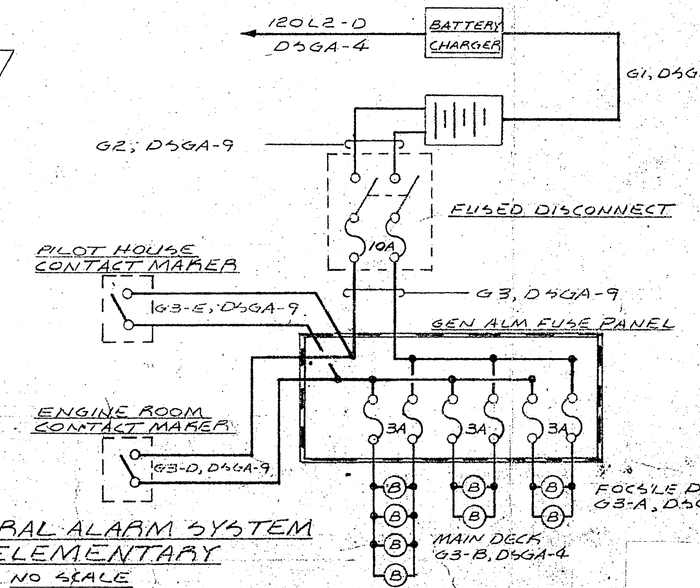
BILL OF MATERIAL

SYM	SYM NO.	QUAN	DESCRIPTION	MANUFACTURER	REMARKS
	1	8	GEN ALM BELL, 8", 12 VDC, UOTV-8	HOSE MCCANN	
CM	2	2	CONTACT MAKER, 833	PAULUHN	
	3	18	RECEPT., SINGLE, W.T., SVI, 6 P. ROUND PIN SQUARED, BRASS, AND TYPE, E-638	PAULUHN	W/420-6 P PLUG
	4	2	JUNCTION BOX	HOFFMAN	BY HALTER
CHG	5	1	BATT CHGR, 120VAC IN, 12VDC OUT, A22-10-12V(6)A1	LA MARCHE	AUTO TRICLE
	6	1	BATTERY, 12V, 100AH CAPACITY, M39H	CRESCENT	SLOW DISCHARGE
	7	1	FUSED DISCONNECT SWITCH, W.T. 45251	SQUARE "D"	
FDPC	8	1	FUSED DISTRIBUTION PANEL	HALMAR	W/3 2P CIRCUITS
NAV PNL	9	1	NAVIGATION LTS PANEL	HALMAR	W/12 2P CIRCUITS
	10	2	SIDE LIGHTS — RED & GREEN, 1150 NO.2	PERKO	10PT, BRASS, DUAL FIL
NOT SHOWN	11	4	NOT UNDER COMMAND/TASK/TOWING LIGHTS, W/FRED (TOP) & CLEAR (BOTTOM) LENS FIG 1165 (MODIFIED)	PERKO	BRASS, DUAL BULB SEE NOTE 2
3	13	2	ANCHOR LTS, WHITE, 1169 NO.2	PERKO	32 PT, BRONZE DUAL FIL
	14	1	RANGE LIGHTS — WHITE, 1151 NO.2	PERKO	20 PT, BRASS, DUAL FIL
	15	1	STERN LIGHT, WHITE, 1152 NO. 2	PERKO	12 PT. BRASS, DUAL FIL
	12	2	NOT UNDER COMMAND/TASK/TOWING LIGHTS, CLEAR LENS, FIG 1165 (MODIFIED)	PERKO	BRASS, DUAL BULB SEE NOTE 2
3	13	1	ANCHOR LT., WHITE, 1169C, MODIFIED SEE NOTE 3.	PERKO	32 PT. BRNZ - DUAL FIL.

NOTES:
1. ALL MATERIALS & THE INSTALLATION THEREOF SHALL BE IN ACCORDANCE WITH USCG, TITLE 46, CFR PARTS 110 TO 113 INCLUSIVE.
2. TOP LENS OF DUAL LENS FIXTURE TO BE WITHOUT A SHIELD TO PROVIDE 32 POINT (360°) LIGHT ANGLE BOTTOM LENS TO BE CLEAR WITH A SHIELD TO PROVIDE 20 POINT (225°) LIGHT ANGLE.
3. ANCHOR LT. IS MODIFIED BY USE OF A SCREEN TO BE A 20 POINT MASTHEAD LIGHT







SYM	DESCRIPTION	DATE	BY
	REVISIONS		
3	REVISED TO SUIT "AS-BUILT" CONDITION	10/24/73	EDCS
2	MOVED SIDE LTS FROM ROOF OF PILOT HSE TO BRIDGE WINGS	5/25/73	EDCS
2	REVISED "ANCHOR" LIGHTS ON BILL OF MATERIALS TO MODEL #1169		TB
1	REVISED NUC/TASK/TOWING LIGHTS	2-16-73	EDCS

W.O. 1-50-73 CONSTRUCT 3-26-73

APPROVALS

ABS A-1 4-9-73

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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

NAVIGATION LTS & GENERAL ALARM ISOMETRIC WIRING DIAGRAM

SCALE	3/16" = 1'0"	DATE	12-22-72	HALTER DWG. NO.	
DRAWN BY	EDCS, CPA	CK'D BY			E-6
HALTER HULL NO.	375-76	HALTER JOB NO.	2187-88		
NAVSHIPS NO.	AGOR 21-400-001			REV.	2

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