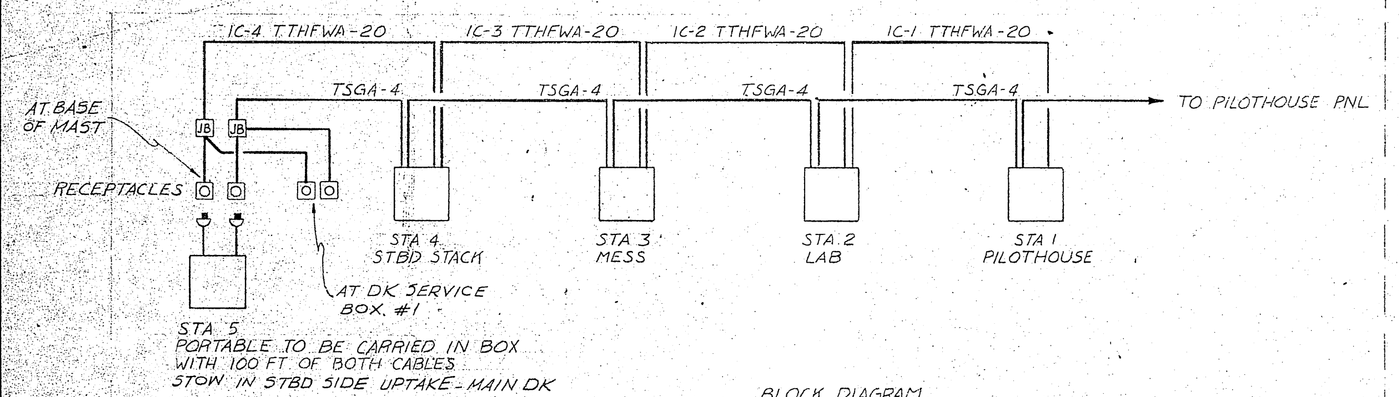
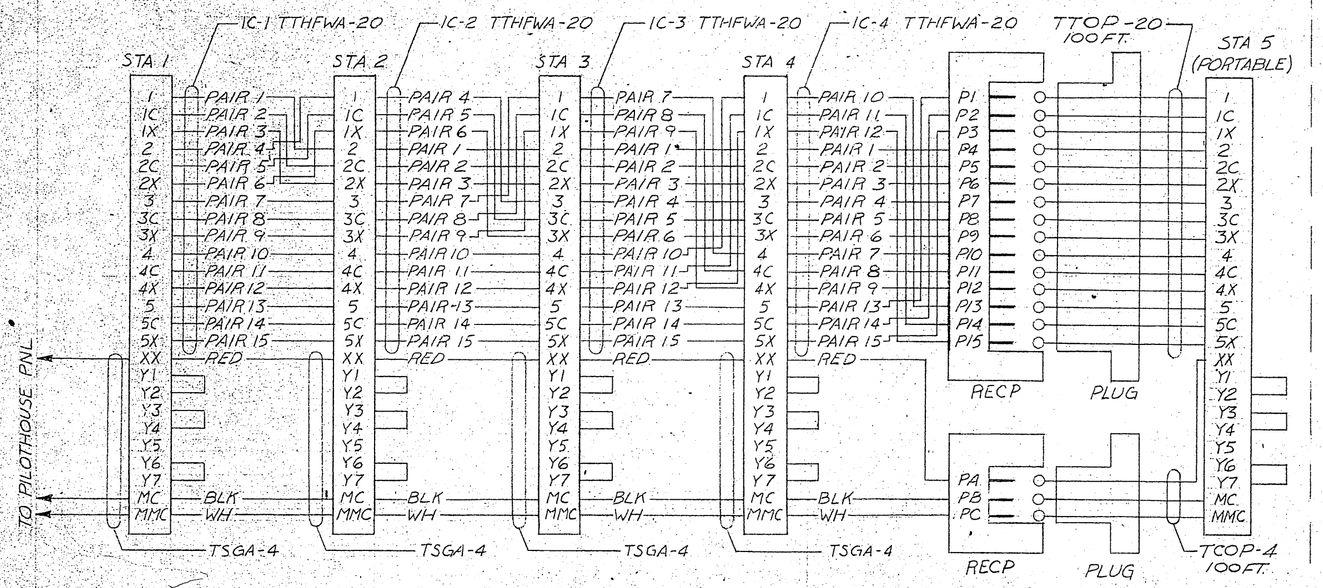


BLOCK DIAGRAM



INTERCONNECTION DIAGRAM

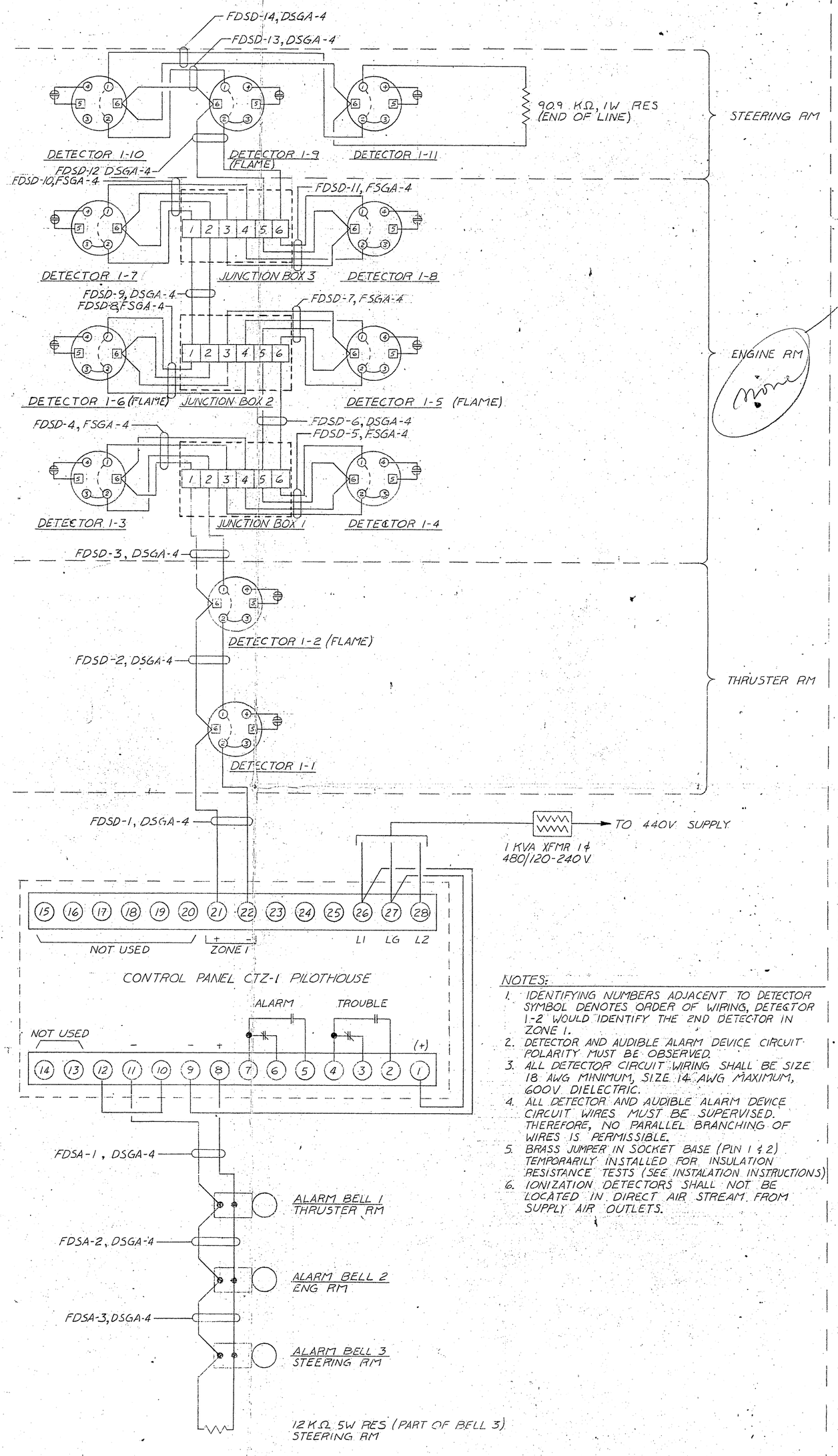
COLOR CODE SCHEDULE

PAIR	
1	WH & BLK
2	RED & BLK
3	GRN & BLK
4	O & BLK
5	BL & BLK
6	BRN & BLK
7	GRY & BLK
8	Y & BLK
9	PURP & BLK
10	TAN & BLK
11	PINK & BLK
12	RED & WH
13	GRN & WH
14	O & WH
15	BL & WH

NOTES:

1. SYMBOLS SUCH AS IC, IX, ETC REFER TO TERMINAL STRIP DESIGNATIONS. OTHER SYMBOLS REFER TO INDIVIDUAL CONDUCTORS IN THE TTHFWA CABLE.
2. TERMINALS MC AND MCC ARE FOR 115 VOLTS AC. TERMINAL XX IS THE SIGNAL CIRCUIT COMMON. THESE TERMINALS SHOULD BE INTERCONNECTED WITH TYPE TSGA CABLE ON SYSTEMS OF UP TO 11 STATIONS.
3. JUMPERS ARE FACTORY INSTALLED FROM TERMINALS Y1 TO Y2, Y3 TO Y4, AND Y6 TO Y7 FOR NORMAL OPERATION.
4. TO DISABLE LOUDSPEAKER, REMOVE JUMER FROM TERMINAL Y3 TO Y4

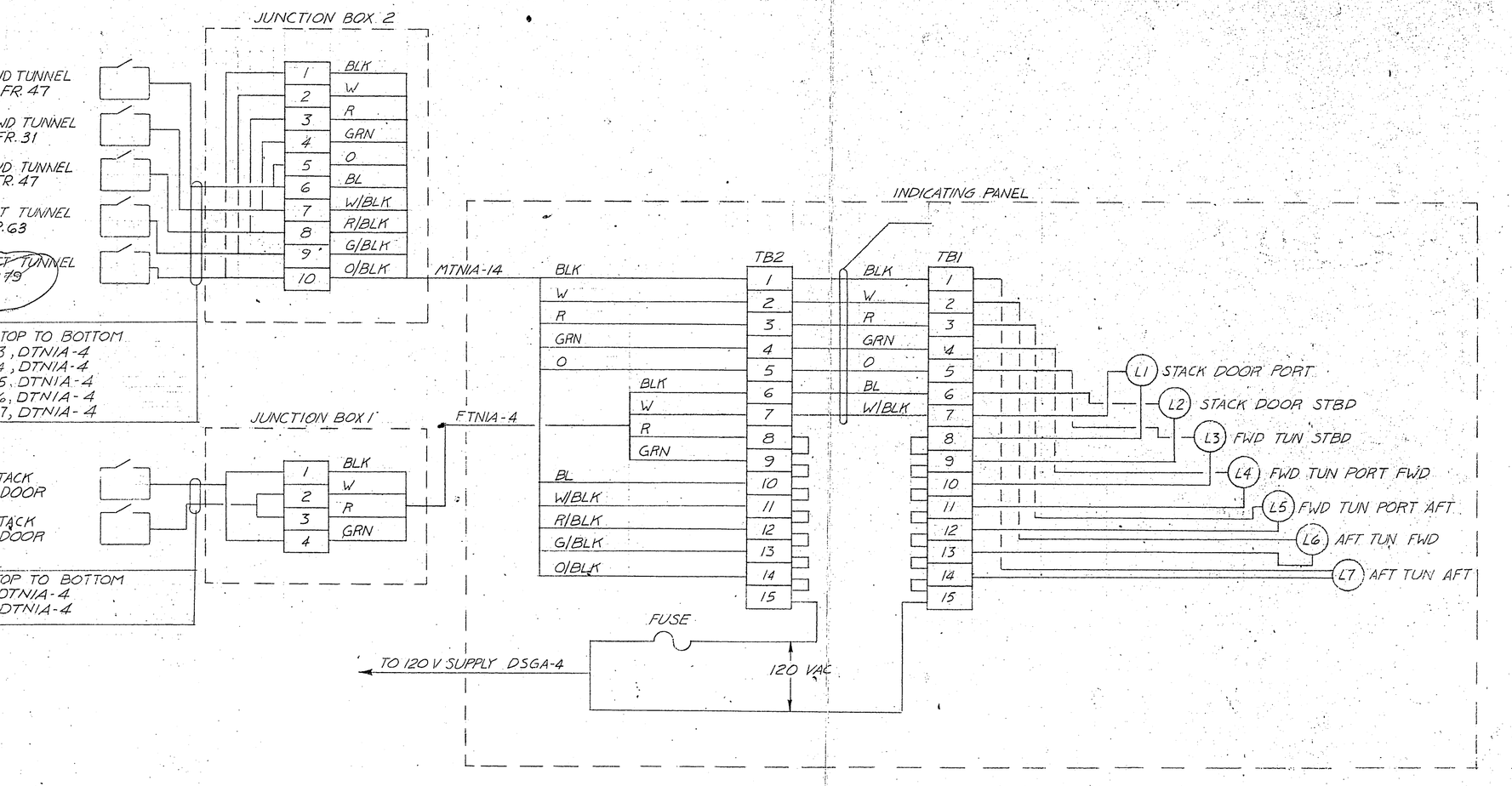
INTERCOM SYSTEM



NOTES:

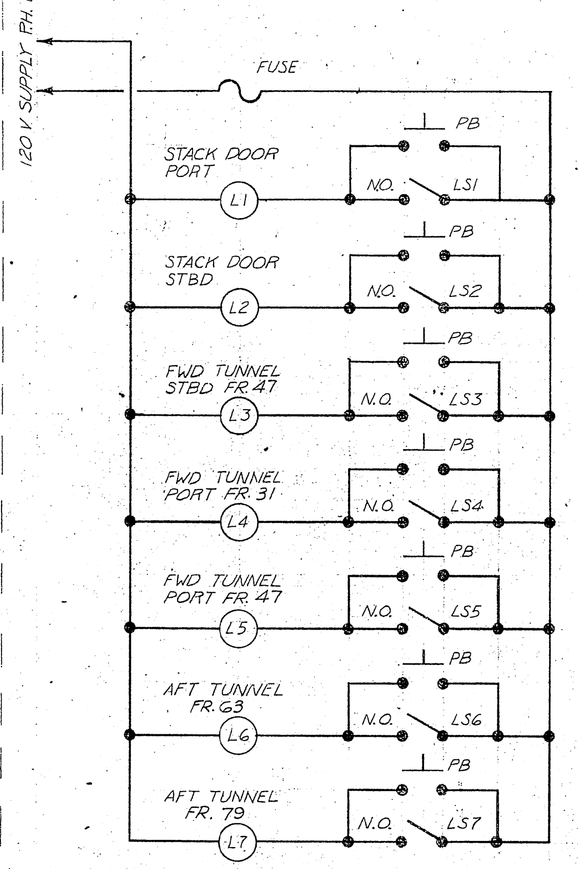
1. IDENTIFYING NUMBERS ADJACENT TO DETECTOR SYMBOL DENOTES ORDER OF WIRING, DETECTOR 1-2 WOULD IDENTIFY THE END DETECTOR IN ZONE 1.
2. DETECTOR AND AUDIBLE ALARM DEVICE CIRCUIT POLARITY MUST BE OBSERVED.
3. ALL DETECTOR CIRCUIT WIRING SHALL BE SIZE 18 AWG MINIMUM, SIZE 14 AWG MAXIMUM, 600V DIELECTRIC.
4. ALL DETECTOR AND AUDIBLE ALARM DEVICE CIRCUIT WIRES MUST BE SUPERVISED. THEREFORE, NO PARALLEL BRANCHING OF WIRES IS PERMISSIBLE.
5. BRASS JUMPER IN SOCKET BASE (PIN 1 & 2) TEMPORARILY INSTALLED FOR INSULATION RESISTANCE TESTS (SEE INSTALATION INSTRUCTIONS)
6. IONIZATION DETECTORS SHALL NOT BE LOCATED IN DIRECT AIR STREAM FROM SUPPLY AIR OUTLETS.

FIRE AND SMOKE DETECTION SYSTEM

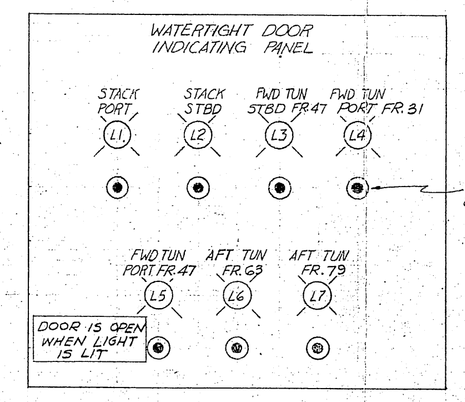


INTERCONNECTION DIAGRAM

WATERTIGHT DOOR DETECTION SYSTEM



SCHEMATIC DIAGRAM



SYM	DESCRIPTION	DATE	BY
	REVISIONS		

APPROVALS

ABS FCC

USCG

USPHS

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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

INTERCOM SYSTEM, SMOKE/FIRE ALARM SYSTEM, AND WATERTIGHT DOOR POSITION INDICATION SYSTEM

SCALE-	NONE	DATE	6-15-73	HALTER DWG. NO. E-7 SHEET 1 OF 2
DRAWN BY-	EDCS JB	CK'D BY	[illegible]	
HALTER HULL NO.	375-6	HALTER JOB NO.	2187-8	
NAVSHIPS NO.	AGOR 21-145-601			REV. 0

00017

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