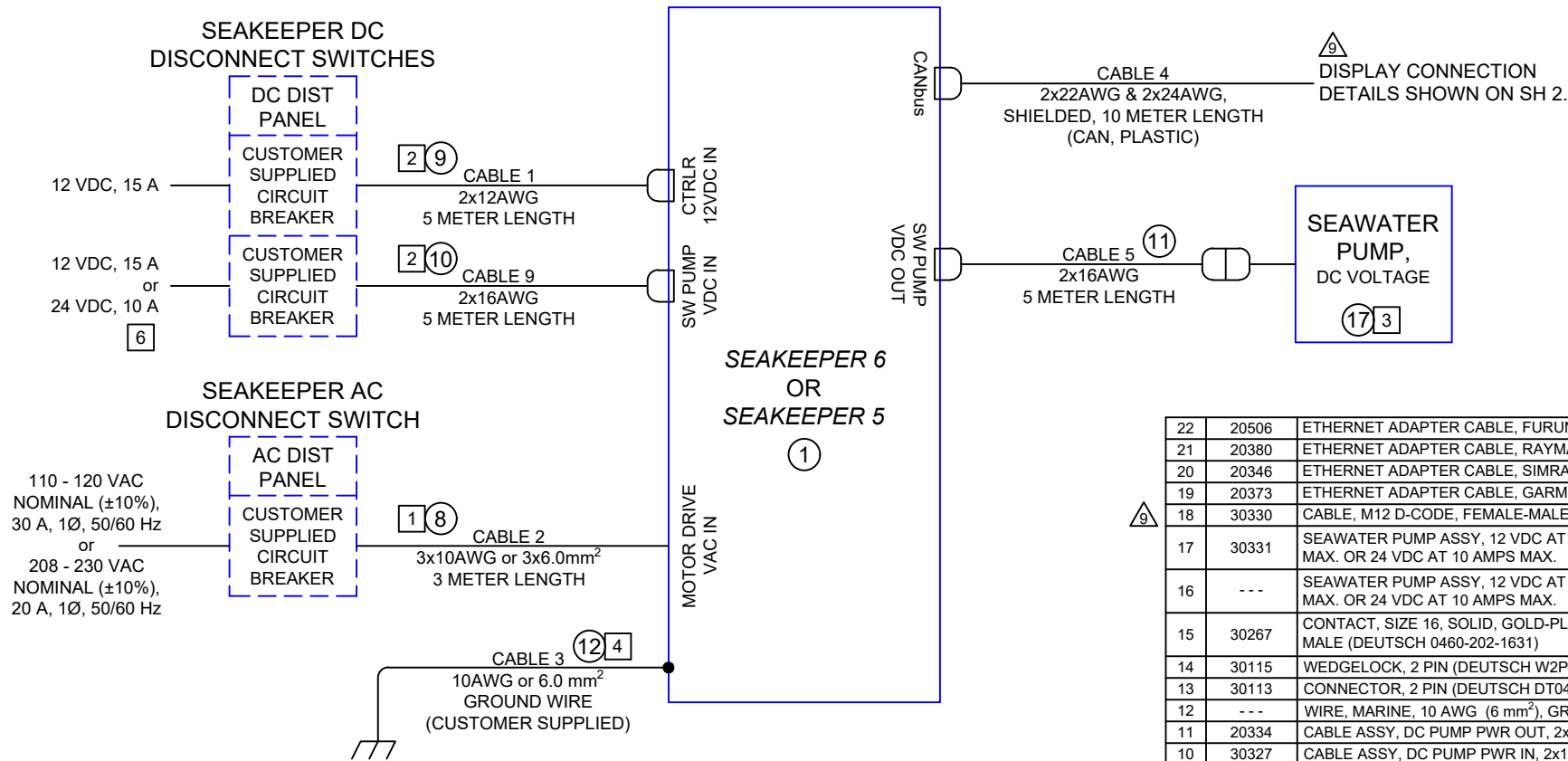


REVISIONS				
REV	ECN NO.	ZONE	DESCRIPTION	DATE
1	N/A		1. INITIAL RELEASE.	12OCT16

REVISIONS CONT'D ON SH 2



- NOTES:
- 1 CABLE PROVIDED TO CONNECT THE AC INPUT POWER (ITEM 8) IS SUPPLIED AS LENGTH 3m. THE LOCATION CHOSEN FOR POWER DISTRIBUTION SHOULD TAKE THIS INTO CONSIDERATION.
 - 2 CABLES PROVIDED TO CONNECT THE DC INPUT POWER (ITEMS 9 & 10) ARE SUPPLIED AS LENGTH 5m. THE LOCATION CHOSEN FOR POWER DISTRIBUTION SHOULD TAKE THIS INTO CONSIDERATION.
 - 3 DC POWERED SEAWATER PUMP MUST BE PURCHASED FROM SEAKEEPER (ITEM 17) OR CUSTOMER SUPPLIED (ITEM 16, SEE SHEET 2, ZONE 2-B). THE SEAKEEPER 24V DC SEAWATER PUMP, ITEM 17, IS INTENDED FOR 12V OR 24V OPERATION.
 - 4 CONNECT 10 AWG (6mm²) PE CONDUCTOR, ITEM 12, TO VESSEL GROUNDING BUS TO COMPLY WITH EN/IEC 60204-1:2016 CLAUSES 6.3.3 & 8.2.3 AND WITH ABYC E-11 JULY 2021 CLAUSES 11.5.2 & 11.17.

22	20506	ETHERNET ADAPTER CABLE, FURUNO	5	1	OPTIONAL
21	20380	ETHERNET ADAPTER CABLE, RAYMARINE	5	1	OPTIONAL
20	20346	ETHERNET ADAPTER CABLE, SIMRAD	5	1	OPTIONAL
19	20373	ETHERNET ADAPTER CABLE, GARMIN	5	1	OPTIONAL
18	30330	CABLE, M12 D-CODE, FEMALE-MALE, 10m	5	1	OPTIONAL
17	30331	SEAWATER PUMP ASSY, 12 VDC AT 15 AMPS MAX. OR 24 VDC AT 10 AMPS MAX.	3	1	OPTIONAL
16	---	SEAWATER PUMP ASSY, 12 VDC AT 15 AMPS MAX. OR 24 VDC AT 10 AMPS MAX.	3	6	SHIPYARD
15	30267	CONTACT, SIZE 16, SOLID, GOLD-PLATED MALE (DEUTSCH 0460-202-1631)	6	2	SHIPYARD
14	30115	WEDGELOCK, 2 PIN (DEUTSCH W2P)	6	1	SHIPYARD
13	30113	CONNECTOR, 2 PIN (DEUTSCH DT04-2P)	6	1	SHIPYARD
12	---	WIRE, MARINE, 10 AWG (6 mm ²), GREEN	A/R		SHIPYARD
11	20334	CABLE ASSY, DC PUMP PWR OUT, 2x16AWG, 5m		1	SEAKEEPER
10	30327	CABLE ASSY, DC PUMP PWR IN, 2x16AWG, 5m		1	SEAKEEPER
9	20248	CABLE ASSY, DC INPUT POWER, 2x12AWG, 5m		1	SEAKEEPER
8	20542	CABLE ASSY, MARINE, 3 x 10AWG, FLAT, 3m		1	SEAKEEPER
7	30249	TERMINATOR, CAN, 120 OHM, FEMALE		1	SEAKEEPER
6	30244	TEE ADAPTER, CAN, 3-WAY, F-M-F		1	SEAKEEPER
5	30300	CABLE, EXTENDER, M12 to USB RECEPTACLE		1	SEAKEEPER
4	30301	CABLE, CAN, FEMALE-MALE, 0.6m (2 ft)		1	SEAKEEPER
3	30332	CABLE, CAN, FEMALE-MALE, 25m		1	SEAKEEPER
2	30298	DISPLAY, 5" TOUCHSCREEN		1	SEAKEEPER
1	90556	SEAKEEPER 5 ASSEMBLY		1	SEAKEEPER
	90389	SEAKEEPER 6 ASSEMBLY		1	SEAKEEPER
ITEM	SEAKEEPER PART NO.	DESCRIPTION	QTY	SUPPLY	

WEIGHT-LBS: N/A

MATERIAL: S. GOSS
R. LAWRIE
R. KEOWN

DATE: 20 OCT 2016
DATE: 20 OCT 2016
DATE: 20 OCT 2016

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SEAKEEPER
45310 ABELL HOUSE LANE, SUITE 350, CALIFORNIA, MD 20619

TITLE: **SEAKEEPER 6 / 5 CABLE BLOCK DIAGRAM**

DWG NUMBER: **90396**

REV: **9** SHEET NO: **1 OF 2**

NOTES CONT'D ON SH 2, ZONE 8-F

NOTES:

5 ETHERNET CONNECTOR ON 5" TOUCH DISPLAY IS FOR ETHERNET CONNECTION TO SEAKEEPER COMPATIBLE MULTI-FUNCTION DISPLAY (MFD) USING M12 D-CODE CABLE (ITEM 18). ADAPTER CABLE MUST BE SELECTED FOR MFD BRAND FROM ITEMS 19-22.

6 ALTERNATE SEAWATER PUMP CONFIGURATION FOR CUSTOMER SUPPLIED DC POWERED SEAWATER PUMP (ITEM 16), 12V AT 15 AMPS MAXIMUM OR 24V AT 10 AMPS MAXIMUM. OVER-CURRENT PROTECTION ON CABLE 9 (ITEM 10) MUST BE SELECTED FOR PUMP RATING. INSTALL CONNECTOR PARTS, ITEMS 13-15, ON SEAWATER PUMP LEADS WITH CRIMP TOOL, DEUTSCH HDT-48-00 OR HDT-1561; PIN 1 TO +V AND PIN 2 TO -V.

REVISIONS					
REV	ECN NO.	ZONE	DESCRIPTION	DATE	APPROVED
9	1070	P/L	1. DELETED ITEMS 23 & 24 FROM P/L; WERE 90467, 5" DISPLAY KIT, AND 90558, CONNECTBOX REMOTE MOUNT KIT.	25OCT22	DMF
		P/L	2. REPLACED ITEM 2 WITH 30298, 5" DISPLAY; WAS 20415, CONNECTBOX USER INTERFACE.		
		P/L	3. REPLACED ITEM 8 WITH 20542, AC POWER 10/3 FLAT INPUT CABLE; WAS 20394, AC POWER 10/3 ROUND INPUT CABLE.		
		P/L	4. CHANGED 30330 SUPPLY TO OPTIONAL AND RENUMBERED IN P/L.		
		SH 2 & 3	5. REMOVED CONNECTBOX OPTIONAL CONNECTIONS FROM SHEETS 2 & 3. COMBINED REMAINDER OF SH 3 AND SH 4 AS SHEET 2.		
		NOTES	6. DELETED NOTES 5-8 AND RENUMBERED NOTES 9-10 TO NOTE 5-6.		

