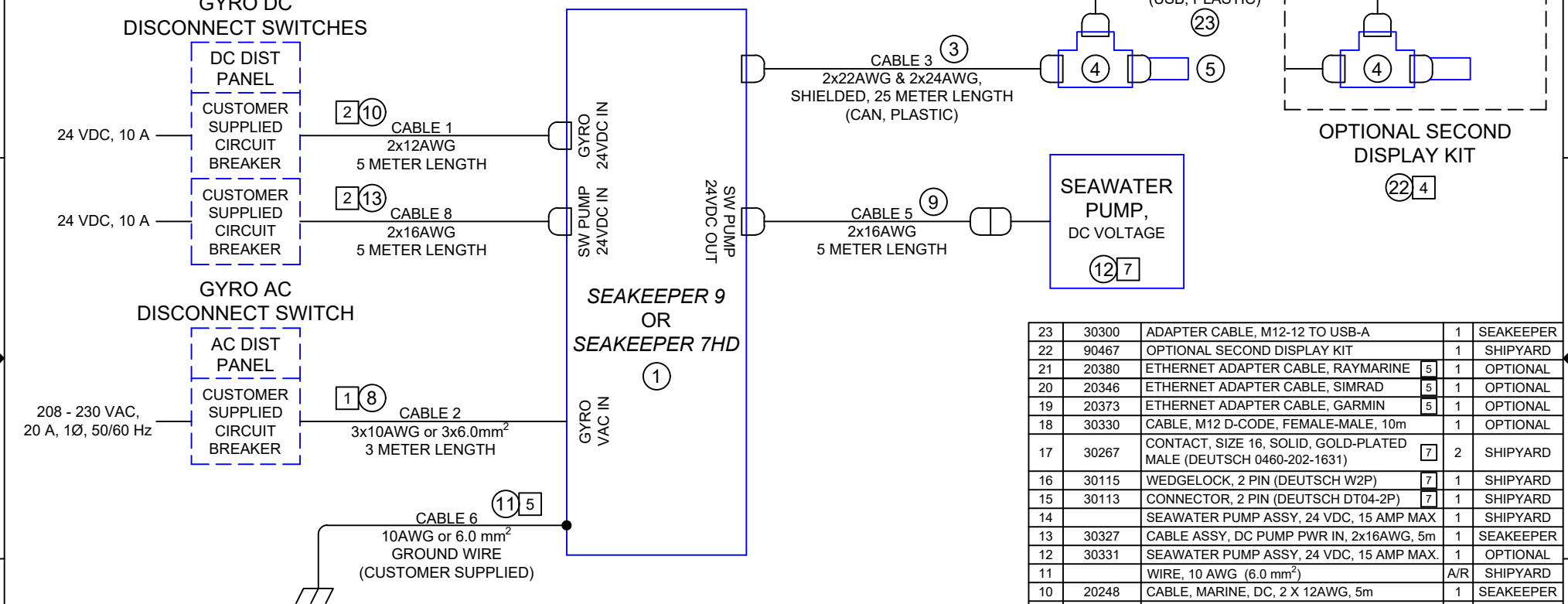


REVISIONS					
REV	ECN NO.	ZONE	DESCRIPTION	DATE	APPROVED
3	218	3-F	1. CHANGED DISPLAY AND REMOVED CONN & SEAL	25FEB15	T. VAN WERT
4	N/A	P/L	1. CHANGED DESC OF ITEM 12, NO FLOW REQMT.	07APR15	T. VAN WERT
5	338	4-C	1. CHANGED CABLE 5 MAT'L, WAS 3x14AWG.	10JUL15	T. VAN WERT
6	466 463	2-A 4-C P/L	1. ADDED MODEL 7HD, REVERTED CABLE 5 MAT'L. 2. REMOVED ITEM 14, CUSTOMER SUPPLIED FUSES. 3. CHANGED ITEM 11, WAS 4 AWG.	23NOV16	B. KIEFFER
7		P/L	1. CHANGED P/N OF ITEM 2, WAS 30268. 2. CHANGED P/N OF ITEM 6, WAS 20223. 3. CHANGED P/N OF ITEM 13, WAS 90250. 4. ADDED ITEM 14.	02OCT17	R. KEOWN
8	830	P/L	1. CHANGED ITEM 8 P/N TO 20394, WAS 30179. 2. CHANGED ITEM 9 P/N TO 20395, WAS 30239.	08JUL20	W. GARZON

REVISIONS CONT'D ON SH 2



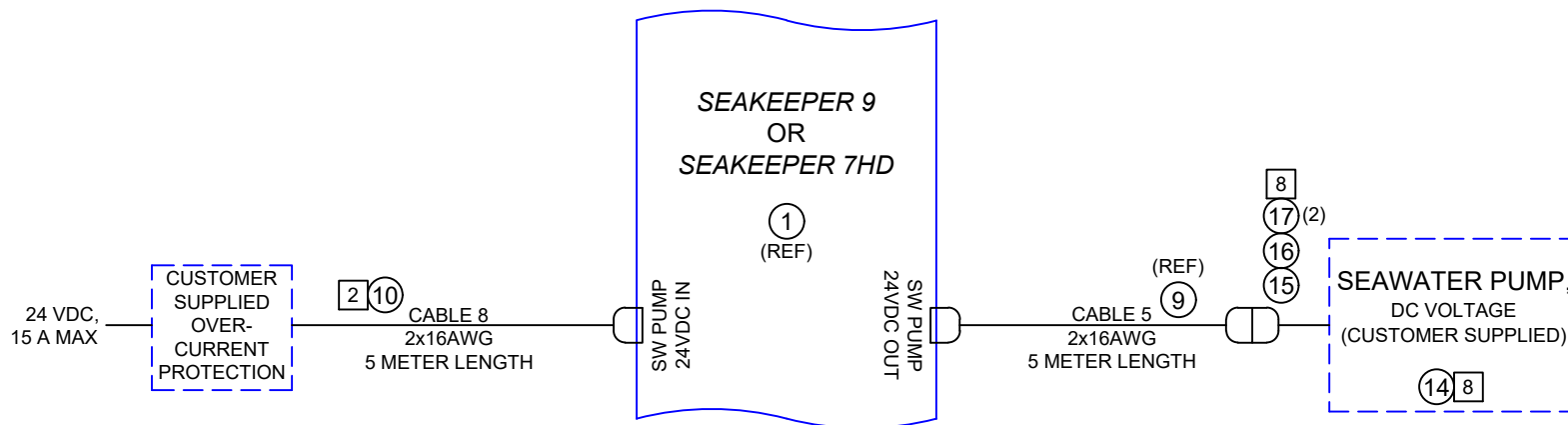
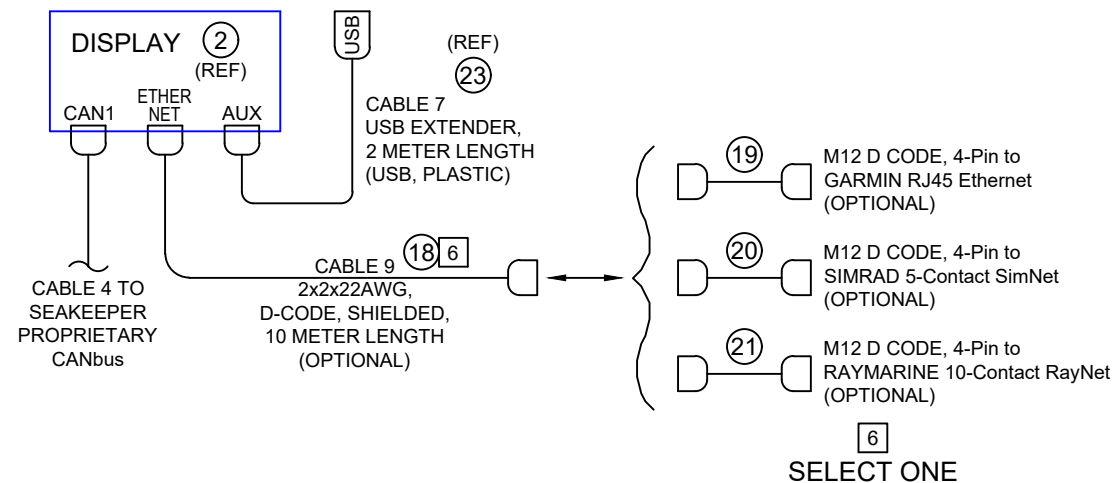
<p>NOTES:</p> <p>1 CABLE PROVIDED TO CONNECT THE AC INPUT POWER (ITEM 8) IS SUPPLIED AS LENGTH 3m. THE LOCATION CHOSEN FOR POWER DISTRIBUTION SHOULD TAKE THIS INTO CONSIDERATION.</p> <p>2 CABLES PROVIDED TO CONNECT THE DC INPUT POWER (ITEMS 10 &amp; 13) ARE SUPPLIED AS LENGTH 5m. THE LOCATION CHOSEN FOR POWER DISTRIBUTION SHOULD TAKE THIS INTO CONSIDERATION.</p>				<p>3 ETHERNET CONNECTOR ON DISPLAY IS FOR ETHERNET CONNECTION TO SEAKEEPER COMPATIBLE MULTI-FUNCTION DISPLAY. SEE SHEET 2 FOR WIRING DETAILS.</p> <p>4 WHEN 2nd DISPLAY IS INSTALLED, CONNECT 2nd CAN CABLE TO 1st TEE AND MOVE TERMINATOR TO END OF 2nd TEE.</p> <p>5 CONNECT 10 AWG (6mm<sup>2</sup>) PE CONDUCTOR TO VESSEL GROUNDING BUS TO COMPLY WITH EN/IEC 60204-1:2016 CLAUSES 6.3.3 &amp; 8.2.3 AND ABYC E-11 JULY 2018 CLAUSES 11.5.2 &amp; 11.16.1.</p>			
<p>ITEM</p> <p>SEAKEEPER PART NO.</p>				<p>DESCRIPTION</p> <p>QTY</p> <p>SUPPLY</p>			
<p>23 30300 ADAPTER CABLE, M12-12 TO USB-A</p>				<p>1 SEAKEEPER</p>			
<p>22 90467 OPTIONAL SECOND DISPLAY KIT</p>				<p>1 SHIPYARD</p>			
<p>21 20380 ETHERNET ADAPTER CABLE, RAYMARINE</p>				<p>5 1 OPTIONAL</p>			
<p>20 20346 ETHERNET ADAPTER CABLE, SIMRAD</p>				<p>5 1 OPTIONAL</p>			
<p>19 20373 ETHERNET ADAPTER CABLE, GARMIN</p>				<p>5 1 OPTIONAL</p>			
<p>18 30330 CABLE, M12 D-CODE, FEMALE-MALE, 10m</p>				<p>1 OPTIONAL</p>			
<p>17 30267 CONTACT, SIZE 16, SOLID, GOLD-PLATED MALE (DEUTSCH 0460-202-1631)</p>				<p>7 2 SHIPYARD</p>			
<p>16 30115 WEDGELOCK, 2 PIN (DEUTSCH W2P)</p>				<p>7 1 SHIPYARD</p>			
<p>15 30113 CONNECTOR, 2 PIN (DEUTSCH DT04-2P)</p>				<p>7 1 SHIPYARD</p>			
<p>14 SEAWATER PUMP ASSY, 24 VDC, 15 AMP MAX</p>				<p>1 SHIPYARD</p>			
<p>13 30327 CABLE ASSY, DC PUMP PWR IN, 2x16AWG, 5m</p>				<p>1 SEAKEEPER</p>			
<p>12 30331 SEAWATER PUMP ASSY, 24 VDC, 15 AMP MAX.</p>				<p>1 OPTIONAL</p>			
<p>11 WIRE, 10 AWG (6.0 mm<sup>2</sup>)</p>				<p>A/R SHIPYARD</p>			
<p>10 20248 CABLE, MARINE, DC, 2 X 12AWG, 5m</p>				<p>1 SEAKEEPER</p>			
<p>9 20334 CABLE ASSY, DC PUMP PWR OUT, 2x16AWG, 5m</p>				<p>1 SEAKEEPER</p>			
<p>8 20394 CABLE ASSY, MARINE, 3 x 10AWG, 3m</p>				<p>1 SEAKEEPER</p>			
<p>7 30246 WATERPROOF CAP, CAN, MALE</p>				<p>1 SEAKEEPER</p>			
<p>6 30301 CABLE, CAN, FEMALE-MALE, 0.6m</p>				<p>1 SEAKEEPER</p>			
<p>5 30249 TERMINATOR, CAN, 120 OHM, FEMALE</p>				<p>1 SEAKEEPER</p>			
<p>4 30244 TEE ADAPTER, CAN, 3-WAY, F-M-F</p>				<p>1 SEAKEEPER</p>			
<p>3 30243 CABLE, CAN, FEMALE-MALE, 25m</p>				<p>1 SEAKEEPER</p>			
<p>2 30298 DISPLAY, TOUCHSCREEN, IP67</p>				<p>1 SEAKEEPER</p>			
<p>1 90415 SEAKEEPER 7HD GYRO ASSEMBLY</p>				<p>1 SEAKEEPER</p>			
<p>1 90221 SEAKEEPER 9 GYRO ASSEMBLY</p>				<p>1 SEAKEEPER</p>			
<p>WEIGHT-LBS: N/A</p>				<p>PROPRIETARY AND CONFIDENTIAL</p>			
<p>MATERIAL: N/A</p>				<p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SEAKEEPER, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SEAKEEPER, INC. IS PROHIBITED.</p>			
<p>DRAWN: S. GOSS</p>				<p>DATE: 17 MAY 2014</p>			
<p>ENG APPR: R. LAWRIE</p>				<p>DATE: 19 MAY 2014</p>			
<p>PROD APPR: R. KEOWN</p>				<p>DATE: 19 MAY 2014</p>			
<p>SEAKEEPER</p>				<p>45310 ABELL HOUSE LANE, SUITE 350, CALIFORNIA, MD 20619</p>			
<p>SEAKEEPER 9/7HD GYRO CABLE BLOCK DIAGRAM</p>				<p>TITLE</p>			
<p>90257</p>				<p>DWG NUMBER</p>			
<p>9</p>				<p>REV SHEET NO</p>			
<p>1 OF 2</p>				<p>1 OF 2</p>			

NOTES CONT'D ON SH 2

# NOTES:

- 6 FOR SEAKEEPER COMPATIBLE MULTI-FUNCTION DISPLAY (MFD) CONNECTIVITY, ADAPTER CABLE MUST BE SELECTED FOR MFD BRAND FROM ITEMS 19-21. IF ADDITIONAL LENGTH IS NECESSARY USE D-CODE ETHERNET CABLE, ITEM 18.
- 7 DC POWERED SEAWATER PUMP MUST BE PURCHASED FROM SEAKEEPER (ITEM 12) OR CUSTOMER SUPPLIED (ITEM 14, SEE SHEET 2). A CIRCUIT BREAKER OR FUSE MUST BE USED AND MARKED IN ACCORDANCE WITH ABYC E-11 JULY 2018.
- 8 ALTERNATE SEAWATER PUMP CONFIGURATION FOR CUSTOMER SUPPLIED 24VDC POWERED SEAWATER PUMP (ITEM 18), 15 AMPS MAXIMUM. OVER-CURRENT PROTECTION ON CABLE 8 MUST BE SELECTED FOR PUMP RATING. INSTALL CONNECTOR PARTS, ITEMS 15-17, 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
7	846	P/L	1. CHANGED ITEM 9 TO DC OUTPUT CABLE ASSY FOR SEAWATER PUMP, WAS 20395.	22 JAN 2021	D. FRORIEP
		P/L	2. CHANGED ITEM 12 TO DC SEAWATER PUMP AS OPTIONAL SOURCE AND ADDED PART NUMBER.		
		P/L	3. ADDED ITEM 13 DC INPUT CABLE ASSY FOR SEAWATER PUMP AND ADDED CUSTOMER SUPPLIED CIRCUIT BREAKER.		
		P/L	4. ADDED ITEM 14 ALTERNATE DC SEAWATER PUMP AND ASSOCIATED CONNECTOR PARTS, ITEMS 15-17, ON NEW SHEET 2.		
		P/L	5. ADDED ITEMS 18-21 AND ETHERNET CONNECTION DETAIL ON SHEET 2.		



<b>PROPRIETARY AND CONFIDENTIAL</b> THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SEAKEEPER, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SEAKEEPER, INC. IS PROHIBITED.		<b>SEAKEEPER</b> 45310 ABELL HOUSE LANE, SUITE 350, CALIFORNIA, MD 20619	
<b>WEIGHT-LBS:</b> MATERIAL: N/A	<b>DRAWN:</b> S. GOSS <b>DATE:</b> 17 MAY 2014	<b>ENG APPR:</b> R. LAWRIE <b>DATE:</b> 19 MAY 2014	<b>PROD APPR:</b> R. KEOWN <b>DATE:</b> 19 MAY 2014
<b>TITLE:</b> SEAKEEPER 9/7HD GYRO CABLE BLOCK DIAGRAM		<b>DWG NUMBER:</b> 90257	<b>REV SHEET NO:</b> 9 2 OF 2