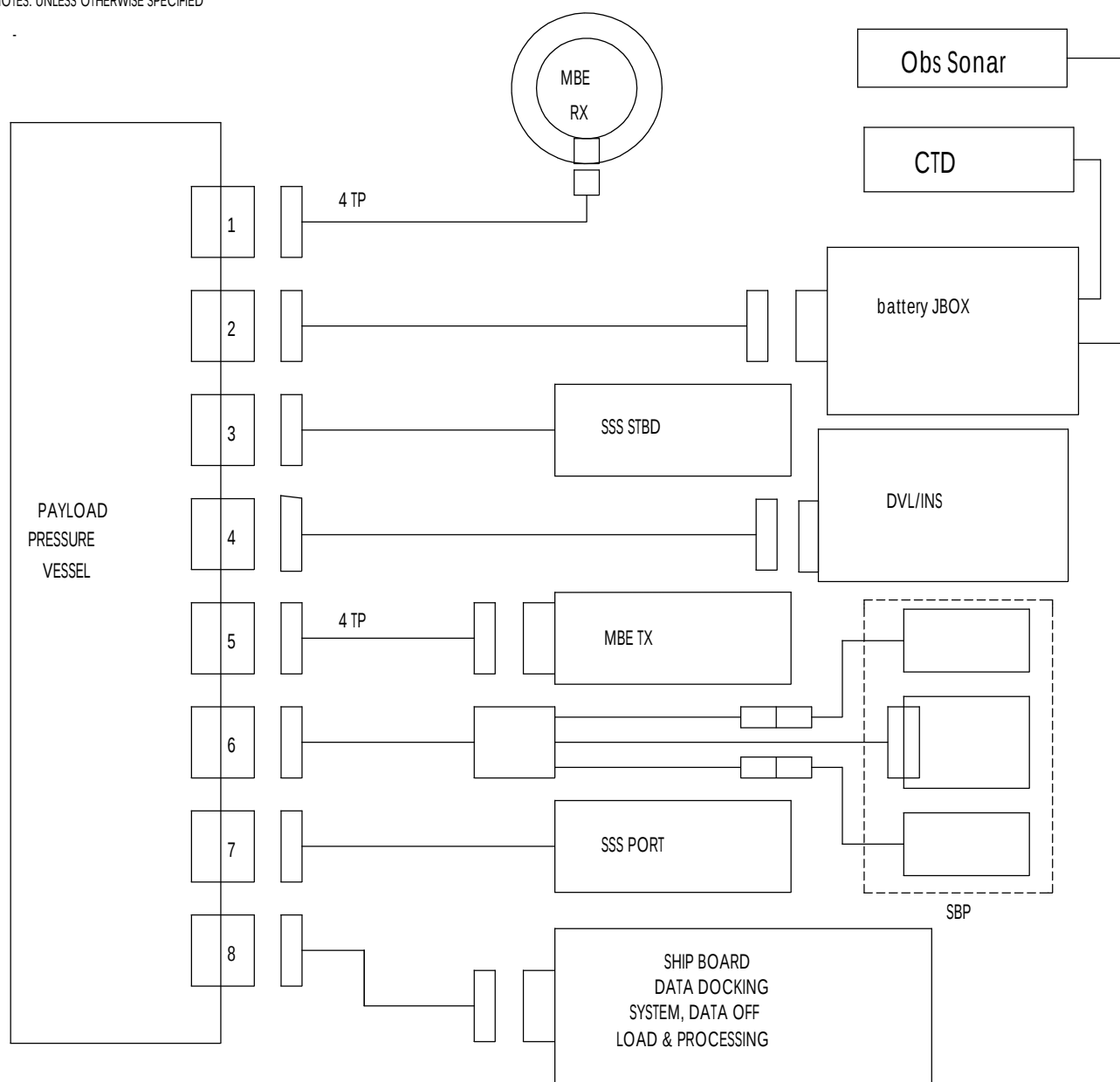


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NOTES: UNLESS OTHERWISE SPECIFIED



1		FCR1508M
PIN	AWG	DESCRIPTION
1	22	LNK 1A+
2	22	LNK 1A-
3	22	LNK 1B+
4	22	LNK 1B-
5	16	LNK 1C+
6	16	LNK 1C-
7	16	+12V
8	16	COM

2		MHDL-16-FCR
PIN	AWG	DESCRIPTION
1	22	ETHERNET RJ45 PIN 1
2	22	ETHERNET RJ45 PIN 2
3	22	ETHERNET RJ45 PIN 3
4	22	ETHERNET RJ45 PIN 4
5	22	Enable
6	22	Enable Rtn
7	22	CTD TX to Reson
8	22	Obs Sonar RS232 TX to Reson
9	22	Obs Sonar Sync
10	22	+12V Inst Pwr
11	22	+12V Inst Pwr Rtn
12	22	SHIELD/CHASSIS
13	20	BATT BUS 0V
14	20	BATT BUS +V
15	20	BATT BUS +V
16	20	BATT BUS 0V

3		FCR1505F
PIN	AWG	DESCRIPTION
1	22	SHIELD
2	22	HF+
3	22	HF-
4	22	LF+
5	22	LF-

4	Seadevil Comms FCR 1508F	
PIN	AWG	DESCRIPTION
1	22	INS RS232 TX to Resom
2	22	INS RS232 RX fr Reson
3	22	INS/GPS 1PPS Out
4	22	DVL Trigger
5	22	INS/GPS Rtn
6	22	
7	22	
8	22	

5		FCR1508F
PIN	AWG	DESCRIPTION
1	22	LNK 1A+
2	22	LNK 1A-
3	22	LNK 1B+
4	22	LNK 1B-
5	16	TXL +
6	16	TXL -
7	16	TXH +
8	16	TXH -

SBP		
6		FCR 1506F
PIN	AWG	DESCRIPTION
1	22	SHIELD
2	22	Tx +
3	22	Tx -
4	22	Rx +
5	22	Rx -
6	22	Rx SHIELD

7		FCR 1505F
PIN	AWG	DESCRIPTION
1	22	SHIELD
2	22	HF+
3	22	HF-
4	22	LF+
5	22	LF-

SHORE CONNECTION		
8		MHDL-16-FCR
PIN	AWG	DESCRIPTION
1	22	ETHERNET RJ45 PIN 1
2	22	ETHERNET RJ45 PIN 2
3	22	ETHERNET RJ45 PIN 3
4	22	ETHERNET RJ45 PIN 4
5	22	
6	22	
7	22	
8	22	
9	22	
10	22	
11	22	
12	22	SHIELD/CHASSIS
13	20	BATT BUS 0V
14	20	BATT BUS +V
15	20	BATT BUS +V
16	20	BATT BUS 0V

D

C

B

A

D

C

B

A

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	P	PRELIMINARY	01-07-10	RQA

