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NOTES: UNLESS OTHERWISE SPECIFIED

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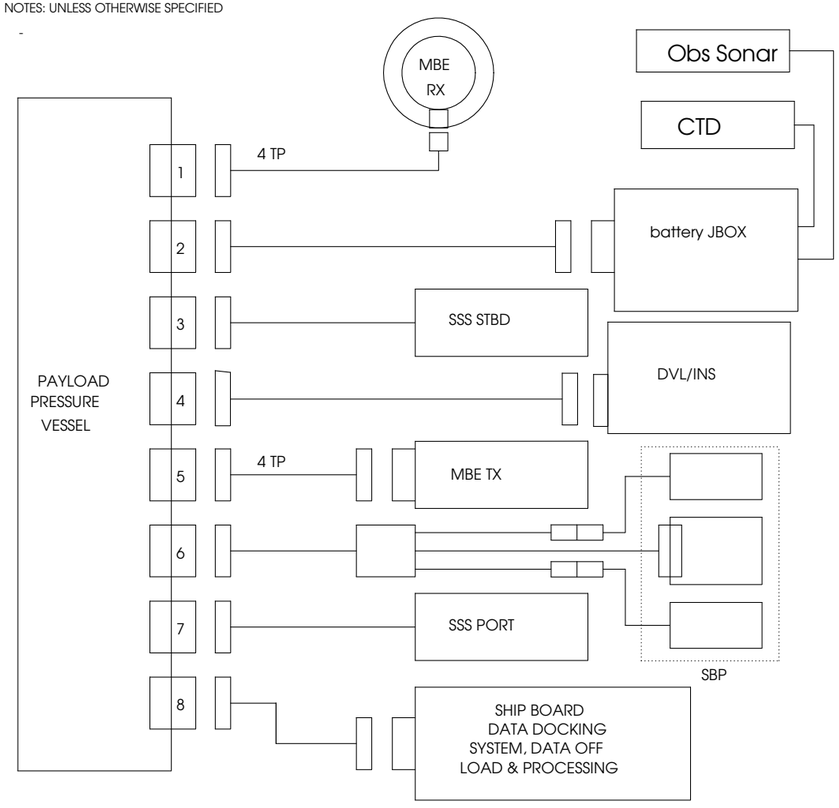
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	P	PRELIMINARY	01-07-10	RQA



MBE Rx

1		BCR1508M
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

MEH CONNECTION

2		MHDL-16-BCR
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

SSS STBD

3		FCR1509F
PIN	AWG	DESCRIPTION
1	22	SHIELD
2	22	HF+
3	22	HF-
4	22	LF+
5	22	LF-

4		Seadevil Comms BCR 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	

MBE Tx

5		BCR1508F
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		BCR 1506F
PIN	AWG	DESCRIPTION
1	22	SHIELD
2	22	Tx +
3	22	Tx -
4	22	Rx +
5	22	Rx -
6	22	Rx SHIELD

SSS PORT

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

SHORE CONNECTION

8		MHDL-16-BCR
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

ACAD FILE: 11391p4.DWG

THIRD ANGLE PROJECTION

-	7K
NEXT ASSY USED ON	
APPLICATION	

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES
DO NOT SCALE DRAWING

TOLERANCES
.XX ±0.03
.XXX ±0.010
X° ±0.5°

REMOVE ALL BURRS

BREAK CORNERS 0.005/0.010
INTERNAL RADII 0.005/0.010

DESIGNED:	R. ABBOTT
DATE:	01-07-10
DRAWN	GJZ
DATE:	01-07-10
CHECKED	R. ABBOTT
DATE:	01-07-10
RELEASED	
DATE:	

RESON, INC.
GOLETA, CALIFORNIA 93117

TITLE:
SYSTEM BLOCK DIAGRAM,
THALES AUV

DRAWING NO: 11391 REV: P5

SIZE: D SCALE: NONE SHEET: 1 OF 1

ANSI-D.DWG REV A