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NOTES: UNLESS OTHERWISE SPECIFIED

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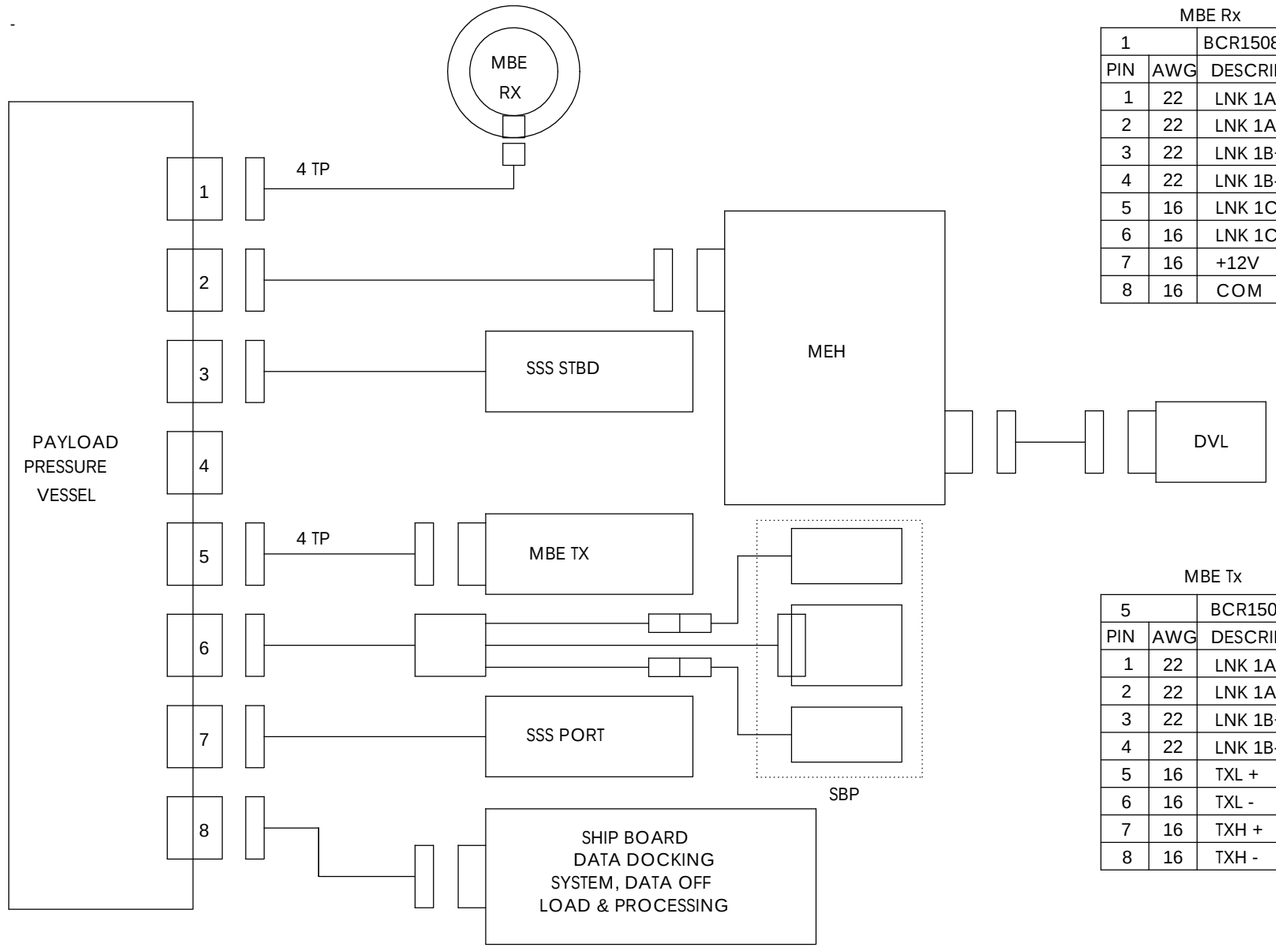
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	P	PRELIMINARY	01-07-10	RQA



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	LEAK
6	22	LEAK
7	22	RTN DVL
8	22	SONAR 1PPS IN
9	22	DVL TRIGGER OUT
10	22	RTN FOR PINS 8,11
11	22	SYNC IN
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		BCR 1505F
PIN	AWG	DESCRIPTION
1	22	SHIELD
2	22	HF+
3	22	HF-
4	22	LF+
5	22	LF-

SPARE

4		
PIN	AWG	DESCRIPTION

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	LEAK
6	22	LEAK
7	22	RTN DVL
8	22	SONAR 1PPS IN
9	22	DVL TRIGGER OUT
10	22	RTN FOR PINS 8,11
11	22	SYNC IN
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