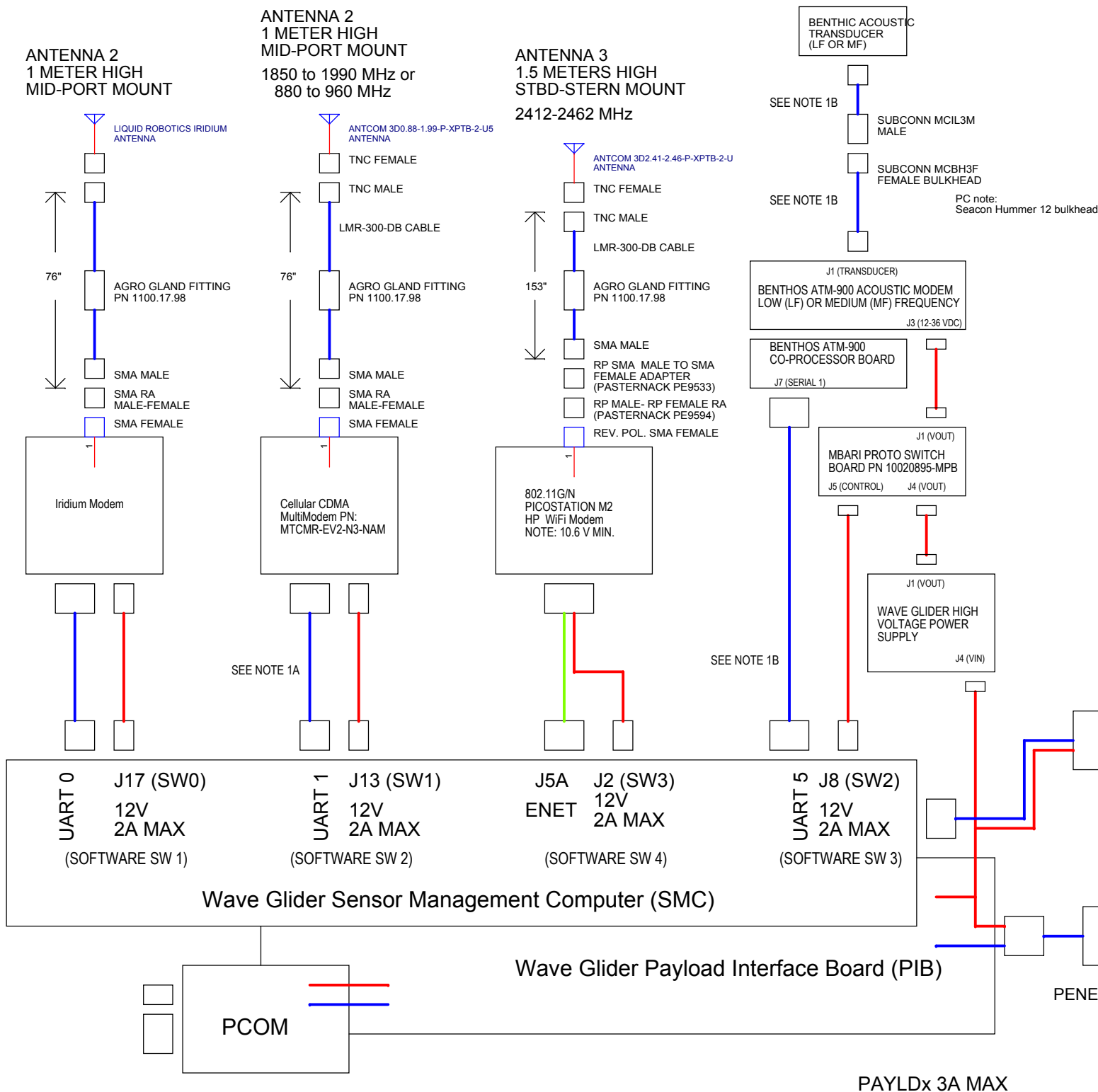
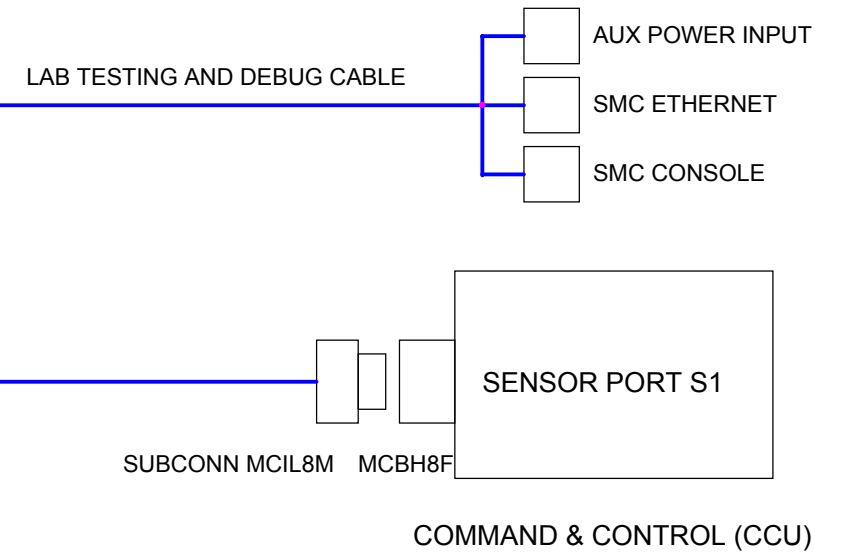
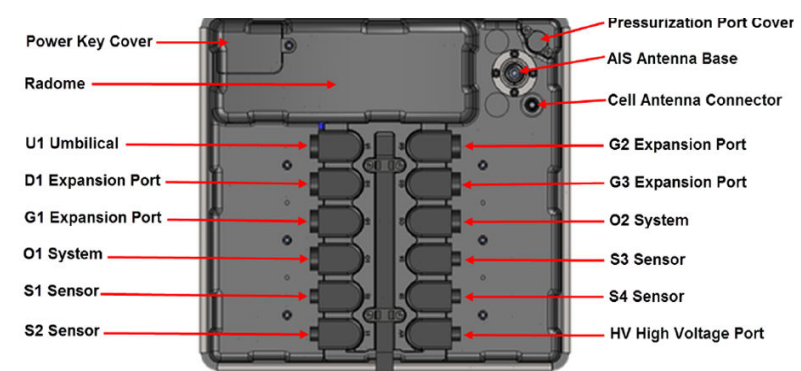




SUBCONN MCB8HF PINOUTS			
PIN	SV2 PAYLOAD BOX	SV3 C&C SENSOR PORT	DESCRIPTION
1	PPS	PPS	VMC PPS
2	13.4V	13.4V	AMPS BBR OUT
3	TX	TX	VMC TX
4	RX	RX	VMC RX
5	AUX	RTS	RTS (OUT)
6	AUX	CTS	CTS (IN)
7	GND	GND	SYSTEM GND
8	GPS (4800 BAUD)	GPS (9600 BAUD)	VMC GPS OUT

CCU SENSOR PORT PINOUTS



NOTE 1:
(A). For Cable Schematics See: 10020996-02-SCH-G HotSpot Radio Serial Cables.
(B). For Cable Schematics See: 10020996-08-SCH_Acoustic Modem Cables.

NOTE 2:
UARTS 0 & 1 ARE FULL SERIAL PORTS.
UARTS 2-7 SUPPORT RTS AND CTS ONLY.

NOTE 3:
FREEWAVE DIAG. PORT 19200 BAUD

NOTE 3:
CELL MODEM EV-DO Rev. A Standard | 500-800 Kbps Uplink | 600-1,400 Kbps Downlink avg. speeds

Revision History
A - 04APR15 First release.

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DRAFT

MONTEREY BAY AQUARIUM RESEARCH INSTITUTE

7700 SANDHOLDT ROAD

MOSS LANDING, CA 95039

PHONE (831) 775-1700 www.mbari.org

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M B A R I

Title

WaveGlider HotSpot 2015 CANON SV2 Payload Box for SV3

Size

Engineer: Mark Chaffey

Number

Rev

C

EMAIL: chma@mbari.org (831) 775-1708

10020996-11-SCH-A

A

Date: Thursday, April 28, 2016

Filename

Sheet 1 of 1

HOTSPOTALLCONFIGURATIONS.DSN