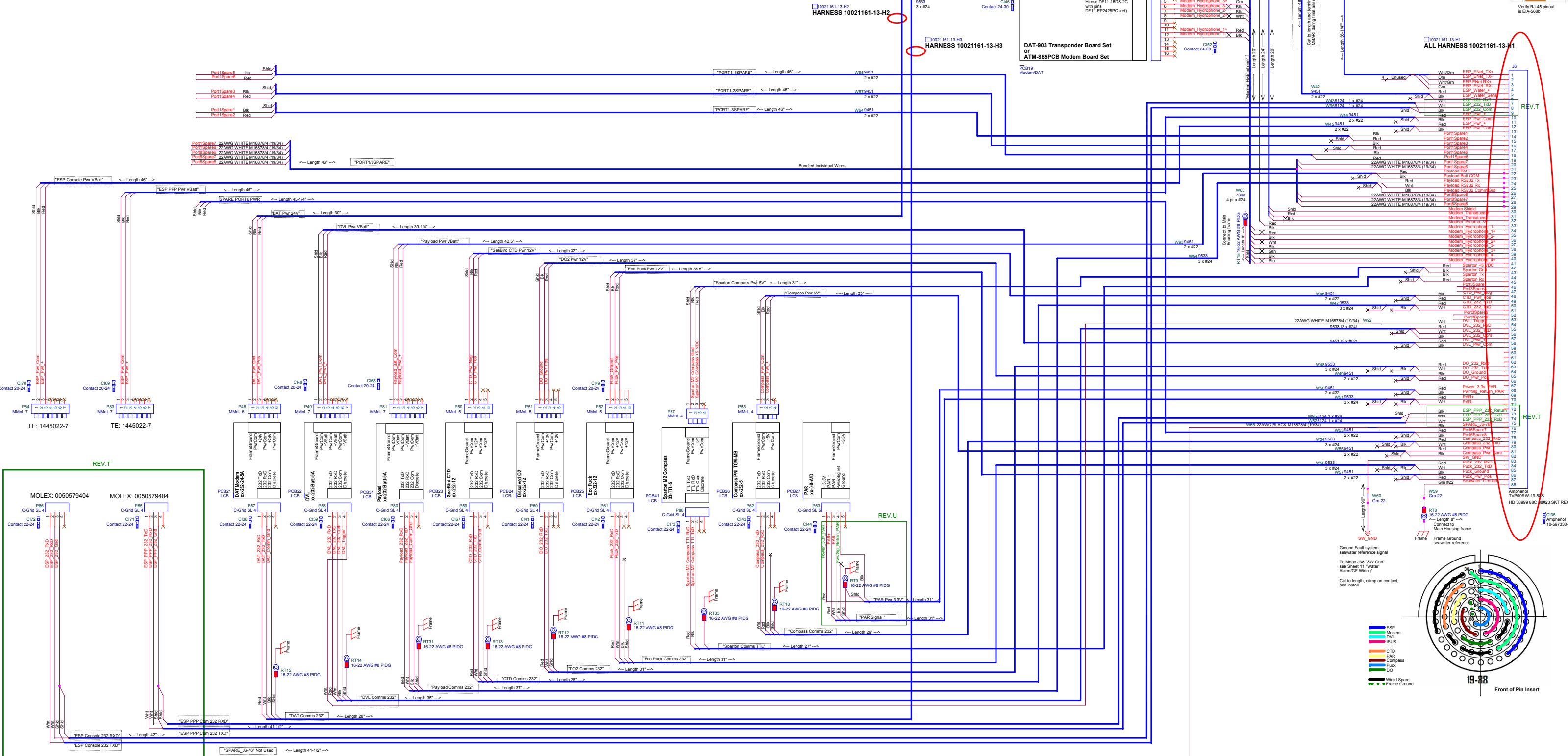


T568B

Pin	Color
1	white / orange
2	orange
3	white / green
4	blue
5	white / blue
6	green
7	white / brown
8	brown

Verify RJ-45 pinout is EIA-568B



NOTE: Board position on drawing does not correspond to board position in vehicle. See vehicle/mission specific config doc, e.g. "2015 LRAUV Configurations for MIVEGAS-1.docx", for board and slot assignments.

U	29 Oct 2016	MC	Modified wiring for new PAR sensor with internal pre-amp. Excitation now supplied by A/D LCB.
T	01 Aug 2016	MC	Modified wiring for ESP serial comms to shielded single conductor to reduce x-talk.
S	29 Mar 2016	PC	Added wiring and LCB for Sparrow Compass

R	5 Feb 2016	PC	Corrected wiring to the ESP PPP Comms LCB
P	26 Jan 2016	PC	Changed cable lengths and labels. Added connectors for ESP LCBs to be ESP ready. Changed representation of "trigger wire" for DVL to make accurate. Made pin 78 single wire.
N	2 Jan 2017	BWH	Added Port 1 NBOSI, NBOSI PCB, Port 8 Wiring and 232Batt LCB for Payload/Slipper. Removed ESP LCBs and PPP Motherboard Cable
M	29 Jun 2016	ECM	Change DVL Power from 24V to VBat (change LCB, change P49)
L	19 Apr 2016	ECM	Repurpose ISUS comm cable, for ESP PPP via LCB to Moby. Delete slot numbers from LCB callouts.

K	27 Jan 2016	ECM	Swap Tx/Rx on DAT, DVL, CTD, DO2, and Puck LCBs. Add lengths from redline markups.
J	3 Nov 2015	ECM	Change Compass LCB and wiring to 232/5V
H	12 Oct 2015	ECM	correct P47 and C136-C144 properties for BOM
G	1 Jul 2015	ECM	correct W63 Manufacturer and Distributor callout (was Belden, is Welco)
F	4 May 2015	ECM	Change USB cable to Ethernet, add LCB Micro Mate-N-Lok contacts and correct DAT Molex contacts

E	8 Jun 2015	ECM	Replace Berthos DAT Modem cables with in-house fabricated cables and parts callouts
D	29 Apr 2015	ECM	Move this page out of 10021167 and insert here inside 10021165, add BOM info
C	30 Jan 2015	ECM	Re-arrange LCBs; show ISUS as future expansion.
B	30 Jan 2015	ECM	Delete Neil Brown CTD and add Sea-Bird Glider CTD. Change wiring and LCB config.
A	30 Jan 2015	ECM	Fork from Dwg 10021111 Make Forward Section Connector for ESP

MBARI Monterey Bay Aquarium Research Institute
7700 Sandholdt Rd
Moss Landing, CA 95039
(831) 775-1700 www.mbari.org

File: **Forward Section Connector, LRAUV Internal Pressure Vessel Wiring, Build5**
Date: **Wednesday, November 07, 2018**
Engineer: **Mulligan**
Sheet: **13** of **15**

DocuNet: **100221161**
Rev: **U**

File: **W63 Manufacturer and Distributor callout (was Belden, is Welco)**
Page Name: **130 Feed Section Conn Wiring**
Layout File: **Layout File**