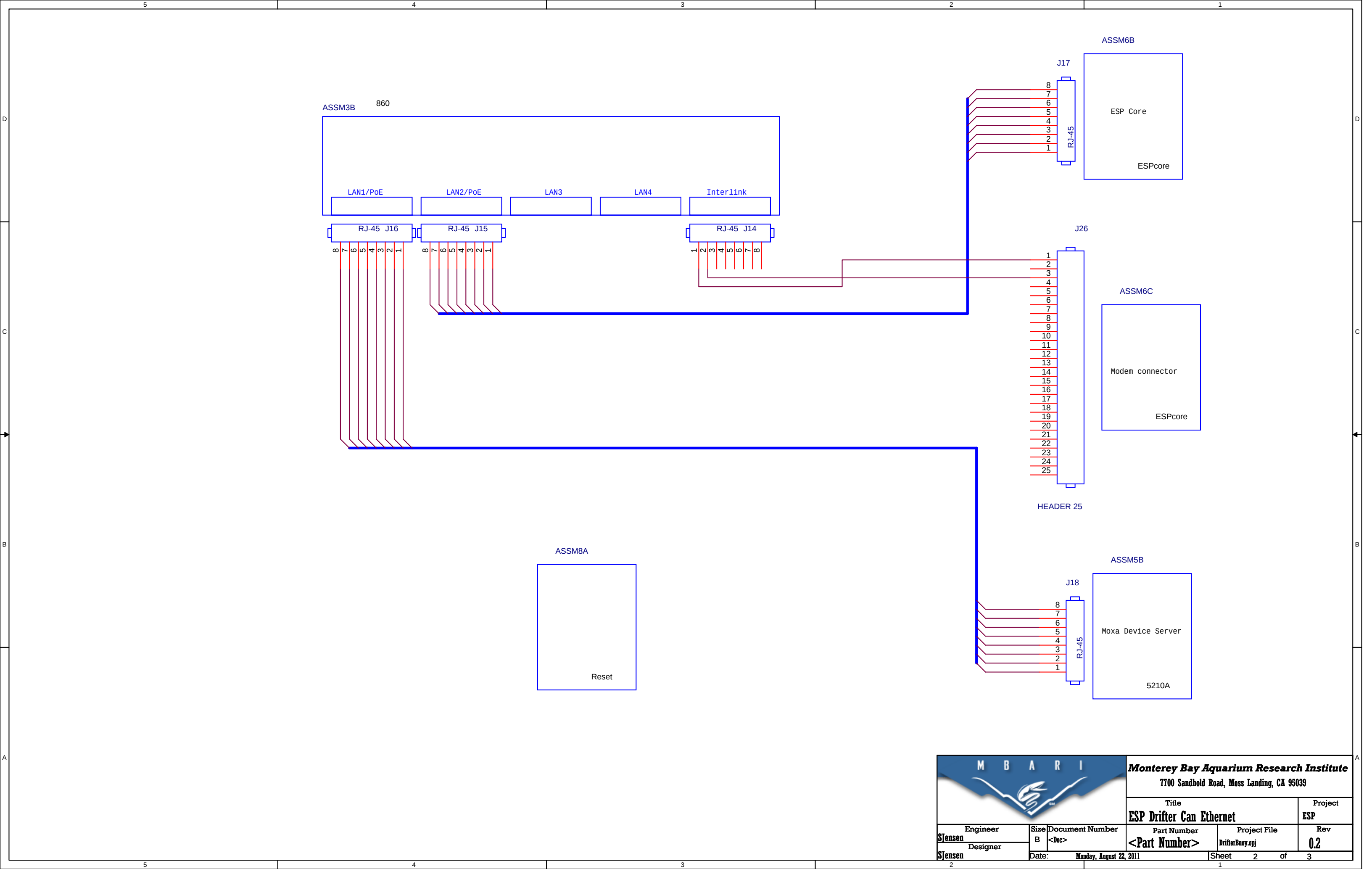
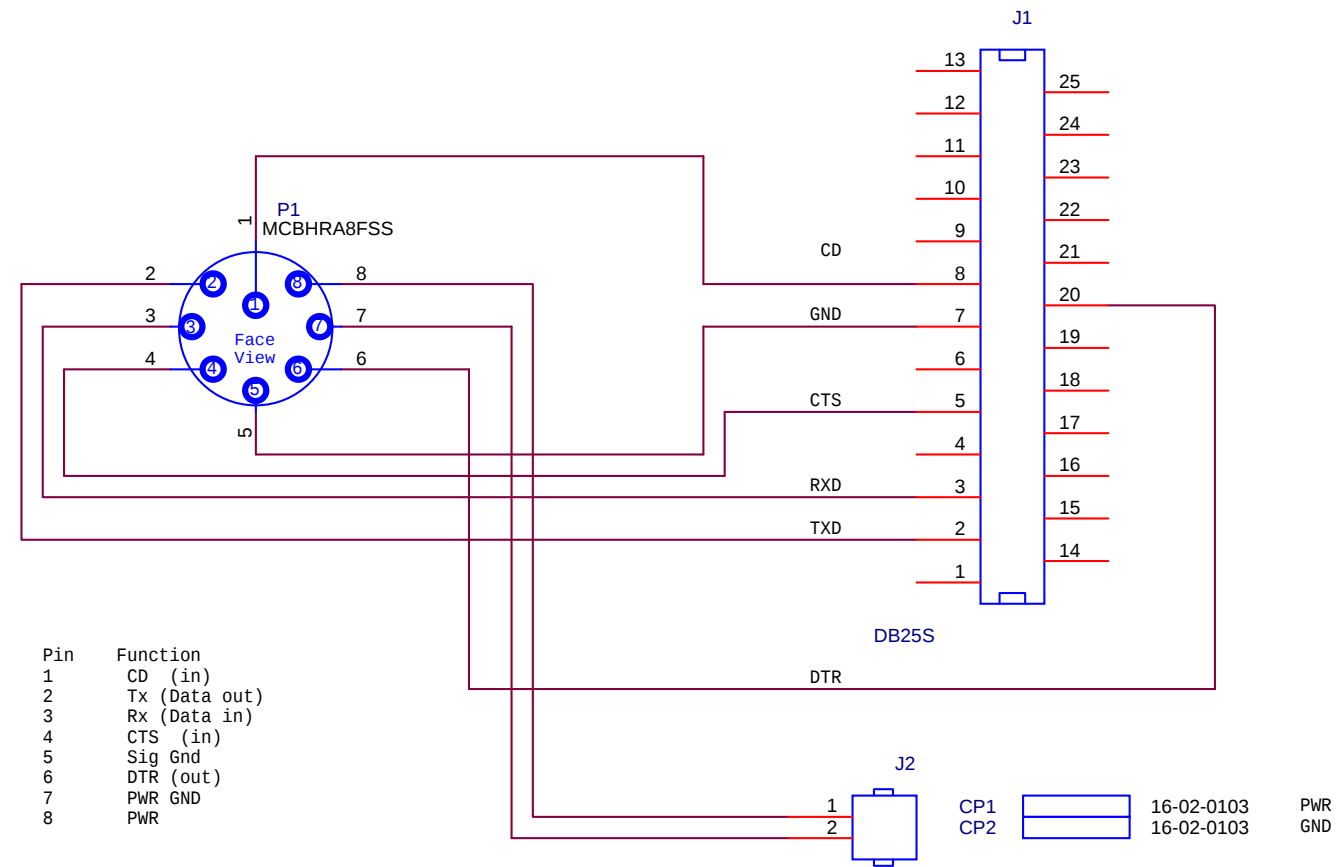
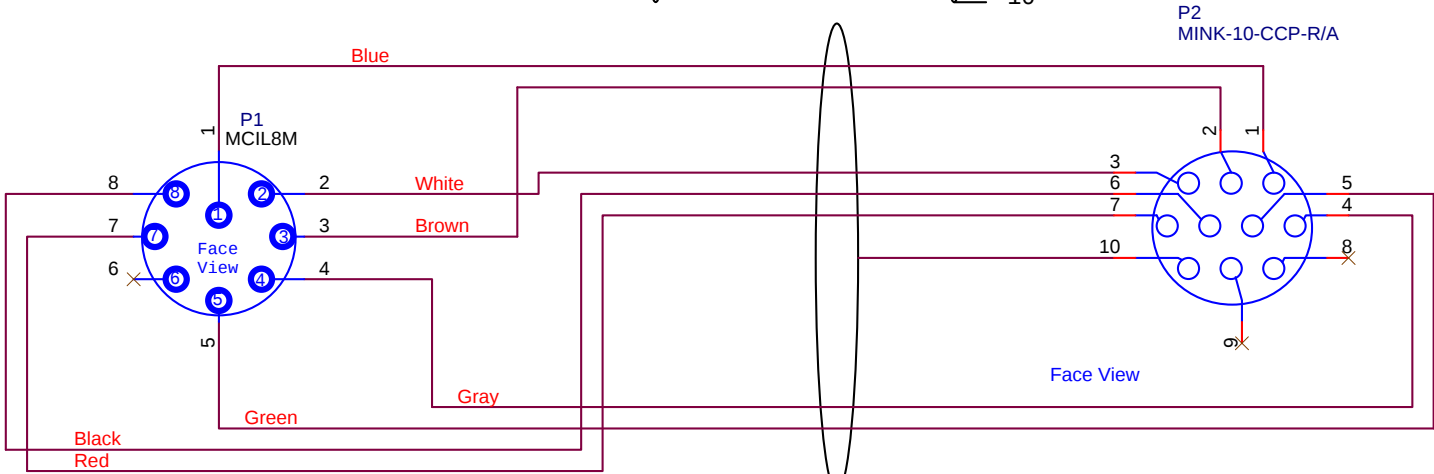
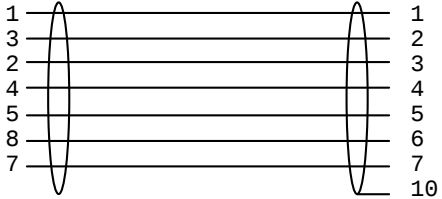




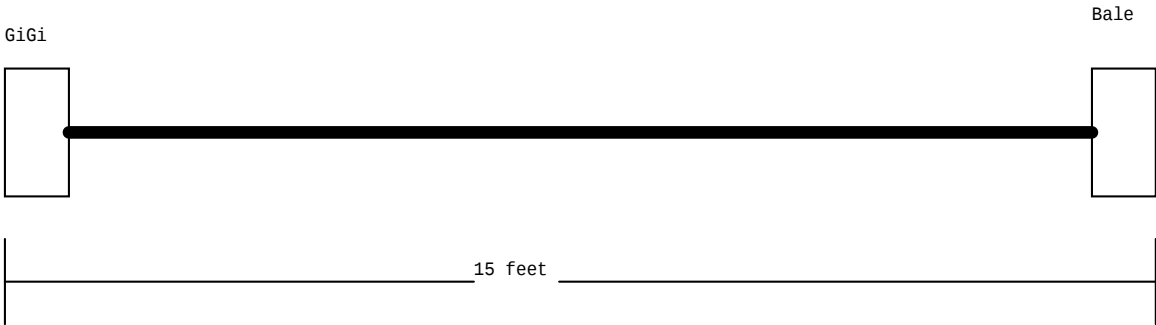
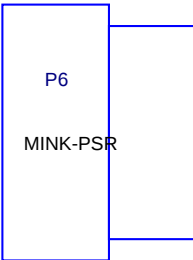
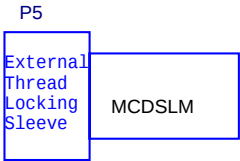
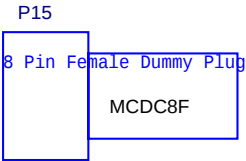
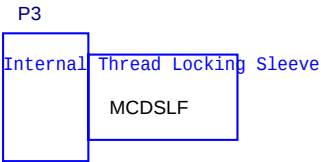


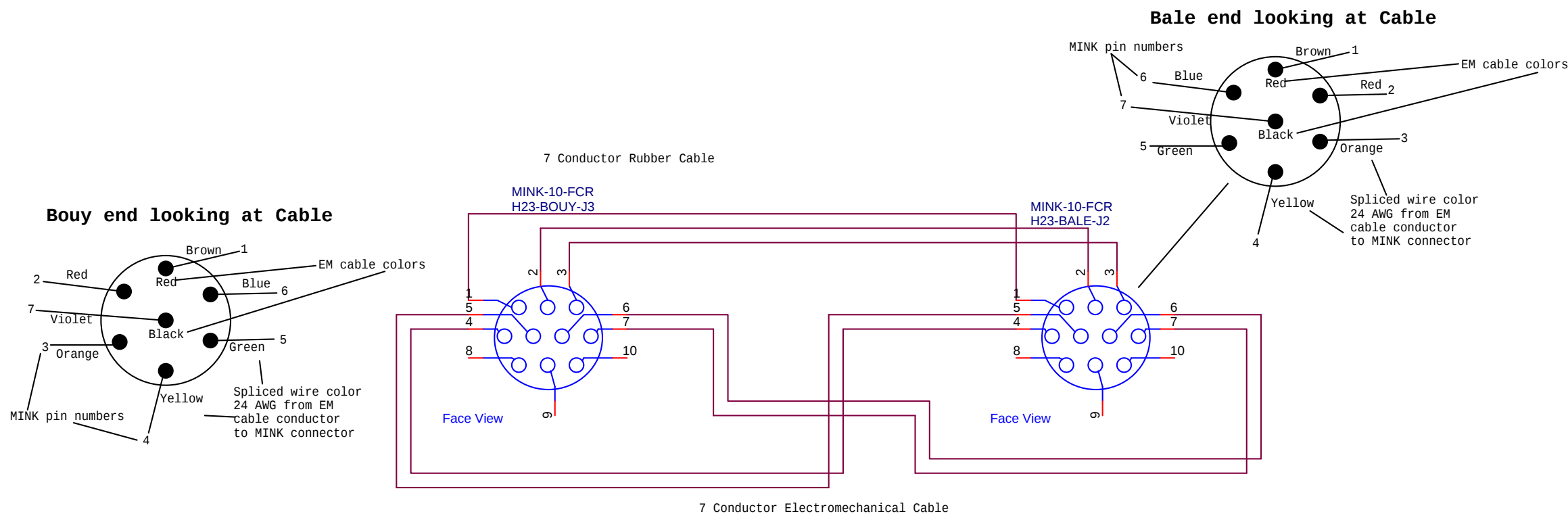
These were backwards; Pin 8 is power

P1 Pin	Function	Color	Gauge
1	CD (in)	Blue	20
2	Tx (Data out)	White	20
3	Rx (Data in)	Brown	20
4	CTS (in)	Gray	20
5	Sig Gnd	Green	16
6	DTR (out)	Green	20
7	PWR GND	Red	16
8	PWR	Black	16



Falmat FM051-597-A Rev A





J4



Molex

I am not sure if this is exactly correct on pinout (1-2) so check it when you can

PIN 1: 20AWG YELLOW FROM CTR TWISTED PAIR

PIN 2: 20AWG BLACK FROM CTR TWISTED PAIR

PIN 3: 22AWG BROWN AND SHIELD FROM ALL THREE COAX

PIN 4: 22AWG WHITE (NOT VISIBLE EMERGING FROM CABLE IN BOX)

PIN 5: 22AWG ORANGE

PIN 6: 22AWG RED

PIN 7: COAX CONDUCTOR BETWEEN WHITE AND RED WIRES

PIN 8: COAX CONDUCTOR BETWEEN ORANGE AND BROWN WIRES

PIN 9: COAX CONDUCTOR BETWEEN RED AND YELLOW WIRES

PIN 10: 22AWG YELLOW

PIN 3: COAX SHIELD

PIN 3: COAX SHIELD

PIN 3: COAX SHIELD

J1



CON10

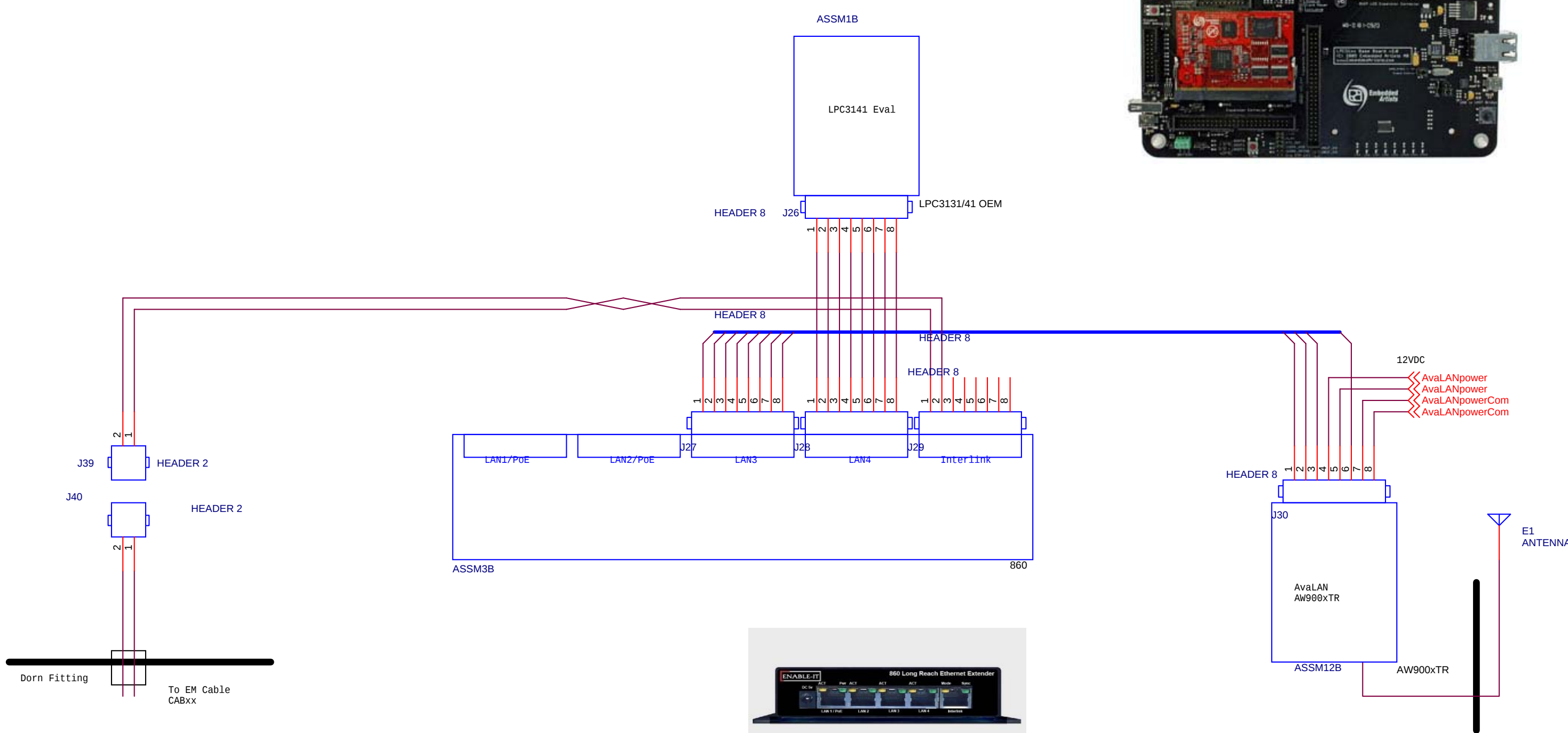
Connects to EM cable at Buoy base

MINK 10 - CCP - R/A

FOR ESP DRIFTER, PINS ONE AND TWO SHOULD BE USED (CURRENTLY PINS TWO AND THREE ARE BEING USED)

BLACK POLYURETHANE CABLE WITH MINK 10 - CCP - R/A. (RECEIVED FROM DJ AND FRENCH)

			Monterey Bay Aquarium Research Institute 7700 Sandhold Road, Moss Landing, CA 95039		
			Title ESP Drifter Buoy Can Comm's		Project ESP
Engineer P Coenen	Size B	Document Number <Doc>	Part Number <Part Number>	Project File BuoyCanComms.opj	Rev 0.0
Designer		Date: Monday, August 22, 2011	Sheet 1 of 13		



	Monterey Bay Aquarium Research Institute 7700 Sandhold Road, Moss Landing, CA 95039			
	Title ESP Drifter Buoy Ethernet		Project ESP	
Engineer SJensen	Size B	Document Number <Doc>	Part Number <Part Number>	Project File DrifterBuoy.app
Designer SJensen	Date: Thursday, July 28, 2011	Sheet 5	of 13	Rev 0.0