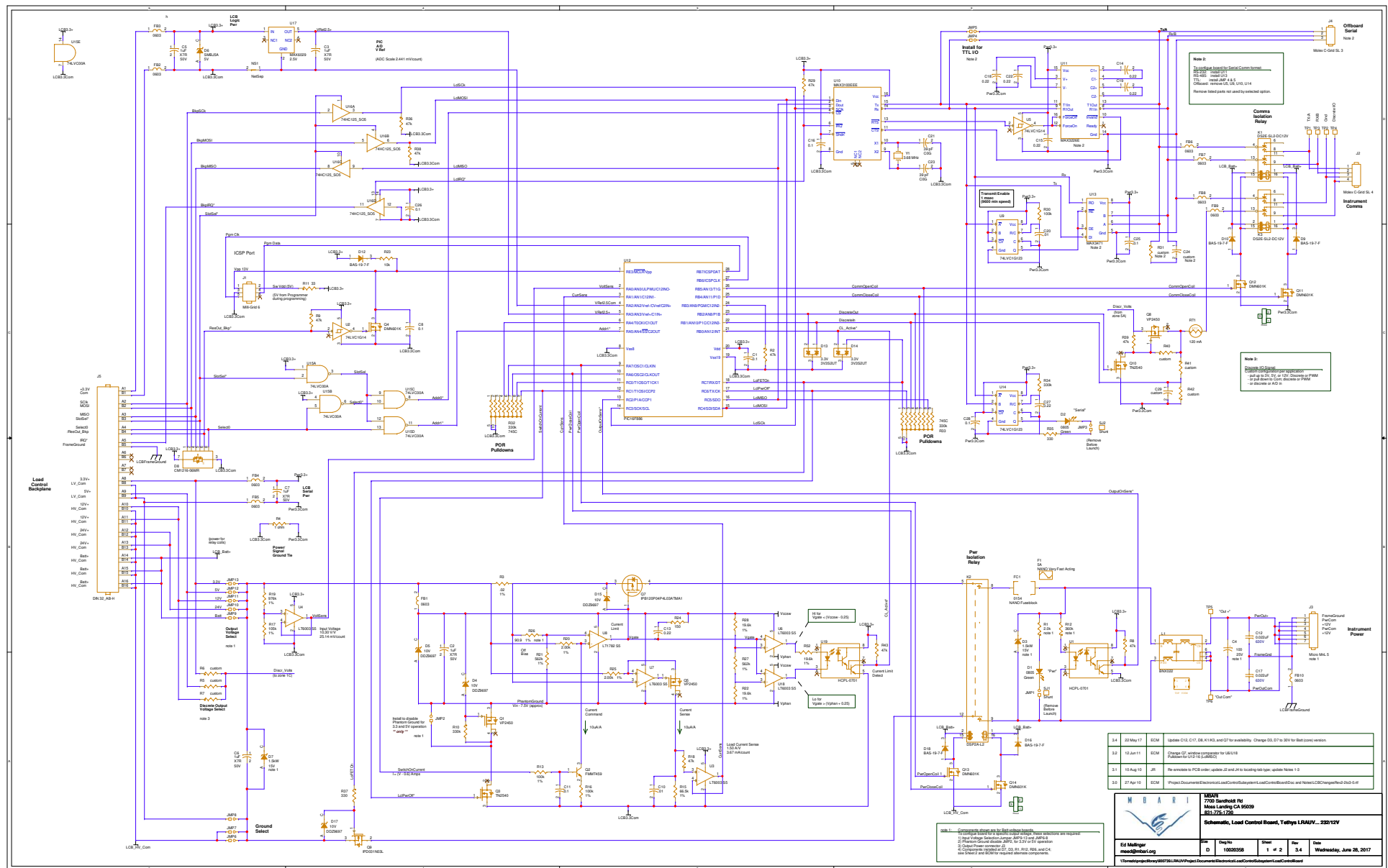




	Install for 3.3V	Install for 5V	Install for 12V	Install for VBatt (Placeholders on PWB)	Install for 24V
Input OVP	 D29 6.8V 1.5kW	 D23 6.8V 1.5kW	 D25 15V 1.5kW	(D7)	 D26 30V 1.5kW
Output OVP	 D27 6.8V 1.5kW	 D28 6.8V 1.5kW	 D30 15V 1.5kW	(D3)	 D31 30V 1.5kW
Dropping R for Pwr LED, Opto Drive	 R44 220  R45 68k	 R47 220  R46 68k	 R49 2.0k  R48 360k	(R1) (R12)	 R51 2.0k  R50 360k
Positive-Off Bias for current limiter	 R54 226	 R55 133	 R56 90.9	(R26)	 R57 90.9
Output Connector	J6 1 FrameGround 2 PwrCom 3 +3.3V Micro MnL 3	J7 1 FrameGround 2 PwrCom 3 +5V 4 PwrCom Micro MnL 4	J8 1 FrameGround 2 PwrCom 3 +12V 4 PwrCom 5 +12V Micro MnL 5	(J3)	J9 1 FrameGround 2 PwrCom 3 +24V 4 PwrCom 5 +24V 6 PwrCom Micro MnL 6 C11 Contact 20-24 P9 MnL Recept 7
Output Plug (ref)	P5 MnL Recept 3	P6 MnL Recept 4	P7 MnL Recept 5	(P9)	P8 MnL Recept 6
Output Cap	 C32 820 6.3V Polymer	 C33 820 6.3V Polymer	 C30 100 25V	(C4)	 C31 100 25V
Voltage Select Jumpers	JMP12, JMP 8	JMP12, JMP 8	JMP11, JMP 6+7	JMP9, JMP 6+7	JMP10, JMP 6+7
Phantom Ground Disable	JMP2	JMP2	none	none	none

3.1	20 Sep 10	ECM	add Voltage Select and Phantom Ground Disable jumper info (no change in Rev Level)
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Stuff Options, Load Control Board, Tethys LRAUV

Ed Mellinger meed@mbari.org	Size B	Dwg No 10020358	Sheet 2 of 2	Rev 3.1	Date Wednesday, June 28, 2017
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