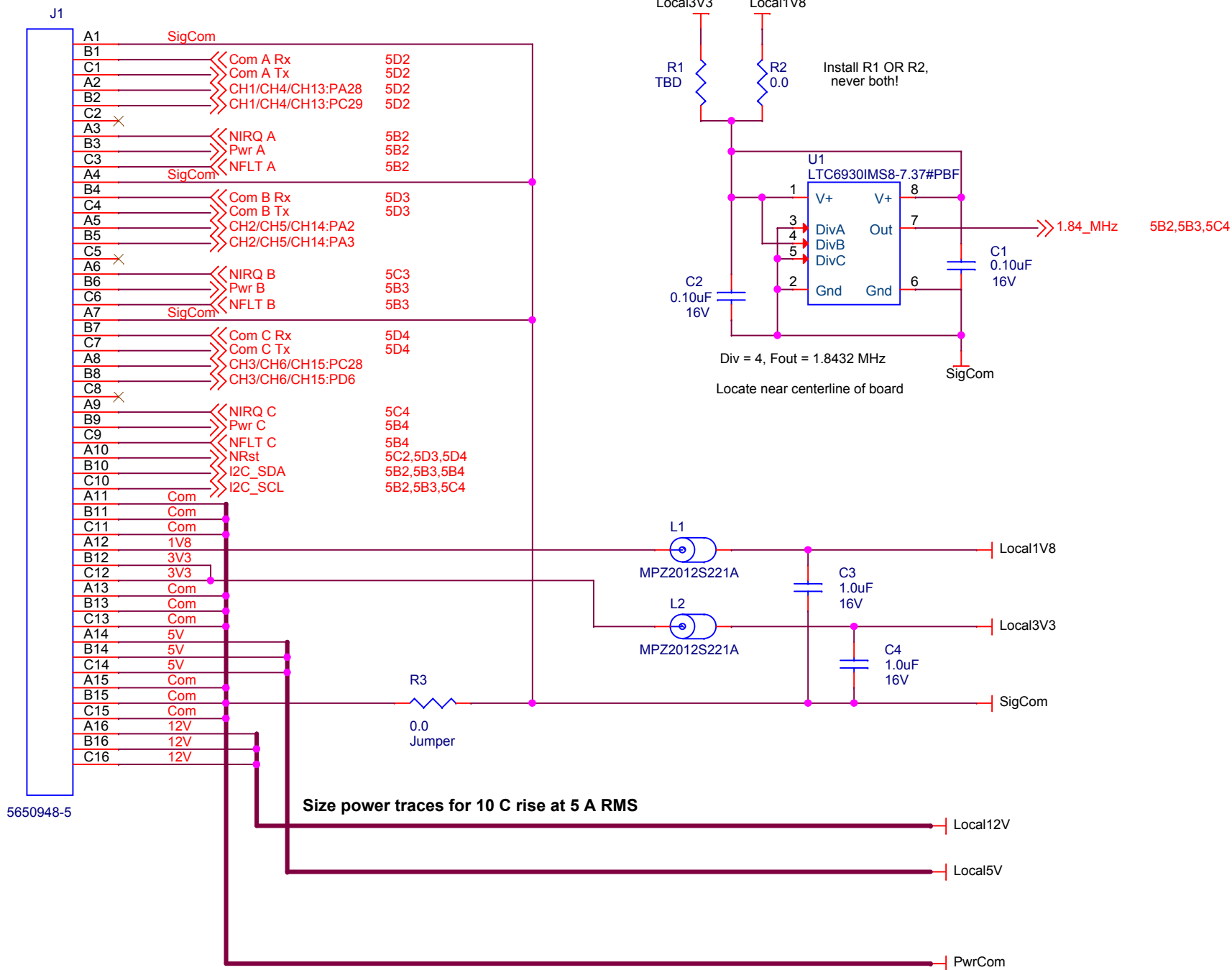


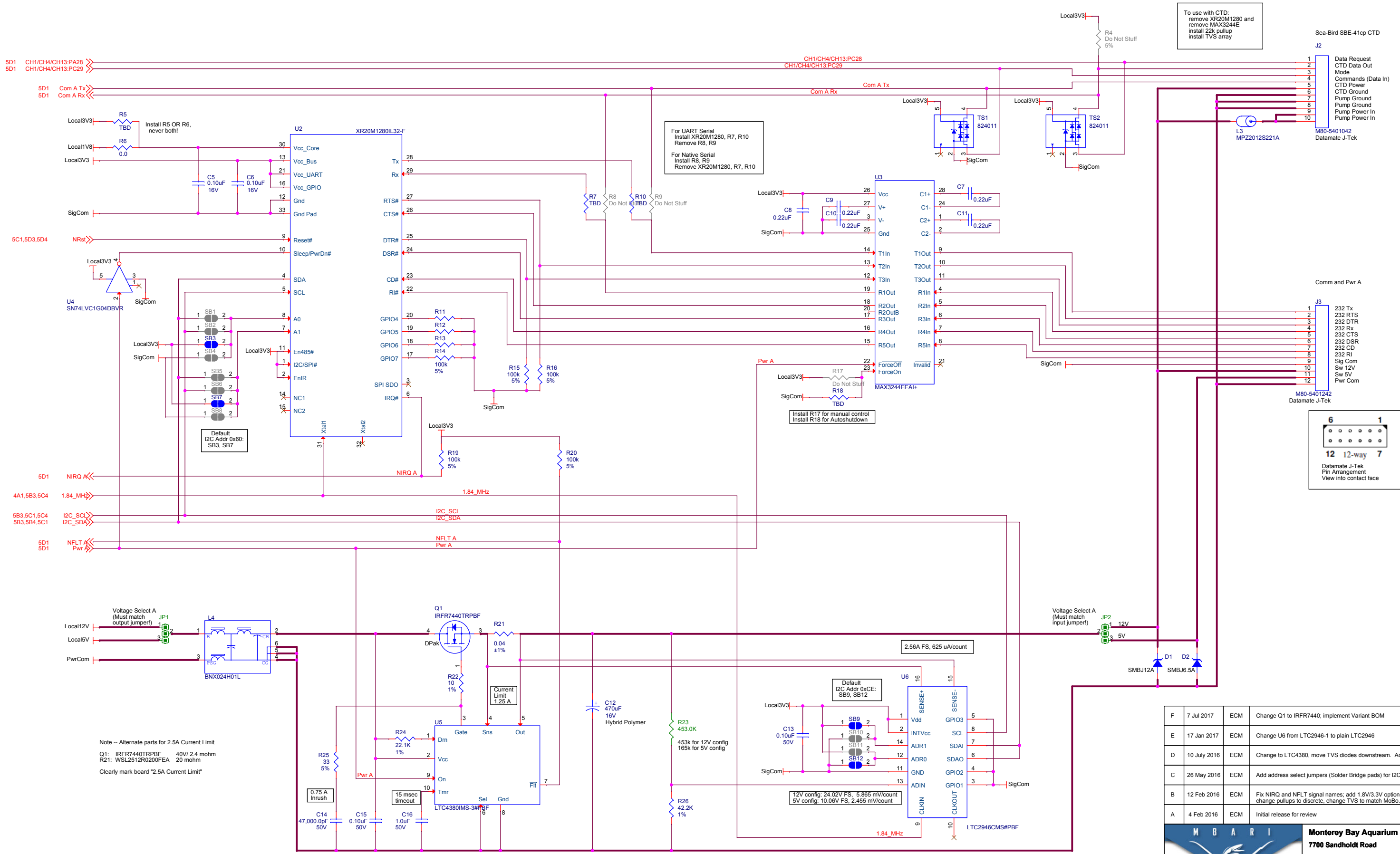


D	24 Aug 2016	ECM	Correct separation of Com and SigCom nets
C	26 May 2016	ECM	Change J1 signal names to match .XLS sheet 13 (18 Apr 16)
B	12 Feb 2016	ECM	Fix NIRQ and NFLT signal names; add 1.8V/3.3V option for oscillator
A	4 Feb 2016	ECM	Initial release for review



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Title Schematic, Bus Interface, Power Switch Board, Coastal Profiling Float			Document Number 100221094	Rev D
Size B	Date: Wednesday, July 19, 2017	Engineer Mellinger	Sheet 1	of 5
Design File X:\CPFI\ELECTRICAL ENGR\ORCAD PROJECTS\IED'S STUFF\SCHEMATICS\100221094-CPF-POWERSWITCH.DSN				
Schematic Name 100221094CPF-PwrSwitchSchematic		Page Name 01BusInterface		Layout File <Layout File>



Note -- Alternate parts for 2.5A Current Limit
Q1: IRFR7440TRPBF 40V/ 2.4 mohm
R21: WSL2512R0200FEA 20 mohm
Clearly mark board "2.5A Current Limit"

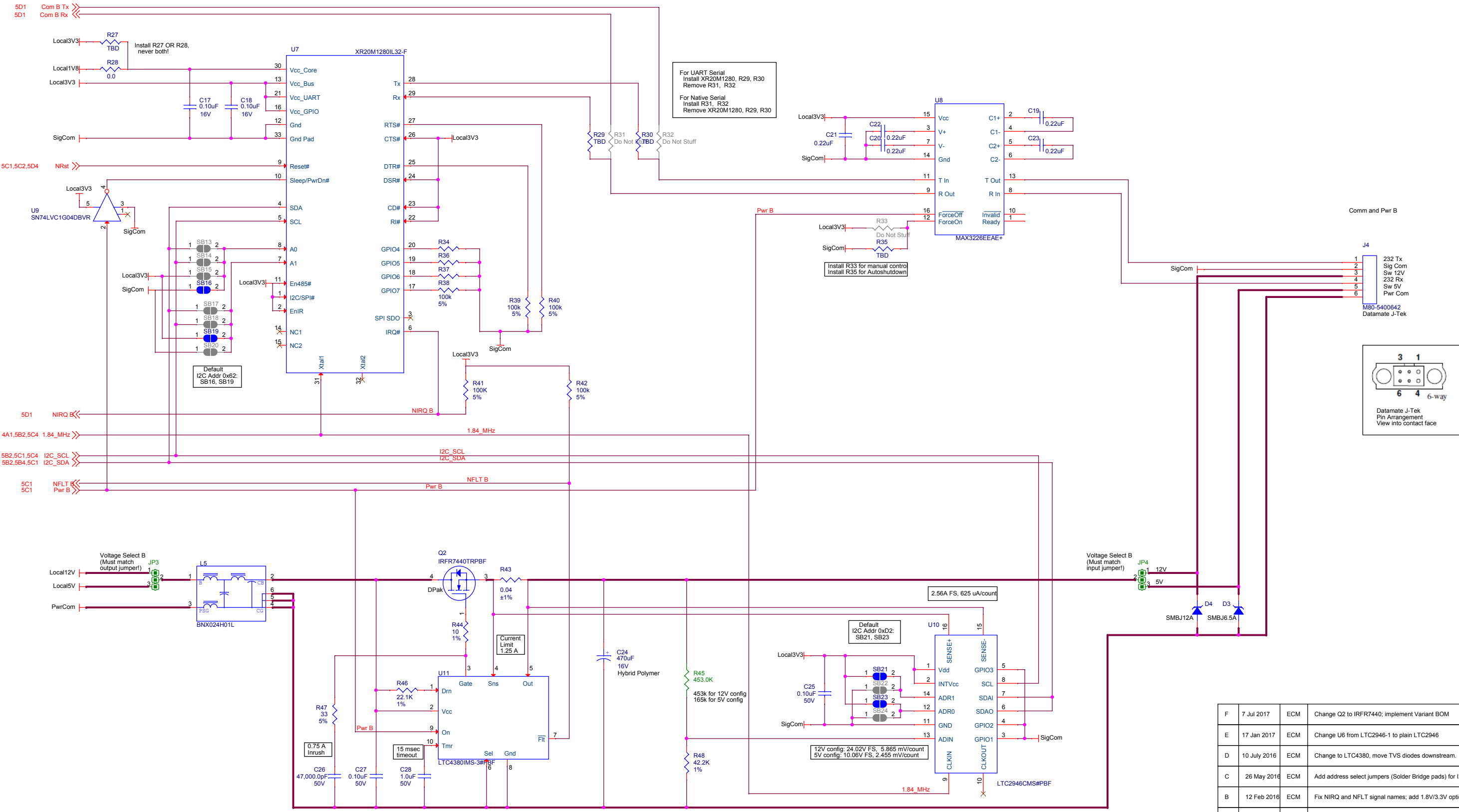
F	7 Jul 2017	ECM	Change Q1 to IRFR7440; implement Variant BOM
E	17 Jan 2017	ECM	Change U6 from LTC2946-1 to plain LTC2946
D	10 July 2016	ECM	Change to LTC4380, move TVS diodes downstream. Add NFLT pullup.
C	26 May 2016	ECM	Add address select jumpers (Solder Bridge pads) for I2C devices.
B	12 Feb 2016	ECM	Fix NIRO and NFLT signal names; add 1.8V/3.3V option for UART; change pullups to discrete, change TVS to match MoBo.
A	4 Feb 2016	ECM	Initial release for review



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Title: Schematic, Channel A, Power Switch Board, Coastal Profiling Float		Document Number: 100221094	Rev: F
Size: Custom		Date: Thursday, July 20, 2017	Engineer: Mellinger
Design File: X:\CPFELECTRICAL\ENGR\ORCAD\PROJECTS\SED'S STUFF\SCHMATIC\100221094-CPF-POWERSWITCH.DSN		Page Name: 02ChannelA	Layout File: <Layout File>

Design File	Page Name	Layout File
X:\CPFELECTRICAL\ENGR\ORCAD\PROJECTS\SED'S STUFF\SCHMATIC\100221094-CPF-POWERSWITCH.DSN	02ChannelA	<Layout File>



F	7 Jul 2017	ECM	Change Q2 to IRRFR7440; implement Variant BOM
E	17 Jan 2017	ECM	Change U6 from LTC2946-1 to plain LTC2946
D	10 July 2016	ECM	Change to LTC4380, move TVS diodes downstream. Add NFLT pullup.
C	26 May 2016	ECM	Add address select jumpers (Solder Bridge pads) for I2C devices.
B	12 Feb 2016	ECM	Fix NIRQ and NFLT signal names; add 1.8V/3.3V option for UART
A	4 Feb 2016	ECM	Initial release for review



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Title: Schematic, Channel B, Power Switch Board, Coastal Profiling Float		Document Number: 100221094	Rev: F
Size: Custom		Date: Thursday, July 20, 2017	Engineer: Mellinger
Design File: X:\CPPI\ELECTRICAL\ENGR\ORCAD PROJECTS\ED'S STUFF\SCHMATIC\100221094-CPF-POWERSWITCH.DSN		Sheet: 3	of: 5
Schematic Name: 100221094-CPF-PwrSwitchSchematic		Page Name: BChannelB	Layout File: <Layout File>

