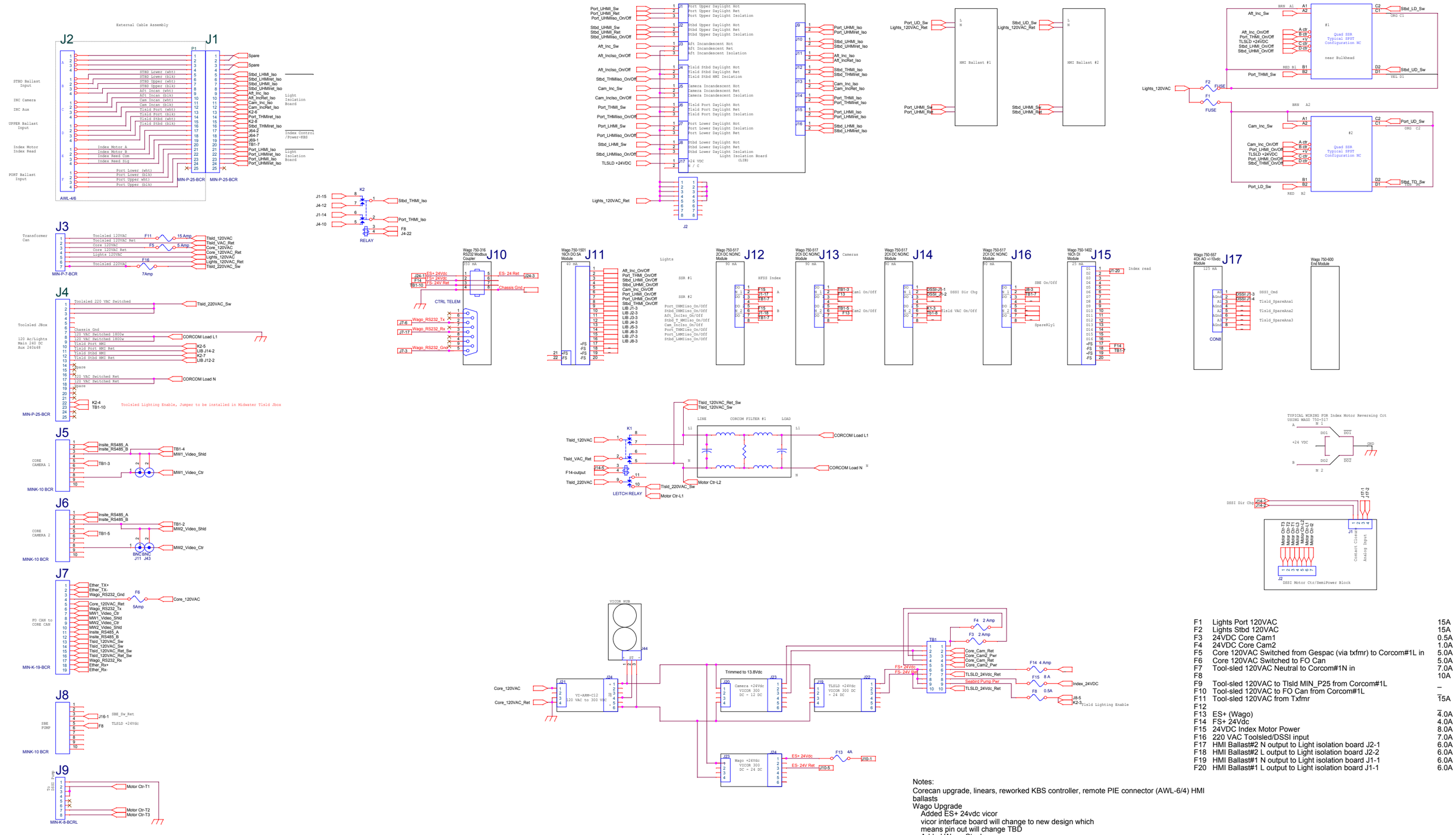

F1	Lights Port 120VAC	15A
F2	Lights Stbd 120VAC	15A
F3	24VDC Core Cam1	0.5A
F4	24VDC Core Cam2	1.0A
F5	Core 120VAC Switched from Gespac (via txfmr) to Corcom#1L in	5.0A
F6	Core 120VAC Switched to FO Can	5.0A
F7	Tool-sled 120VAC Neutral to Corcom#1N in	7.0A
F8		10A
F9	Tool-sled 120VAC to Tlsld MIN_P25 from Corcom#1L	–
F10	Tool-sled 120VAC to FO Can from Corcom#1L	–
F11	Tool-sled 120VAC from Txfmr	15A
F12		–
F13	ES+ (Wago)	4.0A
F14	FS+ 24Vdc	4.0A
F15	24VDC Index Motor Power	8.0A
F16	220 VAC Toolsled/DSSI input	7.0A
F17	HMI Ballast#2 N output to Light isolation board J2-1	6.0A
F18	HMI Ballast#2 L output to Light isolation board J2-2	6.0A
F19	HMI Ballast#1 N output to Light isolation board J1-1	6.0A
F20	HMI Ballast#1 L output to Light isolation board J1-1	6.0A

Notes:

Corecan upgrade, linears, reworked KBS controller, remote PIE connector (AWL-6/4) HMI ballasts

Wago Upgrade
- Added ES+ 24vdc vicor
- vicor interface board will change to new design which means pin out will change TBD
- Added Wago Stack
- Deleted Gespac IO
- Deleted Minarek Ctr
- Added steering relay for Tlsld Lighting
- Deleted camera and direction ctr relays
- Deleted Kevins Ctr

MBARI Department of Marine Operations

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Title: Corecan Upgrade

Size	Document Number	Rev
D	VEN2014-003	B

Date: Tuesday, September 30, 2014 Sheet 1 of 3