

10/16/24

~~Connect~~ Topside Connection for the RV Fulmar

1. Disconnect GPS antenna from ^{long gray} serial cable
2. Disconnect SonarSyne transducer from back of SonarSyne box in rack
3. HDMI cable from Sonar PC to small monitor
4. Firewire (1) + AC cable (1) to Video Raid, Firewire from m3RS ~~to~~ MAC, AC cable from Plug strip
5. Red Ethernet cable to the winch
6. (NOT FOR FULMAR) Blue Eth cable for ship's network
7. Yellow serial to RT45 from Magna to GFI box
8. 3 ϕ 208VAC cable into Magna (connect to generator or Fulmar)
9. 400VDC cable between Magna & GFI box
10. 400VDC out to vehicle from GFI box
11. Disconnect 3 fibers (Video, Pump, Main Vehicle telemetry) from plastic tube breakout. Video goes to CWD, Pump & Vehicle go to Focal box
12. Fiber from upgrade port of ~~to~~ CWD to compass lab ^{topside} bottle
13. Ethernet cable to compass ^{topside} electronics
14. SW grd (on back of GFI box) connects to ~~the~~ test tank SW grd on shore, to ship grd at sea
15. Orange 110VAC from GFI box to plug strip goes into "Always on" plug
16. Blue eth cable from GFI box to eth switch

21. ~~po~~ AC power cord to router
22. Winch video BNC into input 4 of video hub
23. AC cables from 3 power strips onto right side of battery back up
24. USB cable from winch/clump joystick to co-pilot
25. USB cable from main vehicle joystick to main PC
27. HDMI to main display from tiler
28. HDMI from KVM to CUI monitor
29. E-stop for ~~to~~ to winch