

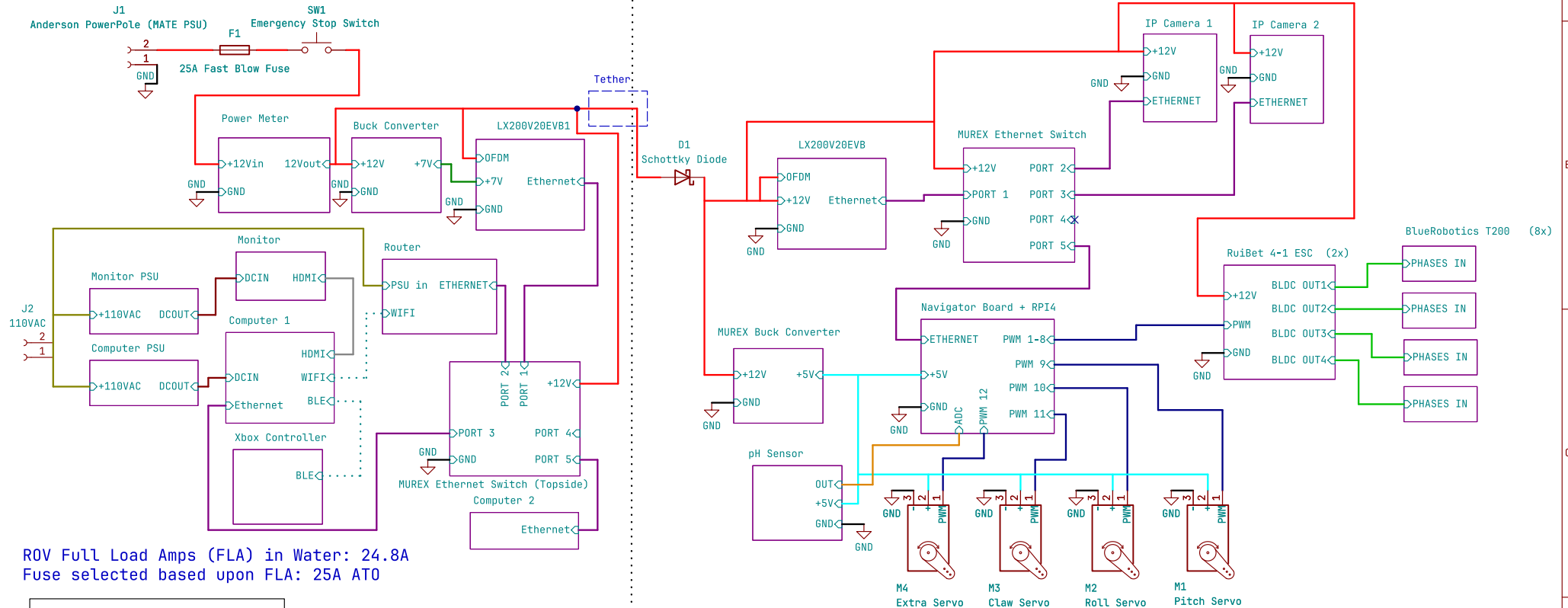
# SYSTEM INTEGRATION DIAGRAM (SID)

\*Fluid power is not used



## Topside

## Aquatic



ROV Full Load Amps (FLA) in Water: 24.8A  
Fuse selected based upon FLA: 25A ATQ

### SID Legend

110VAC	12V
GND	5V
PSU DC	PWM
HDMI	Ethernet
7V	BLDC Phases
Wireless	Analog

System Integration Diagram (SID)  
MUREX ROV V4.0

MUREX Robotics

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File: 2025\_SID.kicad\_sch

**Title: System Integration Diagram**

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