

EXPLORER

Other issues

AASTMT	Invictus	-
Alexandria University	Made In Alexandria (MIA)	-
Alexandria University	ROBO-TECH	-
Case Western University	CWRUbotix	Calculations show 30 amp fuse, SID shows 20 amp fuse.
CETYS University Mexicali Campus	SeaFox Inventive	-
City University of Hong Kong	CityU Underwater Robotics	-
Copiah-Lincoln	SeaWolves	-
ETH Zürich	Tethys Robotics	-
HKUST	EPOXSEA	-
Jesuit High School	Jesuit Robotics	-
Linn-Benton Community College	Linn-Benton ROV	No fuse shown on SID. No fuse calculations shown on SID. No topside shown on SID.
Long Beach City College	Viking Explorers	-
Macau Anglican College	Fish Logic	-
Memorial University	Eastern Edge Robotics	-
Newcastle University	NUROVers	-
Politecnico di Torino	PoliTOcean	Metal Detector is independent sensor. Make sure it is powered from batteries on surface, not onboard batteries.
Purdue University	Purdue IEE ROV Team	-
SVKM's NMIMS MPSTME	Team Screwdrivers	No fuse calculations on SID. No fuse calculations in Safety Review (CSR). No micro-ROV documentation or SID. No strain relief shown in CSR.
Tecnológico de Monterrey	TecXotic	SID is not higher level diagram. No fuse shown on SID. No fuse calculations on SID. Fuse calculations in Company Safety Review (CSR) show an overcurrent protection of 22.96. ROV should therefore use a 25 amp fuse, not the 30 amp fuse shown. No bottom side strain relief shown in CSR.

EXPLORER

Other issues

University of California, Santa Cruz	Slugbotics	Make sure cameras are all powered from MATE supply. Make sure that "hot" terminals in control box are protected.
University of Central Lancashire	UMC - UCLAN Mechatronics Club	-
University of Rhode Island	URI Hydrobotics	Company Safety Review does not follow requirements laid out in manual. Unable to evaluate any safety issues.
University of Sheffield	Avalon	No image of control system in Company Safety Review.
University of Stavanger	UiS Subsea	-
Yildiz Teknik Universitesi	CASMarine	SID does not show motors, cameras or other specifics, just peripherals. SID does not show 48 to 12 volt conversion. No Micro-ROV SID. Company Safety Review does not meet any of the CSR requirements from the manual. Unable to determine if safety issues exist.

	Micro-ROV	Image recognition documentation submitted	Other systems
AASTMT	Copper Wire	Yes	Fluid Power Approved. Laser Approved.
Alexandria University	Copper Wire	Yes	Fluid Power Approved.
Alexandria University	Copper Wire	Yes	Fluid Power Approved. Laser Approved.
Case Western University	Fiber Optics	Yes	Fluid Power Approved.
CETYS University Mexicali Campus	Copper Wire	No	-
City University of Hong Kong	Copper Wire	Yes	Fluid Power Approved.
Copiah-Lincoln	Fiber Optics	Yes	-
ETH Zürich	Fiber Optics	Yes	Fluid Power Approved. Laser Approved. Pressure release valve approved.
HKUST	Fiber Optics	Yes	Fluid Power Approved. Pressure release valve approved.
Jesuit High School	Not attempting	Yes	Fluid Power Approved.
Linn-Benton Community College	Copper Wire	Yes	Fluid Power Approved.
Long Beach City College	Copper Wire	Yes	Fluid Power Approved.
Macau Anglican College	Fiber Optics	Yes	Fluid Power Approved.
Memorial University	Fiber Optics	Yes	Fluid Power Approved, but not using FP
Newcastle University	Copper Wire	No	Fluid Power Approved. Laser Approved.
Politecnico di Torino	Copper Wire	Yes	Fluid Power Approved, but not using FP
Purdue University	Copper Wire	Yes	Fluid Power Approved.
SVKM's NMIMS MPSTME	??	Yes	-
Tecnológico de Monterrey	Copper wire	Yes	Fluid Power Approved.

Image recognition
documentation
submitted

	Micro-ROV	Image recognition documentation submitted	Other systems
University of California, Santa Cruz	Copper wire	Yes	Fluid Power Approved. Laser Approved.
University of Central Lancashire	Copper Wire	Yes	Fluid Power Approved. Laser Approved.
University of Rhode Island	Copper wire	Yes	Fluid Power Approved.
University of Sheffield	Copper wire	Yes	Fluid Power Approved.
University of Stavanger	Copper wire	No	Laser Approved.
Yildiz Teknik Universitesi	Copper wire	Yes	-