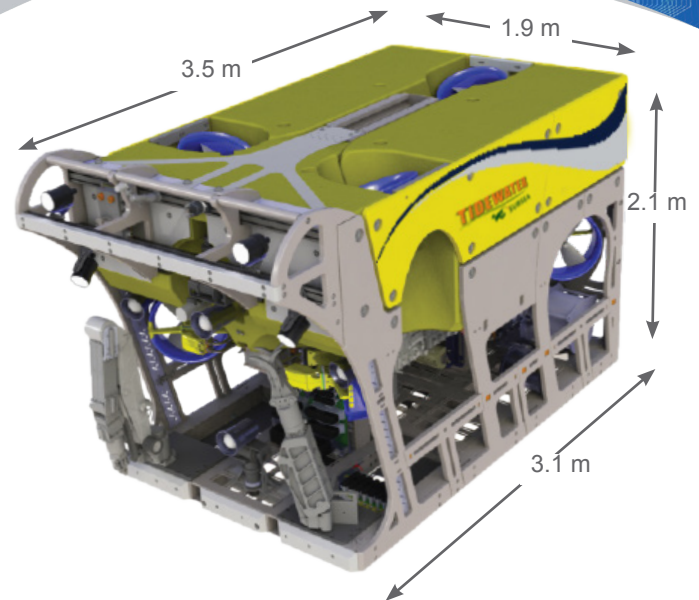


UHD ROV Gen III Technical Specification



Overall

Depth Range	3,000 msw
Water Temperature Range	-2 to +32 C
Vessel Power	400 - 480 VAC (opt 690 VAC)
Frequency	60 Hz +/-0.5%

Vehicle

HPU	250 shp
Dimensions	3.5 m x 1.9 m x 2.1 m
Through-Frame Lift	3,500 kg
Safe Working Load	17.75 ton
Weight in Air	5,500 Kg
Manipulators	TITAN 4 seven-function (Schilling) RigMaster Five-function grabber
Payload	450 kg
Thrust (Forward/Aft/Lateral)	1,200 kgf
Thrust (Vertical-up/Down)	1,000 kgf
Low Light Camera	Insite-Mercury
Color Zoom Camera	Insite-Pegasus
Docking Camera	Insite-Aurora
Dept/Heading Sensor	CDL Togs
Doppler	RDI-Navigator 1200 KH
Strobe	Novatech-ST400AR
Sonar	Tritech-DFS
Lights	(2) 120 VAC MV-LED (ROS) (2) 120 VAC QLED (ROS)

Hydraulic System

MAIN SYSTEM PUMPS

Main Pumps	2 x Linde - 135 cc
Nominal Operating Pressure	207 Bar - 3,000 psi
System Flow, at 3,000 psi	432 lpm / 114 gpm
Maximum Pressure	275 bar / 4,000 psi

TOOLING VALVE PACK

Proportional High Flow (1)	72 LPM max at 3,000 psi
NG6 Proportional (2)	32 LPM at 3,000 psi
NG3 Proportional (6)	8 LPM at 3,000 psi

AUXILIARY TOOLING INTERFACE

Maximum Operating Pressure	50 gpm at 5,000 psi
Fluid Compability	Hydraulic Oil, Glycol, MEG, Sea Water

Tether Management System

Type	Top Hat
Length	850 m
Color Zoom Camera (2)	Insite-Pegasus
Color Camera (2)	Insite-Aurora