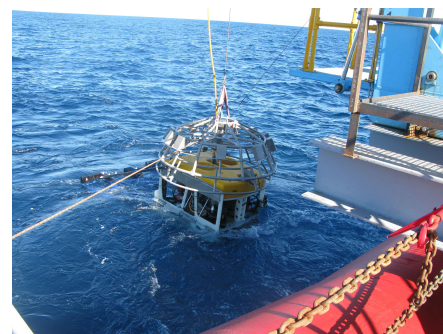
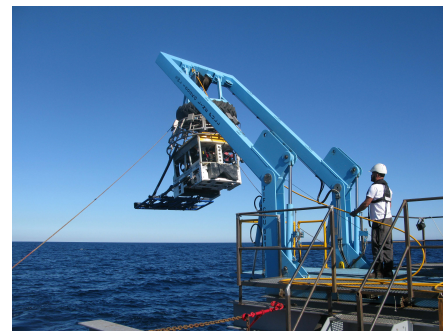
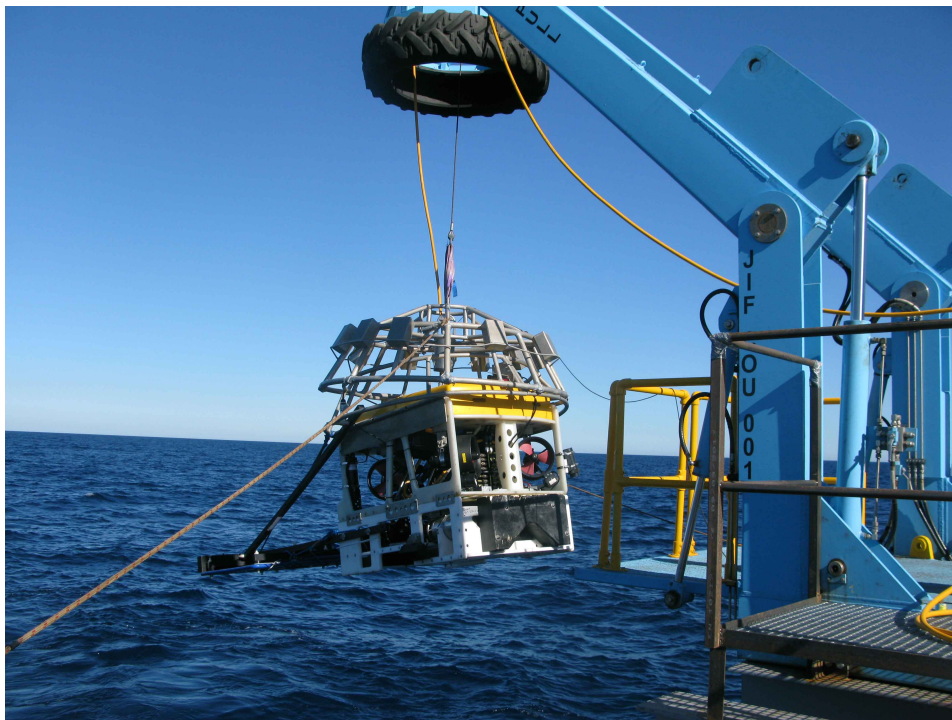


COUGAR XT 33

COMPACT WORK ROV



VEHICLE SPECIFICATIONS

ROV CODE:	C223
DEPTH RATING (msw):	2000
PAYLOAD (kg):	80 LEAD BALLAST
MASS IN AIR (kg):	344
LENGTH (mm):	1515
HEIGHT (mm):	790
WIDTH (mm):	1000
FORWARD SPEED (kts):	3.2
THRUST FORWARD (kgf):	170
THRUST LATERAL (kgf):	120
THRUST VERTICAL (kgf):	110

CONTROL & NAVIGATION

COMPASS & RATE GYRO:	Accuracy $\pm 0.5^\circ$ Resolution 0.351° Update Rate 98MS
DEPTH SENSOR:	Accuracy $\pm 0.1\%$ FSD
VIDEO SYSTEM:	3 Simultaneous channels (+1 spare)
SONAR:	Tritech Super Seaking Sonar
ALTIMETER:	Tritech pa200 Altimeter
LIGHTNING:	160w of led lighting
AUTOPILOT:	Auto heading, Depth & Altitude

FREE INTERFACES ON ROV EP0D

REPLACEMENT PART:	Spare Fiber Optic
AUX 1:	0V 24V, 1 x RS485 & 1 x RS232
AUX 2:	0V 24V, 1 x Ethernet 100 mb
AUX 3:	0V 24V, 1 x Twisted pair 1 x RS232
POWER:	4.5 KW 660VAC (Tooling dedicated power line)

CONTROL ROOM

ALL THE EQUIPMENTS:	All the equipment required to work in a 20' ATEX container with ISO Corner on top & bottom, lifting eyes and sling including: - 6 x 19" LCD Screens // 2 x Hard drive video recorders // 1 x Canford audio communication system // 2 x Computers // 1 x Printer // 1 x AC syst
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TOOLS AVAILABLE AS STANDARD

TOOLS:	- 2 x Hydrolek's HLK-HD5 5 Function Manipulators // Fitted with two 360° continuous rotating jaws // Able to lift up to 50KG at full reach of 800 mm
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OPTIONAL FEATURES AVAILABLE OFF THE SHELF

OPTIONAL:	- GAPS USBL // Blueview acoustic camera // Added cameras // Hydraulic cutting tools // Jetting tools
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COUGAR XT 33

GENERAL ARRANGEMENT



LAUNCH AND RECOVERY SYSTEM

- 1 x A-frame SWL 1000 KG
- 1 x Folding platform
- 1 x Snubber assembly
- 1 x Winch with 400 M long umbilical
- 1 x Jifmar patented passive TMS

FACILITIES REQUIRED ON BOARD THE SUPPORT VESSEL

- 1 x Power Plug 3 phasis 380 to 480 VAC at 63 AMPS, 20 M away from container max.
- 1 x Power Plug 3 phasis 380 to 480 VAC at 32 AMPS, 20 M away from LARS max.
- Fresh water to wash the ROV after each dive.
- The ability to secure or weld tie down plates for the LARS.

