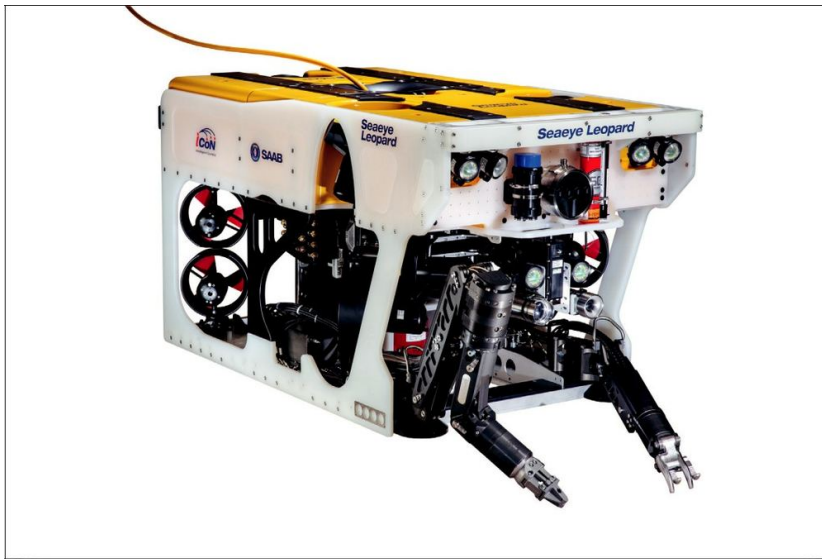


REMOTELY OPERATED VEHICLES

Electric Work-Class ROV — 1,000m, Deep-Water IRM

1,000m depth	205 kg payload	1t through-frame lift	3 knot current rating
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**SCOPE OF WORK**

A 1,000-metre work-class electric ROV with 205 kg payload and a 1-tonne through-frame lift capability. Dual Schilling Orion manipulators, station-keeping and cruise autopilots, and a full optional sensor and tooling package (multibeam, DVL, cutters) support drill support, pipeline survey, salvage and deep-water IRM.

Vehicle

Depth rating	1,000 m
Dimensions (L x W x H)	2.15 x 1.16 x 1.17 m
Launch weight	< 1,200 kg
Forward speed / thrust	> 3 knots / 500 kgf
Payload / through-frame lift	205 kg / 1,000 kg

Propulsion & Control

Thrusters	11 vectored, 500V brushless DC
Control system	iCON distributed intelligence, station keeping/cruise/transit/standoff

Tooling & Sensors

Manipulators	Schilling Orion 7P (3.8") + Orion 4R (7.8")
Cameras	1 mono + 2 colour wide-angle, 4-channel DVR
Sonar	Tritech Super Seaking DST avoidance sonar
Optional	Multibeam, 2D real-time sonar, DVL, underwater AHRS, cutters, nut splitter, tooling skids

Launch & Recovery	
TMS	Caged Type 8, 200 m tether, 2,000 m TMS depth rating
LARS	6.62 m A-frame, 23 t, 3.6 m outreach
Umbilical	1,300 m