

ARE YOU READY TO GET REAL?



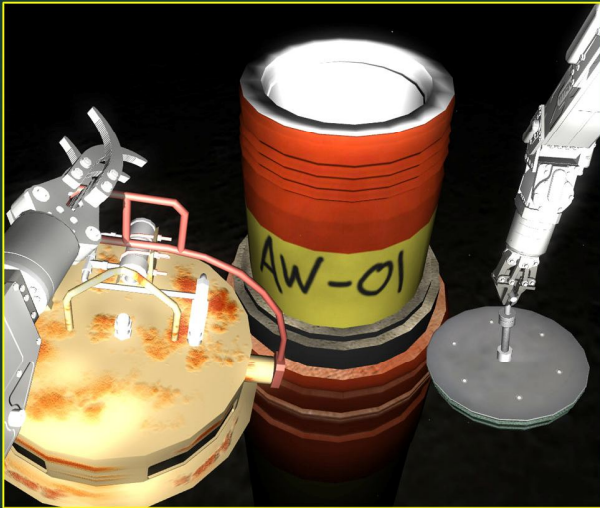
**GRI
SIMULATIONS INC.**

VROV

Virtual Remotely Operated Vehicle

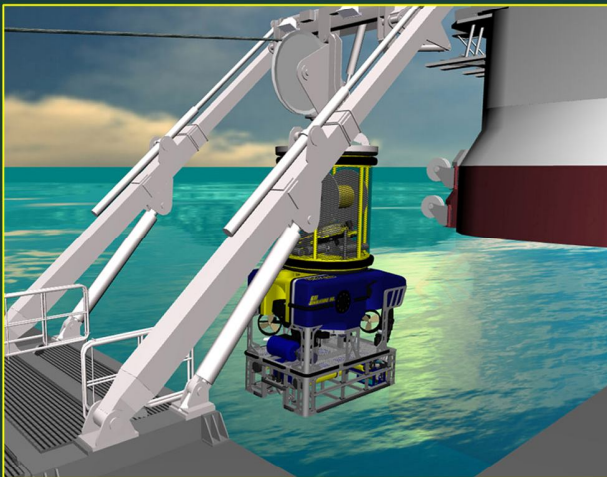
LEADERS IN THE FIELD OF SUBSEA SIMULATION AND VISUALIZATION

Mission planning, mission rehearsal and pilot training on high-fidelity subsea models.



Fully interactive manipulators and tools.

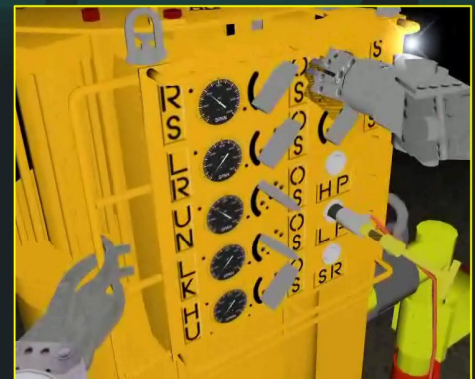
Torque tools,
vacuum/zip pumps,
hard/soft line cable cutters,
gaskets, retrieval tools,
hot stabs and custom designs.



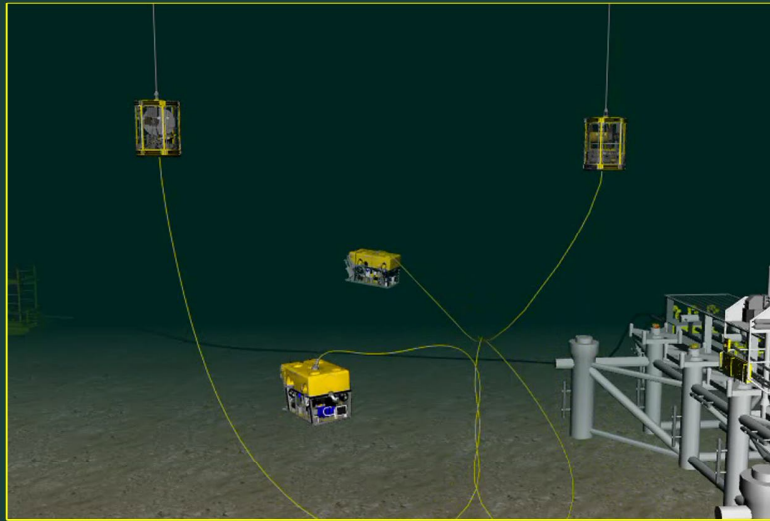
Fully interactive surface vessels and subsea structures.

Manifolds, running tools, trees,
BOPs, LARS, etc.

Dynamic hydraulic processes,
fully functional ROV panels,
dynamic analog and digital
subsea equipment displays.



**Multiple customized tethers, lines
and complex rigging.
Realistic cable dynamics,
featuring high-fidelity interaction,
with all scenario features.**



Instructor control of environmental conditions.

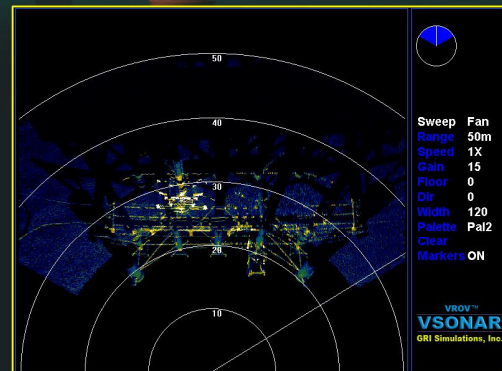
Sea state, visibility, current vector and velocity.

**Full array of ROV/TMS sub system
faults and alarms.**

Scripted or real-time insertion.

Sonar

**VROV creates simulated sonar
data that can be processed,
controlled and displayed by
the VSONAR module or OEM
topside such as FLS or SLS.**





VROV desktop simulator.

Import real world bathymetry and create visual models for procedure development and real-time visualization mode

Integration with OEM or replica ROV control consoles and sensor systems



The Marine Institute of Memorial University
ROV pilot training program.



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