

# Freedom ROV

## Increase the efficiency of your subsea operations

The Freedom next-generation resident ROV builds on the success of the award-winning E-ROV resident ROV concept, combining our experience, remote piloting, and mission support capabilities to deliver increased efficiency and flexibility.



### FEATURES

**Capable of completing lengthy, maintenance free deployments**

**Can be remotely piloted or set to complete autonomous missions**

**Modular design meets varied operational needs**

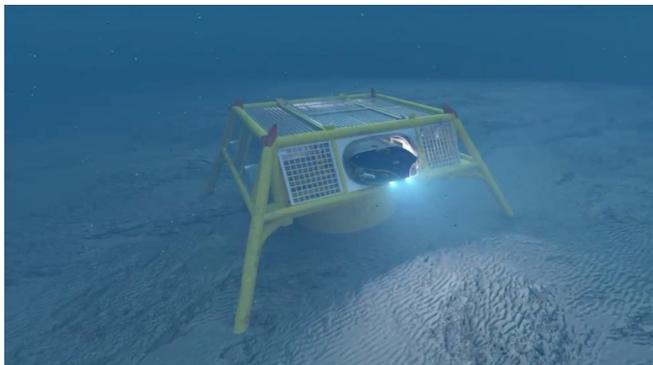
## Freedom ROV

Freedom provides a new level of flexibility and efficiency while performing common ROV tasks, including survey, inspection, valve and torque tool operation, manipulator-related activities, and underwater inspection in lieu of drydocking (UWILD) operations.

The vehicle is supported by a docking station at seabed and has hybrid functionality that enables it to operate in two modes—remotely piloted via tether to provide real-time control or autonomous and tetherless using battery power.

### The Freedom ROV delivers advantages over traditional vehicle designs and configurations:

- » reduced vessel days required to complete operations
- » reduced carbon footprint and mobilizations
- » expedited intervention due to strategic locations subsea
- » increased work time independent of favorable weather windows
- » increased versatility with tethered or autonomous options
- » increased depth rating for access to restricted or inaccessible locations



Operations using the vehicle are supported by our remote piloting and control technology (RPACT) and Mission Support Center. The flexibility of the Freedom ROV expands its applicability beyond traditional subsea operations and into subsea mining operations or difficult-to-access locations.

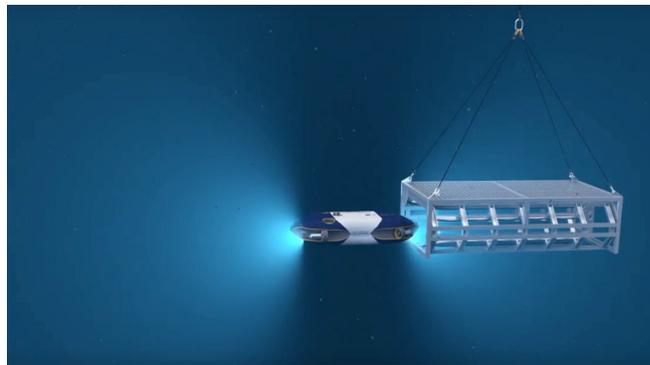
Our single-source solution enables you to streamline operations, adopt standardization across projects, and reduce both cost and risk.

## Compass

The operational flexibility of the Freedom ROV is driven by Compass supervisory control software. Whether the vehicle is operating with or without a tether, the software provides full vehicle control—autonomy, payload and sensor control, topside mission planning, and situation awareness.

The purpose-built Compass software provides key vehicle piloting improvements, including an unprecedented level of awareness in crowded subsea fields. The Freedom ROV can be programmed to make piloting decisions without the need for human pilot control, such as avoiding obstacles or responding to changing plans.

By taking advantage of the known subsea environment, Compass software enables pilots commanding the Freedom ROV to be available for other tasks, and even other operations. The combined software and vehicle configuration enables you to perform more tasks, faster and more safely than before.



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