

ROV Inspection Services

A Remotely Operated Vehicle (ROV) is an underwater platform controlled from the surface that is highly maneuverable and able to provide video and still camera imagery along with information from various other sensors to observe, inspect and take measurements of subsea assets or other operations.

Deployment Platform

Horizon operates a fleet of electric powered ROV systems for a wide range of applications. The ROV systems can be deployed from Horizon DP vessels or alternatively from a client supplied vessel, platform or rig.

ROV Range

Our current range includes the observation class Seaeye Falcon and inspection / light class Seaeye Cougar and Seaeye Surveyor Plus vehicles with a depth range from shallow water to 1,500 m.

Construction support

Horizon provide ROV for construction observation including touchdown monitoring during pipe or cable lay operations. Touchdown monitoring can be carried out from the lay-vessel or from a second vessel with video link to the lay-vessel.

Drill rig support

A wide range of services can be provided for drill rig support, from observation services to light debris removal. Horizon's containerized ROV systems with a variety of launch and recovery techniques available gives our client's flexibility in ROV deployment location.



Asset Integrity Surveys

Whether for as-laid, as-built or annual inspection, Horizon's professional team and well maintained equipment can take on the most extensive asset integrity survey project. The inspection class ROV can be fitted with a wide range of measurement systems to meet the client's requirements, including dual head scanning sonar, pipetracker, bathymetric sensors, altimeter, ROV mounted multibeam echo sounder systems, boom cameras, cathodic protection measurement equipment, flooded member detection systems and more. Our experienced processing and reporting team produce reports and electronic deliverables tailored to the client's requirements. The final deliverable can include 3D CAD systems displaying the inspection results for platform inspections or GIS packages to suit the end user's digital system.

Horizon typically provides ROVs for the following tasks:

- Pipeline inspection surveys (as-laid, as-built and annual surveys)
- Construction support (including touch down monitoring)
- Drill rig support
- Platform inspections
- Hazard/ debris clearance surveys
- Salvage assistance
- Diver observation
- Environmental surveys

