Gavia Offshore Surveyor
AUV

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A Sea of Solutions

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Gavia Offshore Surveyor

AUVs

World Leader in Low-Logistics AUVs

- Fully modular design
- Wide variety of payload options
- 1,000m depth rating
- Widely used in O&G applications with numerous service providers

Low-Logistics High Performance AUVs

Approved for public release: FAL-16-003
Enhanced Productivity: Blueview MB 2250

- High resolution bathymetry (2250 kHz)
- Low power and compact
- Side Scan Sonar nadir gap fill improves operational efficiency
- Downward looking, ideal for tying into pipe tracking and co registering with camera

Ideal for a variety of applications including:
- Pipeline inspections and Site survey
- MCM
- Search and Salvage
- Bottom imaging

Approved for public release: FAL-16-003
Operational Excellence Case Study: UTEC Survey AUV Operations for Quadrant Energy Australia Limited

- From June 12, 2014 to July 27, 2014, UTEC Survey performed pipeline inspection and platform site surveys for Quadrant Energy Australia Limited (Quadrant) off the northwest coast of Western Australia.

Survey Areas
- Near shore operations, which allowed the AUV to work in as shallow as 2m water depth, totaling 571km of pipeline with 1 pass each side (1,142km of AUV track-line).
- A 500m x 500m site survey was completed around 20 platform.

Images and text courtesy of UTEC Survey
Case Study: UTEC Survey AUV Operations for Quadrant Energy Australia Limited

• Survey duration was 27 days during the winter; including mobilization and demobilization,
• Experienced less than 2% operational AUV downtime and only experienced 18% downtime due to the winter weather associated with Launch and Recovery.
• On a pipeline per kilometer basis, AUV surveys may be less than 50% the cost of a ROV survey.

Images and text courtesy of UTEC Survey

Approved for public release: FAL-16-003
AUVs Provide Better Data Quality

Images and text courtesy of Java Offshore

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Slocum G2 Glider

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World Leader in Long-Endurance Glider AUVs

- Over 570 delivered
- Over 40 demonstrated payloads
- 300 - 1,000m depth rating
- Endurance over one year
- Hybrid option provides thruster for demanding environments
- Currently in use with Oil and Gas Service Providers

Fleet leading long endurance AUV
What do you need to detect? The solution you require may already be available. If not, we are experts at new sensor integrations.
What can you do with a Slocum Glider?

- Plume Tracking to meet Environmental Regulations
- Loop Current Monitoring
- Ocean Observation, Environmental Monitoring, and Data Harvesting from Subsea Nodes
- Marine Mammal Mitigation
... or a Tran-Oceanic Crossing