

Marine Construction Surveys

Services for 24-hour call-out and project-oriented customers



Marine Construction Surveys Capabilities



Our 24-hour call-out service offers quick response to rig positioning requirements of jack-up, semi-submersible, and dynamically positioned drilling rigs.

In conjunction with vessel positioning services, we support scanning sonar operations for both lift boats and dive vessels. These high-precision surveys determine the location of manmade and naturally occurring seafloor anomalies and aiding in their recovery or preservation by avoidance.

Through the water column and on the seafloor, we also support the positioning of remotely operated vehicles (ROVs) using industry-recognized and accepted acoustic ultra short baseline (USBL) techniques.

We use the inertial navigation system (INS) and long baseline (LBL) acoustic system to support a wide variety of deepwater seafloor positioning requirements. Both systems have a proven track record supporting:

- » Metrology for jumper spool pieces
- » Positioning of manifolds
- » Positioning and orientation of suction piles
- » Positioning of pipeline end terminations (PLETs)
- » Determination of cut length of deepwater pipelines during installation
- » Positioning of ROV(s) during intervention tasks

Database Services

- » Permitting plats
- » Extensive offshore database information
- » As-built construction drawings

Offshore Services

- » Rig positioning
- » Installation surveys
- » Acoustic metrology
- » Satellite-differential GPS services
- » Surface positioning with real-time QA/QC
- » Acoustic positioning
- » ROV positioning
- » Offshore pipeline burial and inspection
- » Site-specific surveys
- » Deepwater precision bathymetry
- » Pipeline location / depth of cover
- » Remote and underwater orientation
- » Remote tug positioning
- » Salvage survey support

■ For more information: oceaneering.com/survey

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