

**DIMMS**  
GROUP

*To go where nobody wants to go.*



**DIMMS**

*Enjoy your building.*

# Why **DIMMS** Group

- 1** Environmental protection through the use of technology
- 2** Modular polyvalent and adaptable solutions for any needs
- 3** Socially responsible: we promote the well-being of territory where we work
- 4** Certified quality
- 5** R&D investing because innovation build our future
- 6** Constant business growth

# About us

DIMMS Control history started in 1992 as a specialized supplier company of geotechnical monitoring and testing services.

First company's years were marked by striving for continuous improvement, spreading ever more the range of surveying and testing services offered, to serve the construction and infrastructural industries. Excellence in the proposed services along with the high productivity ensured, contributed to the rapid growth of the company, also attested by DIMMS commitments in the main national and abroad work projects.

Market demand and corporate strategies progressively lead to the implementation of new operational business units, as well as to the establishment of national and international branch offices to ensure the follow up of several work's projects.

Overtime company's growth also results in strategic corporate acquisition of ELLETIPI srl and GEOMARINE srl firms leading companies

in their work's fields, leading to the establishment of DIMMS GROUP capable of offering exploratory and testing surveys both to onshore as well as offshore environments. To date DIMMS Group is made up of leading companies internationally recognized as:

## **DIMMS Control S.p.A.**

Company specialized in geophysical, geological and geotechnical investigation surveys applied to monitoring and checking of major infrastructural projects; DIMMS Control S.p.A. also owns testing laboratory facilities for geotechnical testing (Soil & Rock Mechanics) and construction materials testing (Concrete, Steel, Cements, etc). Company operates through Italian national offices (in Avellino and Turin) and through two foreign branches.

## **Elletipi S.r.l.**

Company specialized in geotechnical and material laboratory testing (Soils and Rocks Mechanics, Construction materials, Woods, Paints, Bitumens, Metallurgy, etc), in situ testing activities, structural and monitoring checking activities. offices located in Romania and Mozambique.

## **Geomarine S.r.l.**

Company operative in the marine field capable to provide geophysical, geotechnical, environmental and positioning surveys to support the industrial installations, related to the nearshore and offshore activities especially of the Oil & Gas industry.

## **DIMMS Geophysical Mozambique Lda**

Mozambican company specialized in geological, geophysical and geotechnical exploration and testing surveys supplies for the local market and multinational companies operating in the Oil & Gas industry in the African continent.



# Major Projects Locations

Italy	Algeria	Iraq	Qatar
Switzerland	Egypt	England	Myanmar
France	Mozambique	Saudi Arabia	Venezuela
Albania	Tanzania	Oman	Russia
Croatia	Zimbabwe	Romania	United Arab Emirates
Montenegro	South Africa	Bahrain	Northern Ireland



# Quality System Certifications



*Company commitments in providing excellence in services provided, environmental awareness, health and safety of the workers, is granted by the adoption, within each company belonging to DIMMS Group, of procedures and actions in line with the expectations of stakeholders.*

*DIMMS Group has adopted its own organizational and governance model according to the Legislative Decree n.231 of 2001, with the aim of establishing a comprehensive set of guiding principles to ensure the respect of fairness and transparency requirements and to prevent offenses commission according to the Decree.*

*Attention to quality services and customer focus, environmental protection as well as health & safety compliance are then regulated by the adopted Integrated Policy Quality Management System:*

## **Quality Management System**

UNI EN ISO 9001:2008

## **Enviromental Management System**

UNI EN ISO 14001:2004

## **Safety Management System**

OHSAS 18001:2007

# Main Customers

Current and potential customers of DIMMS Group are represented by the biggest Construction and Engineering companies, private and governative, as well as the major international energy companies.



# Permits & Accreditations

DIMMS Group companies owns all the ministerial licenses issued by Italian Ministry of Infrastructure according the art.59 of the Presidential Decree n.380 of 2001 namely:

- soil and rock mechanics laboratory - art. 59, D.P.R.380/01;
- coring and drilling - art. 59, D.P.R. 380/01;
- concrete and steel laboratory - art. 20, L. 1086/71;
- geognostic survey - OS20-B art.61 c.3 D.P.R. 207/2010 - Attachment A;
- topographic survey - OS20-A art.61 c.3 D.P.R. 207/2010 - Attachment A.

Elletipi S.r.l. is a "Notified Body pursuant to the Construction Products Regulation" in accordance with the Directive 89/106/CEE, authorized to issue a certification of conformity of construction products.

DIMMS Group companies are officially registered as reliable suppliers for the main Oil & Gas and Engineering companies.





OFFSHORE

Drilling and Soil Investigation Survey

Geophysical Survey

Laboratory Testing Survey

Surface and Underwater Positioning and Metrology Services

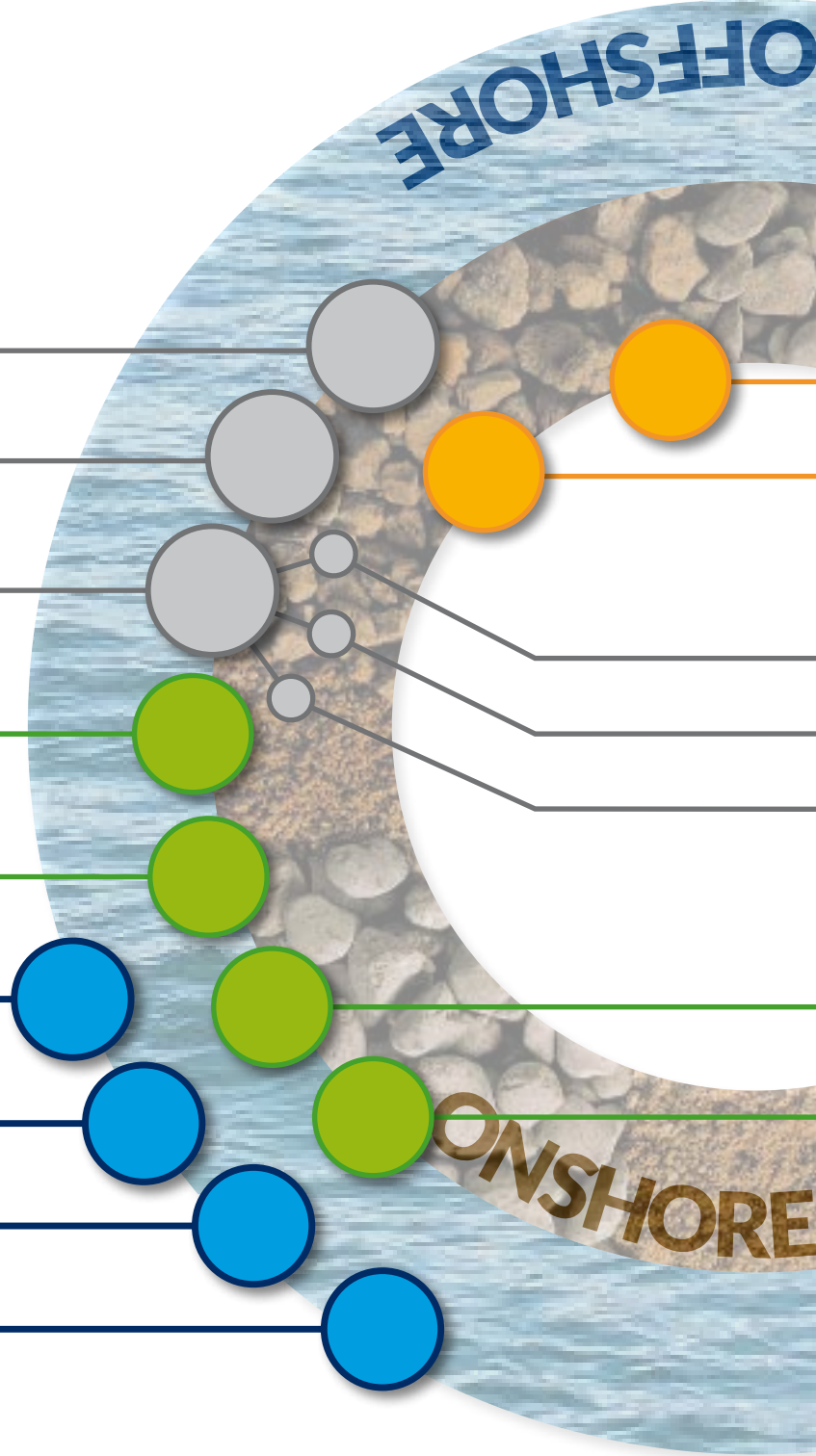
Metallurgy

Underwater Visual Inspection

Marine Geophysics

Laying Support for Pipelines and Cable

Geotechnical Marine Survey





# Business Unit and Services

Geomechanical  
Surveys

Topographic Survey  
and Laser Scanner

Geotechnical Laboratory Testing

Construction Materials Testing

CE Conformity Marking

Non Destructive  
Testing

Monitoring





# Drilling and Soil Investigation Survey

*DIMMS Control is able to support any customer or work needing the investigation of the volumes interested by a project, aim to its whole characterization, physical and mechanical, useful to fit the planning requirements. This is obtained through the employee of various techniques of investigation depending on the purposes of the survey and field conditions.*

**Onshore Drilling Survey**

**Marine Drilling Survey**

**Environmental Drilling Survey**

**Horizontal Drilling Survey**

**Concrete Piles Coring**

**Trial Pits**

**Inclinometric Survey**

**Piezometric Survey and Readings Campaign  
Pumping Tests**

**Penetration Test CPT, CPTU, SCPT, DPSH**

**Pressuremeter Test**

**Instrumentation for Borehole Geophysics**

**Environmental Sampling**



# Geophysical Survey

*A wide range of indirect and non-invasive geophysical methodologies can be used to reconstruct the subsurface model or for search buried structures. Several are the techniques employable each of which measure the variation of specific physical parameters (such as density, elasticity, magnetic susceptibility, electrical conductivity, etc) and analyzing their modification in the space.*

**Seismic Refraction (SR) Survey**

**Seismic Refraction Tomography (SRT)**

**Seismic Reflection**

**2D-3D Geoelectrical Survey**

**Electromagnetometer Survey**

**Magnetometric Survey**

**Magnetotelluric Survey (MT)**

**Gravimetric Survey**

**Ground Penetration Radar (GPR)**

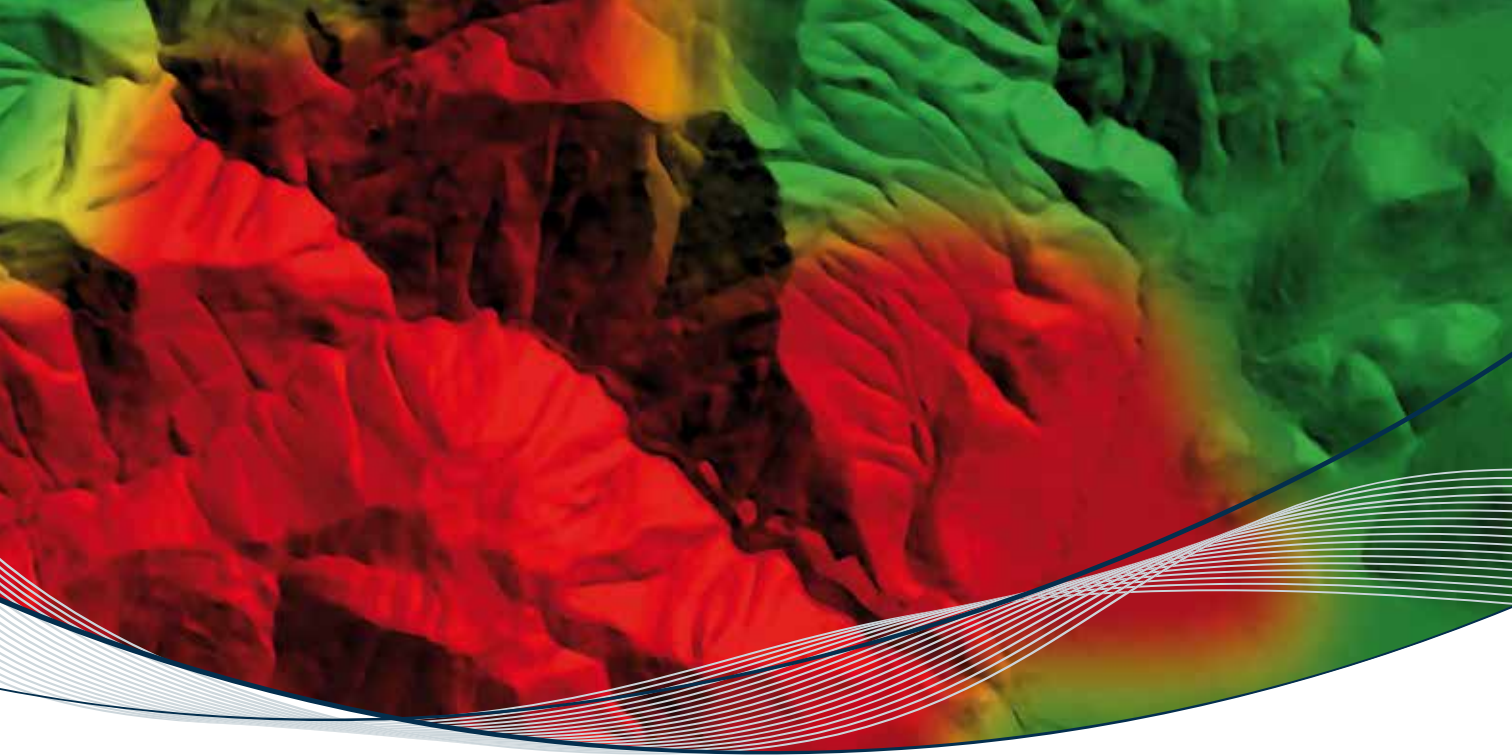
**Boreholes Logging**

**MASW-ReMI**

**Borehole Geophysics (Down Hole, Cross-Hole)**

**3D Electrical Resistivity Tomography (ERT)**





# Drilling, Soil Investigation and Geophysical Output

*Wise combination of geotechnical and geophysical data from soil investigation surveys results in generation of highly reliable ground models.*

- 2D Seismo-stratigraphic and Geotechnical Correlation**
- 3D Geological Ground Model**
- Fence Diagram Modelling**
- 3D Block Diagram**



# Laboratory Testing Survey

*DIMMS Group laboratories offer a wide range of tests both:*

## **Geotechnical Laboratory Testing**

Soil Mechanics | Rock Mechanics | Static and Dynamic Testing

## **Construction Materials Testing**

Bitumen Mixture | Binders | Materials Technology Aggregates | Concrete | Steel

## **CE Conformity Marking**

Construction Products Conformity Marking



# Metallurgy

*DIMMS Group offers the possibility of checking the status and quality of the materials used for the production of metallic products thanks to its capable, qualified and experienced technicians.*

**Destructive Test**  
**Metallographic Analysis**  
**Chemical Analysis**  
**Corrosion of Metal Materials**  
**Failure Analysis**  
**Non-Destructive Testing**  
**Qualification Welding Procedure**  
**Qualification Welders Procedure**





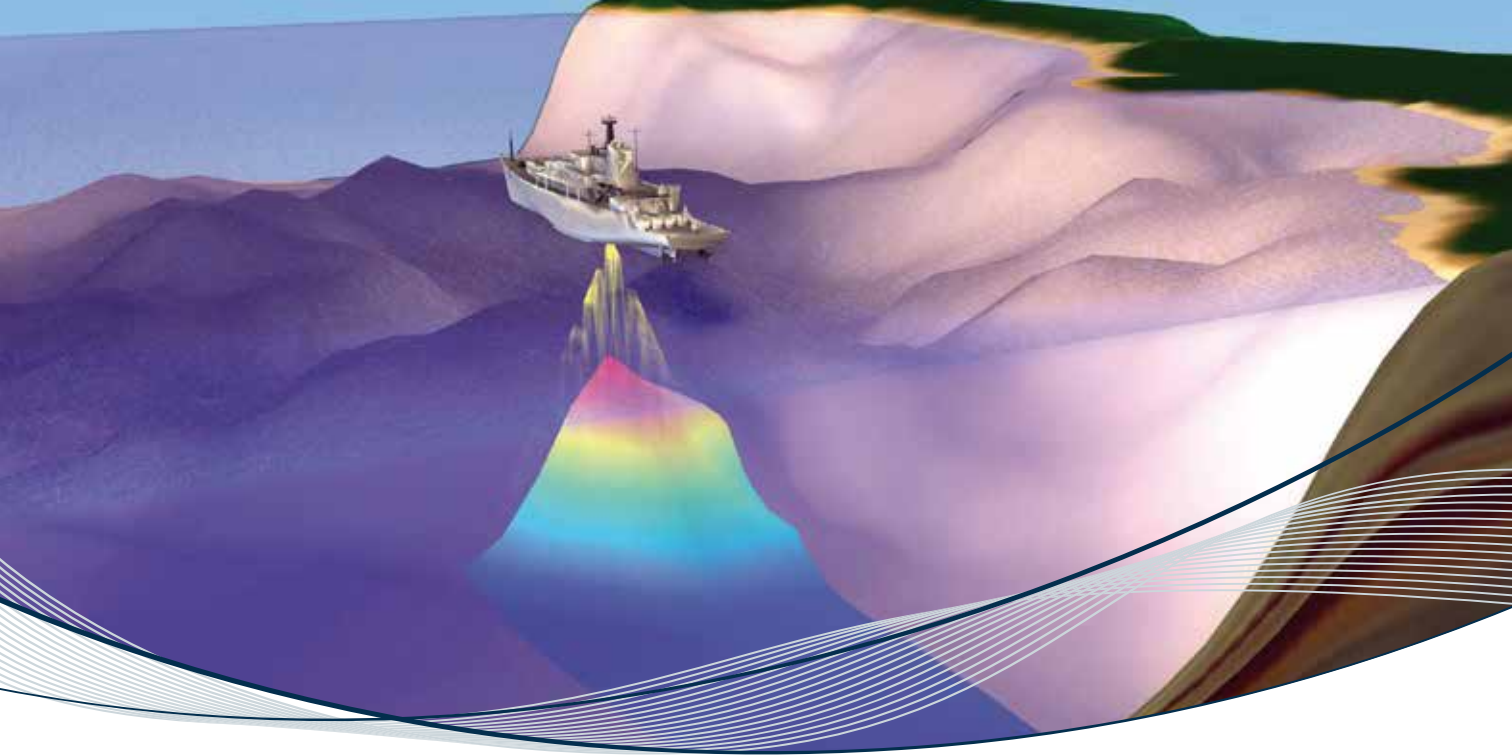
# Non-Destructive Testing

*Non-Destructive Testing (NDT) represent the ensemble of examinations, tests and surveys conducted using methods that do not alter the materials.*

**Sclerometric Determination**  
**Covermeter Survey**  
**Ultrasonic Surveys**  
**Sonreb Test**  
**Tightening Bolts Checking**  
**Tests With Flat Jack Single and Double**  
**Cross Hole**

**Mechanical Admittance**  
**Ecometric Method on Poles**  
**Load Test**  
**Pullout Tests**  
**Pulloff Tests**  
**Endoscopic Surveys**

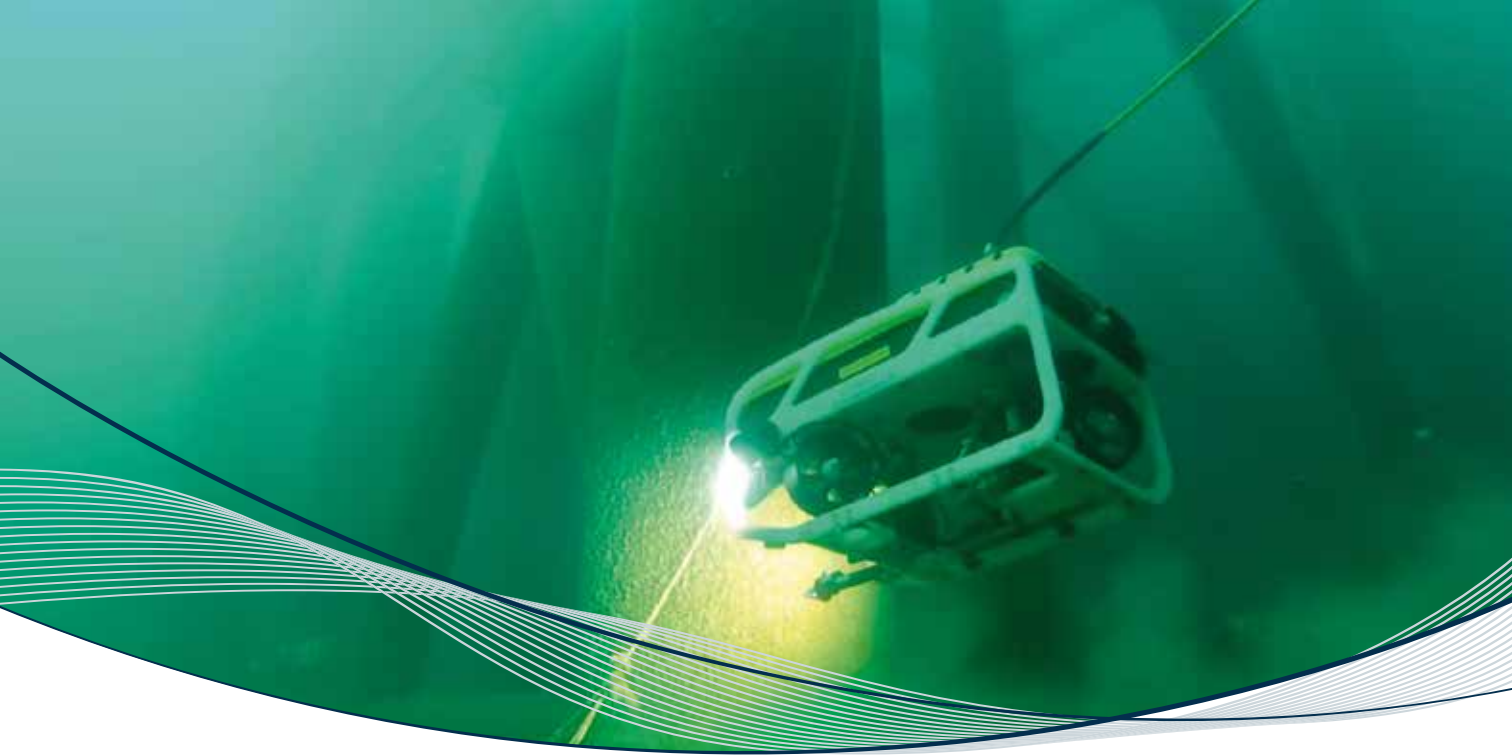




# Marine Geophysics

*Up-to-date techniques in geophysical surveys make it possible to collect more and more detailed accurate information on the characteristics of the seabed and the marine substratum. DIMMS Group has all the suitable instruments and equipment needed to carry out surveys in shallow, deep and very deep water. Sound systems allow DIMMS Group to perform the following geophysical surveys:*

**Bathymetric Surveys  
Geophysical Surveys  
Morphological Surveys  
Magnetometric Surveys  
Archaeological Surveys**



# Underwater Visual Inspection

*By means of remotely operated vehicles (ROVs) DIMMS Group carries out visual inspections of platforms and/or pipes for maintenance and target search work. In the case of buried pipes, the ROV is supported by a pipe tracker system able to locate the target through impulsive inductions which allow accurate data for any type of cable or pipe regardless of their diameter. The processing of the data acquired by the pipe tracker system is carried out using software specially developed by Geomarine in order to locate the spatial positions of the object with great accuracy.*

**Geophysical Surveys**  
**Bathymetric Surveys Deep and Ultra Deep**  
**Visual Inspection**  
**Support to Coring**  
**Uxo Survey**  
**Metrology**  
**Cable and Pipe Location and Inspection**  
**Autonomous Underwater Vehicle (AUV)**

# Surface and Underwater Positioning and Metrology Services

*DIMMS Group provides solutions for positioning services with new technologies and highly qualified staff. DIMMS Group makes use of a wide range of communication programs for its positioning services, including the following activities:*

## **Onshore**

- Maintenance of Dams and Bridges**
- Monitoring of Rivers and Lakes**
- Monitoring of Quarries in Lake**

## **Offshore**

- Vessel and Towboat Positioning**
- Underwater Acoustic Positioning USBL**
- ROV and Diver Positioning**
- Support the Launch of Pipeline and Touchdown Monitoring**
- Assistance For Boat / Barges and Tugs Management**
- Underwater Metrology LBL**
- Support to Installations**
- Anchor Pattern and Anchor Handling**

## **Inshore**

- Vessel, Pontoon and Towboat Positioning**
- Positioning During Surveys**
- Support During Coring Activities**
- Civil and Industrial Installations**
- Tripod and Rock Positioning**
- Positioning During Dredging Activities**
- Platforms and Submarine Installations**
- Support During Underwater Pipe and Cable Laying Activities**





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