

# Case Study: Cable Strategy Solutions

## 1.0 Facts

### Services

#### Cable Strategy Solutions

Through offering of extensive expertise focused completely on limiting risk profile for cable damage or failure, improving response and reducing repair time and cost.

#### Related Services

Pre-Construction Engineering, Installation Engineering, Project & QHSE Management, Tendering, Procurement & Financial Support, Offshore Construction Support, Operations & Maintenance and Client Representation.

#### Summary Scopes Completed

Cable Strategy Solutions : NorNed, BritNed, Thanet OWF, DolWin2, Dolwin3.

## 2.0 Introduction

Primo Marine provides cable strategies covering Business Continuity and Emergency Response Solutions, including prevention (maintenance), preparedness, response and repair.

## 3.0 Subject Matter Expertise

Primo Marine offers a comprehensive capability in regard to the provision of subject matter expertise, covering pro-active problem solving of events, challenges and issues (including the arranging and management of third parties). In summary:

- The conducting of complete peer reviews, including establishing and management of project risk registers. Reviews designed to incorporate all practical lessons learned from an extensive track record, as well as offshore cable industry.
- The management of multiple subsea activities including provision sum operations.
- The provision of subject matter expertise including pro-active problem solving of event, challenges and issues (including the arranging and management of third parties).
- The interfacing with all significant parties to provide technical solutions.
- Reviewing methodologies, procedure and providing confidence in the documentation.
- Licence management and supporting of licences, agreements and approvals.
- Advising with all project documentation and the management of.
- Translation of technical issues into contract and permit requirements.

## 4.0 Prevention

Primo Marine has extensive expertise to provide onshore (Engineering, Project & QHSE Management) and offshore (Construction Support, Client Representation and Operations & Maintenance) prevention solutions.

Summary solutions are:

- Depth of Burial Surveys.
- Depth of Burial Maintenance Options.
- Continued GIS & AIS Data Monitoring & Management.

## 5.0 Preparedness

Primo Marine has extensive expertise to provide onshore (Engineering, Project & QHSE Management and Tendering, Procurement & Financial Support) and offshore (Client Representation) preparedness solutions. Summary solutions are:

- Tender Evaluations in regard to Contractors.
- Procurement Management in regard to Resources.
- Project, Engineering and Offshore Procedures.
- QHSE establishing systems, teams and facilities.

## 6.0 Business Continuity & Emergency Response Systems

Primo Marine has extensive expertise to provide onshore (Engineering, Project & QHSE Management) and offshore (Client Representation) emergency response solutions covering multiple scenarios related to cable damage (including the preventing of, preparing for, responding to and repair of).

## 7.0 Response

Primo Marine has extensive expertise to provide onshore (Engineering, Project & QHSE Management) and offshore (Client Representation) response solutions designed to cover the initiation of onshore and offshore response.

## 8.0 Repair & Close-Out

Primo Marine has extensive expertise to provide onshore (Engineering, Project & QHSE Management) and offshore (Construction Support, Client Representation and Operations & Maintenance) prevention solutions. Summary solutions are:

- Conducting Emergency Repair (including fault finding, unburial, repair and reburial).
- Close-out protocols covering areas such as documentation, meetings and insurance brokers advisory services (claim management).

## 9.0 QHSE Advisory Services

Primo Marine provides complete Corporate and Project QHSE management throughout all stages from (1) **Covering System Auditor Roles** to (2) **Achieving ISO Business Continuity Management**.

## 10.0 Comprehensive Coordination

Throughout complete liaising and interfacing with all key stakeholders and authorities in regard to permitting, crossing agreements and approvals.

