

# Case Study: Your Helpdesk – Offshore Challenges

## 1.0 Facts

### Services

#### Your Helpdesk for Offshore Protection, Installation & Maintenance Challenges

Through offering of extensive expertise focused completely on comparing the costs of successful installation and protection, with the cost of defective performance and maintenance costs over the lifetime of cables.

### Related Services

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

### Summary Scopes Completed

Your HelpDesk: Gemini, NorNed, BritNed, NordLink, NordBalt.

## 2.0 Introduction

Primo Marine provides solutions focused on delivering considerable practical experience and expertise related to Offshore Protection, Installation & Maintenance Challenges.

## 3.0 Subject Matter Expertise

Primo Marine offers a comprehensive capability in regard to the provision of subject matter expertise, covering pro-active 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, procedures 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 Engineering Pre-Construction (installation preparation)

Primo Marine has extensive expertise, in-depth knowledge and experience to provide independent engineering solutions designed to ensure the reduction of risk and cost during the Installation and Maintenance Phases.

- **Seabed Preparation & Intervention.**

- Including Pre-Sweeping and/or levelling in accordance with permitting requirements.

- **Installation Engineering (including UXO desktop studies).**

- Including Installation Analysis and Review such as method statements, procedures covering risk mitigation, contingencies, cable integrity, pull-in analysis, cable rerouting and pull in forces.

- **Peer Reviews (including subject matter expertise).**

- 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. In order to ensure risk mitigation relating to installation and protection operations.

## 5.0 Project Management

Primo Marine provides management expertise, either as complete or bespoke supporting packages within CAPEX/OPEX projects including interface management over full performance, budgetary and cost control.

## 6.0 QHSE

Primo Marine provides complete Corporate and Project QHSE management expertise including the provision of QHSE Engineers and Offshore Safety Advisors to cover key risk areas such as regulatory compliance, risk and incident management and vessel assurances. In order to ensure all project operations are executed in accordance with all internal and external QHSE requirements.

## 7.0 Offshore Client Representation/Construction Support

Primo Marine has extensive offshore expertise and experience to ensure the effective planning, scheduling and thorough execution of all offshore scopes. Offering a dedicated offshore team, each with over twenty five years' experience related to offshore construction works. This expertise enables the multi-tasking and prioritisation of crucial offshore operations in order to ensure projects are safely executed to a high quality, typical scopes are:

- Liaising with Marine Warranty Surveyors.
- The Management Support & Interfacing of all installation, trenching, dredging and construction support scopes.
- The Management of multiple subsea activities including provision sum operations.
- Offshore Surveyors (including Hydrographic, Geotechnical and Geophysical disciplines).

## 8.0 Comprehensive Coordination

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



primo marine

Helpdesk for Offshore  
Installation Challenges