

# PRIMO MARINE NEWS

issue no. 01

**Dear Reader,**

Welcome to the first edition of the Primo Marine Newsletter. As experts in installation engineering for cables and pipelines we would like to update you on a regular basis about projects and other interesting topics within our company.

In this edition we have highlighted the Mass Flow Excavation (MFE) technique and our exciting involvement in the first North Sea float over installation project.

Please enjoy reading. Your comments and your input are very much appreciated. For further information please contact Susanne Kovar at [susanne.kovar@primo-marine.com](mailto:susanne.kovar@primo-marine.com).

**Your Primo Marine Team**


Rotterdam - February, 2014



## The Mass Flow Excavation (MFE) Technique

In a nutshell we would like to explain it as follows: Mass Flow Excavation (MFE) is a technique which uses a high volume flow of water moving at a low velocity to excavate non-cohesive sediments by erosion. In essence it is the opposite of (high pressure) water jetting, a relatively low volume of water moving at a high velocity.

Primo Marine has planned and managed various MFE remedial cable burial campaigns, very recently for the reburial of the BorWin 1 and alpha ventus cables, which are owned and operated by TenneT Offshore GmbH. The technique was chosen when the cable was partly buried in sand waves and conventional trenching could damage the cable.

For further information please contact Jaap Smit at [jaap.smit@primo-marine.com](mailto:jaap.smit@primo-marine.com) and/or [download our product reference sheet on MFE: ...](#)  [Download](#)



## The First North Sea Float Over Project

*Incident free operations, the goal to aim for*

Primo Marine is proud to be supporting the Dutch offshore industry player Dockwise and as such we are delighted that our colleague Alan Hankinson has a role in the first North Sea platform float-over for the SylWin I converter platform. He supports the project team at Dockwise with expertise in various areas such as Health Safety and Environment (HSE) leadership, HSE management, vessel assurance and risk management planning in order to meet client and German national requirements.

To learn more please mail to [alan.hankinson@primo-marine.com](mailto:alan.hankinson@primo-marine.com) and/or [download our product reference sheet on OSHE: ...](#)

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## Lecture at WINDFORCE Baltic Sea

Primo Marine was invited by the organization of the WINDFORCE Baltic Sea conference to give a lecture. The conference will take place in Gdansk/Poland from February 5 to 6, 2014. Wino Snip – one of Primo Marine's Managing Partners – will talk about the 'Challenges and Lessons Learnt in Cable Route Engineering and Cable Trenching in the Baltic Sea' within the session 'Grid Connection in the Baltic Sea'.



## Here a Selection of Projects Executed for our Clients:

- Offshore representatives covering key disciplines will be provided for the installation of the Luchterduinen wind farm in 2014 and 2015.  
Client: Mitsubishi Corp. & Eneco
- MFE Mass Flow Excavation campaigns were executed and our work included the compilation of technical tender documents, burial analyses, cable integrity calculation, contractor selection and offshore construction management.  
Clients: TenneT Offshore GmbH and TenneT TSO BV
- To facilitate estimation and planning of maintenance dredging operations as well as assessing periodical survey results in 3D, Primo Marine created a lean and effective 3D harbour model for the commercial harbour of Moerdijk in the Netherlands.  
Client: Port of Moerdijk, The Netherlands
- Engineering consultancy for cable trenching in adverse soils and trencher development for DolWin2, including J-tube pull-in to platform and near platform cable protection.  
Client: ABB HVC
- HSE support and general advice for float-over of TenneT offshore platform.  
Client: Dockwise
- During the inter array cable survey campaign at the Butendiek wind farm offshore supervision was provided.  
Client: wpd GmbH
- A FEED study for the routing and installation of wind farm export cable was carried out.  
Client: DNV GL and LEEDCo, Inc.
- Assistance is provided during the permitting process and the offshore supervision of the NordLink cable project.  
Client: TenneT TSO BV
- Offshore construction management was provided for the repair of the export cable of the Thanet wind farm.  
Client: ABB
- Offshore survey supervision was provided of the rig move of Jack Up Barge JB-118 for the DolWin Alpha platform.  
Client: ABB



## New Colleagues:

Primo Marine is growing and we are happy to welcome 3 new colleagues.



### Marius Hoogendam

Marius joined Primo Marine in October 2013 as the new CFO. With 23 years of international experience in finance and control in various types of industry Marius Hoogendam is an experienced finance professional. Marius has broad experience in the private sector and also has six years of experience with major government projects in real estate and PPP in renewable energy. Before joining Primo Marine Marius worked for an independent service provider to the marine industry.



### Jordi Lloret

Jordi - a Geological Engineer - recently joined us in September 2013. Jordi is a MSc in Geological Engineering from the Polytechnic University of Catalonia. His final thesis, "Study of the dam break of Sant Antoni, Comparison of different models of propagation of the flood wave", was conducted in the Spanish company Endesa. With a solid background in water and soil modelling, water flood risk and computational skills, he decided to look for a new professional challenge in The Netherlands.



### Marijn van Helvert

Marijn joined our team In June 2013. Marijn is a Coastal Morphologist and as such combines civil and mechanical engineering. He has long years of experience working for the Dutch Waterboards in the Dutch water management sector. His skills and expertise are a valuable contribution for Primo Marine.



## Career Opportunities:

We are looking for an enthusiastic Quality, Security, Health and Environment (QSHE) engineer with experience and interest in the offshore cable/pipeline world. Interested to learn more about our job offer? Please apply to [alan.hankinson@primo-marine.com](mailto:alan.hankinson@primo-marine.com)

In addition we are looking for a project manager, preferably with an academic engineering degree, who has worked for an offshore contractor or offshore engineering house. If you are interested please send your CV to [jaap.smit@primo-marine.com](mailto:jaap.smit@primo-marine.com)



## Download Area

A variety of information about the support and expertise we offer can be obtained from our website. Please go to our download area:



## Short Profile of Primo Marine

Primo Marine is an independent internationally operating firm rendering expertise knowledge for (sustainable) marine infrastructural projects, such as the installation of umbilical, pipeline and cable systems. Primo Marine has the combined knowledge of Subsea Installation and Dredging, Project Management, Tendering and Offshore Construction Management. More information on our website: [www.primo-marine.com](http://www.primo-marine.com)



Primo Marine is a member of the International Marine Contractors Association (IMCA) and greatly supports the use of IMCA guidelines.

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