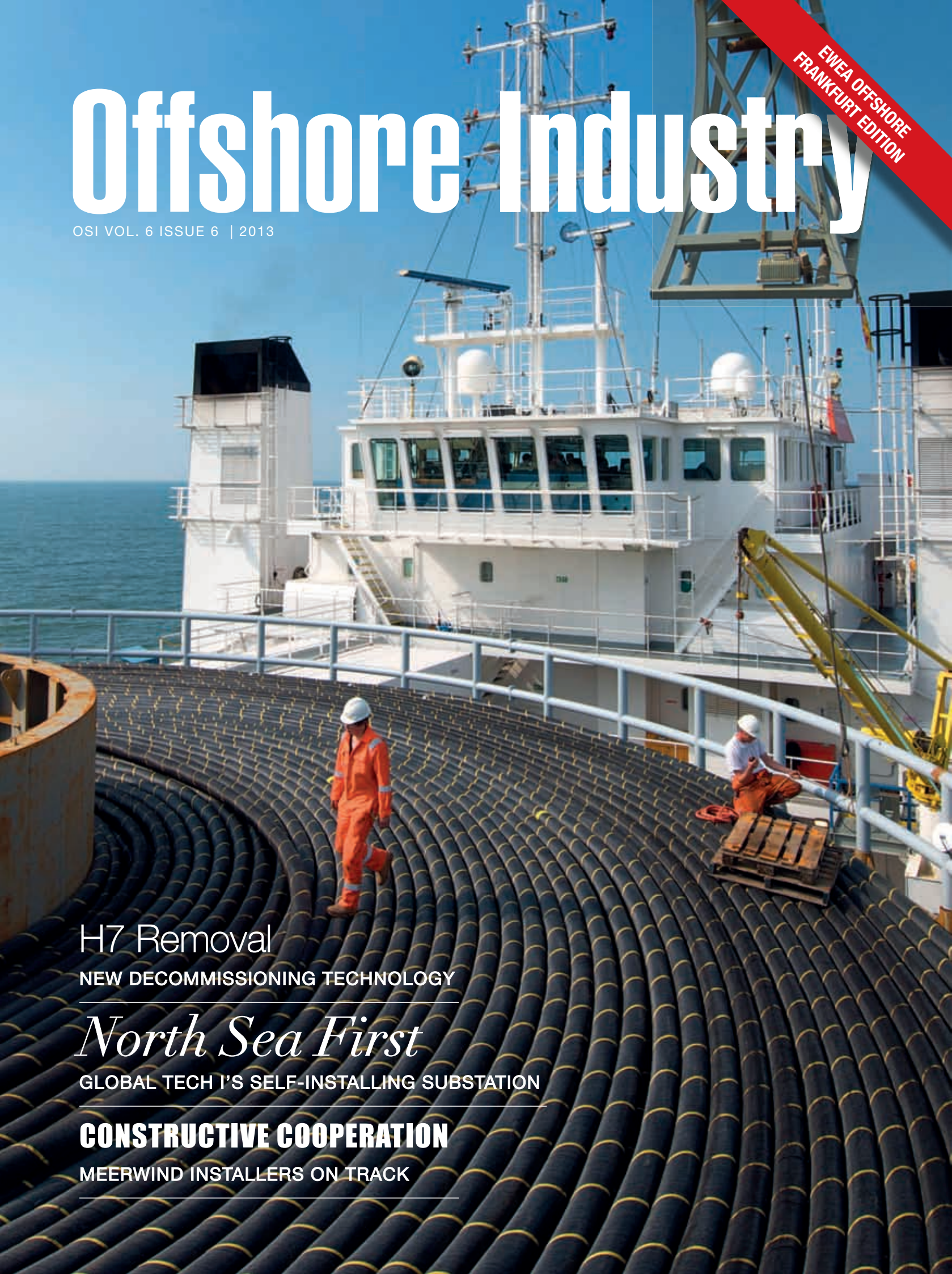


Offshore Industry

OSI VOL. 6 ISSUE 6 | 2013

EWEA OFFSHORE
FRANKFURT EDITION



H7 Removal

NEW DECOMMISSIONING TECHNOLOGY

North Sea First

GLOBAL TECH I'S SELF-INSTALLING SUBSTATION

CONSTRUCTIVE COOPERATION

MEERWIND INSTALLERS ON TRACK

Cross-Over

RENEWABLES – AN UNDENIABLE FORCE IN NORTH SEA MARINE CONTRACTING, CONSTRUCTION AND FABRICATION MARKETS. JUST LOOK AT THE LONG LIST OF COMPANIES represented at the EWEA Offshore in Frankfurt, billed as the world's largest offshore wind energy conference and exhibition. You'll see the wind supply chain is increasingly dominated by cross-over between industries within the offshore sector – notably oil & gas.

In many ways the oil & gas and wind sectors are closely interlinked, through engineering, transport, construction and installation. And at the top of the chain, plenty of operators in the North Sea, UKCS and NCS produce oil & gas as well as renewable power – Dong Energy, GDF Suez and RWE to name a few. Norway's Statoil is also moving beyond its 'oil' origins – Sheringham Shoal is Statoil's first full scale commercial offshore wind investment. Statoil's stepwise development into a renewable energy business also includes Hywind, the world's first full-scale floating wind turbine.

Worth mentioning – in October Dong Energy, a global leader in offshore wind, announced it had doubled earnings from wind power in 2013, driven by the completion of London Array and Anholt. But also in October Dong Energy's oil & gas business reached the milestone 100,000 barrels of oil equivalents production per day, on track to its target 150,000 boe per day by 2020.

Oil & gas and wind also have a lot to gain from each other. In this issue of OSI we see the burgeoning wind sector borrowing from mature oil & gas – read about Global Tech I's completed suction-pile MOAB on pg 12. But we also see oil & gas profiting from wind – one of Swire Blue Ocean's first contracts for its new build O-class wind installation vessels was a pipeline compressor platform removal for Statoil. Read the full report starting on pg 24.

It's all about finding the best technology for the job. That's why we cover both wind and oil & gas in OSI.



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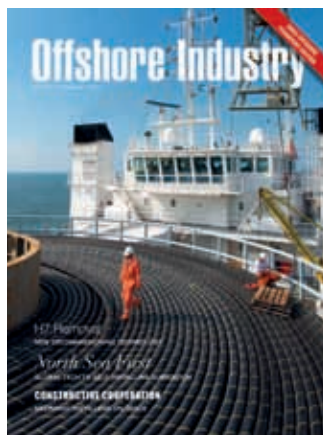
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On the Cover

The Topaz Installer, pictured before her upgrade last year, working in the German Bight for TenneT. The offshore grid operator's offshore projects include grid connections for Global Tech I (pg 12), Riffgat (pg 16) and Meerwind (pg 32). The cable layer was built by Shipyard De Hoop in 1999. (Photo courtesy of TenneT)



OSI's Charles van den Oosterkamp



Photo courtesy of BOW Terminal/Skeyes Aerial Photography

ZEELAND'S OFFSHORE FORMATION

In the last issue of OSI, we revealed plans for developing a 1,000MW wind farm off the Dutch coast in Zeeland, next to the Belgium offshore wind zone. Naturally, we're excited about the prospect of a major wind project in our backyard – we're based in the port town of Vlissingen.

One of the few open seaports in northwest Europe, Vlissingen and sister port Terneuzen are already well known in the offshore industry for yards like **Damen Shiprepair Vlissingen** and **Heerema Fabrication Group** – the latter is part of the local consortium developing the 'ZOWP' wind farm I mentioned. Another consortium member is **Zeeland Seaports** – in October I joined the port authority's CCO Dick Gilhuis at the opening of **Supermaritime's** new breakbulk terminal in Vlissingen. Zeeland Seaports is also home to ZOWP consortium member **Verbrugge** – a logistics service provider for offshore projects. The other members of the consortium are local energy utility **Delta**, **Zeeuwind**, **ZMf** and assisted by the consultancy firm **Renewable Factory**.

Zeeland Seaport's hinterland connections and proximity to North Sea wind projects have made it a major logistics hub for foundations and associated fabrication and construction works. In Vlissingen **BOW Terminal** has worked on some of Europe's largest offshore wind projects, cooperating with

installation vessels from **Seaway Heavy Lifting**, **MPI** and **GeoSea** among others. Zeeland steel and aluminium construction company **VDS Offshore Construction Terminal** has also developed expertise in wind, as well as extensive experience in oil & gas for companies including **Heerema**, **Subsea 7** and **Boskalis**.

“

Zeeland Seaport's hinterland connections and proximity to North Sea wind projects have made it a major logistics hub.

Besides wind, Zeeland is also a key port for North Sea E&P activities. In fact, Dutch E&P investor **EBN** is investigating the Dinantian Carbonate play in the comparatively under-explored southern North Sea – the so-called Zeeland Formation crossing over into the UK sector.

Zeeland Seaports' headquarters are in Terneuzen on the Western Scheldt opposite Vlissingen. Terneuzen is also

home to towage and salvage specialist **Multiship**, which operates a modern fleet with tugs, self-propelled floating sheerlegs and diving support vessels. At **EWEA Offshore** in Frankfurt, you can find out more at the Zeeland Seaports stand 30D24 – and OSI's Vincent Vinkoert will be there, too.

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