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GLOBAL OFFSHORE PROVES NEW PRE-LAY PLOUGH TECHNOLOGY ON ITS FIRST PROJECT WITH VATTENFALL

Aberdeen, Wednesday 10 June 2020. Global Offshore, a leading provider of cable installation, repair and trenching services to the offshore renewables, utilities and oil & gas markets and part of the Global Marine Group, has completed their first phase of work at Vattenfall’s Danish Kriegers Flak site utilising the new PLP240 asset for boulder clearance and pre-cut trenching.

Mobilised on the Havila Jupiter, the PLP240 began boulder clearance on the site in April following rigorous testing on a directly comparable set of seabed conditions close by. The multi-function pre-lay plough was trialled in all modes: boulder clearance, pre-cut, simultaneous clearance and cutting, multi-pass and backfill. Commissioned from and designed in collaboration with Osbit Limited, with delivery to coincide with the Danish Kriegers Flak project commencement, the plough minimises the operational risk and total time required to install subsea cables.

Overall 72 routes have been completed, totalling approximately 158 km, supported by the Global Symphony and Normand Clipper undertaking boulder picking in the densely populated boulder fields. Despite the tough conditions, the PLP240 has achieved target trench depths in the majority, going over and above the project requirements, up to 1.7m in a large portion of the site.

Mike Daniel, Managing Director of Global Offshore said, “We invested heavily in the very best upfront engineering for our PLP240 and had every confidence that the trials would evidence what we already knew to be true about the new asset. But it’s not until the tool hit the seabed, began route clearance, and was tested in each mode that its capabilities were really proven.”

Mr Daniel continued, “The seabed conditions that we’ve seen here in the Baltic Sea are likely to be some of the most extreme that we’d ever work in, so it has put the PLP240 to the ultimate stress test and we’re proud to say that it’s passed with flying colours.”

Lazaros Theodoridis, Cable Installation Package Manager at Vattenfall said “With the current climate, there have been several moving elements across the wider wind farm site over the last few months. Not only have Global Offshore and the PLP240 performed route clearance as we’d hoped in a difficult environment, they have also shown flexibility and professionalism in their operations, working alongside other ongoing site operations and contractors, and continuing to work safely throughout the Covid-19 pandemic.”

With route preparation works complete, the Global Offshore team are now focused on the next phase of the project, cable lay. This is to be completed by the latest addition to the Group fleet; the Normand Clipper, which has been recently mobilised and upgraded for power cable work. This will be followed up with cable burial utilising a combination of jetting with the Q1400 trencher, and in the areas of harder, more consolidated soil, the PLP240 in backfill mode to provide necessary cover and protection.

The Havila Jupiter and PLP240 will shortly begin work on Kincardine, where the team will complete route preparation and boulder clearance at the floating offshore wind site.

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NOTES TO THE EDITOR

About Global Marine Group

Global Marine Group (GMG) is a market leader in offshore engineering and is recognised as a high quality, independent strategic partner across multiple sectors. GMG consists of three business units; Global Marine, providing fibre optic cable solutions to the telecommunications and oil & gas markets, CWind providing topside, splash zone and subsea engineering services to the offshore renewables market, and Global Offshore delivering cable installation, repair and trenching services to the offshore renewables, utilities and oil & gas markets.

GMG is uniquely positioned to support the diverse requirements of its global customer base via its ownership of one of the world’s largest offshore support vessel fleets which includes three specialist cable installation and repair vessels, four maintenance vessels and 17 owned CTVs. The company is the longest operating marine services provider in the world with a history dating back to 1850. The Group boasts a number of industry

achievements, from installing the first subsea cable between France and the UK, being part of the consortium that invented the subsea cable universal joint, and right through to today, finding solutions to combat global carbon emissions.

Most recently, the company was recognised for its innovative approach by being awarded with EEEGR's Marine Science & Technology Award 2019 for the PLP240 design and build as well as receiving the peer nominated Offshore Renewables Award at Offshore Support Journal Awards 2020 for the design of the fuel efficient Hybrid SES.

The Group is recognised for its global presence with successful joint ventures in China and Taiwan and aspires to achieve its vision 'Engineering a clean and connected future'.

Global Marine Group is a portfolio company of J.F. Lehman & Company, a leading middle-market private equity firm focused exclusively on the aerospace, defence, maritime, government and environmental sectors.

For more information about the Global Marine Group, Global Marine, CWind and Global Offshore, please visit our websites at www.globalmarine.group, www.globalmarine.co.uk, www.cwind.global and www.globaloffshore.co.uk.