



Subsea 7

Reel lay vessel – complete electrical installation - 2018

Croonwolver&dros and Bakker Sliedrecht have obtained the order to engineer, manufacturer, install and commission the complete electrical installation of the new reel lay vessel that Royal IHC is building for Subsea 7.

The technologically advanced ship is intended for the installation of complex rigid flowlines, including pipe-in-pipe and electrical trace heating systems. This cost-effective technology will address the market trends towards longer tie-back developments.

Successful collaboration Croonwolver&dros and Bakker Sliedrecht

The integrated reel lay vessel will be the ninth vessel for Subsea 7 that will be fitted with an electrical installation of Croonwolver&dros and Bakker Sliedrecht. These nine vessels were also designed and built by Royal IHC. Croonwolver&dros will focus on the low voltage installations, Bakker Sliedrecht will focus on the high voltage installations and drive systems.

Scope of delivery:

- ✓ 3 x Main switchboard 6,6 KV
- ✓ 3 x Auxiliary switchboards 440 V
- ✓ 7 x Water-cooled electrical drive systems for Indar thrusters
- ✓ 3 x Motors for Azimuth Indar thrusters 3.200 kW
- ✓ 2 x Motors for retractable Azimuth Indar thrusters 2,400 kW
- ✓ 2 x Motors for bow Indar thrusters 2,200 kW
- ✓ Dynamic positioning design according Lloyds AAA requirements (DP3)
- ✓ Alarm, monitoring, and control systems
- ✓ Navigation and communication equipment
- ✓ Main power supply for all mission equipment
- ✓ Complete lighting installation
- ✓ Complete cable installation and connection

Delivery in 2020

Delivery of the vessel is scheduled for the first half 2020. To ensure timely delivery, the project team of Croonwolver&dros and Bakker is working on-site at the shipyard of Royal IHC in the Netherlands to ensure great collaboration between all key suppliers.



Do you have any questions?

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