Awilco Drilling’s CS60 ECO MW is a harsh environment winterised drilling semi-submersible, optimised for the Norwegian Continental Shelf and mid-water depths, outfitted with the latest generation of drilling equipment and industry leading digitalization, while minimising environmental impacts through the use of hybrid and regenerative power systems.
Awilco Drilling’s CS60 ECO MW is the first of a new generation of ultra-harsh environment semi-submersibles, specifically designed to meet the challenges of the world’s most extreme sea areas including the North Sea, Barents Sea, Canada East and the Atlantic margin to the West of the UK & Ireland. Fully winterised and capable of thruster assisted mooring in water depths up to 1,500m, the unit has been designed to reduce well construction times, improve safety, minimise costs and reduce the environmental impact of drilling operations. The rig incorporates an innovative battery based hybrid power system as well as the very latest drilling technologies all with digitalization built in. Awilco Drilling have confirmed the order of 2 x CS60 ECO MW drilling units which will be delivered from Keppel FELS in Singapore in spring of 2021 and 2022 respectively, with further bespoke options for additional 2 units (4 units in total) for delivery at 12 month intervals thereafter.

MH Wirth 3rd generation triple ram rig for energy efficiency, active heave compensation and unrestricted open hole tripping speeds exceeding 5,000 feet per hour.

Tier III low emission engines coupled with hybrid battery technology and energy regeneration giving excellent energy efficiency and reduced NOX, SOX and CO2 emissions.

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6 column design with large underwater displacement for class leading motion characteristics.

Tier III low emission engines coupled with hybrid battery technology and energy regeneration giving excellent energy efficiency and reduced NOX, SOX and CO2 emissions.

All electric deck cranes reducing mineral oil inventory and providing efficiency through energy regeneration.

Reduced maintenance and improved efficiency through industry leading condition based monitoring.

Digitalization designed into the unit – a connected data driven platform future proofed through an open platform enabled for continuous performance improvement.

The most technologically advanced semi-submersible yet built, focussed on safety, performance, efficiency and our customer’s requirements while setting new standards in sustainable environmental operations.