



## Refitting deepwater drilling rig

Can a rotating control device be installed on a deepwater rig?

Installing specialized equipment, such as a rotating control device, on deepwater rigs can be cost-prohibitive as there is still a relatively small number of MPD applications in that segment. The rocks being drilled today demand more than a better set of tools; they require a different approach to well construction.

What are deepwater Titan & deepwater Atlas rigs?

The two eighth-generation drillships we recently put to sea-- Deepwater Titan and Deepwater Atlas --were designed to deliver outstanding performance for our customers. Both operating in the U.S. Gulf of Mexico, they are the first rigs in the world equipped with a 1,700-ton hoisting system, 20,000-psi well control system, and 10,000-psi mud system.

Does deepwater FID support long-term rig demand?

There are at least 15 regions of the world with deepwater FID potential to support long-term rig demand. All have widely varying degrees of potential, risks and timelines. The Orange Basin in Namibia screens as potentially most impactful on rig demand after various discoveries in 2022-2024.

Should MPD be more available for deepwater drilling?

Making MPD more available for deepwater drilling requires a coordinated effort on multiple fronts to streamline and standardize as much of this process as possible. At stake is an immediate improvement for process safety and the ability to mitigate and eliminate many pressure-related deepwater drilling hazards.

Do Drillships have a problem?

The problem drillships have is the carry cost while idle. An offshore rig incurs warm stacking costs when idle with no revenue. While offshore rigs await production equipment delivery, they need to work or face warm stacking costs. The market has demonstrated price discipline thus far, although we may see an example or two testing it in 2025.

What is a rig survey?

A rig survey is usually performed to establish deck loads and footprints, power and other MPD requirements. Modifications are often required, which can add significantly to time and costs. In some cases, major modifications must be made to riser components, such as slip joints and tension rings.

Explore the different types of drilling rigs from the oil and gas industry and understand how each one is built for specific depths, locations, ...

Transocean has been the clear leader in this arena with the arrival of its eighth-generation drillships the Deepwater Atlas and the Deepwater ...



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Field Services: KHAN provides drill site services to provide diagnostic support, modifications and repair services to drill ships /rigs manufactured. Electrical ...

Transocean Ltd. Provides Quarterly Fleet Status Report STEINHAUSEN, Switzerland--April 16, 2025--Transocean Ltd. (NYSE: RIG) today issued a quarterly Fleet Status Report that ...

A semi-submersible drilling rig is a floating drilling rig that is capable of working in water depths ranging from shallow through to ultra-deepwater. Semi-submersibles use a ...

When looking for efficient and reliable drilling rig upgrade designs, Parker Wellbore can help you achieve your goals. Among the top drilling rig modifications and upgrade design providers, ...

On 25th June, 2015, Frigstad Deepwater Rig Alfa, a 7th-generation semisubmersible drilling rig ordered by Frigstad Deepwater Ltd, completed ...

Industry's Finest The company's unsurpassed experience allows us to meet our customers' geographic and technical needs in some of the most challenging ...

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The ultra-deepwater drillship Atlantic Zonda has departed from Seatrium's yard in Singapore and will make a scheduled stop in Cape Town, South Africa, before continuing to ...

Chinese ocean engineering equipment industry started very late but it has progressed rapidly. It has in succession built multi-type FPSO and jack-up drilling rigs, accomplished the refitting ...

On 25th June, 2015, Frigstad Deepwater Rig Alfa, a 7th-generation semisubmersible drilling rig ordered by Frigstad Deepwater Ltd, completed mating in CIMC Raffles Yantai Shipyard.

Excavator refitting drilling rig with large torque dual motors can drill soil and rock, and the DTH drilling rig can be changed to DTH drilling rig, and the DTH drilling rig can be changed to full ...

Overview Ultradeepwater drilling units are the technological forerunners and pioneers in the offshore drilling business. These units are: Extremely expensive Few in ...

The shift to MPD-ready rigs must address both the existing rig fleet and newbuilds. Perhaps the greatest challenge in refitting an existing rig is the ...

These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer ...



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Drilling Rigs Knight Group is on its way to become a significant contractor in the ultra deepwater segment. Knight Group has one of the youngest and most advanced rig fleets in the industry. ...

Marketing Staff To discuss and collaborate on the best rig features for your project or to simply learn more, please reach out to one of our marketing team members. [View Marketing Contacts](#)

Drilling rigs are essential equipment in the oil and gas industry, used for exploration, development, and production wells. They are categorized based on their ...

Types of Deepwater Drilling Rigs There are generally two kinds of mobile deepwater drilling rigs: semi-submersible drilling rigs or drill ships used for the conduction of deepwater drilling. Else, ...

I. What is Offshore Drilling? Offshore drilling is the process of extracting petroleum and natural gas from underground reservoirs located beneath the seabed, typically in oceans, seas, or ...

Fleet evolution in action The world's biggest and most diverse fleet just keeps getting better. While we achieve optimum productivity out of all our rigs, including seventh-generation models, our ...

Land rigs As mechanization made the hunt for hydrocarbons more efficient, it had a direct effect on land rig design. The first land rigs were permanent wooden structures and would be left in ...

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In this context, the increase in marketed rig utilization and dayrates is unsurprising. Given the underlying fundamentals, it is clear that the drilling ...

Deepwater drilling is the process of creating holes in the Earth's crust using a drilling rig under deep water. The purpose is to explore for and produce oil and natural gas ...

An oil drilling rig, exploration rig or oil rig is a set of equipment for drilling wells for the purpose of searching for or extracting crude oil, natural gas or groundwater from underground reservoirs.

Fleet Status Report Every quarter Transocean provides a Fleet Status Report that includes contract information, drilling status and planned out-of-service time for every rig in the ...

Discover how drilling oil rig operate, the technology behind them, and their critical role in meeting global oil and gas demands.

The combination of strong oil demand and high oil prices during the offshore drilling upcycle in the early



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2010s spurred a wave of orders for ...

Deepwater drilling involves creating holes in the Earth's crust using a drilling rig for oil extraction under the deep 500 feet (150 meters).

Largest offshore driller with 138 mobile offshore drilling units, plus an additional eight newbuild rigs Largest jackup rig driller with 65 units Largest &quot;floating&quot; rig driller with 70 drillships and ...

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