

DRILLING PLATFORM WITH DP SYSTEM

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DP ships are ships with a dynamic positioning system, originally created as drilling ships. The drilling platform was equipped with a DP system to help anchor systems and then with the transition to ever greater drilling depths, DP became the only means of keeping the vessel at point. The DP system is used here to hold and move the vessel so that the drill string has the required configuration.

The Northern and Arctic seas are an extreme environment for the operation of electrical equipment, which is used as a part of the technical means of offshore development. The effects of wind, waves, salt water and distance from the coast make the reliability and maintenance of equipment extremely important.

The electrical equipment of modern drilling and production platforms include a movement and dynamic positioning system. One of the most modern oil drilling rigs is the Stena Don platform, which provides well drilling in the North Sea. There are more and more applications of DP, there are new classes of ships for these applications. DP systems are becoming more massive and cheaper. The situation is similar with the introduction of radar on ships in the 50s of the last century: initially this equipment was installed only on unique ships, but now it is installed on all ships and is mandatory.