
ABS MPD™ AND ABS MPD-READY™ SYSTEM CLASSIFICATION & CERTIFICATION SERVICES

ABS provides analysis and inspection services of managed pressure drilling (MPD) technologies and equipment for verification of compliance with **ABS MPD** and **ABS MPD-Ready** standards, to support assessment of safer drilling operations for challenging offshore wells.

As the leading global provider of offshore classification services, ABS is deeply involved in evaluating the use of MPD technology in shallow water and floating rig applications through design verification and validation for retrofit or newbuild application on MODUs, including installation and commissioning on board or readiness to do so at a later date.

The *ABS Guide for the Classification and Certification of Managed Pressure Drilling Systems* specifies the classification and certification requirements for MPD systems, subsystems and equipment. With extensive review from many industry stakeholders, including operators, drilling contractors, original equipment manufacturers and regulatory agencies, the Guide incorporates lessons learned from implementing MPD systems on multiple rigs, helping to reduce the chance of incidents, enhance overall system reliability and promote safer drilling globally.

ABS MPD™ AND ABS MPD-READY™ NOTATIONS

ABS offers classification services to support complete MPD systems lifecycle with engineering review



during design; and surveys during construction, installation, commissioning and in-service.

The notations ABS MPD and ABS MPD-Ready, whether for permanently or temporarily installed MPD systems, are available for ABS classed drilling units that are in compliance with the standards of the ABS MPD™ Guide.

The ABS MPD™ notation provides a comprehensive approach to assessing the engineering design, manufacturing integrity, and associated integration into the drilling unit.

The notation ABS MPD-Ready™ is available where MPD operations are anticipated however operationally essential MPD equipment is not physically present. “MPD-Ready”

means that the MODU, is pre-fitted with provisions (e.g., general piping and tie-in points pre-installed) to deploy a MPD system. When an MPD system is installed on a “MPD-Ready” rig, the Record may be distinguished accordingly from “MPD-Ready” to “MPD”, where classification of this system is requested by the Owner/Operator.

These notations are also available to drilling units that may or may not be classed with the ABS’ CDS notations and sub-notations for the associated drilling systems.

CERTIFICATION

ABS also offers certification for MPD systems, subsystems and equipment upon request of the Owner/Operator. Certification includes engineering review and survey to certify that a MPD system and associated subsystem and equipment are in compliance with ABS MPD™ Guide or other recognized industry standards. The certification services are available for drilling units classed with ABS as well as for non-ABS classed units.

Benefits of ABS MPD™ and ABS MPD-Ready™ services:

- Gain the distinction that demonstrates readiness to drill safely in the difficult pressure regimes in deepwater reservoirs.
- Provide operators and regulators with an increased level of confidence in the safety and integrity of the installed MPD technology and its integration with existing systems.



For additional assistance with ABS MPD™ and ABS MPD-Ready™ classification or certification, please contact mpd@eagle.org



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