future PRODUCTION A/S

Product & Operations Bulletin

Automatic Disconnect System

Future Productions “Automatic Disconnect System”, automatically initiates the LMRP disconnect sequence when the angular deflection of the Marine Riser reaches a preset angle. The system is installed on more than ten Semi-submersible drill rigs, with over 15 years of successful operation.

Application(s) Rig-Vessel suitability

Specially designed for use in shallow water, typically below 500 meters/ 1600 feet, but can be delivered for water depths to 2000 meters/ 6500 feet.

The Trigger is installed on the LMRP Flex Element, and can be designed to be retrofitted on any LMRP. The preset trigger angle(s) is designed according to our customer’s requirements and typically ranges between 5° - 8° with 0.5° steps. The accuracy is proven below ±0.3°.

Operational & Optimisation Benefits

The Automatic Disconnect System is a hydraulic/ mechanical system, initiating the LMRP disconnection sequence in case of e.g. drift-off situation. The system is reliable and requires a limited amount of maintenance.

Our system remains totally independent of any and all as built rig specific systems, providing an alternate means of advanced safe operations and integrity for all operations.

Certification

ISO 9001:2008 Quality Management Systems - Requirements
The system can be certified acc. to:
DNV-OS-E101 Drilling Plant
ABS Guide for the Classification of Drilling Systems
Other(s) Customers requirements

Technical & Operational Data

Material	Stainless Steel or painted Carbon steel
Typical Weight	600 kg/ 1300 lbs
Painting System	NORSOK M501 System 7B or similar systems
Fluid	Water/ glycol
Working Operational Depth	Up to 2000 meters/ 6500 feet
Typical Weight	600 kg/ 1300 lbs
Typical Disconnect Angle	5° - 8°

Product & Operations Bulletin

For further information, please contact us at:

Norway:
Future Production AS
Svanedamsveien 10
4621 KRISTIANSAND
NORWAY

Phone: (+47) 38 00 20 90
Mail: sales@f-p.no
Internet: www.future-production.no

USA:
Houston

Phone: +1 832 282 7388
Mail: tr@future-production.com
Internet: www.future-production.com