

PulseStar™ Intelligent, High-Speed Telemetry Service

STREAMING DRILLING AND SUBSURFACE DATA

OVERVIEW

The PulseStar™ intelligent, high-speed telemetry service streams high-resolution, real-time drilling and subsurface data at extended depths to provide more efficient and consistent well delivery. The automated mud-pulse telemetry system is designed to consistently deliver high-speed data at extended depths for enhanced subsurface insight and higher ROP. In critical operations, the PulseStar service is designed to be compatible with other telemetry systems, and can withstand higher specifications to provide solutions that improve run length.

CONSISTENT, HIGH-SPEED TELEMETRY AT EXTENDED DEPTHS

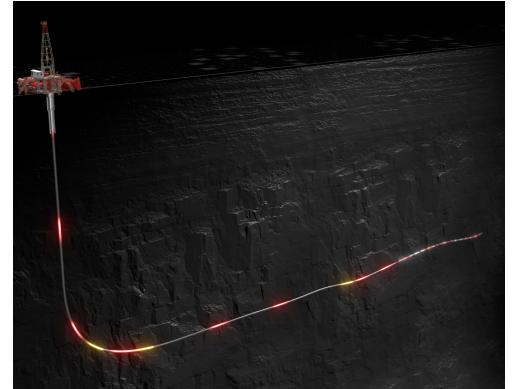
The PulseStar service provides consistent high data rates at increased depths. Its unique pulse mechanism enables high-speed transmission in deeper depths across the reservoir, where detailed characterization and drilling optimization is required.

AUTOMATED TELEMETRY SYSTEM

The PulseStar service minimizes human interaction with telemetry for remote operations and increases on-bottom drilling time. The service automatically adapts to environmental changes for optimal data rate and detection. Advanced signal processing also allows downlinks for two-way communication while drilling.

OPTIMIZED FOR CRITICAL OPERATIONS

The PulseStar service has high LCM tolerance with a wider flow envelope, providing advanced wellbore management options during unpredictable events. In critical operations, the PulseStar service's compatibility with other telemetry systems provides more solutions to increase run length.



BENEFITS

- » High-speed data streaming for rapid and accurate drilling decisions and enhanced subsurface insights
- » Consistent and reliable real-time data even in challenging environments
- » Increased on-bottom time through automated telemetry and signal processing with A.I.
- » Reduced uncertainties from unpredicted well conditions

FEATURES

- » High-speed real-time data transmission across wide depth ranges
- » Automated telemetry operations and troubleshooting system
- » Optional tandem telemetry capability
- » High LCM tolerance
- » Operational robustness with wide flow range

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

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