



# Short Hop Telemetry

## Near-Bit Measurement System



### The **ULTIMATE** in Near-Bit Drilling Information

The Arrival Oil Tools Short Hop Telemetry system provides drillers with up-to-date drilling information where it is needed most. When positioned below the drilling motor, sensors can be placed within 1 meter of the drill bit, providing vital drilling information. The system is capable of transmitting azimuthal gamma, inclination or pressure data from the drill bit using an acoustic device to a receiver assembly located within a measurement-while-drilling (MWD) system where it can be transmitted to surface using conventional methods.

The Short Hop Telemetry system can also be positioned adjacent to the MWD system to provide improved functionality to existing systems through the addition of supplementary sensors. The Short Hop Telemetry system is configured for use with the Arrival EM and Mud Pulse MWD systems. It has currently been integrated into an industry standard Mud Pulse MWD system to provide Pressure-While-Drilling functionality and can be integrated into other MWD systems subject to the development of an electromechanical interface and where it is possible to access system architecture.

#### Benefits & Features

- Provides near-bit drilling information
- Acoustic transmission method allows for use with all types of MWD system
- Insert-based design provides long wear life and minimal service is required on carrier housing
- Versatile positioning capabilities
- Long battery life and field replaceable Lithium Metal battery packs reduce costly downtime
- Configurable sensor options to meet all drilling needs



**Arrival Oil Tools Inc.**

*Innovative engineering. Downhole excellence.*

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