

NAVIGATE YOUR RESERVOIR WITH THE INDUSTRY'S MOST COMPACT BOUNDARY MAPPING TOOL

Fit-for-purpose boundary mapping tool to perform proactive geosteering in even the thinnest pay.

Navigate your reservoirs continuously in any drilling mode (rotating or sliding) and with any type of BHA.

Allow to assemble a complete MWD/LWD geosteering tool string in shop for quick field deployment.

Both standard version (150°C and 20,000 psi) and HTHP version (175°C and 25,000 psi) are available.

FEATURES AND BENEFITS

- Smart boundary mapping tool with 8 ft. sub measuring azimuthal and propagation resistivity
- Capable of mapping bed boundaries up to 10 ft apart
- Measures 4 propagation resistivities and 128 azimuthal resistivities
- All measurements are temperature and borehole compensated
- Can be run in virtually any type of wells or muds
- Modular electronics design improves shop or rig-site tool serviceability

APPLICATIONS

- Navigate reservoirs and make timely adjustments to well trajectory
- Track and maintain desired distances from reservoir boundaries
- Monitor water zones and avoid contact
- Eliminate relogging of sliding sections
- Refine the earth model with the high-definition azimuthal & propagation resistivity measurements

BoundaryTracker EXPRESS

provides deep-reading and directional measurements to give early warning of approaching bed boundaries before the target zone is exited, allowing the well to be placed in the most productive part of the reservoir.

BoundaryTracker EXPRESS

interfaces with top- or bottom-mounted pulsers thru the specially designed datalinks.

BoundaryTracker EXPRESS

is designed to be run above RSS or Mud motor and completely compatible with Tensor MWD equipment.

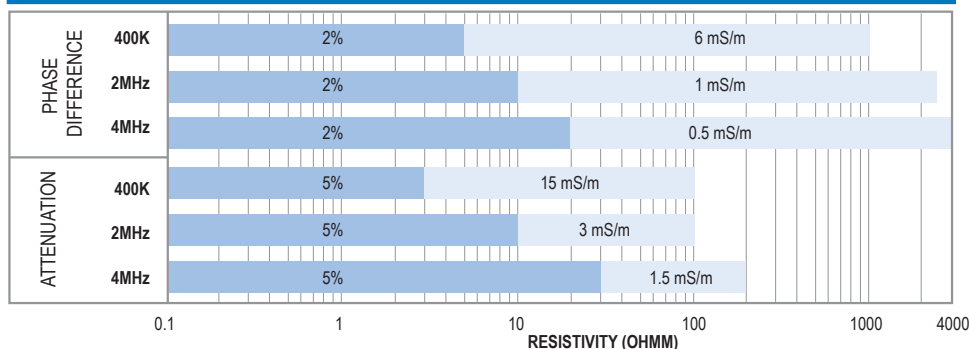
TOOL FEATURE HIGHLIGHTS

- Compatible with virtually all types of mud, making it a suitable choice to run in complex hole conditions
- Extra large memory allows days of runs
- Modular electronics design improves tool serviceability
- H2S-resistance upgrades available
- Available in 3-1/2 in., 4-3/4 in., 6-3/4 in., and 8-1/4 in. collar sizes

SPECIFICATIONS

Tool Size	3-1/2 in. (88.90mm)	4-3/4 in. (120.65mm)	6-3/4 in. (171.45mm)	8-1/4 in. (209.55mm)
Hole Size Range	4-1/4 in. to 5-1/2 in.	5-7/8 in. to 6-3/4 in.	8-3/8 in. to 10-5/8 in.	11 in. to 12-1/4 in.
Length	96 in. (2.44m)*			
Max OD / Nominal ID	3.75 in. / 3.5 in.	5.25 in. / 5 in.	7.0 in. / 6.75 in.	8-1/4 in. / 8-1/2 in.
Top/Bottom Connection	Customer Specified			
Connection Make-up Torque	2,500 lbf-ft*	10,000 lbf-ft*	30,000 lbf-ft*	46,000 lbf-ft.
Max DLS	Rotating	20°/100 ft.	15°/100 ft.	8°/100 ft.
	Sliding	40°/100 ft.	30°/100 ft.	16°/100 ft.
Max Operating Pressure	20,000 psi / 25,000 psi			
Max Operating Temperature	150°C / 175°C			
Max RPM	200			
Max WOB	20,000 lbf*	50,000 lbf*	100,000 lbf*	150,000 lbf*
Max Sand Content	<1%			
Power	External			
Max Flow Rate	150 gpm	350 gpm	750 gpm	1000 gpm

ACCURACY



* May vary