



**The Teledrift ProShot MWD** tool is a self-contained, positive pulse, measurement while drilling tool utilized for straight wellbore drilling. The tool itself is ~7 1/2 feet long, and fits inside its own 10 foot long non-mag drill collar. The MWD tool can be shipped to the rig site loaded inside the drill collar, ready to be picked up and loaded into the BHA by the rig crew or trained Teledrift representative.

## KEY BENEFITS

Designed around a new and proprietary mud pulser and a state-of-the-art sensor package, ProShot MWD provides inclination to the nearest tenth of degree and azimuth to the nearest degree.

Combined with a sophisticated, robust, and user friendly surface display, the complete ProShot MWD system is a "stand alone" MWD tool that can be used by the rig crew with minimal training.

- \* Positive mud pulse telemetry system – no wireline or other equipment to run in the hole.
- \* Inclination resolution to .1 degrees –greater hole control through increased survey accuracy.
- \* Azimuth resolution to 1 degree –available azimuth w/inclination surveys for greater well control.
- \* Latest technology digital system with integral system checks and flags - no guessing if the survey is good or not.
- \* 30-40 ppb Medium Nut Plug LCM capacity – usable in poor drilling conditions.
- \* Small surface system footprint w/touch-screen controls - can be setup in the doghouse with minimum interference.
- \* Operated by rig crew w/minimal training – robust, reliable system designed for minimum maintenance.
- \* Low daily operating cost - cost effective for the operator.

## PROSHOT MWD SPECIFICATIONS

### Available Tool Sizes

- \* 18" - 203 mm 6 5/8" REG
- \* 6 1/2" - 165 mm 4 1/2" XH
- \* 4 3/4" - 122 mm 3 1/2" IF

### Max Operating Pressure

- \* 15000 PSI
- \* 10.34 MPa

### Max. Operating Temperature

- \* 150° C
- \* 303° F

### Flow Rates

- \* 100 to 700 GPM
- \* 0.38 to 2.64 m<sup>3</sup>/min

### Max. LCM Content

- \* 30-40 ppb Med. Nut Plug

### Max. Sand Content

- \* <7% Optimal

### Power Source

- \* Lithium Battery Pack
- \* ~800 Hours

### Transmission

- \* Positive Mud Pulse

### Inclination Range

- \* 0.0° to 49.9°

### Inclination Resolution

- \* 0.1°

### Inclination Accuracy

- \* ±0.2°

### Inclination Repeatability

- \* ±0.05°

### Azimuth Range

- \* 0° to 359°

### Azimuth Resolution

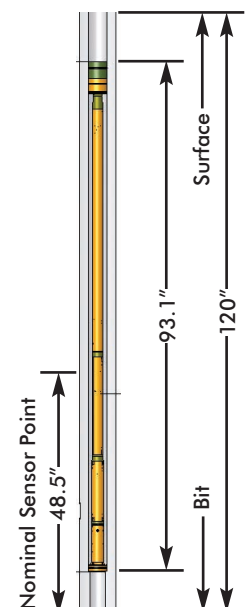
- \* 1°

### Azimuth Accuracy

- \* ±5°

### Azimuth Repeatability

- ±0.5°

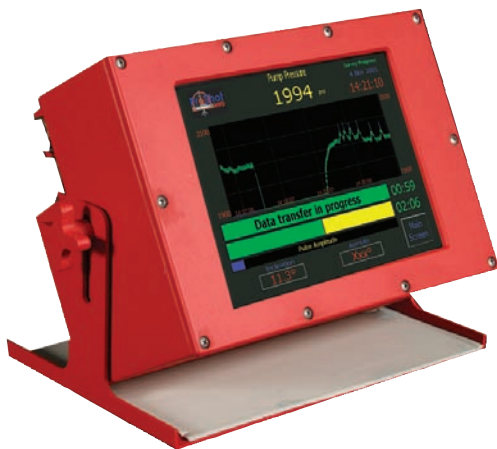
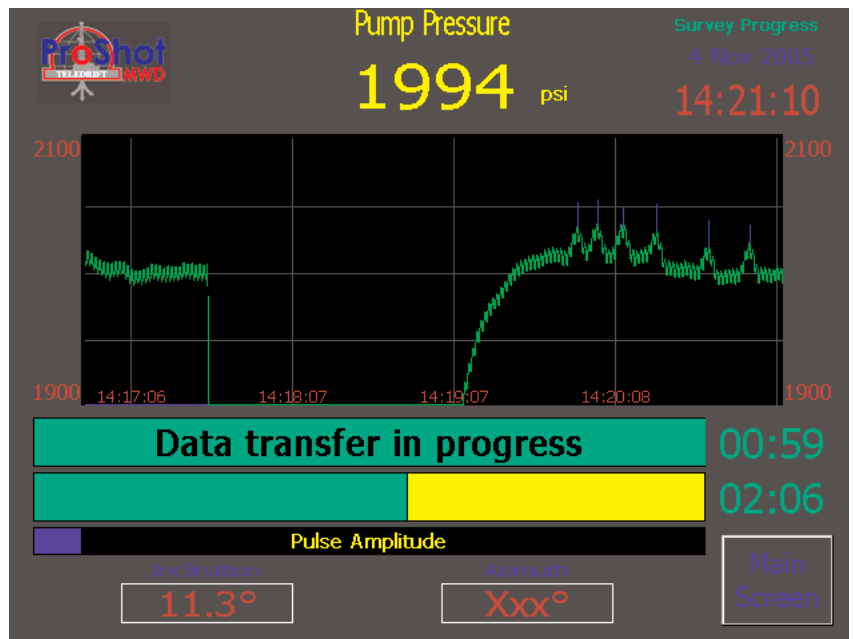


## PUMP PRESSURE

The Survey Progress Screen provides instructions and feedback to enable easy and effective monitoring of downhole activity and telemetry.

## SURVEYS

All logged surveys are visible at any time under the View/Edit Survey Screen. Manual surveys from other sources can also be entered into the system.



Accepted Surveys							
Bit Depth	Survey Depth	Time	Inclination	Azimuth			
Edit	90	90	29 Oct 21:55	11.3°	198°	Reject	↑
Edit	100	100	29 Oct 22:03	11.3°	198°	Reject	↑
Edit	110	110	29 Oct 22:12	11.3°	198°	Reject	↑
Edit	230	230	30 Oct 23:24	41.6°	355°	Reject	↑
Edit	Manual	245	2 Nov 21:29	49.9°	102°	Reject	↑
Edit	302	302	2 Nov 21:51	49.9°	102°	Reject	↓
Edit	340	340	3 Nov 10:36	49.9°	102°	Reject	↓
Edit	350	350	3 Nov 10:41	49.9°	102°	Reject	↓
Edit	480	480	3 Nov 14:32	49.9°	102°	Reject	↓
Edit	490	490	3 Nov 14:37	49.9°	102°	Reject	↓

Add Manual Survey | Rejected Surveys | Unclaimed Surveys | Done