

## ABIA Bit Sub



The At Bit Inclination Assembly (ABIA) Sub is the newest addition to Prime Horizontal's line of HDD tools. By using the ABIA bit sub, inclination at the bit can now be monitored in real-time - a first for the HDD industry.

### Benefits

- The ABIA technology is in the bit box in a sub
- Is interchangeable between any suitable mud motor
- Is placed between the drill bit and the motor
- Inclination is measured at the bit
- Monitors inclination in real-time
- Improves inclination control, accommodating tighter tolerances

Absolute inclination is transmitted from the bit-box via EM to the ParaTrack 2 probe positioned in its normal position in the non-magnetic drill collar behind the motor. Drill-string inclination is monitored in RivCross software, where inclination at the bit can be compared to inclination at the probe, greatly assisting the surveyor in conditions with mixed substrates or when tight tolerances on inclination are required.

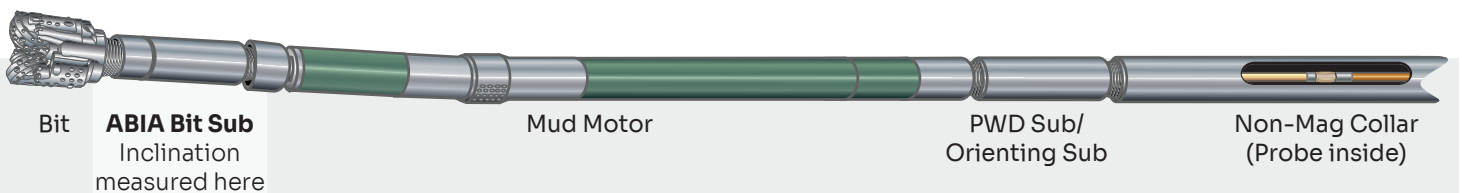
Prime Horizontal's unique bit sub design means that the ABIA can be used with any suitably sized motor. This gives the possibility of using the ABIA with customer owned motors.



ABIA Bit Sub & kit

### Specifications

- Length: 70 cm (28")
- Diameter: 20 cm (8")
- Weight (total sub + kit): 250 kg (550 lbs)
- Connection size: 6 5/8 Reg Pin x 6 5/8 Reg Box



The At Bit Inclination Assembly (ABIA) which provides real-time monitoring of at-bit inclination