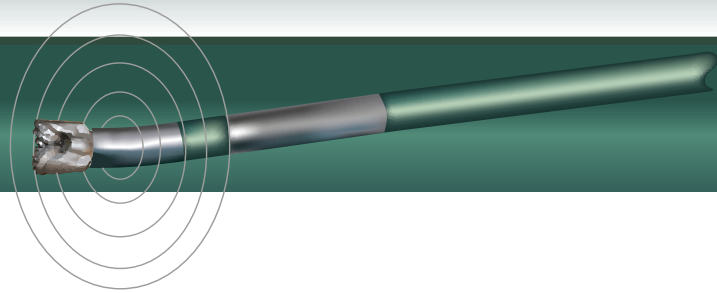




# ABIA Bit Sub

## Prime Horizontal



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.

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.

### The ABIA Advantage

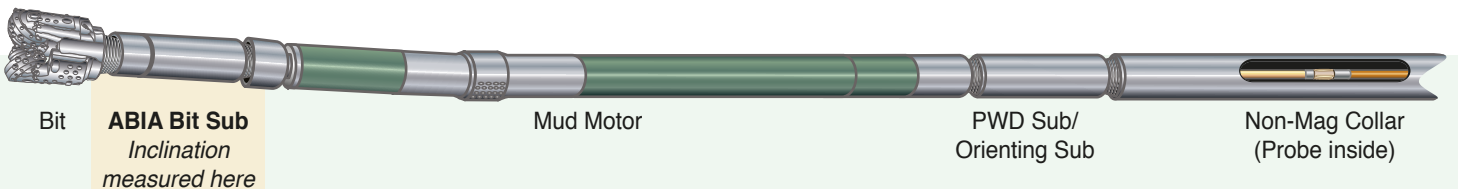
- The ABIA technology is in the bit box in a sub
- Is interchangeable between any suitable mud motor
- Is placed between the drill bit and the motor
- Inclination is measured at the bit
- Monitors inclination in real-time
- Improves inclination control, accomodating tighter tolerances



ABIA bit sub and 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

Prime Horizontal offices

[www.primehorizontal.com](http://www.primehorizontal.com)

### United States, Canada, Mexico, Brazil

Prime Horizontal Inc  
 1302 Gulf Boulevard, New Iberia, LA 70560 US  
 Ph (US): +1 337 359 9061  
 Ph (CA): +1 780 800 6614  
 Ph (BRZ): +55 71 3023 0934

### Europe, China, Middle East

Prime Horizontal Ltd  
 Salland 3  
 1948 RE Beverwijk  
 The Netherlands  
 Phone: +31 251 271 790

### Australia, Southeast Asia, India

Prime Horizontal Australia Pty Ltd  
 10 Enterprise Street, Cleveland,  
 QLD 4163, Australia  
 Ph (AUS): +61 73 821 3684  
 Ph (IND): Phone: +91 997 172 9753