

DigiTrak® F5®

SST® Guidance System



The DigiTrak® F5® SST® (Short Steering Tool) cable system is an advanced, easy-to-use HDD guidance system that delivers quick and accurate steering data. The system eliminates the need for a DC wire grid and its lengthy setup time. Due to the small size of the SST® transmitter, tight turning radii can be achieved.

The SST® system monitors the tool's compass heading (azimuth) in degrees and provides the operator with

a lateral deviation (in degrees) from the intended path for quick steering corrections.

With the F5® receiver and FSD™ remote display, the operator can view real-time position and depth data. A laptop computer also graphically displays the tool's progress in real time. It shows both a profile view of the bore and a bird's-eye view of the lateral deviation.

SST® Transmitter Specifications

Frequency.....	12 kHz
Power source.....	12V to 28V DC
Depth range.....	90 ft (27.4 m)
Operating temperature range	-4°F to 131°F (-20°C to 55°C)
Diameter	1.25 in. (3.175 cm)
Length.....	24 in. (60.96 cm)
Weight	3 lb (1.4 kg)

- Real-time measurements of:
 - Compass heading (azimuth)
 - Tool face (roll) positions
 - Inclination (pitch) in degrees
 - Temperature in Fahrenheit or Celsius
- Computed depth and lateral position
- Available as an upgrade to the DigiTrak® F5® Directional Drilling Locating System



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