

Steady Scout®

STICK-SLIP MANAGEMENT TOOL



TECHNICAL DATA SHEET

Stick-slip costs the drilling industry millions of dollars each year. From drill string fatigue to catastrophic bit damage, premature motor and MWD failures.

Steady Scout is designed to be incorporated into the BHA to improve drilling performance and extend bit life by reducing the peak RPMs experienced during stick-slip. Steady Scout reacts to changes in the internal drill string pressure to maintain a consistent weight and pressure. This increases the time with bit-on-bottom for a consistent depth of cut, leading to a smoother wellbore.

Using Steady Scout results in significant cost reduction through improved bit life, better drilling performance and reduced damage to drill string components.

TOOL APPLICATIONS

- All PDM/PDC Applications
- Vertical, curve, tangent and lateral
- Areas of stick-slip, poor tool face control, bit DBR
- Can be run with Vibe Scout System for complete downhole control

FEATURES AND BENEFITS

- Stick-slip management
- Improves bit and BHA component life
- Consistent Tool Face
- Improved drilling performance
- Constant differential pressure controlled downhole
- Can be fitted with CuBIC® smart sensors

CuBIC is a new generation compact drilling dynamics data recorder designed to be embedded into existing drilling tools at any point within the BHA. It provides shock, vibration, rotation, and temperature measurements for drilling dynamics analysis, failure identification, and condition-based monitoring.

Shown with CuBIC



Steady Scout		
Tool O.D.	6 3/4" (171 mm)	7" (177 mm)
Overall Length	40' (12 m)	32.5' (9.9 m)
Hole Size	7.875" - 8.75" (200 mm - 222 mm)	8.50" - 8.75" (216 mm - 222 mm)
Tool Inside Diameter	2.25" (57 mm)	2.25" (57 mm)
Maximum Overpull to Re-Run	84,000 lbs (374 kN)	92,000 lbs (409 kN)
Maximum Tensile Pull to Yield	720,000 lbs (3,203 kN)	735,000 (3,269 kN)
Upper Connection	4-1/2" XH Box 4-1/2" IF Box	
Lower Connection	4-1/2" XH Pin 4-1/2" IF Pin	

