

TracID™ — Drill Stem Lifecycle Management

From beginning to end, NOV's complete drill stem lifecycle management program gives you total asset control and a never-before-seen view of your drill pipe.

With TracID™, our field-proven RFID technology, we capture all asset history, enabling better informed decision making on drill stem design, inspection, repairs and maintenance, thus extending asset life and improving the safety and efficiency of your drilling operations.

Pre-Drilling Benefits



Every drill stem is unique. To improve performance and extend product life, we help you design and customize your drill stem based on application needs with features such as fatigue resistant connections, internal coating, and hardbanding.

Utilizing Tuboscope's field-proven RFID technology, we give you complete asset history to optimize drill stem design and improve inventory programs.

- Drill stem inventory control
- Complete asset history documentation
- Easy planning and master tally set up
- Optimized drill stem design
- Asset usability review

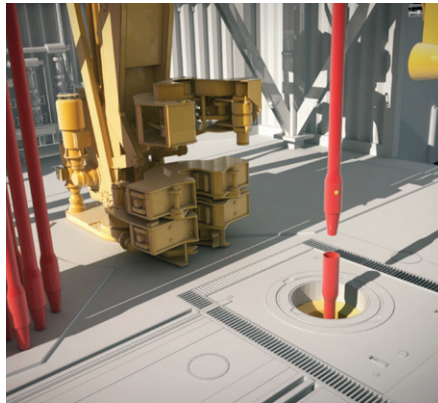
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Less than 1% failure rate

22

Managed pipe process can increase asset life by 22%

Drilling Benefits



NOV MD Totco's™ AutoTally™ utilizes RFID technology and advanced software to create a 100% accurate drillstring tally in real time. This revolutionary technology captures and stores usage data, such as position in tally, rotating hours, number of rotations, and hours in well for each tagged string component during every tally operation. The system can be integrated into many types of drilling rigs, making it a feasible option for nearly every customer.

- Drillstring inventory control
- Provides a complete history of any tagged string component
- Eliminates tally errors
- Updates tally in real-time
- Captures tally history
- 100% correct drill bit depth
- Increases safety by removing personnel from numbering pipe in the pipe rack
- Eliminates the need to strap pipe with the importation of data from TruData

To learn more visit nov.com/mdtotco

Post-Drilling Benefits



We provide all-inclusive support for the life of your pipe.

TruData™ provides a complete record of asset history and condition for the entirety of the product's life.

Condition-based inspection, repairs and trend analysis reduce costs and extend the life your investment.

Our best practices and engineered solutions protect your assets and increase performance for your next well.

- Accurate drill stem documentation
- Asset history documentation
- Inspection advisory
- Enables condition based inspection and repairs
- Experience base for optimizing drill stem design

30

30% reduction in NPT

10

Tag service life is greater than 10 years

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