

# TracID Drill String Lifecycle Management



## Eliminate the guesswork around how to best use assets and accurately identify, locate, evaluate and manage your assets globally.

Drill pipe owners spend millions of dollars each year on the purchase of new pipe and unnecessary maintenance due to inadequate fleet management programs, unknown asset condition and downhole failures.

In today's environment we are all looking at ways to improve efficiencies and reduce costs, making a proper asset management program critical.

NOV TracID Lifecycle Management brings together offerings from **Grant Prideco**, **Tuboscope** and **M/D Totco** to deliver a complete asset management solution for unmatched accuracy and efficiency when tracking your assets downhole and around the world.

Utilizing field-proven RFID technology and proprietary software solutions, TracID captures detailed asset history from manufacture to end of useful life, making it available when you need it.

TracTags are installed during manufacturing or retrofitted into existing Grant Prideco™ premium drill pipe. All asset information tied/synced to the tag is then accessible for the remaining life of the pipe via TracID's software solutions.

### TracTag™ RFID Technology Benefits

- Provides unique, scannable ID
- Withstands up to 400°F (202°C)
- Pressure rated to 22,500 PSI (1550 Bar)
- Service life greater than 10 years
- Ex Certification: Zone 1
- No impact on tool joint integrity

In addition to TracTags, we offer a variety of durable tags and plates for different types of equipment.



### **Tuboscope Inspection, Coating, Repair and Maintenance**

Our package of integrated products and services extends the working life of your drill string and improves drilling performance. With over 200 locations worldwide, we can serve you in a facility, in the field or in a pipe yard, when and where you need us.

- Inspection
- TK™ Corrosion Control
- TCS™ Hardbanding
- Machining
- TruData Inspection & Reporting

### **Tuboscope TruData™ Inspection & Reporting Database**

With TruData™ inspection and reporting, customers can effectively monitor the status of their fleet to identify problems, prevent improper care and handling, and ensure proper fit-for-purpose application of drill stem components. The TruData™ database offer comprehensive reporting and data management, as well as built-in connectivity with our TracTag™ RFID technology to provide:

- Full Documentation & Traceability
- Asset History
- Detailed Summary reports
- Condition Monitoring
- Remaining Life Analysis

### **Grant Prideco Premium Drill Pipe**

Our Delta rotary-shouldered connection delivers the performance of the industry-leading XT™ connection with wider field tolerances and reduced repair frequency. The connection is easier to run, more robust, and more forgiving to improve total cost of ownership.

### **Max Track™ Cloud-Based Asset Tracking Integration**

NOV's Max™ Track™ cloud-based asset tracking brings asset identification, location, evaluation, and management into a single, comprehensive platform accessible from anywhere. The Max Track™ system automatically imports data from the TruData™ database and third-party inspection reporting systems for any assets using TracTag™ RFID technology. A simple search or scan retrieves individual asset records with last known location and status, manufacturing specifications, location, service history, and other information.

### **M/D Totco AutoTally, automated, real-time pipe tally system**

More than just a tally, the AutoTally real-time pipe tally system provides usage data to improve pipe management for both owners and operators. With an RFID antenna installed under the rotary table, each tagged asset is recorded as it enters and exits the well, automatically displaying usage and tally history in Max Track. Easily set usage thresholds in Max Track and receive visual threshold notifications on a rig-site display to evaluate assets before using them downhole and identify assets to shuffle into use after each trip.

### **TracID – Confidence...Clarity...Cost Savings**