

## WIReD

### Wireline inline release device

#### APPLICATIONS

- All well types and sour conditions
- Wireline tractors
- Wireline intervention
- Perforating operations
- Production logging
- High-temperature conditions
- Multiple release points in a single toolstring

#### BENEFITS

- Robust and reliable release system to help mitigate risk in the most challenging environments
- High strength enabling maximum system pulling capacity
- Release system redundancy for increased release assurance
- Reduced lost in hole exposure by providing internal and external fishing necks on release

#### FEATURES

- Surface-triggered release with release confirmation
- Battery-powered timer release for compatibility with non-through-wired tools and for activation if communication is lost
- Real-time updatable timer release through the acquisition software during downhole operations
- High strength
- Multiple release devices in one toolstring, at various locations
- Standard fishing profile once released for efficient fishing
- Full combinability with tractor conveyance and wireline tools, including
  - Schlumberger production logging tools
  - Perforating gun systems
  - Powered intervention services
- Qualified for explosives operations

The WIReD\* wireline inline release device is a robust and integrated release device tool that resets the conventional weakpoint approach by enabling reliable release on demand.

Combinable with standard logging services, wireline tractors such as the TuffTRAC\* cased hole services and TuffTRAC iX\* extreme-performance wireline tractor, and intervention services such as the ReSOLVE\* instrumented wireline intervention and ReSOLVE iX\* extreme-performance instrumented wireline intervention service, the WIReD release device can be located at multiple positions in a toolstring to provide contingency solutions in case of a release. Release redundancy is achieved by a surface release capability, backed up with a battery-powered release option that is updatable to 240 hours—both enabled in the same run.

The surface release employs a new communication scheme that does not interfere with any other tool acquisition, nor is there any risk that other tools can affect the release circuitry.

The WIReD device has the CE marking for meeting the requirements of applicable directives.

#### Specifications

WIReD Wireline Inline Release Device		
Outer Diameter	3 1/8 in	2 1/8 in
Temperature rating	350 degF [177 degC]	
Pressure rating	20,000 psi [138 MPa]	
Borehole size—min.	3.2 in [8.1 cm]	2.2 in [5.6 cm]
Borehole size—max.	No limit	
Length <sup>†</sup>	4 ft [1.2 m]	3.7 ft [1.13 m]
Weight	72 lbm [32.66 kg]	27 lbm [12.25 kg]
Tension	50,000 lbf [222,411 N]	25,000 lbf [111,206 N]
Compression	50,000 lbf [222,411 N]	20,000 lbf [88,964 N]
Release trigger	Surface-triggered command or Downhole battery-powered timer <sup>‡</sup>	
Special applications	Optional NACE MR0175 compliant for H <sub>2</sub> S and CO <sub>2</sub> resistance API RP 67 compliant for explosives operations	NACE MR0175 compliant for H <sub>2</sub> S and CO <sub>2</sub> resistance API RP 67 compliant for explosives operations

<sup>†</sup> Configuration dependent.

<sup>‡</sup> Set at surface and real-time updatable as necessary, up to 240 hours.



*The WIReD wireline inline release device is rated for high tension, which enables conveyance systems to perform to their maximum pulling capacity.*