

WIReD

High-strength, modular wireline inline release device

APPLICATIONS

- All well types
- Wireline tractors
- Wireline intervention
- Perforating operations
- 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 release with release confirmation
- Battery-powered release for compatibility with non-through-wired tools and for activation if communication is lost
- 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

The 3½-in 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, and intervention services, 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—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
Temperature rating	350 degF [175 degC]
Pressure rating	20,000 psi [138 MPa]
Borehole size—min.	3.2 in [8.1 cm]
Borehole size—max.	No limit
Outside diameter	3½ in [79.38 mm]
Length [†]	4 ft [1.2 m]
Weight	72 lbm [32.66 kg]
Tension	50,000 lbf [113 kN]
Compression	50,000 lbf [90 kN]
Special applications	Optional H ₂ S service

[†] Configuration dependent.



The WIReD wireline inline release device is rated to 50,000-lbf tension, which enables conveyance systems to perform to their maximum pulling capacity.