

# Conductor Removal Services

Delivering cost-effective, efficient,  
and safe conductor removal



**Weatherford**<sup>®</sup>



## Comprehensive Conductor Removal Technologies

### **Rig-Free® Light-Duty Pulling and Jacking Unit**

The light-duty pulling and jacking unit (P&JU) is no lightweight. Suited for handling conductors up to 36 in. with ease, this unit pulls 30,000 lb (13,607 kg) and jacks 1,000,000 lb (453,592 kg). With its small footprint, light weight, and modular design, the P&JU is easy to transport and suited for platforms with space and structural limits, and downgraded, damaged, or nonexistent derricks. The P&JU has a hydraulically powered telescoping mast that sits directly above the well center, as well as an integrated jacking system and power swivel that requires minimal rig-up time. Equipped with a self-clamping system, the P&JU can skid from well to well in only 1 hour.

### **Boring, Pinning, Sawing, and Lifting System**

Using an efficient process, our boring, pinning, sawing, and lifting system removes subsea multistring casing safely and quickly. After the initial internal or external casing cut, the system bores holes through the nested strings, which enables us to install pins through the holes and provides a lifting apparatus that binds and secures the nested strings together. The block or casing jacks lift the secured strings without any slippage. Based on limitations in length, weight, and the ability to pull and lay down each piece safely, we cut a predetermined length for each section. The boring, pinning, sawing, and lifting operation repeats for each section until the entire string has been removed.

### **Conductor Cleaning System**

We provide high-performance cleaning of exterior casing with our powerful, 3 rotary high-pressure cleaning system, which eliminates marine growth to ensure safe handling.

### **External Reciprocating Saw**

This robust saw cuts 2- to 32-in. conductor pipe and makes sectioning of almost any material or grade possible. With fully automated clamping, cutting feed, and cutting speed, the saw enables you to remotely maintain a high degree of cutting consistency and control. All moving parts have guards for enhanced safety. Subsea options are available.

**As a premium service provider, we do each conductor removal job once and we do it right. This minimizes your overall costs—so you can shift your resources to more profitable opportunities.**

Whether you need slot recovery or well abandonment, we deliver single-source conductor removal services for any asset, including multi-wells, single-jack platforms, or mono-wells. We provide reliable technologies that handle all phases of your operation and the most up-to-date equipment that handles the heaviest loads. For maximum safety and efficiency, we have established standardized processes based on our successful track record around the world, and we deploy highly experienced and continuously trained personnel. Our goal is safe and permanent abandonment.

Cheap conductor removal may not be worth the price. Older, less capable equipment may not be able to handle your needs and could result in higher long-term costs. If something catastrophic happens during your operation, such as a hazardous leak or the failure of lifting equipment, that means more nonproductive time and remediation costs dedicated to a well past its useful life.

## **Weatherford Conductor Removal Technologies**

- Rig-Free® units
- M-series internal cutting tools
- External cutting tools
- Boring and pinning systems
- Conductor cleaning system
- Conductor whipstocks
- Casing jacks
- Slot recovery



**Completed the removal of 17  
multi- and single-string conductors**

# 28 days early

Weatherford cut and pulled 5.6 miles (9 km) of conductor weighing 2,100 tons (1,800 metric tons) from 653 ft (199 m) below the seabed to the surface. To address concerns about the structural stability of the aging platform and the poor cementing job in the inner string, Weatherford custom-built special lift equipment that was able to handle the heavy load. At the surface, the team cleaned, bored, pinned, and lay down the conductor in 241 12-meter sections. The project was completed within 26,000 work hours over just 62 days—28 days ahead of schedule—without any accidents or environmental incidents.

**Location:** Offshore Japan



**Recovered 1,128 ft of  
multistring conductor in just**

**12.5 hours**

Weatherford deployed pulling, boring, and pinning services along with the Guillotine® saw and a double drilling unit (DDU) to remove conductors in 4 wells. In only 12.5 hours, the team recovered 24 sections—or 1,128 ft (344 m)—of multistring conductor. By mitigating the risk of lifting, manual handling, and gas-torch-cutting issues, the team completed the operation without injuries or environmental incidents.

**Location:** Offshore Southeast Asia

For conductor removal operations, we deliver the most efficient and cost-effective technology while ensuring personnel and environmental safety. For more information about our full suite of well abandonment and decommissioning services, visit **[weatherford.com](http://weatherford.com)**.



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