

## Conductor Slot Recovery Services

NCA offers turn-key conductor slot recovery services which include project management, planning, engineering and the execution of the work, offshore.

Conductor slot recovery enables a new start by using old slots on an offshore platform. This offers a new and full casing program opportunity from an existing installation that will reach far pockets with “full bore” production potential from the pay zone.

A typical operation involves

- Permanent plugging and cementing of old well to isolate all permeable zones
- Cutting and pulling the old multi-string conductor
- Running and deflection of the new conductor before initiating the drilling program which can be either driven or drilled, and the whipstock run and installed at, above or below the seabed.

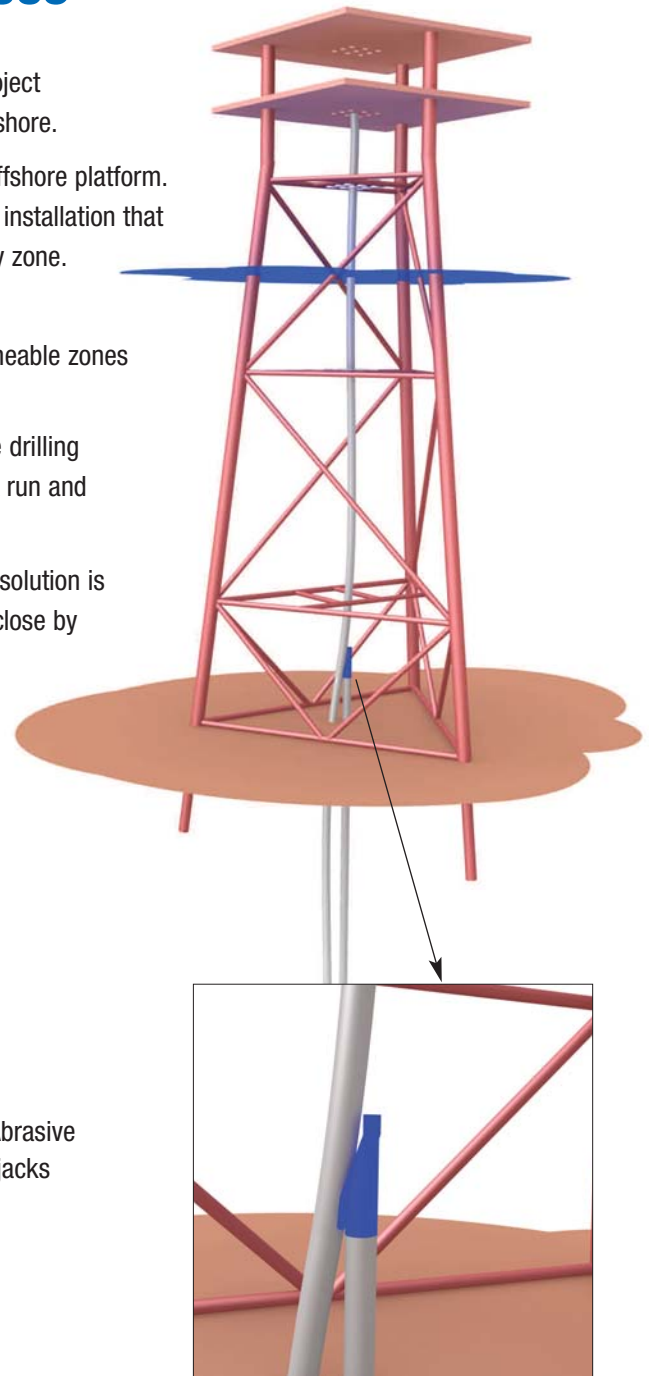
There are several whipstock types and installation options. The “right” solution is normally given or dictated by casing program, platform geometry and close by installations and their obstructions.

### Applications

- Reuse of old well slots on offshore platforms

### Features and Benefits

- Offers full size conductor for new well
- Both above and below seabed options available
- Cutting of “old” conductor can be performed rigless with NCA's Abrasive Waterjet Cutting Internal Multi-string Cutting Tool and conductor jacks
- Several whipstock and whipstock anchoring options available
- New conductor can be drilled or driven to TD



## Specifications

- Can be run on any size of conductor
- Jacket structure as well as existing and planned well pattern must be studied to decide optimum solution for each project

## Available Whipstock Versions

- Whipstock with shear pins run as part of the conductor (above or below seabed)
- Whipstock run on drill pipe (above or below seabed)
- Conductor Deflection Tool (above seabed)
- Mule shoe version installed on the new conductor

## Equipment

The following equipment is typically involved in a conductor slot recovery project:

- Equipment for internal or external cutting of conductor at or below seabed (refer to NCA's system for Internal Cutting of Multi-string Conductors or Subsea Guillotine Saws)
- Handling and sectioning equipment for pulling of old conductor (refer to NCA's system for Sectioning of Multi-string Conductors)
- Conductor Whipstock or Conductor Deflection Tool
- Hole openers (sub seabed solution)
- Hammering equipment (if not drilled to setting depth)
- Cold cutting and machining equipment for installation of new wellhead



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