



IMPACT SELECTOR™

Intelligent Conveyance® Technologies

OWI KUALA LUMPUR, TUESDAY 4TH JUNE 2023.

PRESENTER – ROB MAURER, REGION MANAGER APAC.

Introduction

The Exit Sub™ has rapidly become the Slickline Release Tool of Choice for major Offshore Operators, saving time and money over traditional options.

By adding the Exit Sub™ to standard operations, it provides the operator with a built-in release mechanism every time slickline is run, avoiding costly downtime waiting to mobilize a drop bar cutter.

If the wireline tool string becomes stuck, it couldn't be easier; slack-off tension and wait for the Exit Sub™ to release; no complicated manipulation of the wireline is necessary to activate the electro-mechanical release mechanism.

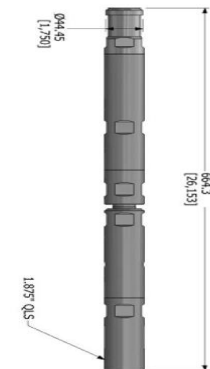
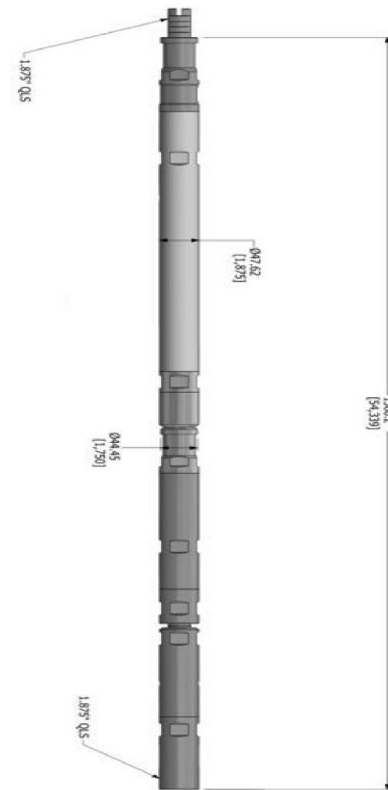
Reduce the complexity of fishing operations by providing an industry standard, clean fish neck for recovery of the stuck lower toolstring left in hole.

The Release

Bottom section left downhole with clean 1.750" fish neck to latch onto.

Return to surface with Electronic Housing, Rope Socket and all of the Slickline.

No requirement for tension, simply slack off the wire and apply brake.



Operator Challenge

When slickline service companies are faced with a toolstring stuck in the well and there is no way to pull free, the decision commonly comes down to utilizing a wire cutter to cut the wire above the rope socket.

The wireline is pulled free and a fishing toolstring is then deployed to recover the stuck toolstring. In many cases this requires mobilizing specialist equipment to provide the specialized wireline cutter, further delaying the operation during the lengthy equipment mobilization.

Solution

The Impact Selector Exit Sub™ was invented to provide a remote release option on every toolstring, every time, minimizing downtime and without the need for wireline cutter intervention.

The Exit Sub™ is run as a standard slickline service tool and when placed in the upper toolstring below the rope socket, the operator always has a means to release below the rope socket reliably and remotely, without the need to cut the wireline, leaving an industry standard fish neck profile for ease of subsequent fishing.

The Exit Sub™ eliminates the Safety risks involved in rigging up a drop cutter – closing BOP's, working at height to clamp cutter on, getting to the correct depth to cut – while reducing time and cost with being assembled within the toolstring.

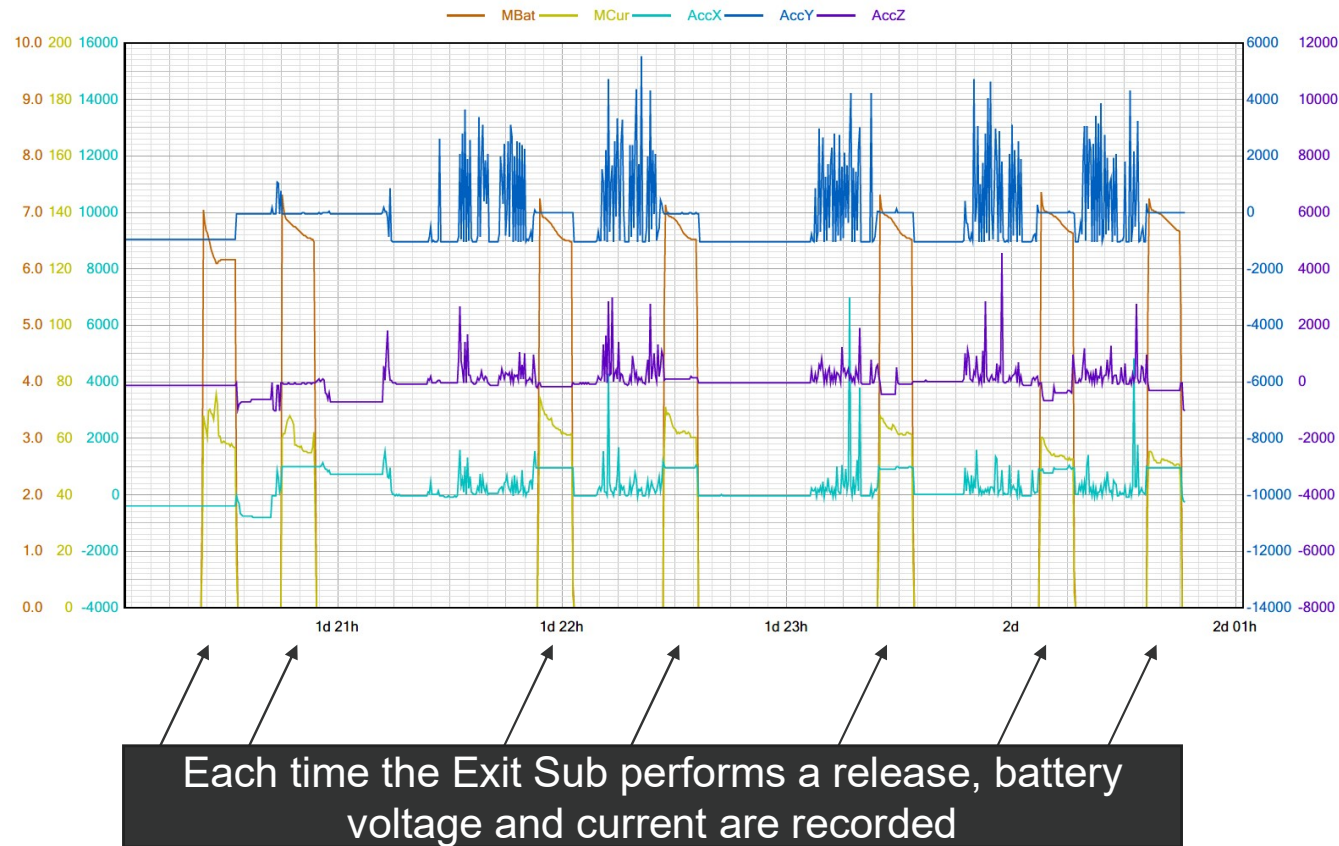
Exit Sub®

Graph illustrates data recorded from the Exit Sub.

Tri-Axial Accelerometer in place to detect once tool is stationary.

Once pre-determined timer elapses, tool releases and service company can POOH.

Any movement resets the clock to zero.



Tool Layout & Specifications



1.750" Fish Neck

Electronic Housing

Locking Body

1.750" Fish Neck

Lower Housing

Max OD – 1-7/8" (1.875")

Connections – 1-7/8" QLS or 1-1/16" SR

Max Pressure – 15,000psi

Max Temperature – 165 Deg C

Weight – 34lbs / 15.5kgs

Length – 54.34" / 1.38m / 4 feet 6"

Tensile Strength – 70,000lbs



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THANK YOU!

QUESTIONS?