

FINGER BOARDS

Custom made to suit Client's drilling programme

ICON designs and installs custom made fingerboards to suit your rig and your drilling programme. ICON has successfully designed and installed fingerboards for various rig owners and operators including the Atwood Eagle and Nan Hai VI for operator Woodside.

Background

Fingerboards act as a rack to allow storage of pipe stands and can save critical rig time when making successive trips in and out of the hole. However, when using stands of larger diameters (above 6-5/8") the standard fingerboards are too small. When risers are made up on critical path each time a subsea component or completion is run, this equates to unnecessary rig time. For deep water wells this can add up to several days of additional rig time per completion.

By manufacturing and installing a custom made fingerboard to suit the specific riser size, the riser stands can be stored and racked back. This saves critical path rig time for every use of the completion riser.

Atwood Eagle – Woodside's Pluto Campaign

ICON replaced the existing fingerboard on the Atwood Eagle which could not accommodate the 380mm diameter riser joint collars proposed. This work was part of Woodside's Pluto completions work off the coast of North West Shelf, Western Australia.

The project success was attributed to ICON's involvement early in the project. ICON designed a fingerboard which allowed 31 doubles to be racked back as needed and also incorporated an innovative gate design which allowed for easy closure.



Fingerboard installation using rope access team



Fingerboard in operation

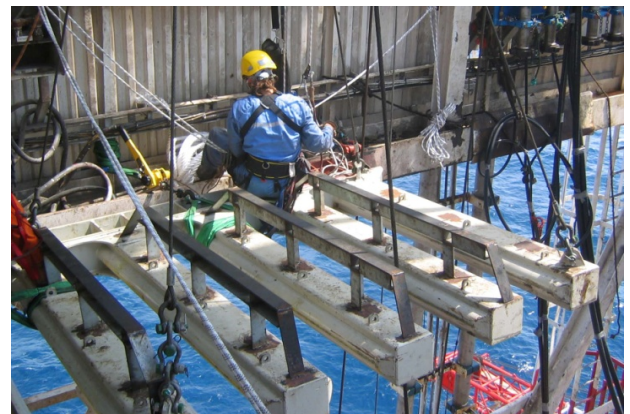
Nan Hai VI – Woodside Vincent Campaign

A new fingerboard was designed for the Nan Hai VI MODU as part of the Woodside's Vincent drilling campaign.

The fingerboard was installed using a rope access team using the drill floor tuggers to assist in lifting. Site measurements taken prior, ensured the fingerboard was an exact fit to the derrick supports. The installation occurred during rig tow which saved on valuable critical path rig time.

The fingerboard also included guides to allow the pneumatic spear system to be used. This system enables the riser to be racked without manual handling over the fingerboard by the derrickman thereby eliminating dangerous work at heights.

ICON understands the challenges clients face in drilling operations. We are happy to discuss any queries you may have regarding fingerboards.



New Fingerboard for Nan Hai VI