

Jura towhead fabrication

A massive towhead fabrication project on a tight timescale for the Jura Development in the North Sea.

Isleburn were contracted by Subsea 7 to construct a manifold structure with two integrated modules with a combined weight of more than 420 tonnes for the Total Exploration and Production Jura development, with a fabrication schedule of just 18 weeks.



Fabrication

- procurement of structural materials, fabrication and painting
- receipt of FI Duplex piping materials and valves, fabrication, installation, painting, flushing and pressure testing
- fabrication, fitting, integration with control panels, flushing and pressure testing of small bore control tubing
- full FAT / SIT inside workshop
- transport and load out

Simultaneous production

Small sub-assembly items were fabricated at the Evanton fabrication and machine workshop, while larger fabricated panels were constructed at Invergordon. Using specialist heavy haulage, these were transported to the Evanton blast and paint facility for coating before being taken to the final construction site at Nigg.



Installation

The two module structures were fabricated separately from the towhead. Installation involved lifting the completed structures in the workshop and positioning them inside the towhead.



Load-out

Together the towhead and integrated modules weighed 432 tonnes – the largest single towhead structure fabricated by Isleburn to date. The project was completed on time and within budget, while maintaining the highest quality and safety standards.

