

Scapa Caisson

Isleburn were contracted to manufacture a replacement caisson for the Claymore production platform.

The project involved the fabrication of a new 44" Riser caisson, clamps & rigid spool pieces to replace the existing 36" riser caisson.

The caisson was to house the Scapa production, test/utility, gas lift, inspection and spare lines and tied back to the north and south scapa bundle towheads/ESDV's



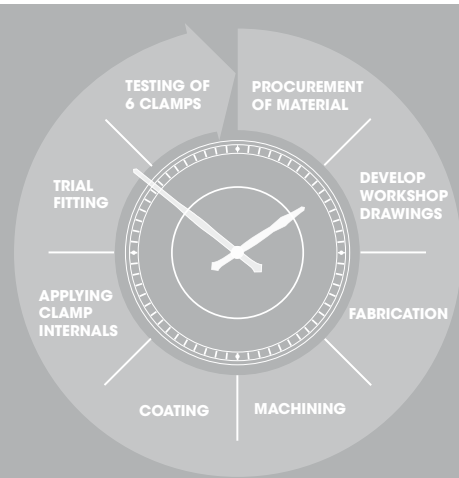
Loadout at Nigg facility

Challenge #1



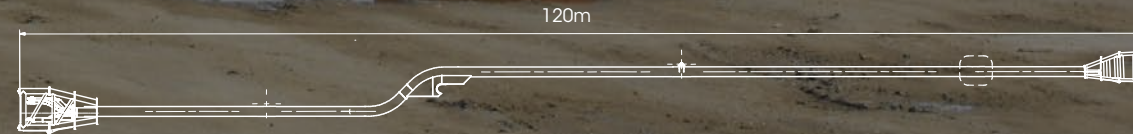
6 caisson clamps to be manufactured in 12 weeks to meet offshore installation date.

Demanding clamp project schedule



Challenge #2

Fabricating a 120 metre long caisson during the winter was overcome by Isleburn's extensive facilities.



Challenge #3

Welding bulkhead with 15 breakout spools in super duplex materials with increasing complexity.



Challenge #4

Loading out of the final structure



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