

# Offshore System Scaffolding



<b>Client</b>	Major UKCS operator
<b>Project</b>	Access for critical crane coating
<b>Location</b>	Offshore
<b>Size of Contract</b>	Compact
<b>Duration</b>	7 days
<b>Outcomes</b>	<ul style="list-style-type: none"> <li>• 10 day outage of critical item reduced to 7 days</li> <li>• On platform weight saving</li> <li>• 40% reduction in man hours</li> </ul>

## IN ADDITION

- Day and night shift was utilised to ensure maximum productivity throughout crane outage
- Altrad required POB 12 blaster painters and four scaffolders
- Risk assessments and permits were in place prior to commencement of works
- Altrad and client procedures were adhered to throughout duration of works
- Access scaffold required to be full length of the crane boom.

The client had initially planned 10 days to blast and re-coat 30% of the crane boom during the outage, however due to efficiencies and productivity Altrad were able to blast and re-coat 70%. This was as a result of an opportunity to undertake much of the cleaning and de-greasing of the crane prior to outage.

## PROJECT OVERVIEW

Altrad were tasked with completing an offshore critical coatings work scope for a major North Sea operator on the platform crane:

- Single crane platform – critical for day to day operations
- Altrad working to integrated plan in conjunction with other contractors
- Crane was required to be non-operational for duration of work scope
- Critical scope of crane cab changeout was simultaneously ongoing.

## THE SOLUTION

- HAKI system scaffold was utilised to maximise efficiencies (40% reduction in man hours) and provide a safe working platform to carry out the scope of works. Altrad engineers surveyed the area and worked with HAKI engineers and technicians throughout project to ensure smooth build.
- The HAKI encapsulation system was utilised to provide weather proofing and contain grit from blasting operations; more robust and efficient than standard encapsulation methods.
- Open grit blasting to Sa2.5 was then applied to a two coat high-build epoxy paint system.
- The HAKI system also used to construct crane cab laydown platform; increased efficiency and 30% weight saving were achieved compared to a traditional scaffold.

## ABOUT ALTRAD SERVICES

Altrad Services is an international leader in the provision of critical industrial services principally to the energy and natural resources sectors.

Our multi-disciplinary service offering includes access systems, insulation, specialist coatings, passive fire protection, refractory linings, environmental services, oil and gas storage tanks and heat exchanger replacement and refurbishment.