

HARALD FLARE ACCESS PLATFORM WORKS

On the Harald platform in Denmark, operated by TotalEnergies, the existing top platform of the flare stack was rejected by the client, restricting personnel access and preventing maintenance activities from being carried out safely. At the same time, the flare tips needed to be replaced by helicopter.
Conbit was asked to develop and install a temporary working platform that would provide safe access to the top of the flare stack while ensuring that all loads were transferred to the intact primary structure of the existing platform.
During the project, the scope was expanded to include the replacement of the complete flare ignition cable system, adding an additional challenge to the execution.



Rope access technician installing a temporary working platform

PROJECT

- ✓ ENGINEERING
- ✓ PROCUREMENT
- ✓ CONSTRUCTION

Client
TotalEnergies

Project Number
32088

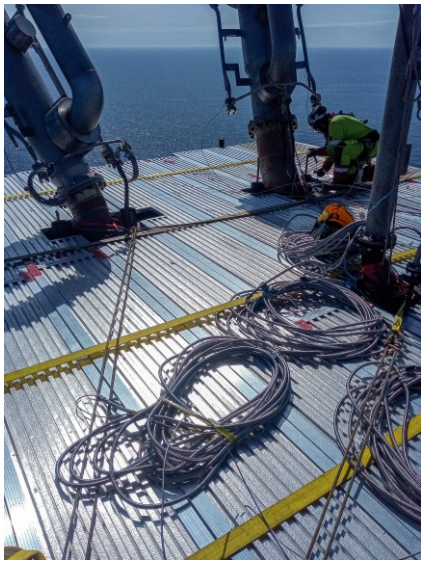
Project Name
Harald Flare Access Platform Works

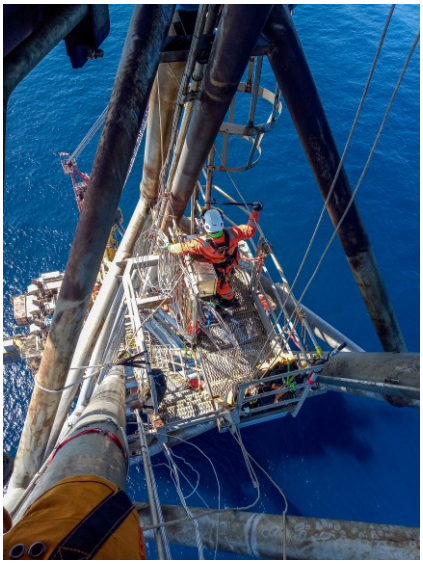
TotalEnergies

conbit
WWW.CONBIT.EU

HARALD FLARE ACCESS PLATFORM WORKS

01SD178-A





Cable replacement works



Lifting and transferring equipment using the offshore crane



Cable replacement works

SOLUTION

Conbit created a temporary platform consisting of lightweight aluminum walkways. The design ensured that all loads were transferred directly to the intact primary structure of the existing platform.
Using rope access techniques, a lifting and guideline system was established. An LRE single boom lifting system was installed on top of the flare platform to transfer the walkways from the main deck into position.

CHALLENGES

The main challenge was completing the engineering and production within just two months. The additional cable replacement scope, combined with delays in other contractors' activities, placed further pressure on the shutdown schedule.

EQUIPMENT

The installation was carried out using a combination of rope access equipment to establish the lifting and guideline systems, an LRE single boom lifting system to transfer materials to the top platform, and lightweight aluminum walkways to create the temporary working deck.

OUTCOME

Despite the tight schedule and expanded scope, Conbit successfully completed the work within the available shutdown window. The team demonstrated flexibility and commitment, earning positive feedback from TotalEnergies for the delivered solution and execution.

conbit
WWW.CONBIT.EU