BALDPATE CRANE BOOM REPLACEMENT

Conbit was contracted for the replacement of the eastern platform crane boom on the Baldpate Platform in the USA. The existing crane boom weighed 13,775 kg and was replaced with a new boom weighing 14,618 kg, requiring careful consideration of the increased weight during handling and installation.
During the project, the scope was expanded to include the replacement of the crane engine, requiring additional coordination and interface management. The project was also executed during a transition in platform operators from Hess to Chevron, requiring Conbit to manage changing client interfaces throughout execution.

Getting skidding system in place

PROJECT

- ✓ ENGINEERING
- ✓ PROCUREMENT
- ✓ CONSTRUCTION

Client
HESS

Project Number
31852

Project Name
Baldpate Crane Boom Replacement

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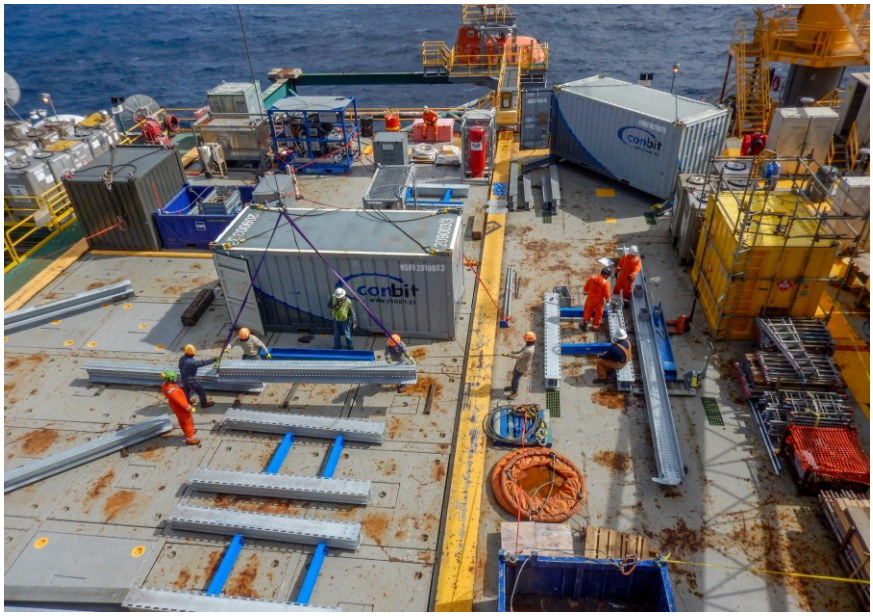
BALDPATE CRANE BOOM REPLACEMENT

01SD165-A



Platform lay down area

Crane boom on skidding system, supported by equipment container

SOLUTION

Conbit engineered a new skidding system based on proven concepts from previous offshore projects. The system was designed to be installed directly on top of Conbit equipment containers, creating a compact and efficient solution with a minimal footprint on the platform deck.
The system provided a controlled method for removing the existing crane boom and positioning the new boom while making efficient use of the available deck space.

CHALLENGES

Offshore execution included standby time while waiting for the supply vessel carrying the new crane boom. Despite the additional waiting time and changes in client interfaces during the project, the work was coordinated and executed efficiently.

EQUIPMENT

The operation was carried out using Conbit equipment containers combined with a newly manufactured skidding system. The system consisted of HE400B base frame beams and skidding trolleys and provided a robust and effective solution for the crane boom replacement.

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