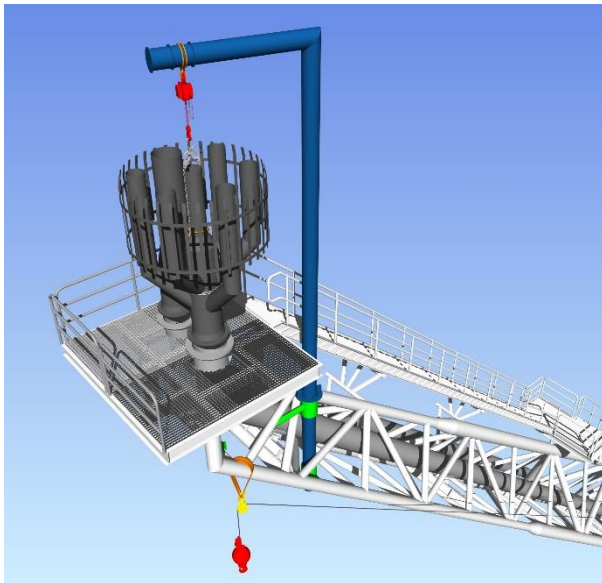


FLARE TIP HANDLING SYSTEM BARONIA

GBA Flare Systems was contracted to deliver the flare-tip package for the BNCPP-B offshore platform in Malaysian waters.

GBA Flare Systems in turn contracted Conbit to design and deliver a mechanical handling system for installation and replacement of the flare tip — a combined high-pressure/low-pressure flare tip with a total weight of 2000 kg.

Conbit is renowned for its extensive flare-tip lifting experience and has worked with GBA Flare Systems on many successful projects.



Picture: Davit lifting system

PROJECT

- ✓ ENGINEERING
- ✓ PROCUREMENT
- ✗ INSTALLATION

Client

GBA Flare Systems

Project Name

Flare tip handling system
Baronia



PETRONAS

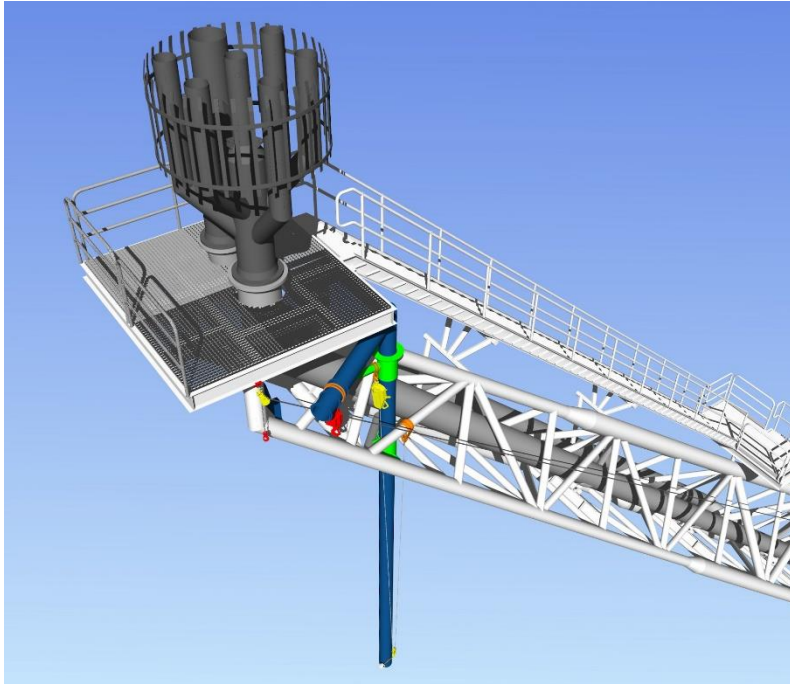


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FLARE TIP HANDLING SYSTEM BARONIA

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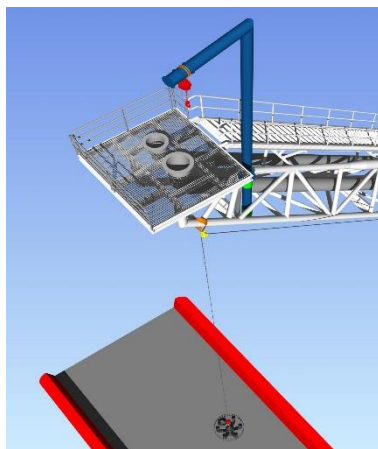
Picture: Davit stowed under flare tip access platform



Photos: Factory Acceptance Test of winch and davit structure



Photo: Container with lifting equipment



Picture: Lowering flare tip on to supply vessel

RETRACTABLE DAVIT

In accordance with the client's specifications, Conbit prepared the structural design of the flare-tip handling system, which featured a retractable davit as the main lifting equipment.

A retractable davit system enables the operators to replace the flare tip efficiently and quite rapidly.

This project required a fully engineered design that involved davit lift technology combining safe working procedures, low risks and effective job completion.

After the replacement the davit is permanently stowed below the flare-tip service platform. It provides a cost-effective method for flare-tip servicing, repair and replacement in the future.

The davit can be handled manually, eliminating the need for heavy motorised equipment or cranes.

PREPARATION & PROCUREMENT

Conbit devised extensive and detailed procedures for flare-tip handling and equipment installation.

In addition to the structural design and procedures, and according to the client's specifications, Conbit also delivered lifting materials and equipment that were required for the lifting procedure, such as the winch.

A load test was performed in Conbit's warehouse to test the lifting system.

**"SPECIALIST IN
MECHANICAL FLARE TIP
HANDLING SYSTEMS"**