

**FPSO
Design &
Studies**



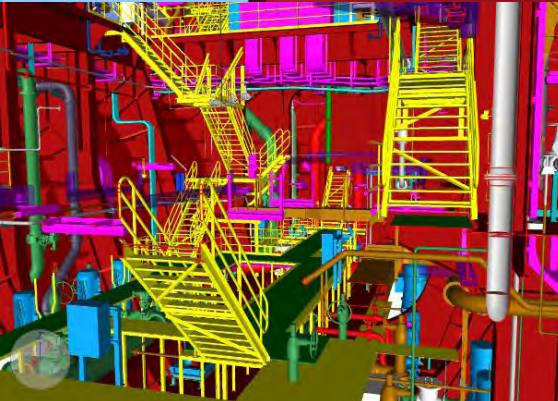
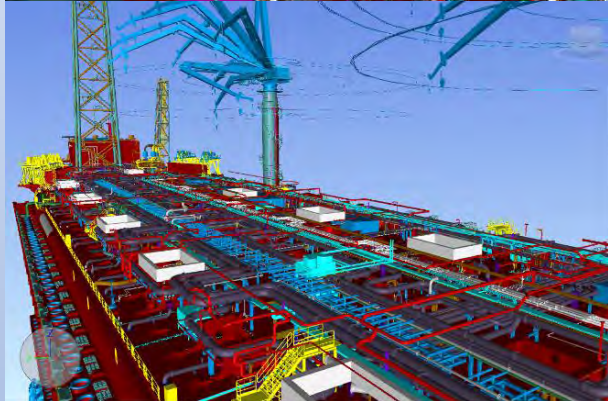
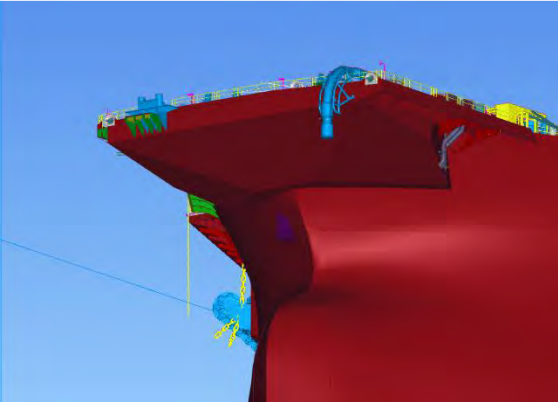
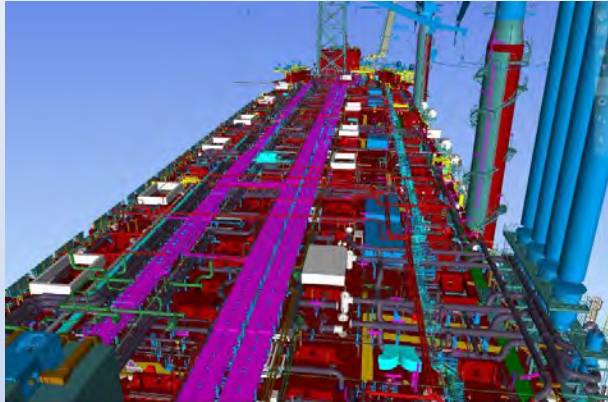
Zebec has been involved in many stages of FPSO development and conversion projects. Our Naval Architects & Engineers have extensive design and operation experiences from various offshore development projects.

Our in-depth knowledge & experience of marine and vessel system design combined with experience offers a unique competence for FPSO operators.

Brief Work Scope of Typical Tanker To FPSO Conversion Detail Design & Engineering

- Laser Scanning for the whole FPSO and converting into PDMS (3D CAD Modelling)
- Design and analysis of equipment support foundations
- Detail design (Isometric drawings, etc.) for the fabrication of newly installed structures, piping and equipment.
- Engineering for installation of equipment, skids and modules
- Interface engineering between newly installed structures and equipment and the existing structures & equipment
- Preparation of Arrangement Drawings which are required during the course of the conversion works
- Lifting studies and calculations for integration works, Weight control activity

FPSO Design & Studies




Zebec Marine Consultants & Services Pvt. Ltd.



- Ship Building Project Management
- Ship Design (Concept, Basic & Detailed)
- Oil & Gas Engineering
- FPSO | FSO | FSRU System Design
- Naval Architectural Services
- Retrofit Engineering (BWTS / Scrubbers)
- Ship Loadicator Software

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