# Conversion & Retrofit Engineering

# **Zebec** MARINE CONSULTANTS & SERVICES



Zebec Marine with its vast experience in Shipbuilding Project Management, and Design & Engineering Services is equipped to offer the complete engineering solution for Vessel Conversion Design and Retrofits Projects.

Capable of Handling Various Conversion Turnkey Projects such as:

- Bulk Carrier to Transshipment vessel
- Tanker to Bulk Carrier conversion
- PSV to Well Stimulation Vessel Conversion
- PSV to DSV



Before Conversion (PSV - Greatship Ramya)

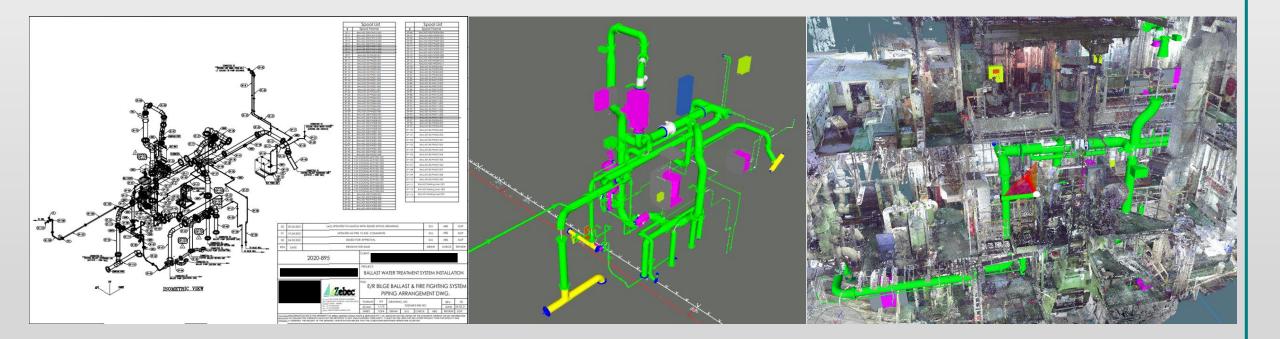
After Conversion (WSV - Greatship Ramya)

### **Conversion & Retrofit Engineering**

#### **BWTS & Scrubber**

- 3D Scanning
- Conversion of Point Cloud data to 3D Model
- Integration of Vendor Equipment into Model

- Feasibility Study and Preliminary Engineering
- FEED Engineering, Production/Detail Design
- Supervision of Installation of the System

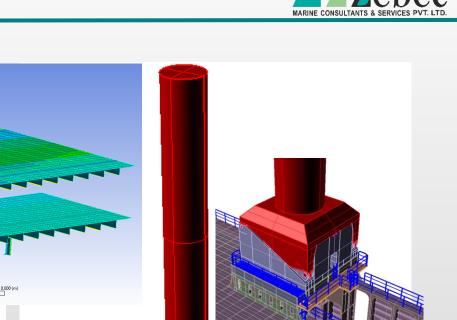




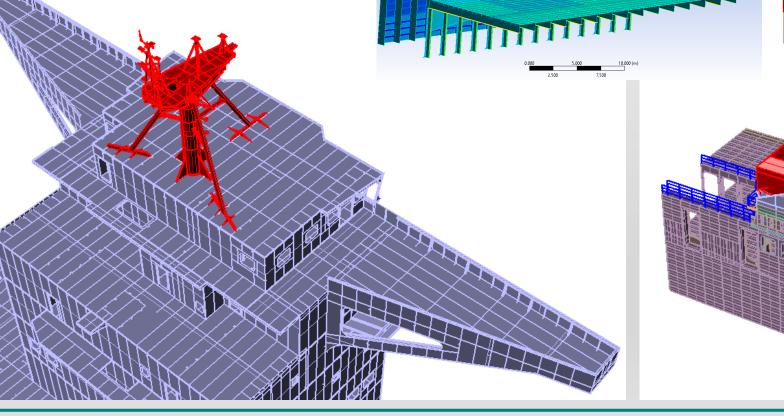
## **Conversion & Retrofit Engineering**

#### **Retrofit Engineering**

- Retro fitting of all types of equipment
- Structural analysis for under deck strengthening
- FEED Engineering, Production/Detail Design
- Supervision of Installation of the System



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# Zebec Marine Consultants & Services Pvt. Ltd.



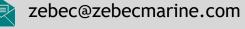
- Ship Building Project Management
  - Ship Design (Concept, Basic & Detailed)
    - Oil & Gas Engineering
      - FPSO | FSO | FSRU System Design
    - Naval Architectural Services
  - Retrofit Engineering (BWTS / Scrubbers)
- Ship Loadicator Software



411-414, Raikar Chambers, Opp. Neelkanth Towers, Govandi-E, Mumbai-400088, India



+91-22-42965000





www.zebecmarine.com

