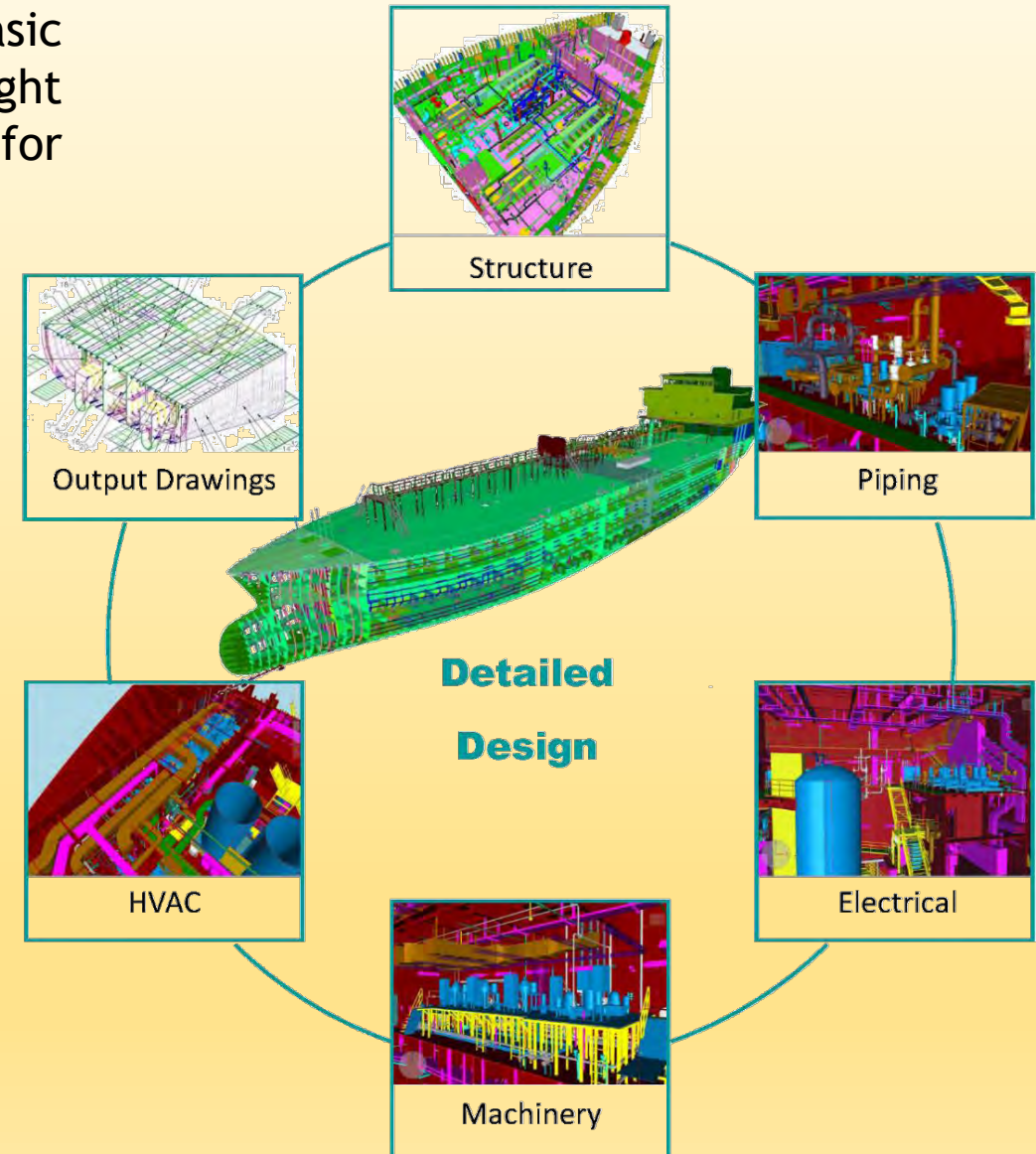
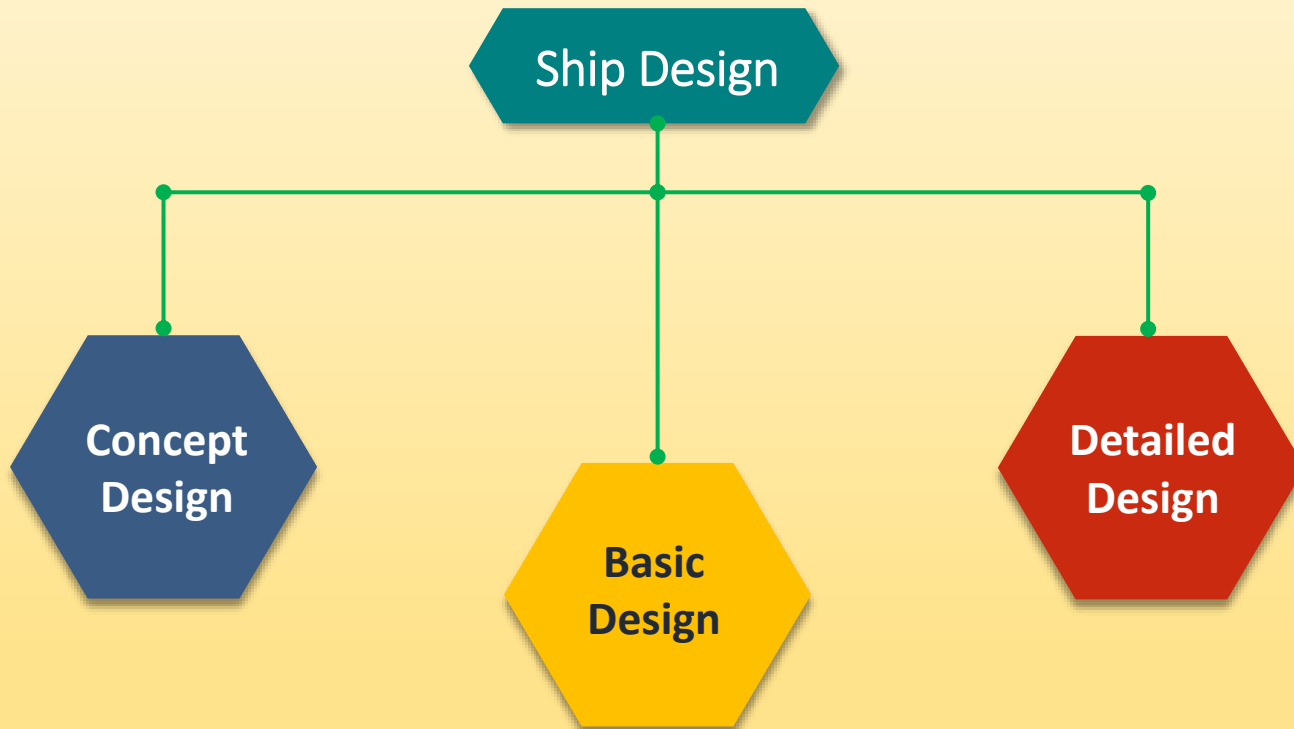


# Ship Design



Zebec Marine has developed strengths in conceptual, basic and detailed design. Our focus is to help achieve the right balance in terms of design and operational characteristics for the vessel.



# Concept Design

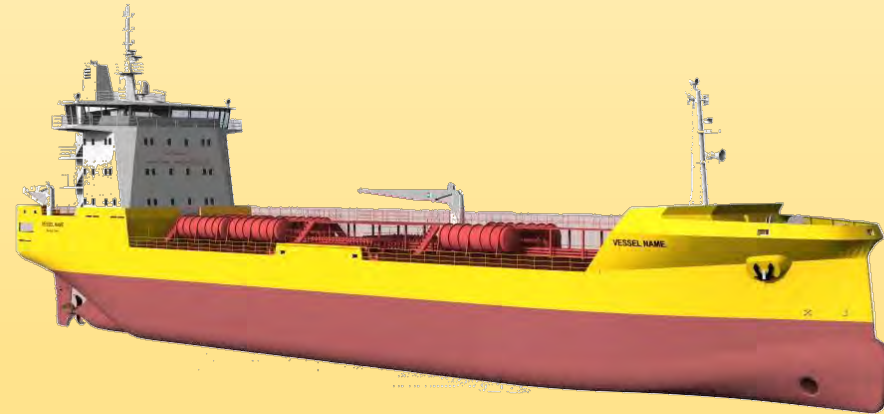
- Preparation of Conceptual General Arrangement
- Development of Hull Form
- Resistance & Powering Calculations
- Electrical Load Balance Calculations
- Initial System Sizing
- Preliminary Intact & Damage Stability Calculations
- Lightship Estimations



**Fully Autonomous Trailer Transporter Electric Propulsion**



**Anchor Handling Tug Supply Vessel**



**110m Chemical Tanker**



**Polar Expedition Vessel**

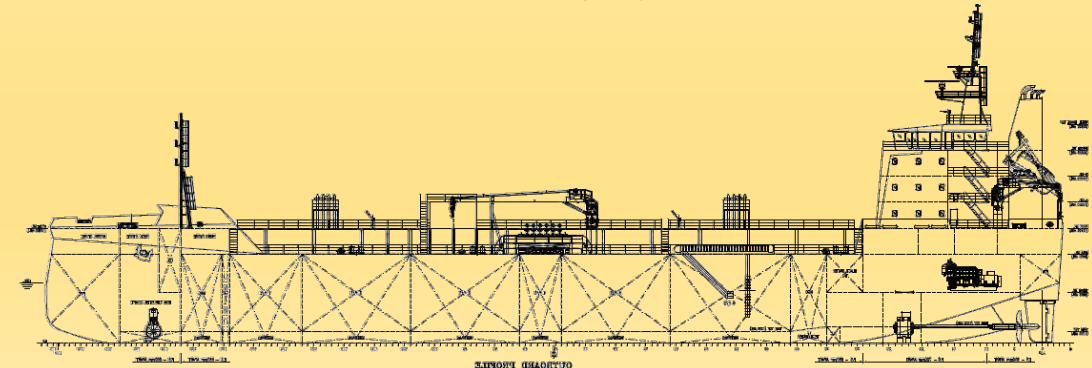
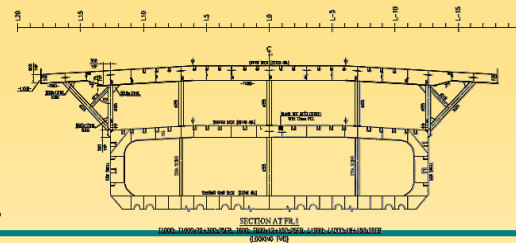
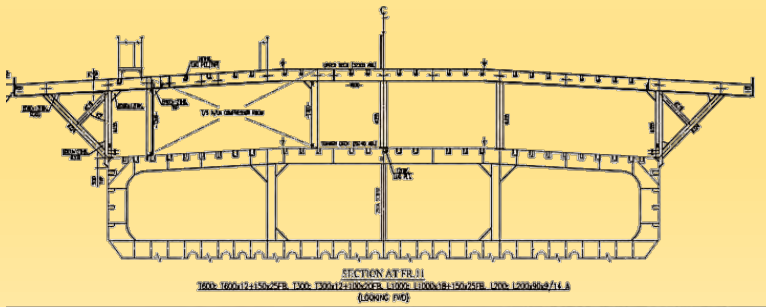
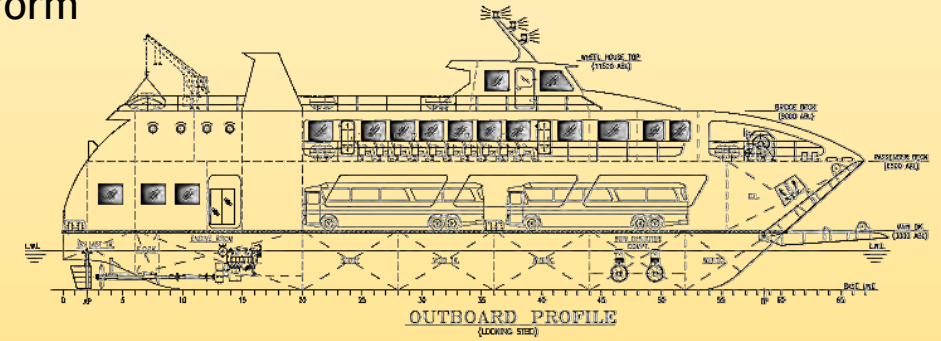
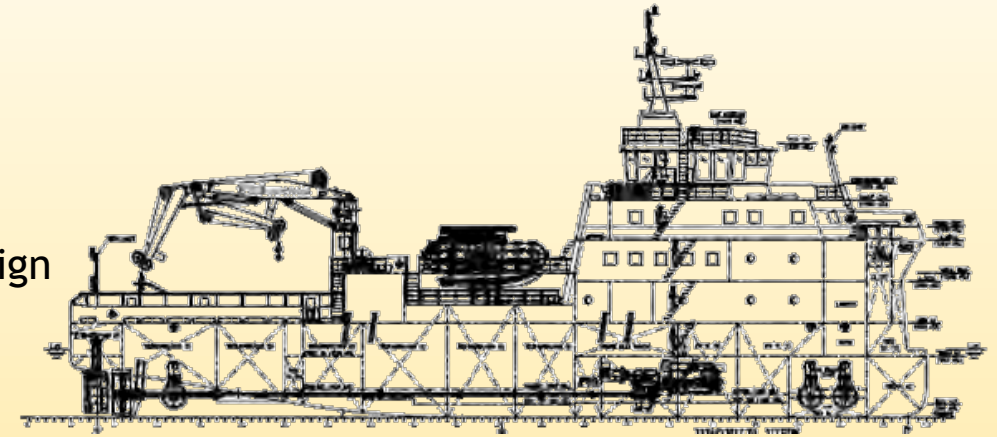
# Basic Design - FEED Engineering

## Core processes

- Hull Design
- General Arrangements
- Naval Architectural Computations
- Machinery and Piping System Design
- Electrical Design
- Safety & Navigation
- Compliance of Rules & Regulations
- Ship Building & Technical Specifications

## Type of Vessels Designed

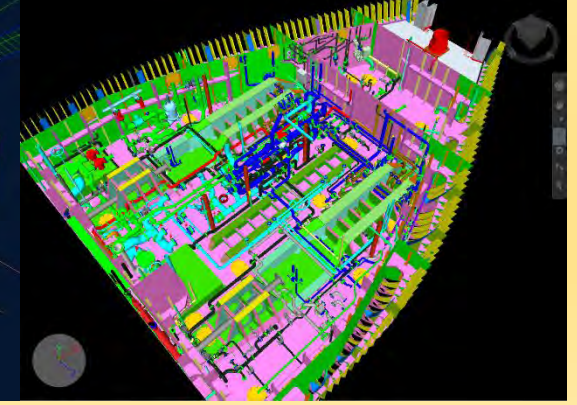
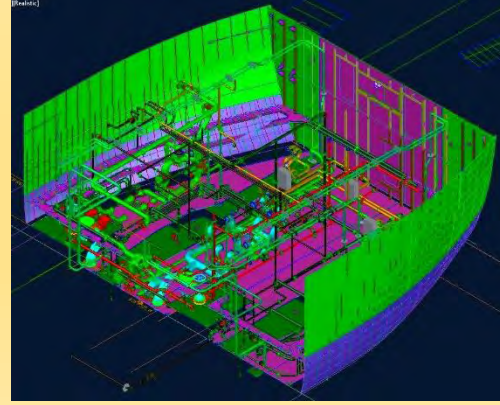
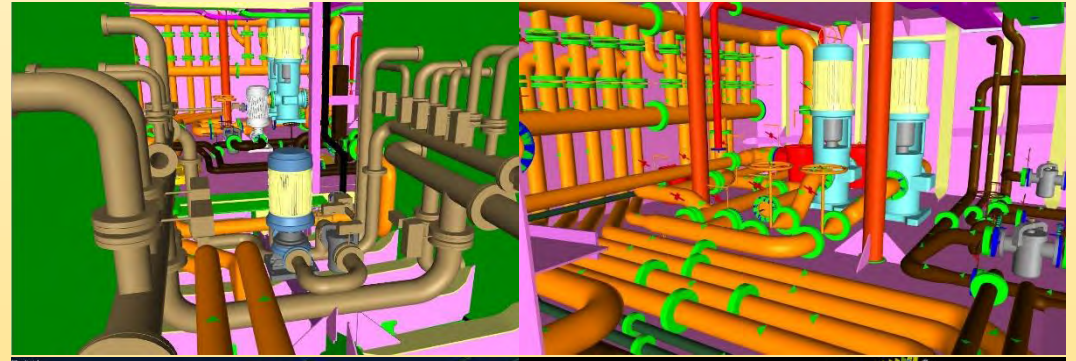
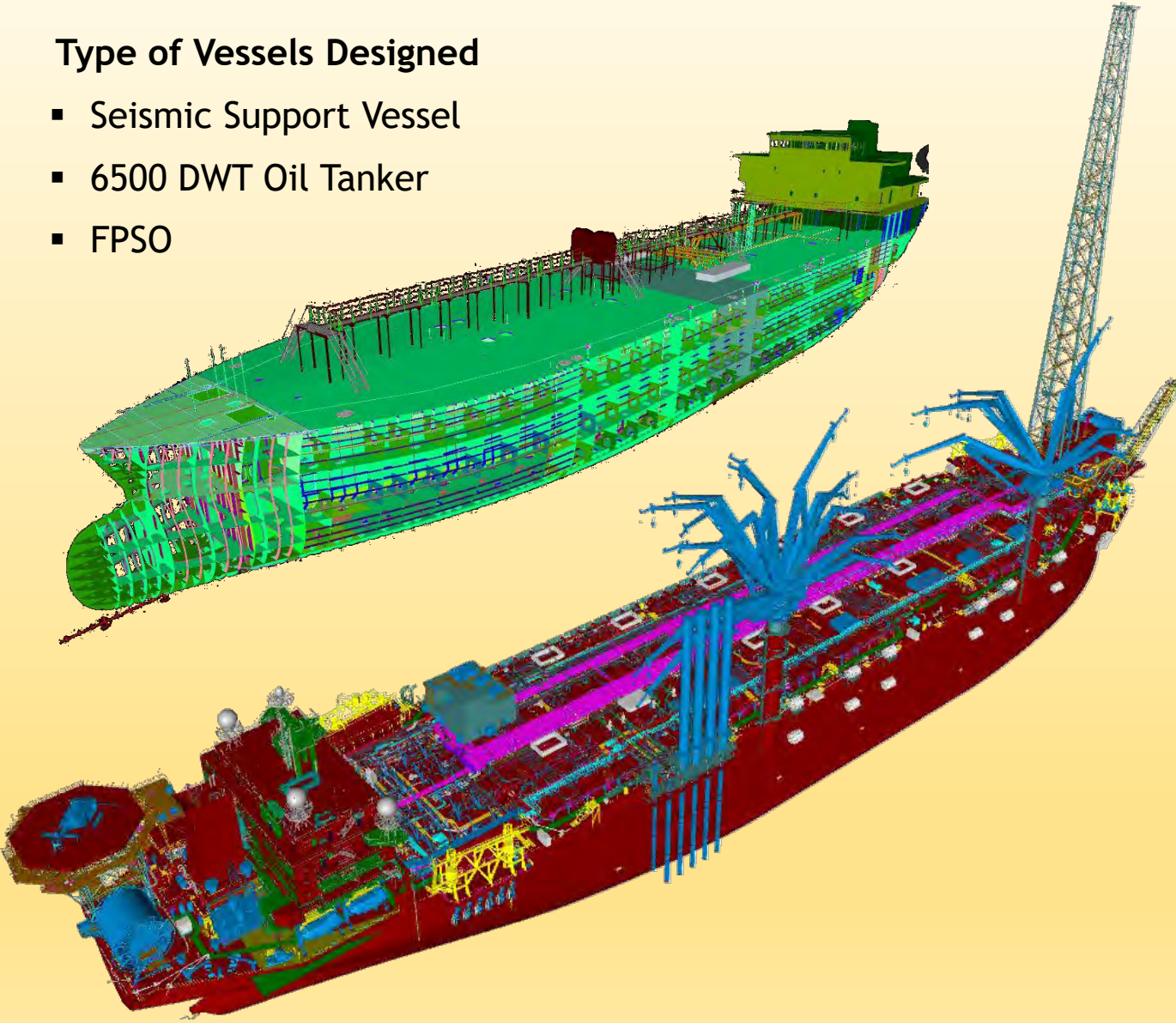
- Oil Tanker
- Chemical Tanker
- Seismic Support Vessel Design
- Offshore Support Vessel
- Catamaran Pontoons
- Self Elevating Modular Platform
- Pusher Tug
- Fast Ferry
- Self Propelled Barge
- Non-propelled Barge
- Crane Barge
- Passenger Boats



# Detailed Design

## Type of Vessels Designed

- Seismic Support Vessel
- 6500 DWT Oil Tanker
- FPSO




# 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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