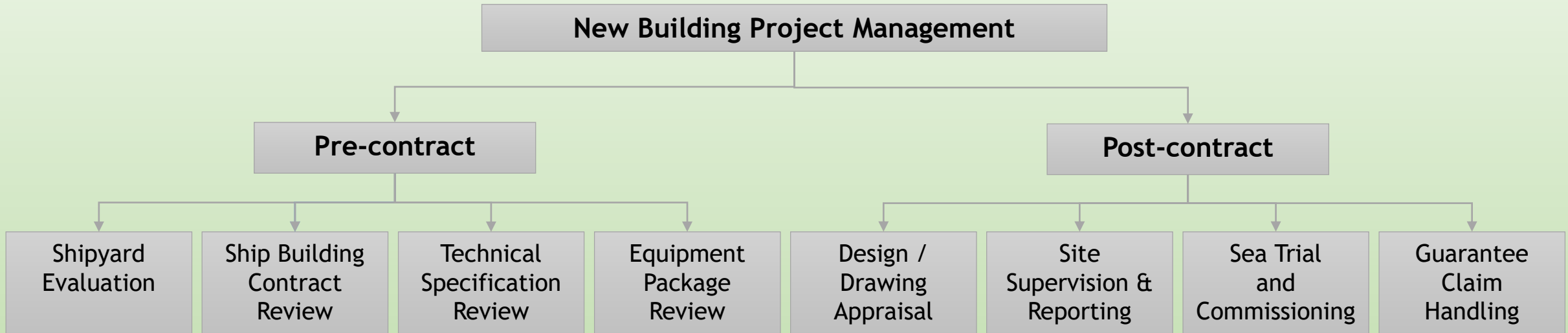


# New Building Project Management



Zebec Marine endeavours to provide its clients a complete and comprehensive project management solution. Our personnel have extensive experience at various shipyards and for various vessel types. From concept, right up to vessel delivery and after, Zebec Marine provides clients a disciplined and professional project management service.



## Shipyard Evaluation and Selection

Focus on:

- Building Capability
- Organization And Management
- Production Facilities
- Financial Position
- Pictorials - Shipyard Location /Overall Views

## Ship Building Contract Review (Technical)

Review of :-

- Definitions, The vessel, description and class
- Approval of plans and drawings and inspection during construction
- Specification and general arrangement drawing
- Makers list, Modifications and changes
- Test and trials
- Stage payment terms, Delivery date and delivery
- Delays and extension of time for delivery (force majeure)
- Warranty of quality, Default provisions, Buyer's supplies, Notices

## Technical Specification Review

A detailed review is carried out in order to

- Optimize technical specifications drawn up by the shipyard
- Focus towards the eventual operability of the vessels and the owner's interests

## Equipment Package Review

Review Basis

- Trading Area of Vessel
- Equipment Maker, Serviceability
- Yard Experience
- Installation representation
- Dockings/ Spares
- Recommendation





## Design / Drawing Appraisal

Thorough review of

- Structural drawings
- Piping and system drawings
- Outfitting & Accommodation
- Machinery and Electrical drawings and calculations
- Cargo handling system drawings
- Navigational and communication equipment layout
- Naval architectural computations

## Site Supervision & Reporting

Focus on:

- Good ship building practices
- Proper installation of Equipments
- Proper surface preparation and coatings
- Witness and record tests and trials.
- Scheduling and deviations
- Liaison with all parties
- Crew familiarization
- Project reporting



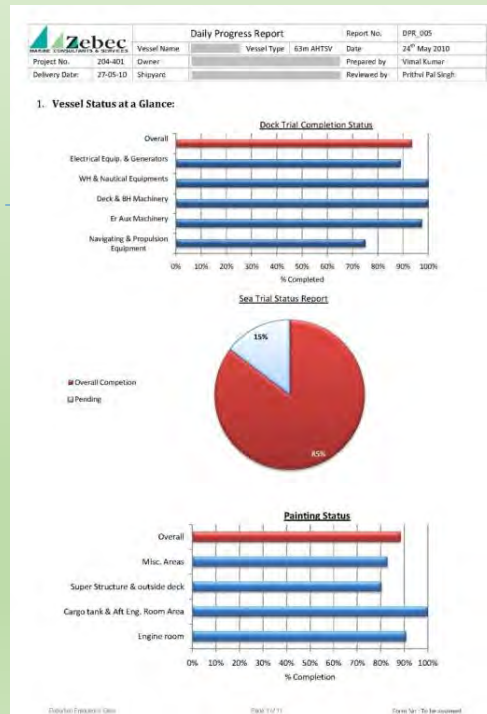
## Sea Trial and Commissioning

- Participate in all shipboard equipment testing and quay trials.
- Verify the proper functioning and testing of all machineries and fire fighting equipment.
- Participate in scheduled operational trials in dock and at sea to ensure that the operation is in compliance with the specification.

## Guarantee Claim Handling

An add-on service:

- A dedicated resource allocated to categorize, evaluate, correspond with both, shipyard and owner, track, and close out the warranty claim.
- The focus being to expedite the claim thus ensuring minimum vessel downtime and also reduce possible off-hire and commercial loss to the client.



































# 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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