

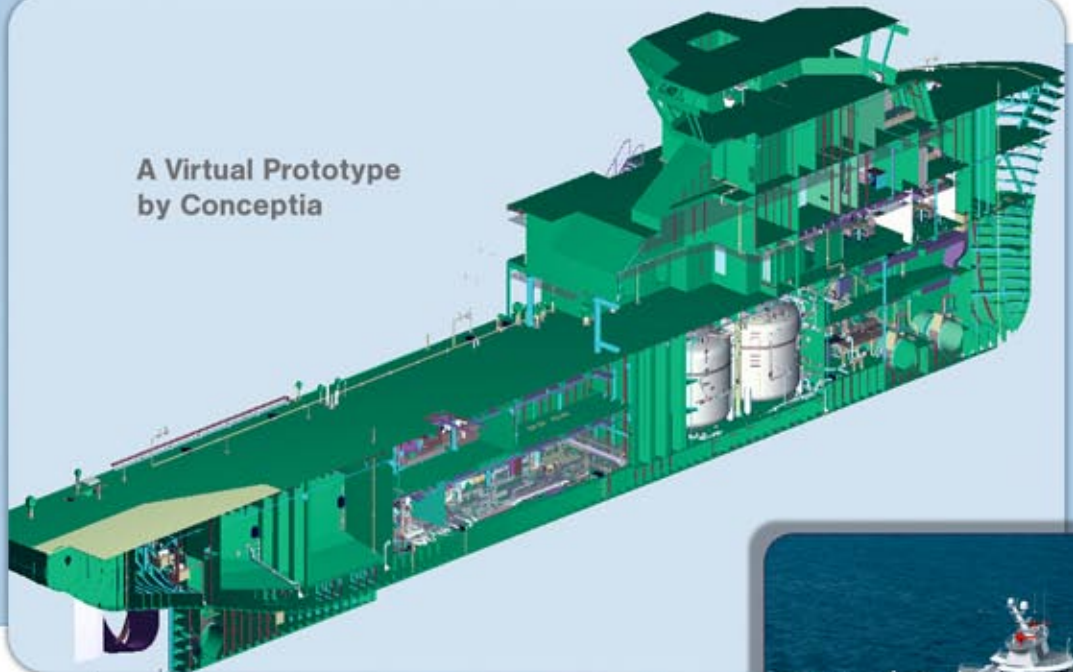
Engineering for Ships & Oil & Gas Platforms

Basic Design

Detail Design

Production Planning

A Virtual Prototype
by Conceptia



Assembly *Production Data*



ISO 9001

BUREAU VERITAS
Certification



Conceptia

SOFTWARE DEVELOPMENT & ENGINEERING SERVICES

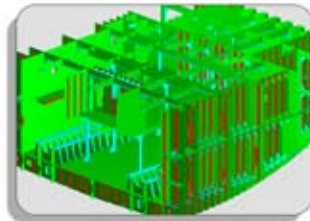
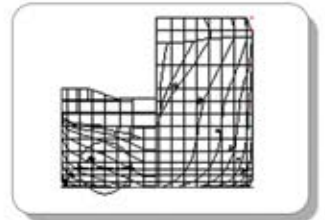
Perfecting Service Practice

Naval Architectural & Marine Engineering Division

Our Naval Architectural & Marine Engineering Division provides technical consultancy for total design and detail engineering of Ships & Oil and Gas platforms.

Basic Design

Basic design including calculating main particulars, powering, stability, structural design including scantling calculation and production of class approved drawings. Material order list is also finalized at this stage.

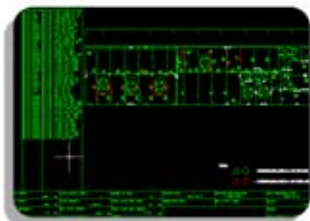


Structural Detail Design

Preparation of block design considering yard lifting capacities, incorporation of standard structural details and welding plan, equipment foundation design. A complete structural 3D model is made for design validation

Production Drawings

Conceptia's team of engineers will dovetail with the yard's production schedule to produce production drawings to suit the workforce in the yard. The drawings produced will be complete with detailed annotations and partlists.



Nesting Plans & NC Cutting data

Nesting plans are prepared with utmost care to ensure that optimum plate utilization is achieved. The scrap rate would be minimised. NC data would be tailored to suit the cutting machine available in the yard if required.

Equipment Layout

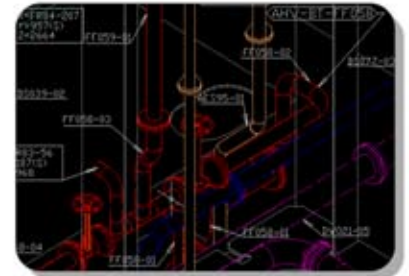
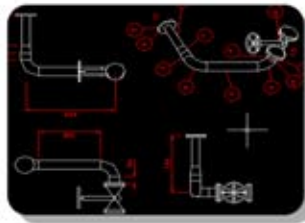
Equipment layout is carried out considering the requirements of ease of operation, maintenance and shipping and unshipping. The equipment installation drawings along with fitting list is produced by the Conceptia team.



Naval Architectural & Marine Engineering Division

Piping arrangement

Piping arrangements are made with utmost care from a maintenance and operation point of view. Flanges are positioned taking care to ensure that spool sizes are optimum and operationally good design.



Pipe Spool Drawings

Fabrication departments are given pipe spools along with fitting lists.

Tests & Trials for Commissioning

Conceptia engineers can assist you for tests, trials and surveys and also help with launching calculations, conducting inclining experiment and sea trials.

Operation & Maintenance, Data Capture & Retrieval System

Conceptia can supply software systems for capturing data for the complete life-cycle of the ship viz design & construction information, Operation and maintenance information. This will be a powerful tool for the owner to get information about his ship very fast and also generate reports for class agencies and regulatory bodies. Defect list can be generated on the fly saving the crew working hours.

Scantling calculations

Production Engineering

Production Inspection

Project Management

Expertise
Summary

Surveys

Tests and Trials

Data Management

Owners representatives

The Conceptia Model of working

Over the past 07 years, Conceptia has been providing outsourcing services for the Ship Design and Design Automation market place using a wide range of tools from the leading CAD vendors including AVEVA, AutoDesk, IBM-Catia, CADWIN etc.

Why ONSITE-OFFSHORE MODEL

Many of Conceptia's Far East, Asian, and Indian customers have successfully adopted the "ONSITE-OFFSHORE MODEL" to sharpen their competitive edge and to dramatically reduce costs. Combined with superior management and core staff, lower costs can be realized without compromising quality or turnaround time.

Value Addition at Conceptia



About Conceptia

Conceptia designs and delivers IT enabled solutions that help engineering companies to win in the race to get their products to market faster. These solutions enable clients to differentiate themselves and gain operational superiority. Conceptia solutions are based on the wealth of information and expertise available to be leveraged by clients.

With Conceptia clients are assured of an efficient business partner with processes that help in delivering on-time always.

For more information, contact us:

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