

Software Technology was utilized extensively in fulfilling the day to day task in our company which includes in the following:

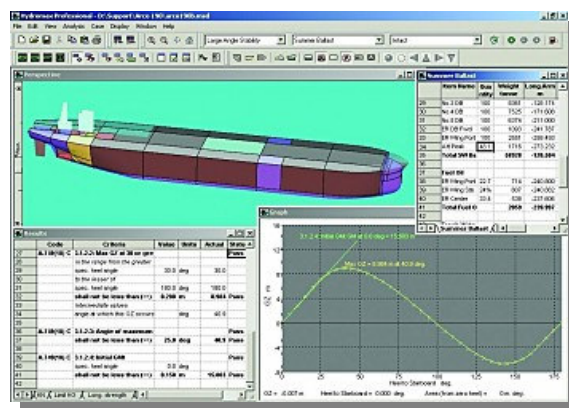
- CAD (Computer Aided Design)**
- CAM (Computer Aided Manufacturing)**
- CAE (Computer Aided Engineering)**

Naval Architecture & Marine Engineering Software

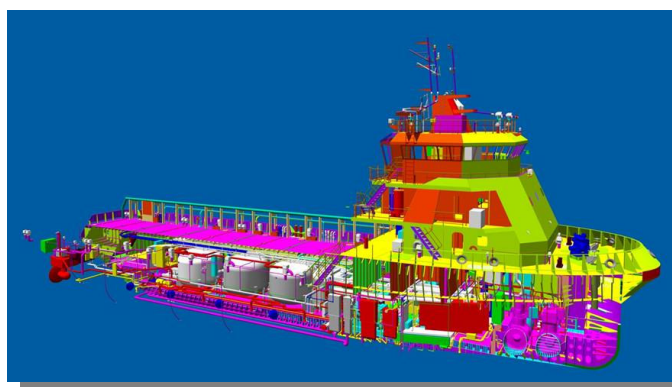


Software: Maxsurf Professional
Company: Formation Design Systems Pty Ltd

Particulars: Maxsurf suite of software systems provide us with a complete range of software tools for all phases of the ship designing, analysis and construction process.



Purpose: Software used to model hull forms, assess stability and strength, predict performance and carry out initial structural definition.



Software: ShipConstructor
Company: ShipConstructor Software Inc
Particulars: ShipConstructor is a world leader in CAD/CAM software for the unique requirements of the shipbuilding and offshore industries. With its AutoCAD platform, ShipConstructor

provides the ideal solution to drive every phase of shipbuilding from super tankers and semi-sub rigs, to world class workboats or luxury yachts.

Purpose: Modules that can manage PDM, hull, structure, pipe, equipment, HVAC, build strategy, plate & profile nesting, NC processing, electrical, weld planning, etc.

Structural Design & Analysis Software

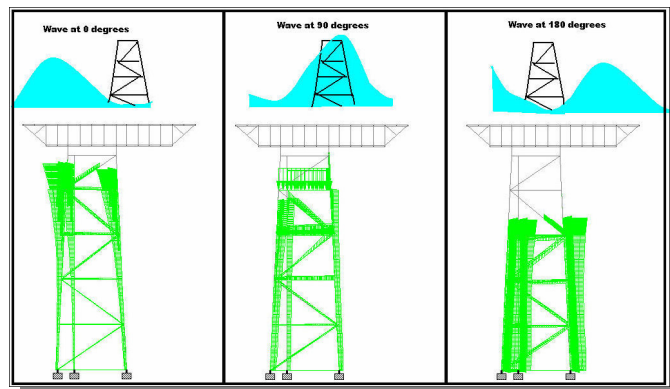


Software: STAAD Offshore

Company: Bentley Systems, Incorporated

Particulars: STAAD Pro is the world's number ONE solution for structural analysis and design! STAAD Pro is the professional's choice for steel, concrete, timber, aluminum structural analysis design for high-rise buildings, bridges, petrochemical plants, oil & gas, and much more.

Purpose: Full range of offshore load generation capability including wave and transport load generation, which can be used in STAAD Pro for analysis, including static, P-delta, pushover, response spectrum, time history, cable (linear and non-linear), buckling and steel and concrete design.

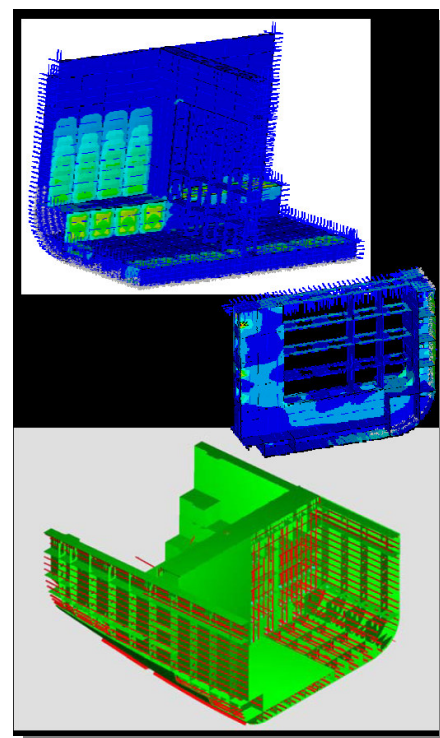


Software: ANSYS.

Company: ANSYS Inc.

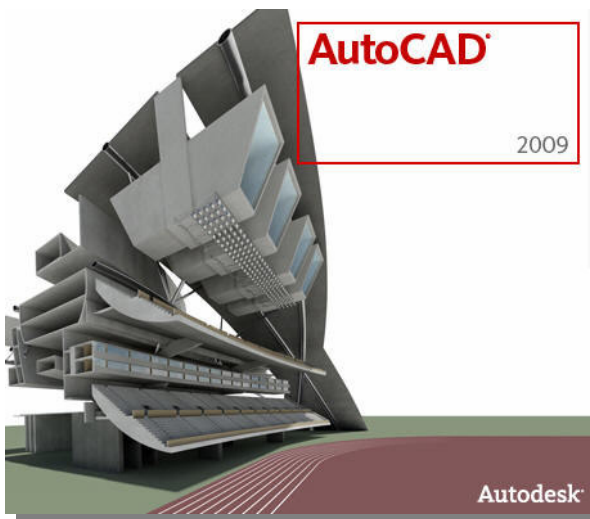
Particulars: ANSYS is general purpose finite element modeling and analysis software that can be used to analyze complex problems in mechanical structures, thermal processes, computational fluid dynamics, magnetic, electrical fields.

Purpose: Ansys professional product is being used to analyze the vibration characteristics of the ships, structural stress patterns occurred at the global and local part of ships and thermal stress distribution occurred in tank structures because of thermal loads.



General Engineering & 3D Rendering Software

Autodesk®



Software: AutoCad

Company: Autodesk, Inc.

Particulars: AutoCAD is the 2D drafting and detailing and 3D design tool providing native DWG compatibility and also integrates new and enhanced productivity tools, presentation graphics, CAD standards.

Purpose: Basic graphics for the whole design of the vessel and offshore structure detailing.

Autodesk®

Software: 3D Studio Max

Company: Autodesk, Inc.

Particulars: This full-featured 3D modeling, animation, and rendering solution is used to produce top-selling games and award-winning film and video content. Enhanced



toolsets let you create your 3D environment the way you want, manage complex scenes, and take advantage of improved software interoperability and pipeline-integration support.

Purpose: Create stunning 3D models in less time with Autodesk® 3ds Max® software.