AVEVA Marine Overview

Gerard Klok
EMSHIP 2-3 December 2010

AVEVA Marine: A unique track record

- 500+ shipyards and design agents
- 85% of the world’s top 50 shipbuilders
- Proven over 30 years on thousands of projects
- Evolutionary, continual development
- Object-based throughout
- Secures your information investment
- Technically and operationally the best in class

AVEVA Marine – Sectors

- FPSOs
- PAPER & PULP
- Containers
- FPSOs
- Naval
- Surface
- Submarine
- Cruise Liners
- Commercial Ships
- Offshore Platforms

AVEVA Marine – what’s in the box

AVEVA Initial Design

- AVEVA P&ID Manager
- AVEVA Instrumentation
- AVEVA Schematic 3D Integrator
- Interfaces to 3rd-party Design Analysis tools

AVEVA Hull Structural Design

- AVEVA Hull Detailed Design
- AVEVA Outfitting
- Multi-Discipline Supports
- Cable Design
- Room Design
- Laser Model Interface
- Pipe Stress Interface
Most productive 3D Hull design

AVEVA Hull Structural Design

For preliminary definition of geometry and structure

- Classification drawings
- Material estimates
- Weld lengths
- Weight and centres of gravity
- Support for XML-based interfaces to classification societies’ software for checking and analysis
- Full integration with AVEVA Initial Design data

Automatic, Accurate Production Information

AVEVA Assembly Planning

- Define your build strategy
- Create hull & Outfit production information

Design Management

AVEVA Marine – Life Cycle Management
The Information Hub

- Centralised information management hub
- Secure repository
- Collaboration environment

- A platform for customised solutions
- An engine for workflow

Seamless Integration

For Ship Operators

For Ship Designers and Builders

AVEVA NET – Information Handling

- Vendor Neutral - Access ALL project information from ANY other system:
  - Drawings, diagrams and sketches
  - Planning information
  - Material lists
  - Reports, manuals, certificates
  - Maintenance and operating data
  - Safety Training
  - …..

Vendor Neutral - Access ALL project information from ANY other system:

AVEVA NET – Information Handling

AVEVA NET – Information Handling

AVEVA NET – Information Handling

AVEVA NET – Information Handling

Applying AVEVA NET to the Shipbuilding industry

Integrated project execution portal

Pilot project Integral Cooperation

Pilot project Integral Cooperation