

KORTELS

COMPANY PROFILE

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Our Philosophy

KORTELS is your innovation partner, as specialized solution provider, for and by engineers. With over 20 years of experience in the market KORTELS has served many shipyards, specialized production companies and research institutes with contract management, providing 3D measurement and engineering solutions to optimize the production process and delivery of high value assets.

Key Values

1 Innovation

We continuously implement new technologies and working methods to challenge yesterday's way of working for a better future

2 Digitalisation

Using the newest hardware and software to gather and log relevant data to enhance quality of work and optimize the supply chain

3 Collaboration

Our engineers are key in delivering succesful solutions together with our clients and partners. Together we build a better future

Your **turn-key engineering**
partner for maritime
solutions.

Organization



Area of operation



- Head office
Scheepswerf 1
5256 PL Heusden
The Netherlands

Company Services

SOLUTIONS

Divisions

KORTELS
— MARITIME MEASUREMENTS —

Scanning
Point Clouds
Production support

KORTELS
— MARITIME ENGINEERING —

Naval architecture
Mechanical engineering
Interior engineering

KORTELS
— BIM ENGINEERING —

Revit & Scia
Steelstructures
Scan & Collision

ACTIVITIES

Divisions

KORTELS — MEASURING SOLUTION —

Sokkia Hardware
GLM Software
Service & Training

KORTELS — ACADEMY —

Training
ILS programs
Tutorials

KORTELS — MARITIME PROJECT MANAGEMENT —

Refit Management
New Building Management

KORTELS — SHIPBUILDING SOLUTIONS —

Shipyard development
Sustainable vessels
Complex 3D printing

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MARITIME MEASUREMENTS

Why

- Prefabrication;
- Short working hours on board;
- Reduction of failure costs;
- Risk management.

How

- Sokkia;
- Measurement accuracy;
- Our people have 20+ years of experience;
- Improve & optimize.

References

- 3D measuring;
- 3D elaboration



Y719 Oceanco



1001 De Vries



Here comes the sun, Amels refit

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MARITIME PROJECT MANAGEMENT

Why

Independent yacht building knowledge and experience;

Extensive network, suppliers and contractors.

How

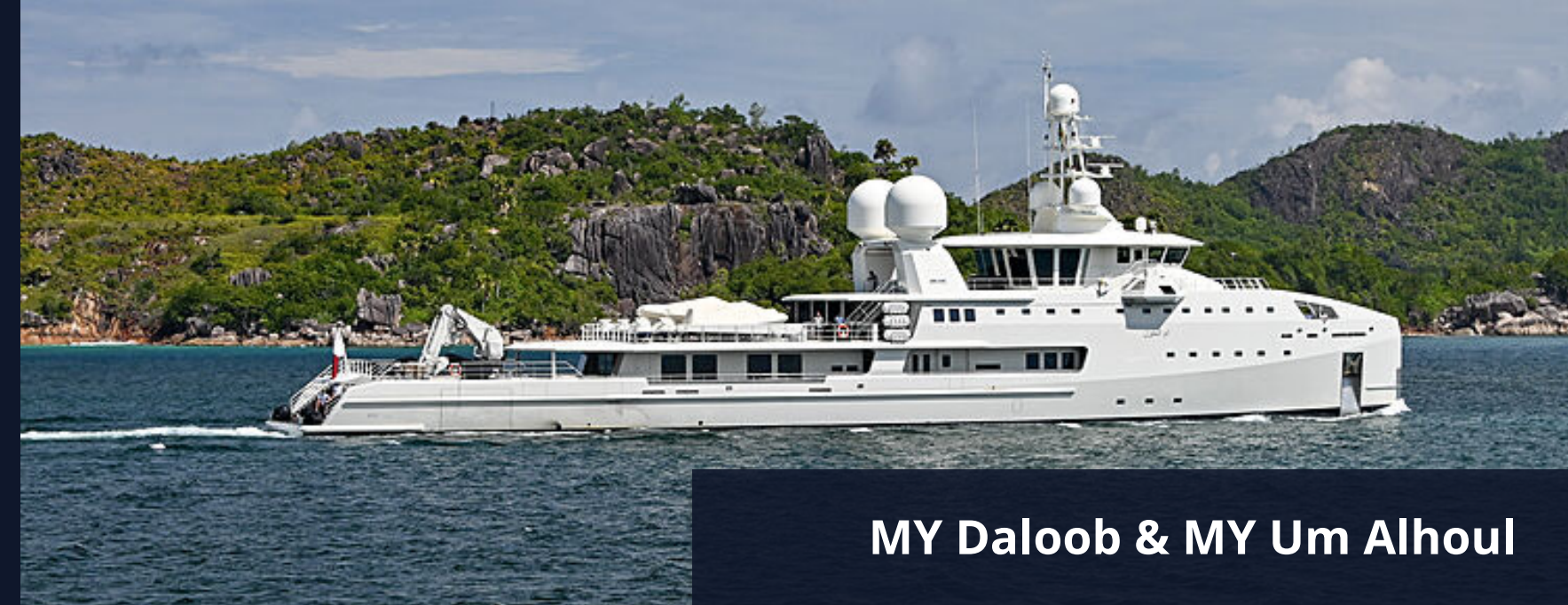
Project contract management;

Client representative;

Representing shipyards.

References

- Project management



MY Dalooob & MY Um Alhoul

- Refit management
- Qatar / NDSQ



MY Constellation

- Building & delivery of 15 vessels



15 vessels Hamad Port Project

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SHIPBUILDING SOLUTIONS

Why

Sustainable vessels

Circular production flow

Efficiency & manage risk

How

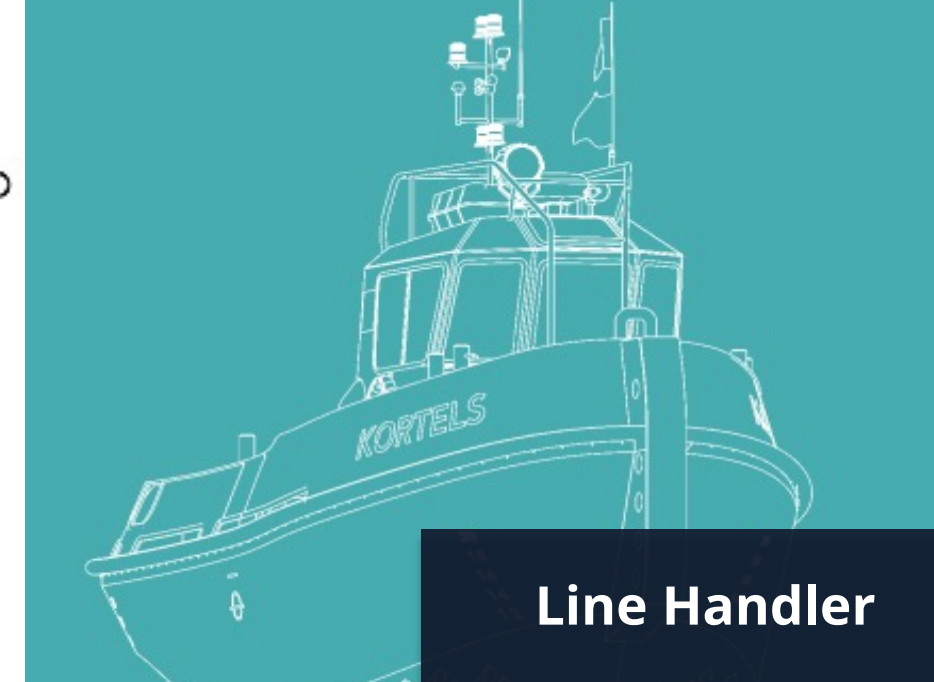
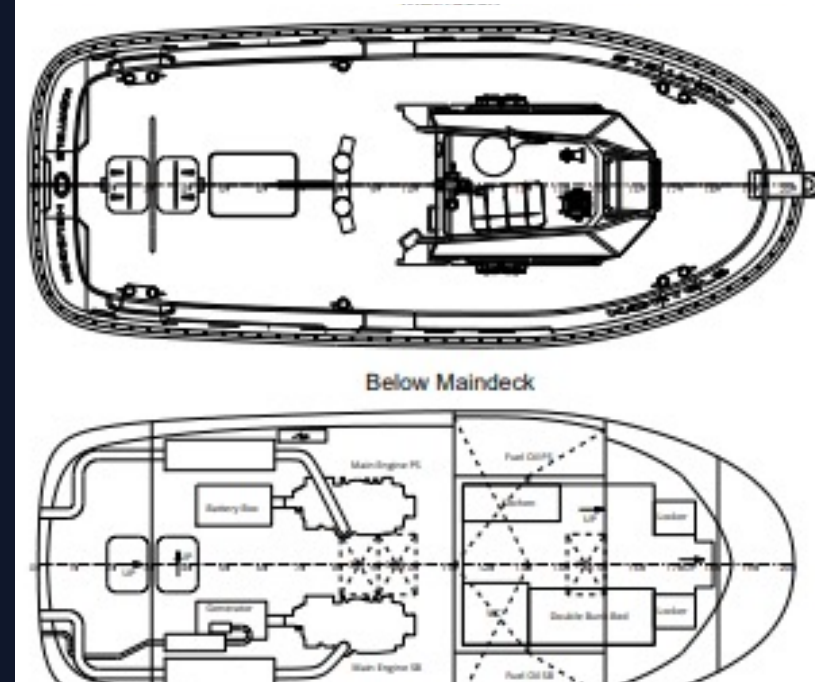
New designs and building strategies

3D printing / 3D engineering / 3D scanning

Integration of activities

References

- Basic design & building strategy



Line Handler

- 3D printing & product delivery complex shapes



Complex shapes

- Exterior detailing prefab



Exterior Ceilings

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MARITIME ENGINEERING

Why

Office in the Netherlands;

Global experience;

Single point of contact;

Manufacturability;

Secure environment;

Software independent!

How

Elevation drawings (1:20) > Plan drawings > Workshop drawings;

Autocad 2D & 3D, TopSolid' Wood, Inventor, Spaceclaim,

Rhinoceros 3D, Solid Edge, Revit & SketchUp;

High end hydrodynamics analysis;

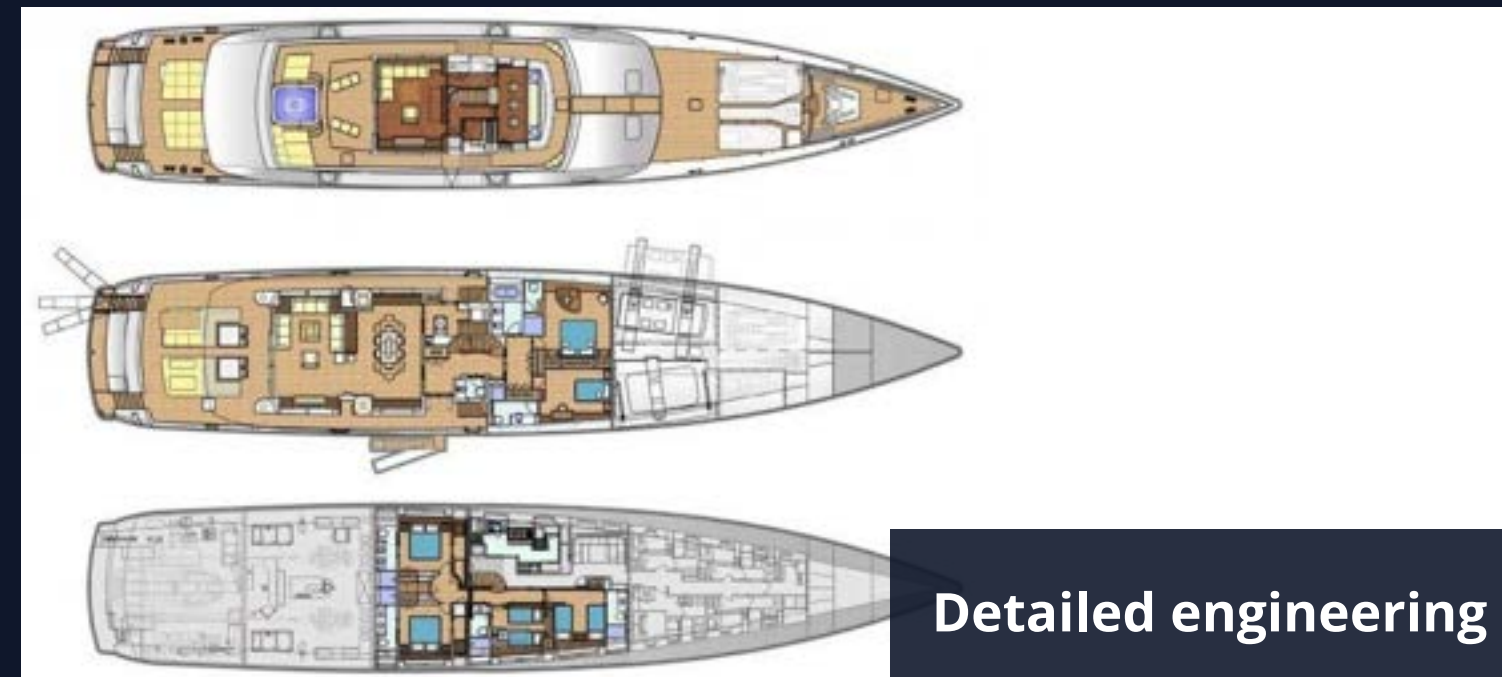
Support for interior design and polar design;

References

- Full design development (concept, tender and basic)
- Troubleshooting and support during construction;
- Sea trials for delivery



Cruise Vessel / Luxury Expedition Vessel



Detailed engineering

- Engineering beach club
- TopSolidWood 3D to CAM



777 Amels

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BIM ENGINEERING

Why

Integration engineering and construction

Live information on site

Shorter delivery times

Prefabrication and stock management

How

3D Autodesk revit

Direct connection with SCIA

Engineering from libraries

Collision forecast during construction by scanning

References

- Scaffolding design for offshore jackets



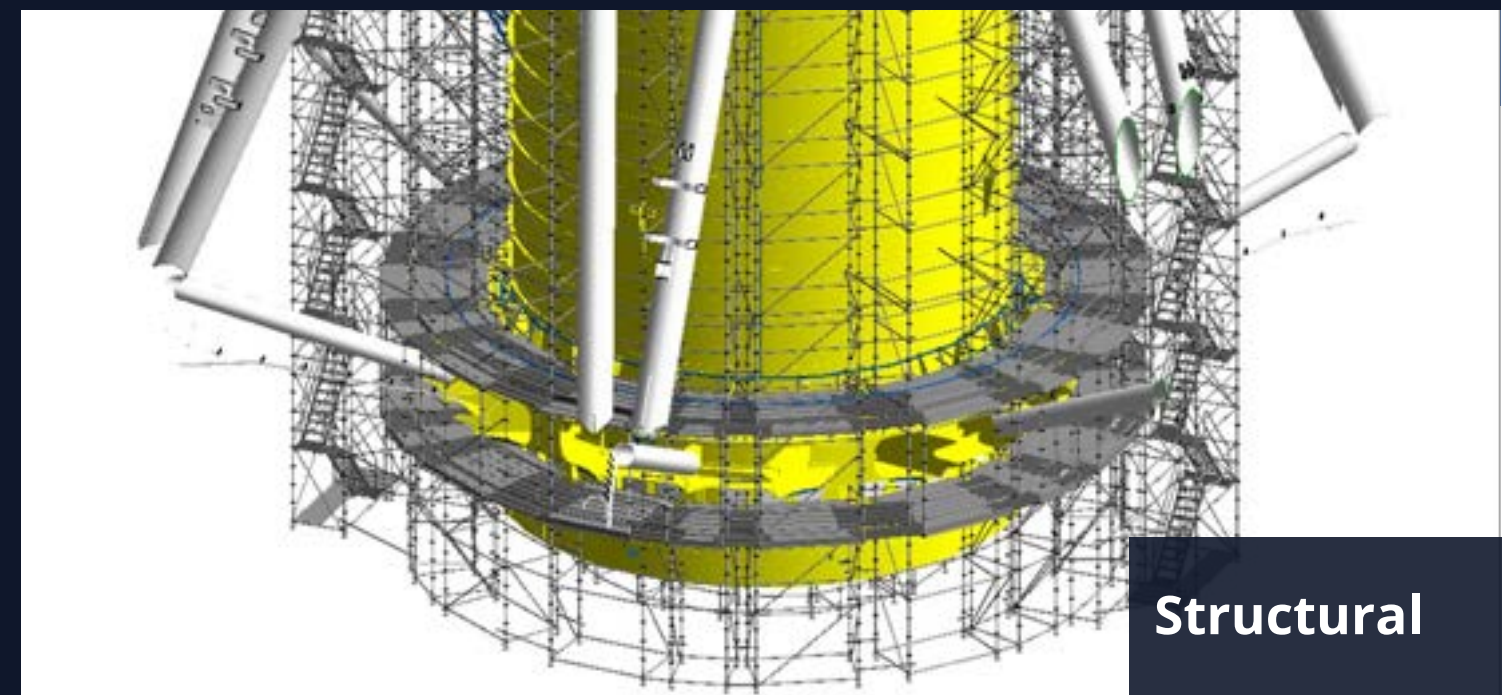
Jacket

- Structural calculations
- Revit & Scia



Jacket

- 3D design



Structural

KORTEIS

MEASURING SOLUTION

Why

Work proces optimization;

Cost savings in proces;

More precise data & workflow management;

How

Premium Dealer of Sokkia;

Business partner Topcon

Complete Measurement Solutions for Surveying

A turn-key solution, from hardware to software to deployment

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ACADEMY

Why

Share knowledge

Fuel innovation

Develop talent

How

Training programs

ILS programs

Graduation & internships

Traineeships

Clients

LÜRSEN

MOONEN
YACHTS



DAMEN

oceAnco

DAMEN
yachting



VAN DER VALK
SHIPYARD

ROYAL
VAN LENT
SHIPYARD

KONINKLIJKE
DE VRIES
SCHEEPSBOUW

CMN

MULDER
YACHTBUILDERS SINCE 1938

ROYAL HUISMAN

KORTELS

Partners



Thank you.

We are looking forward to working with you.



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