

No eNginEerS  
no fuTure!



## Supporting heavy lifting operations worldwide

Self-propelling Heavy lift Crane Vessel increases chances of operator for winning projects in competitive Offshore market.

Detail design of both the complete outfitting and the piping systems.

*"It was an enormous amount of work that came our way. I am proud that my colleagues and I have achieved this." W.A. (Project Engineer MULTI.engineering)*



**THE TECHNOLOGY INNOVATOR.**

### CLIENT

- Developing, designing and building ships and equipment for the dredging and offshore industry,
- Approx. 3000 employees
- 39 facilities worldwide
- Turnover approx. € 900 mln./year (2018)
- 150 projects >€ 50 mln. since 2000
- 2350 projects <€ 50 mln. since 2000

### ASSIGNMENT

Engineering for the disciplines Machinery and Piping (M&P) and Outfitting (SB).

### LOCATION

MULTI.engineering Offices Temse and Vlissingen.

### MULTI.engineering SERVICES

Development of all machinery arrangement drawings | Development of outfitting drawings.

### ADDED VALUE

Experience and knowledge at MULTI.engineering ensures that a very large amount of work can be done in a relatively short time frame.



## MULTI.engineering supports with engineering team

IHC awarded the detail design of both the complete outfitting and the piping systems of their newbuilt nr. YN736, project name "Rambiz 4000" to MULTI.engineering. These design works have been executed in NUPAS-CADMATIC 3D design software. The project was assigned mid of 2015 and during 12 months 24 000 engineers hours in total have been performed with a resource capacity peaking to 15 project experts at some moments.

The vessel has been delivered by the end of 2016. She was named "Gulliver" and will be operated by Messrs SCALDIS SMC, a joint-venture company of Jan De Nul, DEME, Herbosch-Kiere and De Cloedt & Zn.

*"The collaboration with the engineering team of MULTI.engineering went very well. By tackling challenges immediately, we have managed to keep the momentum in the project."*

### FACTS & FIGURES

- Vessel's name: Gulliver
- Self-propelled heavy lift crane vessel
- Owner: Messrs SCALDIS SMC
- Delivery year: 2016
- Length: 108m
- Hoisting capacity: 4,000t

### PRINCE 2

Our Project Management Methodology is based on PRINCE2 which stands for Projects IN Controlled Environments, version 2.

PRINCE2 is all about best practices. After all, every project is different, the method offers something to hold on to. A number of principles, themes and processes recur with every project, but the interpretation can vary. The focus is on experience and drawing lessons from earlier projects or project phases. Our methodology is laid down in our our Project Management Manual (PMM).

### PROJECT ENGINEERING TASKS

- Development of all machinery arrangement drawings
- Development of outfitting drawings

## Why MULTI?

MULTI.engineering has more than 20 years of experience in the field of basic and detail design with regards to the development of Dredgers. Focus areas are construction, piping and mechanical. This enables us to properly understand the Client's expectations.



#### ABOUT MULTI.engineering

- Maritime concept-, basic- and detail design
- Fleet Operational Support Services
- Approx. 110 maritime experts on board
- > 150 projects / year
- 6 facilities in Europe

#### CONTACT US

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