



## Refit of a historic luxury yacht

Restoring grandeur and elegance to their original splendor

After years of neglect, the new owner of the SS Delphine committed to a comprehensive restoration, meticulously returning the yacht to its original state as it was in 1921.

### SPECIFICATIONS AND CHALLENGES

The refit project was an intense process due to the poor condition of the ship and a lack of existing construction drawings. Moreover, the superstructure had to be redone completely. The MULTI.engineering team was working at the yard to take measurements on board to be sure that their design would fit reality. Old techniques such as the use of rivets made the refit challenging.



**CLIENT**  
Owner



**SCOPE**  
Refit of a historic luxury yacht



**LOCATION**  
MULTI.engineering Office Temse  
& Port of Zeebrugge



**ADDED-VALUE MULTI.ENGINEERING**  
Comprehensive engineering package  
Expertise in engineering for cruise ships

**NO ENGINEERS, NO FUTURE !**



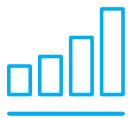
## RESULT

The vessel was stripped down to its steel framework. Subsequently, steel restorations followed, as well as interior refurbishments and equipment upgrades. Notably, while the original steam engine was retained, the ship was also modernized with the installation of an ultra-fog sprinkler system.

## ADDED-VALUE MULTI.ENGINEERING

MULTI.engineering provided a comprehensive engineering package for this extensive refit project. This package encompassed fundamental structural and piping engineering, safety plans required by class standards, equipment layout designs, and more. Additionally, MULTI.engineering offered on-site support at the yard throughout the duration of the refit.

This was not the first time that MULTI.engineering participated in a more traditional shipbuilding project. Previously, our expertise was also sought for the sailing cruise ships Star Clipper and the Royal Clipper.



## FACTS & FIGURES

The SS Delphine was constructed in 1921 for the Dodge family, famous for their automobile manufacturing. It was a 75-meter private yacht with steam propulsion. In 1926, the vessel suffered a devastating fire and capsizing. During the 1940s, it underwent a transformation into a warship. However, it fell into neglect in the 1980s. A new chapter began in 1997 when a new owner acquired the yacht, finding it extensively looted and in a state of significant decay. He decided to restore its former grandeur.



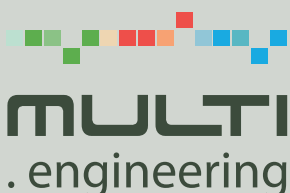
### SERVICES PROVIDED

- Basic design
- Newbuilding supervision



### TOOLS

- Autocad



MULTI.engineering is an engineering company. We support customers' success by offering flexible engineering solutions. We have Offices in Temse (BE), Vlissingen (NL), Zwijndrecht (NL), Delft (NL) and Komarno (SK). Working with us is always a great experience!

### CONTACT US

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