



# AFLOAT REPAIRS



## Multiple Projects Completed On Board Cruise Vessel

### Overview:

A highly skilled team of 38 specialists were selected to complete a series of projects for Columbia Cruise Services' passenger vessel. Columbia Cruise Services had a wide range of work requests, therefore CTS prepared an extensive strategy in order to complete all the project tasks on time and to ensure that everything suited their needs. The team consisted of naval architects, class approved welders, electricians and tank cleaners. The CTS team spent a total of 23 days on board the dry-docked ship.

### Scope of Works:

- Turnkey installation of Alfa Laval 3.1 Compact Flex BWTS including scanning, design and engineering works.
- Fuel oil tank cleaning.
- Funnel reinstatement: two tons of steel fully restored the original specs.
- Low-level location lighting replaced for all passenger and crew areas.

### Result:

The project was completed successfully and on schedule despite the constraints of working within the confined space of the vessel and the lack of drawings available. The team also experienced a challenge when it came to integrating the ballast water treatment plant with the on-board automation system. However, through thorough planning and strong communication between parties, the job was finished with outstanding craftsmanship and exceeded the client's expectations.

**CLIENT:** Columbia Cruise Services

**VESSEL:** Cruise Vessel

**DATE:** Nov-Dec 2019

**LOCATION:** Cadiz, Spain

**11,470**  
MANHOURS

**38**  
PERSONNEL

**23**  
DAYS

**0**  
ACCIDENTS

### Client Feedback:

*"Excellent job. The crew was disciplined, professional and ensured that all the jobs were completed on time and up to standard. Quality work, we would recommend CTS Offshore and Marine for future projects."*

- Technical Superintendent