



Water disinfection of board of the ships.

Water disinfection with Envirolyte ELA-400ANW installation on M/S Regal Star, Tallink Group



Regal Star sails several times a week between Estonia and Sweden. Ro-Ro cargo vessel for cargo transportation.

Year of completion: 1999; renovated: 2004

Length over all: 156.6 m

Breadth: 23.8 m

Engines: 2 x 4,350 kW

Speed: 15.5 knots

Ice Class: 1 A

Decks: 9

Passengers: 80
Passenger cabins: 38
Lane meters: 2087 lm

The fresh water tank is approximately 60 m³.

Installed Unit: Envirolyte ELA-400ANW, capacity 40 L of Anolyte/ hour .

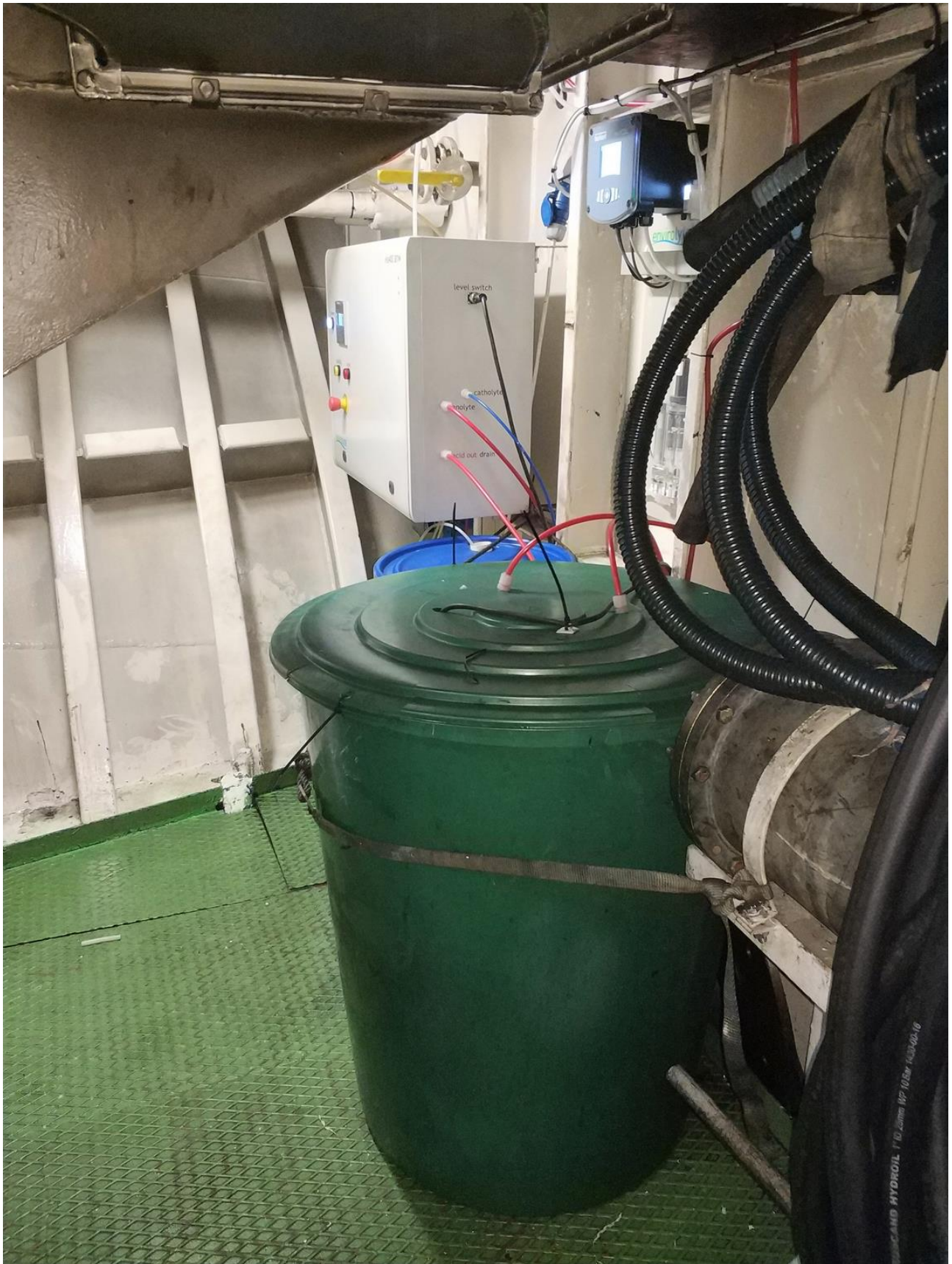
Dosing ratio: 1 L of anolyte per 1000 L of intake water.

Dosing point: in the intake water pipe.

Installation



Envirolyte ELA-400ANW anolyte generator on board of M/S Regal Star



General view of Envirolite ELA - 400ANW installation

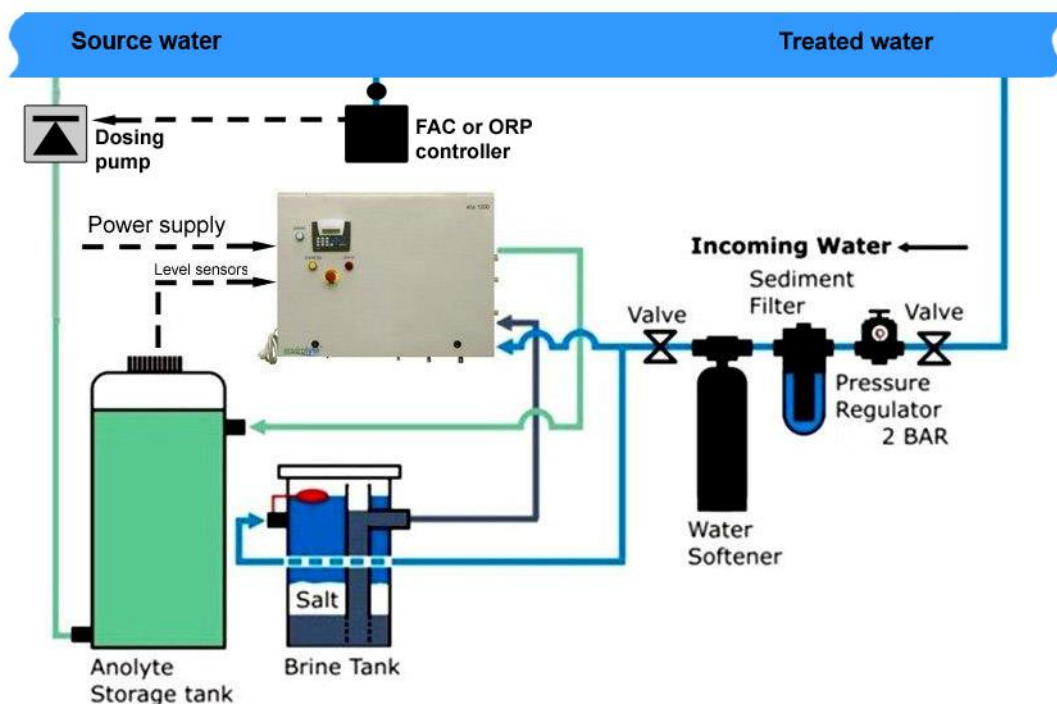


Dosing control panel with chlorine probe and controller for ELA-400ANW



Dosing controller with water treatment data

Below can be seen a schematic of the systems layout



The Envirolyte ELA-400ANW installation was accomplished by Envirolyte team in November 2019 in Tallinn.