



Water disinfection of board of the ships.

Water disinfection using an Envirolyte ELA-400 anolyte generator on M/S Silja Europe of Tallink Group

MS Silja Europa, owned and operated by Tallink, is one of the largest cruiseferries in the world. It was built at Meyer Werft in Papenburg, Germany for the ferry operator Rederi AB Slite, a part of Viking Line. Main architect was Per Dockson, Sweden.



M/S Silja Europe

Length:202m

Construction started: November 6, 1991

Speed: 21.5 knots (39.8 km/h; 24.7 mph)

Capacity: 3,013 passengers; 3,644 passenger beds; 400 vehicles (932 lane meters)

Yard number: 627

Ice class: 1 A Super

Silja Europa – the biggest and most beautiful cruise ship on the Baltic sails between Helsinki and Tallinn.

The fresh water tank is approximately 270 m³. Daily water consumption is up to 150 m³.

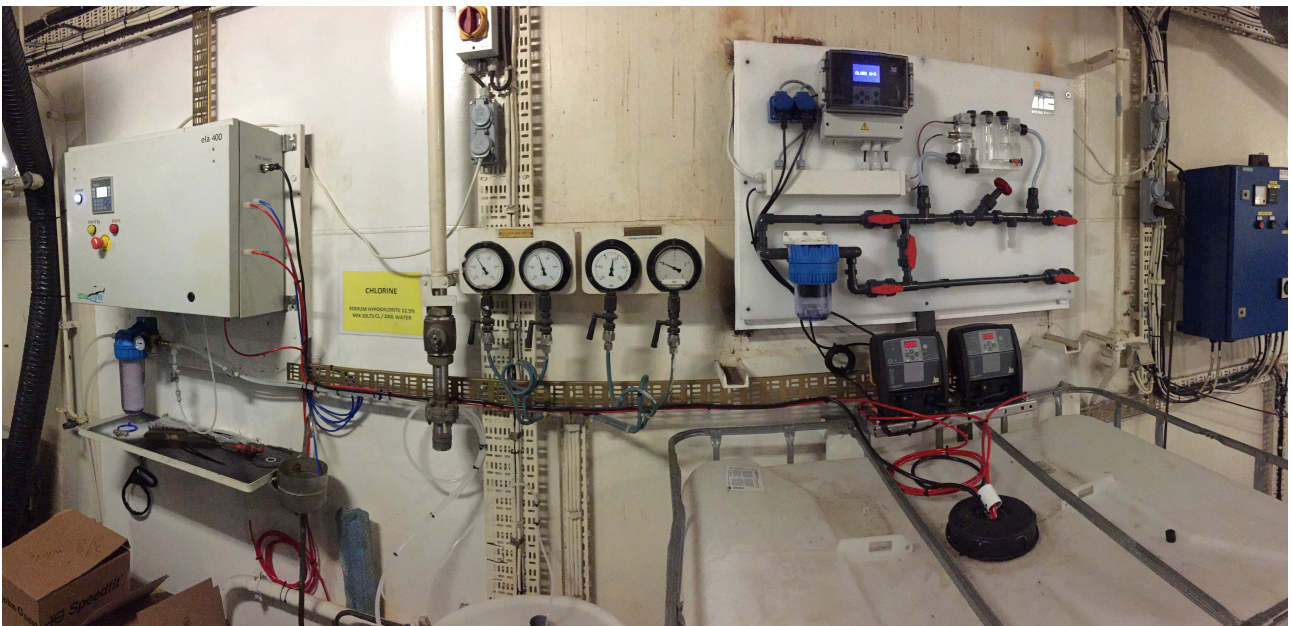
**The accepted bacteria count : Less than 1 CfU / 100 ml.
(In practice = 0 CfU / 100 ml)**

Installed Unit: Envirolite ELA-400, capacity 40 L of Anolyte/ hour

Installation



Enviolyte ELA-400 anolyte generator with anolyte storage tank



Dosing control panel for ELA-400



General view of ELA-400 with anolyte storage tank

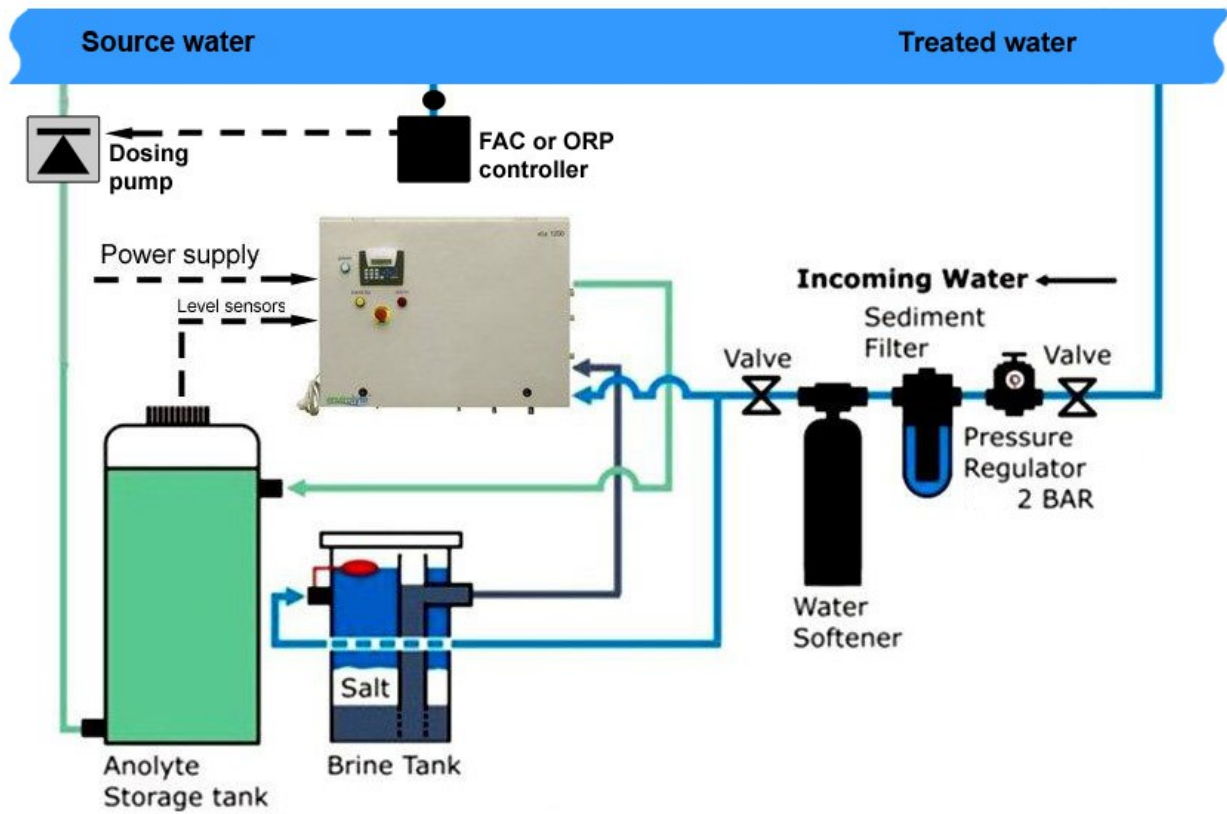


Brine tank for ELA-400



Analyte storage tank for ELA-400

Below can be seen a schematic of the systems layout



The EnvirolYTE ELA-400 installation was accomplished by EnvirolYTE distributor in Sweden - EnvirolYTE Technology AB (www.envirolYTE.se)