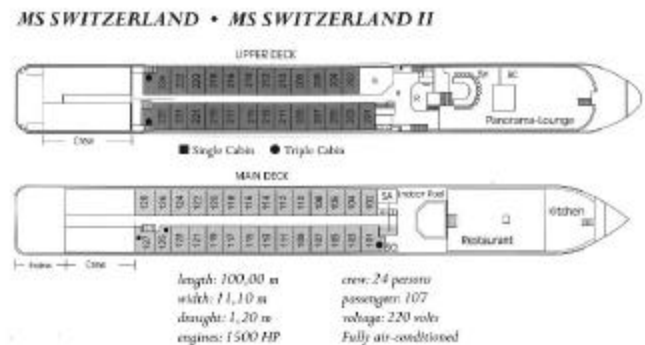


## Report of experiments on the prevention and removal of scale by using "**Scalewatcher**<sup>TM</sup>".

### The Company

Scylla Tours is a High Quality River Cruise company, which organizes luxury cruises throughout Europe, taking people along Europe's most beautiful waterways like the rivers Rhine, Donau and Po. The company is famous for offering their guests very high quality service. Further it is company policy to work on the ships in the most environmentally friendly way.



### The problem

Since quite some time the company has been searching for non-hostile methods of removing scale build-up in the cabins and kitchens, which so far had to be cleaned with chemicals. Earlier tests with magnets and other scale removing equipment hardly had any result.



Before

### The solution

In June 1997 in cooperation with Mr. R. Reitsma a test was being carried out aboard m.s. "Switzerland"  
Three **Scalewatchers**<sup>TM</sup> were installed:

- A Marine unit with two outputs on the main feed pipe in order to protect the front as well as the the back of the ship.
- A Marine unit on the cold water feed pipe to the boilers.
- A Commercial CM2 on the cold water pipe to the kitchen, where the steam oven and dishwasher needed special care.

Evaluation after two months showed that the general condition of pipes and equipment had improved significantly and that cleaning had become considerably easier. The results were most obvious in the kitchen; in the boilers a lot of old scale build-up had become loose and could easily be removed. Also the steam oven suffered less of hard scale.



Installation



After

### Conclusion

The remarkable improvements made Scylla Tours' Mr. Reitsma decide to immediately install **Scalewatchers**<sup>™</sup> on the new cruiser that is being built at the shipyard and to furnish all the other ships with similar equipment during their usual maintenance.

### Source

Scalewatcher NL BV, The Netherlands