

Hydrosmart

19<sup>th</sup> September, 1999.

As a Chief Engineer on a 140,000 ton Ship, I am happy to report the findings following the trial using HYDROSMART Water Conditioners on our water supplies on the ship.

The Hydrosmart units were fitted on the supply line before the Cuno filters for the domestic fresh water and the drinking water supply lines.

The units proved to be very successful treating the bank of eighteen filters which we would normally change every 3 months. After fitting the Hydrosmart units we have more than doubled the length of time between service and replacement of the filters and their cartridges. We have added a backflushing system to add further life to the filters to clear any fine scale which has been removed by the Hydrosmart units and not passed through the filter. This will be a great saving in time and money to the operations of the ship.

We look forward to further trials on other areas of the ship, particularly in the boiler feeds and main engine cooling system.

Yours sincerely,

Graham Dudgeon

Chief Engineer  
MV Iron Spencer