

Going Green and No More Fees for Pumping Bilges

Tampa, FL – 2007/2008

Yacht StarShip Dining Cruises, an environmentally conscience dinner cruise line operating in the Ports of Tampa and Boston, is going green. They suspended their monthly commercial bilge pumping program in February 2008 and have not paid to have bilge water pumped from their vessels since implementing the C.I.Agent® Bilge Maintenance Program.

By eliminating the twice a month visits of the diesel powered vacuum truck used to pump their bilges, Yacht StarShip Dining Cruises is reducing their carbon footprint while saving money.

The C.I.Agent® Bilge Maintenance Program is simple, efficient, and cost effective. It starts with cleaning the bilge and removing hydrocarbon pollutants (sheen, diesel, hydraulic gear and transmission oils) from the surface of the water. C.I.Agent® Granules, a hydrocarbon solidifier, are added to the oily water and agitated until all of the hydrocarbons have been encapsulated by the solidifier. The solidified hydrocarbons are removed from the surface with a swimming pool skimmer. The remaining water is pumped off of the vessel through a C.I.Agent® De-watering Bag, which collects loose granules and other particules.

Once the bilge has been cleaned, C.I.Agent® Bilge Pillows are deployed in the bilge to capture future hydrocarbons as the daily drips and drops occur; maintaining an oil free bilge. When the bilge water reaches a level requiring it to be pumped off the vessel, the C.I.Agent® De-watering Bag is used again. C.I.Agent® De-watering Bags can be re-used until the flow becomes restricted.



A hose transports the vessel's bilge water through a C.I.Agent® De-watering Bag, which captures the hydrocarbons and allows the cleaned water to flow through.

C.I.Agent® Cost Comparison

The volume of water being pumped is from wash down of voids consisting of engine room, bow thruster room, dry storage room as part of the vessel's routine monthly maintenance program and also the galley after daily cruises, not from leaks in the vessel.

C.I.Agent® Bilge Maintenance Program

2/2008 to 11/2008 (9 months)
10,263 gallons
3 - C.I.Agent® De-watering Bags = \$ 571.40
1 - Pail C.I.Agent® Granules = \$ 206.20
1 - Case C.I.Agent® Bilge Pillows = \$ 275.00

\$1,052.60

Average cost per month \$ 116.96

Commercial Pumping Contractor

1/2007 to 2/2008 (13 months)
17,679 gallons
\$ 0.61 per gallon

\$10,784.19

\$829.55 Average cost per month

Benefit Summary: There are two additional vessels owned and operated by Yacht StarShip Dining Cruises also using the C.I.Agent® Bilge Maintenance Program and enjoying similar savings. Estimated annual savings per boat exceeds \$8,500.00. Total annual savings of over \$25,500.00.