

## Educational Tour Opportunities -- Wednesday, August 31, 2011

### **Red Tour: Sustainable Ports and Green Ships** (Tour is limited to 30 people)

**Distance:**

Hotel to Masonville: 10 miles  
Masonville to Barge: 10 miles  
Barge to Hotel: 10 miles

**Itinerary:**

13:00 Depart Hotel (box lunches provided)  
14:00 Masonville Dredge Spoil Restoration Area  
15:30 Depart for Ballast Treatment Experiment Station (Barge)  
18:00 Depart Barge  
19:00 Arrive Hotel

**Description:**

Like most ports in estuarine waters, the Port of Baltimore and its shipping lanes require regular dredging. Maryland has been at the forefront of identifying beneficial uses of clean dredged material. The material has been used to rebuild eroded land including the rebuilding of islands. Masonville Cove is an example of rebuilding land and giving the local community access to waterfront it has not had in over 70 years. A highly energy efficient education and community center has been built on the site where educational programs are regularly held. Other lands have been turned into a park. The Masonville model is widely touted as an example of how dredged material can enhance an entire community.



The Maritime Environmental Resource Center (MERC) is an initiative that provides test facilities, expertise, information, and decision tools to address key environmental issues facing the international maritime industry. The primary focus is to evaluate the mechanical an biological efficacy, costs, and logistical aspects of ballast water treatment systems and management approaches. A ship as well as a barge have been retrofitted to be used as a ballast water treatment experimental station. The evaluation of this research is key to understanding how best to reduce the potential for introduced species and their impacts.



**Recommended Clothing:**

Casual – shorts are acceptable

**Food provided:**

Box Lunch, water and snacks

**Cost of Tour:**

**\$65.00 per person**

*Tours includes transportation to the tour site, a boxed lunch, snacks for the bus and any applicable admission fees. Any shopping or additional meal activities offered are on your own.*

**For Questions about the Tour Site, Contact:**

**Tour leader contact info:** Mario Tamburri  
Email: [tamburri@umces.edu](mailto:tamburri@umces.edu)

**On Site:**

**Masonville:**  
George Chmael ([gchmael@mac.com](mailto:gchmael@mac.com)); (410) 991-0244  
**Barge:**  
Mario Tamburri ([tamburri@umces.edu](mailto:tamburri@umces.edu)); (443) 975-1333

**Websites:**

**Masonville:**  
[www.masonvillecove.org/pages/site\\_pages/our\\_history.html](http://www.masonvillecove.org/pages/site_pages/our_history.html)  
**Barge:** [www.maritime-enviro.org](http://www.maritime-enviro.org)