Ballast Water Treatment (BWT)

Mission Need: Verify that ballast water treatment systems meet discharge standards.

Project Objectives:
- Develop a test protocol for shore-based tests of BWT systems.
- Conduct inter-comparison of shore-based test facilities.
- Develop automated methods to standardize analysis of samples with very low concentrations of organisms.

Sponsor: CG-5PS
Stakeholder(s): GLRI, DOT (VOLPE)

Key Milestone / Deliverable Schedule:
Project Start .................................................. 30 May 08 ✓
Begin Test Facility Equipment Testing ...................... 10 Jan 11 ✓
Conclude Test Facility Equipment Testing ............... 8 Aug 11 ✓
Revised Protocol for Zooplankton Automated Analysis .................................................. 14 Nov 11 ✓
Protocol for Automated Protist Analysis .............. 8 Dec 11 ✓
Automated Protist Analysis of Complex Samples:
- Recent Investigations Using Motion and Thresholding .................................................. 13 Jan 12 ✓
- Intercomparison of U.S. Ballast Water Test Facilities - Final Report .................. 29 Nov 12 ✓
- Indep. Assess. of MERC BW Test Facility .............. 6 Dec 12 ✓
Project End .................................................. Mar 13

Project #: 4101
Tier: 2

Expected Benefit:
Influence international standards

Notes:

Indicates RDC product.