

DEPARTMENT OF TRANSPORTATION
MARITIME ADMINISTRATION
COOPERATIVE AGREEMENT

PROJECT NUMBER: DTMA1H10003

MODIFICATION: 0002

TITLE: Phase III – Establish Test Platform for ETV Testing

FUNDING DATA: 70101750PE 2010 1PRE000EAC 0000141004 25305 61006600 11N10359 -
\$300,000.00

RECIPIENT NAME AND ADDRESS: University of Maryland Center for Environmental Science
Office of Research, Administration & Advancement
P.O. Box 775
Cambridge, MD 21613

AGENCY NAME AND ADDRESS: DOT/Maritime Administration
Office of Acquisition, MAR-380
1200 New Jersey Avenue, S.E. - W28/201
Washington, DC 20590

MODIFICATION AUTHORITY: Changes

DESCRIPTION:

This modification is being issued to provide additional funding for Phase III to Establish Test Platform for ETV Testing and to complete Phase IV modifications to the barge-based ballast water platform. (See attached)

All other terms and conditions of the Cooperative Agreement remain unchanged.

DEPARTMENT OF TRANSPORTATION
Maritime Administration



Delores Bryant
Agreements Officer

August 12, 2010

Date

**University of Maryland Center for Environmental Science
Chesapeake Biological Laboratory
Maritime Environmental Resource Center**

Phase III Establish Barge-based Test Platform for ETV Testing \$300,000

This will be an addition to the previously described Phase 3 of the Cooperative Agreement between MARAD and UMCES.

With support from the Maryland Port Administration (MPA) and MARAD, MERC is developing a barge-based mobile test platform for the evaluation and certification on ballast water treatment systems under the diverse physical and biological conditions found in the Chesapeake Bay. Phase 3 focuses on having all the equipment and resources required to conduct ballast water treatment testing according to the draft ETV protocols.

MERC Test Platform Infrastructure:

- Construction of additional key test platform infrastructure through contract established between Maryland Environmental Services (MES, on behalf of UMCES) and a marine contractor.

Phase 3 Budget:

MERC	
Contract Services	\$199,336
Indirect Costs	\$100,664
Total Costs	\$300,000

MARAD Background Notes:

The estimates for modifying the barge to become a ballast water technology test platform were received by the Maryland Port Administration and the proposed cost was double the estimate due to the availability of barges, lack of bidders, etc. These funds are going to be used toward the initial conversion project. Without these funds, the project will not succeed. The funds were originally budgeted for the Golden Bear but at this time, the vessel needed only a portion of those set aside for its modifications.