



**U.S. Environmental Protection Agency**



**U.S. Maritime Administration**

This document is one section from the “National Guidance: Best Management Practices for Preparing Vessels Intended to Create Artificial Reefs,” published in May 2006. The reference number is EPA 842-B-06-002. You can find the entire document at <http://www.epa.gov/owow/oceans/habitat/artificialreefs/index.html>.

# **National Guidance: Best Management Practices for Preparing Vessels Intended to Create Artificial Reefs**

## **Appendix F**

May 2006

## Appendix F

### *Recommended Checklist for Documenting Vessel Clean-up Using this Guidance*<sup>9, 10</sup>

- I. Specify particular material of concern
- II. Describe narrative clean-up goal for that material of concern
- III. Conduct surveys and assessments to determine current conditions/amounts of material of concern and document and describe:
  - ✓ Survey design and assessment methodologies
  - ✓ Who conducted survey/assessment
  - ✓ When survey/assessment was conducted
  - ✓ Results of survey/assessment
- IV. Discuss how the narrative clean-up goal for the given material of concern was achieved (vessel preparation/clean-up initiated specifically for vessel-to-reef project)
  - ✓ Who carried out the work?
  - ✓ When was the work completed?
  - ✓ What cleaning method was used? What preparation was done to address this material of concern? How was the narrative clean-up goal achieved?
  - ✓ For some materials, the narrative clean-up goal is the removal of all of that given material (e.g., oil and fuel, solids/debris/floatables, antifreeze and coolants, fire extinguishing systems, batteries, refrigerants and halons, mercury, black and gray water, invasive species). For these materials of concern, has the removal of all the specified material been verified? How much of the material was removed and what was done with it after removal?
  - ✓ For some materials of concern, the narrative goal allows for some materials to remain on the vessel if prepared properly (e.g., asbestos, paint, lead ballast bars, radioactive materials, negatively buoyant vessel debris). For these materials of

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<sup>9</sup> This template would be used for each material of concern as presented in the BMPs (e.g., oil and fuel; asbestos; PCBs; paint; solids/debris/floatables; and batteries, antifreeze, coolants, mercury, radioactive materials and other materials of environmental concern).

<sup>10</sup> This checklist is not a regulatory requirement, nor is it a requirement to submit this information to any particular governmental or quasi-governmental agency, State or Federal. However, this checklist outlines the type of information that might be useful to show that the goals in this guidance document have been met.

concern, how much of the specified material was removed and how much remains on the vessel (e.g., approximately how many lead ballast bars, approximately how much surface area is still covered with paint, how many rooms/compartments still contain friable or nonfriable asbestos-containing material)?

-Was the material prepared with the intention of leaving it on board?

-Is the material encapsulated (friable asbestos) or covered with growth (active anti-fouling paint)? Enclosed in a room (negatively buoyant vessel debris)?

✓ How has the completed work been verified?

V. Identify who prepared this document

✓ Name(s) and title(s)

✓ Contact information