

BMP Manual for Oil Handling at Shipyards

White Paper Proposal

National Shipbuilding Research Program (NSRP)

Environmental Technologies Panel SP-1

Bath, Maine

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Oil Handling BMP Manual Overview

➤ Background

- Oil handling activities at shipyards are subject to multiple requirements:
 - USEPA
 - Spill Prevention Control & Countermeasure
 - USCG
 - Operations Manual
- Standards are performance-based and do not always offer or require specific practices

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➤ Project Goal

- To present Best Management Practices (BMPS) specifically applicable to shipyards for compliance with oil-handling requirements of the USEPA and USCG.

➤ Shipyard partners:

- BAE Systems San Diego Ship Repair
- BAE Systems Norfolk Ship Repair
- Northrop Grumman Newport News

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➤ Previous Related Work

- SPCC Guidebook & Training; June 2007
 - Provided regulatory background for SPCC requirements and new rulings

➤ Proposed Project will:

- build on SPCC Guidebook
- address USGS requirements
- give concrete examples for compliance

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➤ First Step - “Benchmarking”

- Specify and characterize types of oil handling activities
 - USCG regulated or USEPA regulated
 - Identify minimum requirements
- Invite NSRP shipyard Environmental Managers to share challenges and best practices - to be implemented by email, followed by phone interviews
 - Obtain photographs where possible

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➤ Second Step - Prepare BMP Manual

- Ideas shared will be evaluated based on efficacy and cost.
- Solutions to unmet challenges will be sought.
- Manual will share best idea(s) for
 - containment methods and devices
 - procedures to reduce or eliminate risks

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➤ Third Step - Training

- Provide training/sharing session at future NSRP Meeting and/or regional meetings at host shipyards
 - Alternative: One or more live meetings via phone conferencing with presentation provided electronically
- Draft BMP Manual will be provided to shipyards prior to training sessions

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- **Fourth Step - Finalize BMP Manual**
 - Incorporate additional ideas from training sessions.
 - Distribute copies of final BMP Manual to shipyards

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- Questions?
- Comments?