

## **MEMORANDUM OF AGREEMENT**

**Between**

**THE DEPARTMENT OF THE NAVY,  
THE PENNSYLVANIA STATE HISTORIC PRESERVATION OFFICER,**

**And**

**THE ADVISORY COUNCIL ON HISTORIC PRESERVATION  
REGARDING DISPOSAL OF EX-FORREST SHERMAN (DD-931)**

**WHEREAS**, OPNAV Instruction 4770.5G instructs the Navy to reduce its inventory of inactive ships that have been stricken from the Naval Vessel Register; and

**WHEREAS**, the Inactive Ships Program proposed to dismantle ex-FORREST SHERMAN pursuant to OPNAV Instruction 4770.5G; and

**WHEREAS**, the Keeper of the National Register of Historic Places (National Register) determined that ex-FORREST SHERMAN is eligible for listing in the National Register on August 19, 2010; and

**WHEREAS**, the Navy initiated Section 106 consultation with the Pennsylvania State Historic Preservation Officer (PA SHPO) on September 09, 2010, and subsequent consultation meetings occurred on October 22, 2010; November 22, 2010; and January 13, 2011; and

**WHEREAS**, the Navy in consultation with the PA SHPO defined the undertaking's area of potential effect (APE) as ex-FORREST SHERMAN, and

**WHEREAS**, the Navy, in consultation with the SHPO, determined that the undertaking will have an adverse effect on ex-FORREST SHERMAN; and

**WHEREAS**, in accordance with 36 C.F.R §800.6(a)(1), the Navy notified the Advisory Council of Historic Preservation (ACHP) of its adverse effect determination with specified documentation and the ACHP has chosen to participate in the consultation; and

**WHEREAS**, the Navy has invited the USS Forrest Sherman Foundation, Inc. (the Foundation), the Independence Seaport Museum, Project Enduring Pride, the Philadelphia Historical Commission, and Delaware State Representative Gerald Hocker to participate as consulting parties; and

**WHEREAS**, the Navy sought and considered the views of the public through the Inactive Ships Program website at <http://www.navsea.navy.mil/teamships/InactiveShips/default.aspx>; and

**WHEREAS**, the Navy also consulted with the Foundation, the Independence Seaport Museum, and Project Enduring Pride regarding the effects of the undertaking on historic properties and measures to avoid, minimize, or mitigate these effects; and

**WHEREAS**, the Foundation, the Independence Seaport Museum, and Project Enduring Pride have been invited to sign this Memorandum of Agreement (MOA) to indicate their concurrence; and

**NOW, THEREFORE**, the Navy, the PA SHPO, and the ACHP agree to the following stipulations in order to mitigate the adverse effect of the Federal undertaking (disposal of ex-FORREST SHERMAN).

## **I. STIPULATIONS**

1. The Navy shall maintain ex-FORREST SHERMAN in its current safe storage status at the NAVSEA Inactive Ships On-site Maintenance Office, Philadelphia:
  - a. The donation applicant has ninety days from the date of this agreement to provide proof of available firm financing in the amount of \$2,500,000.00 for 25% of the estimated \$10,000,000.00 acquisition/start-up costs for the applicant to restore and establish ex-FORREST SHERMAN as a museum/memorial for public display and a commitment from a property owner for a permanent berthing location.
  - b. If a donation applicant satisfies the milestone set forth in Stipulation 1.a, the applicant shall receive an additional three months (six months from the date of this agreement) to provide proof of available firm financing in the amount of \$5,000,000.00 for 50% of the estimated \$10,000,000.00 acquisition/start-up costs as described above; a business plan demonstrating the economic viability of ex-FORREST SHERMAN as a ship museum/memorial for public display, including a substantiated cost estimate of the acquisition/start-up costs to restore and establish ex-FORREST SHERMAN as a museum/memorial for public display; and a five-year projection with substantiated estimates of income and expenses sufficient to maintain the ship thereafter.
  - c. If the donation applicant satisfies the first and the second milestone set forth in Stipulation 1.b, that applicant shall receive an additional six months (twelve months from the date of this agreement) to provide proof of available firm financing for the total amount of the acquisition/start-up costs identified in its business plan, and completion of a ship donation application meeting the Navy's minimum requirements for ship donation. (see NAVSEAINST 4520.1B, Navy Ship Donation Program Manual available at

www.navsea.navy.mil/teamships/inactiveships/donation for the definition of available firm financing and the requirements of a ship donation application.)

2. If the donation applicant cannot satisfy any one of the milestones set forth in Stipulation 1 of this agreement, the Navy shall have no further obligations under Stipulation 1 and shall be permitted to dispose of ex-FORREST SHERMAN.
3. If the donation applicant cannot satisfy any one of the milestones set forth in Stipulation 1, the Navy shall complete the following actions to mitigate the adverse effect that will result from disposal of the ship:
  - a. Declassify, approve for public release, and, upon receiving an application from a potential donee, pursuant to 10 U.S.C. Section 2572, transfer to the material donation donee ex-FORREST SHERMAN (DD 931) records in existence at the Washington National Records Center (see Appendix A). Material donation application procedures are provided at [www.navsea.navy.mil/teamships/Inactiveships/Donation/pdf/material\\_donation\\_pdfs/Material\\_Donation\\_Procedures.pdf](http://www.navsea.navy.mil/teamships/Inactiveships/Donation/pdf/material_donation_pdfs/Material_Donation_Procedures.pdf).
    - i. Stipulation 3.a is subject to 10 U.S.C. Section 2572 (see Appendix B), which requires the Navy Inactive Ships Program to enter into a material donation contract with a qualified material donation donee. The documents set forth in Stipulation 3.a shall be made available to the material donation donee after the U.S. Government signs a ship dismantling contract for ex-FORREST SHERMAN.
    - ii. If a material donation applicant is unable or unwilling to enter into a material donation contract, as required by 10 U.S.C. Section 2572, to obtain these documents one year from the date the U.S. Government signs a ship dismantling contract, this stipulation shall expire.
  - b. Prepare a Historic American Engineering Record (HAER) of ex-TURNER JOY (DD 951) in accordance with the Secretary of Interior's Standards and Guidelines for Architectural and Engineering Documentation, Level 2. A HAER of ex-TURNER JOY shall be prepared in lieu of ex-FORREST SHERMAN because ex-TURNER JOY is an existing public museum and has a configuration that was nearly identical to ex-FORREST SHERMAN when the ships were decommissioned. Further, ex-TURNER JOY is in far better material condition than ex-FORREST SHERMAN. Ex-FORREST SHERMAN was heavily stripped of equipment and demilitarized in the 1990's, and has significant surface corrosion and deterioration both externally and internally. Because ex-TURNER JOY was not extensively stripped of equipment and demilitarized as in the case of ex-FORREST SHERMAN, the ex-TURNER JOY is a superior representation of the "distinctive characteristics of a type, period and method of construction of her class." (see Appendix C for the Keeper of the National Register's determination of eligibility.)
    - i. A draft HAER shall be prepared in accordance with Stipulation 3.b after the U.S. Government signs a ship dismantling contract for ex-FORREST SHERMAN.

- ii. The draft HAER for ex-TURNER JOY must be submitted to the National Park Service for review and approval within one year after the U.S. Government signs a ship dismantling contract for ex-FORREST SHERMAN.
- c. Before the U.S. Government signs a ship dismantling contract for ex-FORREST SHERMAN, it will allow existing ship museums who are Fleet members of the Historic Naval Ships Association an opportunity to remove equipment and material from ex-FORREST SHERMAN to enhance the display of the existing ship museums.
- d. The Navy shall include a provision in its ship dismantling contract for ex-FORREST SHERMAN, a requirement for the dismantling contractor to remove from the stern of the ship's hull the raised letters that spell out "FORREST SHERMAN" with six (6) inches of steel around it and set it aside for pickup by the material donation donee.
  - i. Stipulation 3.d is subject to 10 U.S.C. Sections 2572 and 7545, which requires the Navy Inactive Ships Program to enter into a material donation contract with a qualified applicant. The contract provision shall allow the material donation donee one year from the date the U.S. Government signs a ship dismantling contract, to transport this material from the ship dismantling location to the material donation donee's display site, for indefinite public display of this material at no cost to the government. This material shall be made available to the material donation donee after the U.S. Government signs a ship dismantling contract for ex-FORREST SHERMAN.
  - ii. If a material donation applicant is unable or unwilling to enter into a material donation contract to obtain this material one year from the date the U.S. Government signs a ship dismantling contract, this stipulation shall expire, and the ship dismantling contractor shall be allowed to scrap the material.
- e. The Navy shall include a provision in its ship dismantling contract for ex-FORREST SHERMAN, a requirement for the dismantling contractor to remove both the port and starboard stern hull numbers that say "931" with six (6) inches of steel around it and set it aside for pickup by the material donation donee.
  - i. Stipulation 3.e is subject to 10 U.S.C. Sections 2572 and 7545, which requires the Navy Inactive Ships Program to enter into a material donation contract with a qualified applicant. The material donation donee shall be permitted to transport this material from the ship dismantling location to its display site for indefinite public display of this material at no cost to the government. This material shall be made available to the material donation donee after the U.S. Government signs a ship dismantling contract for ex-FORREST SHERMAN.
  - ii. If a material donation applicant is unable or unwilling to enter into a material donation contract to obtain this material one year from the date the U.S. Government signs a ship dismantling contract, this stipulation shall expire, and the ship dismantling contractor shall be allowed to scrap the material.

- f. The Navy Curator shall make available to a qualified material donee, all Curator items removed from the ship during the 1982 decommissioning and remaining in storage at the Navy Curator's warehouse at Cheatham Annex, Yorktown, VA, subject to the terms and conditions of the Navy Curator's Artifact Loan Program as described at [www.history.navy.mil/branches/org2-2.htm](http://www.history.navy.mil/branches/org2-2.htm).

## II. MONITORING AND REPORTING

Following the execution of this MOA, the Navy shall notify all signatories\* within 14 days of the specified due date whether the requirements of Stipulation 1.a have been satisfied. If Stipulation 1.a is satisfied, the Navy will provide additional updates, every three months until this agreement terminates. The updates shall include any problems encountered and any disputes and objections received during the Navy's efforts to carry out the terms of this MOA.

## III. DISPUTE RESOLUTION

Should any signatory\* to this MOA object at any time to any actions proposed or the manner in which the terms of this MOA are implemented, the Navy shall consult with such party to resolve the objection. If the Navy determines that such objection cannot be resolved, the Navy will:

- A. Forward all documentation relevant to the dispute, including the Navy's proposed resolution, to the ACHP. The ACHP shall provide the Navy with its advice on the resolution of the objection within thirty days of receiving adequate documentation. Prior to reaching a final decision on the dispute, the Navy shall prepare a written response that takes into account any timely advice or comments regarding the dispute from the ACHP, signatories\*, and concurring parties, and provide them with a copy of this written response. The Navy will proceed according to its final decision.
- B. If the ACHP does not provide its advice regarding the dispute within the thirty day time period, the Navy may make a final decision on the dispute and proceed accordingly. Prior to reaching such a final decision, the Navy shall prepare a written response that takes into account any timely comments regarding the dispute from the signatories\* and concurring parties to the MOA and provide them and the ACHP with a copy of this written response.
- C. The Navy's responsibility to carry out all other actions subject to the terms of this MOA that are not the subject of the dispute remain unchanged.

## IV. AMENDMENTS

This MOA may be amended when such an amendment is agreed to in writing by all signatories\*. The amendment will be effective on the date a copy signed by all of the signatories\* is filed with the ACHP.

V. TERMINATION

If any signatory\* to this MOA determines that its terms will not or cannot be carried out, that party shall immediately consult with the other parties to attempt to develop an amendment per Stipulation IV, above. If within thirty days (or another time period agreed to by all signatories\*) an amendment cannot be reached, any signatory\* may terminate the MOA upon written notification to the other signatories\*.

Once the MOA is terminated, and prior to work continuing on the undertaking, the Navy must either (a) execute an MOA pursuant to 36 C.F.R. Section 800.6, or (b) request, take into account, and respond to the comments of the ACHP pursuant to 36 C.F.R. Section 800.7. The Navy shall notify the signatories\* as to the course of action it will pursue.

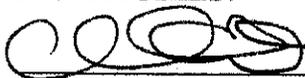
VI. DURATION

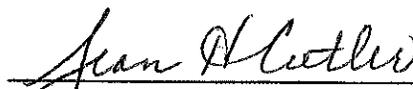
This MOA shall be in effect no longer than five years from the date this agreement is signed, or until all stipulations pursuant to this agreement has been satisfied. If the stipulations are not satisfied within the five year time frame, the Navy will re-initiate Section 106 consultation for ex-FORREST SHERMAN.

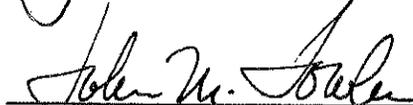
Execution of this MOA by the signatories\* and implementation of its terms constitute compliance with the Navy's obligations pursuant to Section 106 of the NHPA and its implementing regulations.

\* For purposes of this MOA, the term signatory/signatories only refers to the Navy, the PA SHPO and the ACHP and does not include concurring parties.

SIGNATORIES:

 Date: 2/8/11  
Department of the Navy, Naval Sea Systems Command (PMS 333)

 Date: 2/10/2011  
Pennsylvania State Historic Preservation Officer

 Date: 3/2/11  
Advisory Council on Historic Preservation

**CONCURRING PARTIES:**

\_\_\_\_\_ Date: \_\_\_\_\_  
**Independence Seaport Museum**

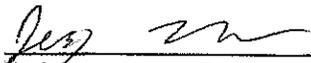
\_\_\_\_\_ Date: \_\_\_\_\_  
**Project Enduring Pride**

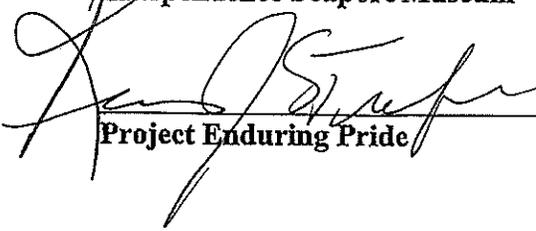
\_\_\_\_\_ Date: \_\_\_\_\_  
**USS Forrest Sherman DD 931 Foundation, Inc.**

- Appendix A: List of ex-FORREST SHERMAN (DD 931) specific records in existence at the Washington National Records Center
- Appendix B: 10 U.S.C. Section 2572 and 10 U.S.C. Section 7545
- Appendix C: Keeper of the National Register's determination of eligibility for ex-FORREST SHERMAN (DD 931)

Note: Other consulting parties signed the Memorandum of Agreement at a later date.

**CONCURRING PARTIES:**

 Date: 9/30/11  
Independence Seaport Museum

 Date: 3/30/11  
Project Enduring Pride

Date: \_\_\_\_\_  
USS Forrest Sherman DD 931 Foundation, Inc.

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**Appendix A - List of ex-FORREST SHERMAN (DD 931) specific records in existence at the Washington National Records Center**

1. ASW system test, functional, and weapon handling data for DD 931 class (binder) (Classified)
2. DD 931/945 Conversion to DDG (folder)
3. DD 931 CONV. TO DDG-31, April 1996 (folder)
4. DD 931 (ASW MOD) (folder)
5. DD 931 Correspondence (folder) (Classified)
6. DD 931/945 Studies and Presentations (folder) (Classified)
7. DD 931 Final Weight Report Light Ship + Loads (folder)
8. DD-931/945 CL ASW Modernization Program Excess Materials; disposition of (paper)
9. DD 931/945 CL ASW MOD 9190 Ser 669 6101C (paper)
10. DD 931/945 Class ASW Modernization, Quarterly Production Progress Conference; report of (paper)
11. DD 931 – 945 Conv. To DDG Contract Plan Booklet (Large Booklet)
12. DD 931 Class Superstructure Damage (drawings)
13. Destroyer DD 931 Class ASW Modernization STRUCTURAL MODS (drawings)
14. DD 931 Class OUTSIDE PLATING FR 150 TO STERN (drawings)
15. DD 931 Class OUTSIDE PLATING FR 62 TO 150 (drawings) (x2)
16. DD 931 Class EXPANSION JOINTS (drawings)
17. DD 931 Class BULWARK MAIN DECK (drawings)
18. DD 931 Class LONG. BHD FR 161 TO STERN (drawings)
19. DD 931 Class MAIN DK HSE SIDES FR 46 ½ TO 86 ½ (drawings)
20. DD 931 Class MAIN DECK HOUSE SIDES FR 86 ½ TO 120 (drawings)
21. DD 931 Class TRANSV BHD 165, 172 1/2 , 173, 181 8,185 (drawings)
22. DD 931 Class MAIN DECK PLATING FR 62 TO FR 150 (drawings)
23. DD 931 Class STRUCT REINF OF MT 52 GUN FDN AT MN DK (drawings)
24. DD 931 Class (ASW Modernization) J.O.# 12-C-65 (Shop File) (folder) (Classified)
25. DD 931 MATERIAL LIST (drawings)
26. DD 931 01 LEVEL PLATING FR 105-133 (drawings)
27. DD 931 Class TRANSV BHD 7,11,15,19 CHAIN LKR BHD & FLAT (drawings)
28. DD 931 Class GUN FDN NO.52 (drawings)
29. DD 931 Class WEB FR 153 & 157 (drawings)
30. DD 931 Class 01 Level DK FR 86 ½ TO 120 (drawings)
31. DD 931 Class SIDE STGR NO.8 TO 14 FR 62 to 150 (drawings)
32. DD 931 Class OUTSIDE Plating STEM TO FR 62 (drawings)
33. DD 931 Class MAIN DK PLATING FR 150 TO STERN (drawings)
34. Turning and rudder torque tests on model 4428 representing the revised 1951 Destroyer (DD931 Class) (booklet) (Classified)
35. Turning tests on model 4392 representing the 1951 Destroyer (booklet) (Classified)
36. DD 931 / 945 Class to DDG (Classified)

37. DD 931-933 Damage Control Diagram (Classified)
38. DD 931 Jan 1959 to July, Structures (Classified)
39. DD 931 Class-Aft Deckhse -- 5/54 Gun
40. DD931 (Base Study no.1) (folder)
41. DD 931 / 945 CI ASW MOD/9730, Ser 105 (paper)
42. DD 931 / 945 CI ASW MOD Change Order Request (paper)
43. DD 931 Class ASW Modernization, Medium Pressure Air Compressor Purchase Specification, forwarding of recommendations (paper)

## Appendix B – 10 USC 2572 and 10 USC 7545

### TITLE 10 UNITED STATES CODE

#### §2572 – Donation of Documents, Historical Artifacts, & Condemned or Obsolete Combat Material

Documents, historical artifacts, and condemned or obsolete combat material: loan or gift or exchange

(a) The Secretary concerned may lend or give items described in subsection (c) that are not needed by the military department concerned (or by the Coast Guard, in the case of the Secretary of Transportation), to any of the following:

- (1) A municipal corporation, county, or other political subdivision of State.
- (2) A servicemen's monument association
- (3) A museum, historical society, or historical institution of a State or a foreign nation.
- (4) An incorporated museum or memorial that is operated and maintained for educational purposes only and the chart of which denies it the right to operate for profit.
- (5) A post of the Veterans of Foreign Wars of the United States or the American Legion or unit of any other recognized war veterans' association.
- (6) A local or national unit of any war veterans' association of a foreign national which is recognized by the national government of that nation (or by the government of one of the principal political subdivisions of that nation).
- (7) A post of the Sons of Veterans Reserve.

(b) (1) Subject to paragraph (2), the Secretary concerned may exchange items described in subsection (c) that are not needed by the armed forces for any of the following items or services if such items or services directly benefit the historical collection of the armed forces:

- (A) Similar items held by any individual, organization, institution, agency, or nation.
- (B) Conservation supplies, equipment, facilities, or systems.
- (C) Search, salvage, or transportation services
- (D) Restoration, conservation, or preservation services.
- (E) Educational programs.

(2) The Secretary concerned may not make an exchange under paragraph (1) unless the monetary value of property transferred, or services provided, to the United States under the exchange is not less than the value of the property transferred by the United States. The Secretary concerned may waive the limitation in the preceding sentence in the case of an exchange of property for property in any case in which the Secretary determines that the item to be received by the United States in the exchange will significantly enhance the historical collection of the property administered by the Secretary.

- (c) This section applies to the following types of property held by a military department or the Coast Guard: books, manuscripts, works of art, historical artifacts, drawings, plans, models, and condemned or obsolete combat material.
- (d) (1) A loan or gift made under this section shall be subject to regulations prescribed by the Secretary concerned and to regulations under section 205 of the Federal Property and Administrative Services Act of 1949 (40 U.S.C. 486).
- (2) (A) A except as provided in subsection (b), the United States may not incur any expenses in connection with the loan or gift under subsection (a).
- (B) The Secretary concerned may, without cost to the recipient, demilitarize, prepare and transport in the continental United States for donation to a recognized war veterans' association an item authorized to be donated under this section if the Secretary determines the demilitarization, preparation, and transportation can be accomplished as a training mission without additional budgetary requirements for the unit involved.

#### **TITLE 10 UNITED STATES CODE**

##### **§7545 – Material Donation**

Obsolete material and articles of historic interests: loan or gift

- (a) Authority to make loans and gifts. The Secretary of the Navy may lend or give without expense to the United States, items described in subsection (b) that are not needed by the Department of the Navy to any of the following:
- (1) A State, Territory or Commonwealth, or possession of the United States, or political subdivision or municipal corporation thereof.
  - (2) The District of Columbia.
  - (3) A library
  - (4) A historical society.
  - (5) An educational institution whose graduates or students fought in a foreign war.
  - (6) A servicemen's monument association
  - (7) A State museum.
  - (8) A museum or memorial operated and maintained for educational purposes only, whose charter denies it the right to operate for profit.
  - (9) A post of the Veterans of Foreign Wars of the United States
  - (10) A post of the American Legion
  - (11) Any other recognized war veterans' association
  - (12) A post of the Sons of Veterans Reserve
- (b) Items eligible for disposal. This section applies to the following types of
- (1) Captured, condemned, or obsolete ordnance material
  - (2) Captured, condemned, or obsolete combat or shipboard material
- (c) Regulations. A loan or gift made under this section shall be subject to regulations prescribed by the Secretary and to

regulations under Section 206 of the Federal Property and Administrative Services Act of 1949 (40 U.S.C. 486).

(d) Maintenance of the records of the Government, Records of the Government as defined in section 3301 of Title 44 may not be disposed of under this section.

(e) Alternative authorities to make gifts or loans. If any disposition is authorized by this section and section 2572 of this title, the Secretary may make the gift or loan under either section.

(f) Authority to transfer a portion of a vessel. The Secretary may lend, give, or otherwise transfer portion of the hull or superstructure of a vessel stricken from the Naval Vessel Register and designated for scrapping to a qualified organization specified in subsection (a). The terms and conditions of an agreement for the transfer of a portion of a vessel under this section shall include a requirement that the transferee will maintain the material conveyed in a condition that will not diminish the historical value of the material or bring discredit upon the Navy.

**Appendix C: Keeper of the National Register's determination of eligibility for ex-FORREST SHERMAN (DD 931)**



## United States Department of the Interior

NATIONAL PARK SERVICE  
1849 C Street, N.W.  
Washington, D.C. 20240

IN REPLY REFER TO:

### DETERMINATION OF ELIGIBILITY NOTIFICATION

National Register of Historic Places  
National Park Service

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Name of Property: EX-FORREST SHERMAN (DD 931)      State: PA  
Location: Philadelphia

Request submitted by: Glen A. Clark, Deputy Program Manager, Navy Inactive Ships Program for the Navy Sea Systems Command (NAVSEA)

Date received: 6/22/2010      Additional information received 8/9/2010

Opinion of the State Historic Preservation Officer:

Eligible       Not Eligible       No Response       Need More Information

Comments:

The Secretary of the Interior has determined that this property is:

Eligible       Not Eligible  
Applicable criteria:      C

**Comment:** Commissioned in November 1955, the *USS Forrest Sherman* (DD 931) was the lead ship in a class of destroyers built in response to combat lessons of the Second World War and reflecting operational characteristics specified by destroyer commanders during the war. The *Forrest Sherman* class was the ultimate, last class of all-gun destroyers and was built to be effective anti-submarine warfare platforms and screening escort vessels for fast carrier task forces. These all-gun ships (as opposed to gun-missile or missile only ships) were replaced by the frigates and cruisers of the modern, nuclear Navy. Of the eighteen *Forrest Sherman* class destroyers built, only four remain. One, the *USS Edson* (DD 946), has been designated a National Historic Landmark. See attached NPS On-site Integrity Review – *USS Forrest Sherman* (DD 931) dated 8/9/2010.

for/ Patrick Andrus  
Keeper of the National Register

Date: 8/19/2010

WASO-28

National Park Service On-site Integrity Review - USS Forrest Sherman (DD 931)

**Reviewer:** Paul Loether, Chief, National Register of Historic Places and National Historic Landmarks  8/18/10

**Date:** Monday, August 9, 2010

**Location:** NAVSEA Inactive Ship Facility (former Philadelphia Naval Shipyard), Philadelphia

**Background:** Designed by the marine architectural firm Gibbs and Cox, and built by the Bath Iron Works in Bath, Maine, *USS Forrest Sherman* (DD 931) is the lead ship in a class of 18 destroyers commissioned by the US Navy between 1955 and 1959. One of four of her class still surviving, *Forrest Sherman* was commissioned in November 1955 and decommissioned in November 1982. Her length is 418 feet, her beam 45 feet. As built she drew 20 feet (later increased to 22 feet). At full load, her displacement was eventually rated at 4,600 tons. The ship's propulsion plant includes four, 1200-psi Babcock and Wilcox boilers, two geared GE steam turbines generating 70,000 shaft horsepower, and two propeller shafts. Her rated top speed was 32.5 knots. Her main armament consists of three, fully automatic Mk-42 5-inch/54 caliber guns in single turrets (one fore and two aft). *Forrest Shermans* were the last U.S. Navy destroyer class designed and originally built entirely as gun (vs. gun-missile or missile only) ships.

**Comments:** The site visit was undertaken to: a) review first-hand the historic integrity of *USS Forrest Sherman*, and b) visually confirm that the ship's physical status remains essentially consistent with the description provided in "Vessel Survey Report 1065," a comprehensive and detailed physical assessment of *Forrest Sherman* that was completed in February, 2004, by Joseph W. Lombardy, Marine Surveyor and Consultant for Ocean Technical Services (OTS) of Manchester Massachusetts (copy attached).

On the date of this site visit one of *Forrest Sherman's* three surviving sister ships, the National Historic Landmark (NHL) *USS Edson* (DD 946), was fortuitously tied up alongside. The presence of *Edson*, the historic exterior features of which appeared to be in very, very good condition, and which as an NHL maintains a high level of historic integrity, provided an excellent basis for a topside comparative visual analysis of both the condition and integrity of *Forrest Sherman*.

Topside, the condition of *Forrest Sherman* generally continues to seem consistent with the descriptions provided 2004 OTS survey. Paint finishes generally range from degraded to deteriorated. However, the continued poor paint conditions still do not appear to significantly impact the basically good integrity of the ship's principal historic hull/armament/weather deck/superstructure/foremast fabric and features. The only truly notable, albeit limited, loss in exterior integrity continues to be related to the ship's main armament. While the turret-like shields for *Forrest Sherman's* single fore and two aft Mk 42 5-inch batteries continue to remain intact, the gun tubes for all three were cut off at a point approximately halfway between muzzle and mount; the cut off portions of each tube currently lay on the deck in front of each mounts shield at the time the ship was "demilitarized," many years ago. (Until fairly recently, it was common for a warship to have its guns disabled in this manner as part of the demilitarization process.)

As with the exterior, the condition and integrity of interior spaces, features, and fabric throughout *Forrest Sherman* generally appear substantially unchanged since completion of the 2004 OTS report – paint is consistently in degraded or deteriorated condition; interior plan, features, and fabric, including major features such as the hull, propulsion equipment, fire-control and navigation systems as well as their control/monitoring screens, all appear to remain substantially intact.

**Conclusion:** While *Forrest Sherman's* overall condition is appears to be fair in comparison with the standard set by *Edson*, despite having her Mark 42 gun barrels cut, the bulk of the *Forrest Sherman's* historic fabric and features remain more than intact enough for the ship for them to clearly "embody the distinctive characteristics of a type, period and method of construction" of her class. *Forrest Sherman* is therefore eligible for listing in the National Register under *Criterion C*.