Naval Vessel Historical Evaluation

FINAL DETERMINATION

This evaluation is unclassified

Name	Hull Number
PAUL F. FOSTER	EDD 964
Vessel Class	**Previous Vessel Designation (if any)**
Second SPRUANCE (DD 963)-class destroyer; Self Defense Test Ship (after 27 Mar 2003). Last SPRUANCE class hull afloat.	DD 964
Vessel Location	**Current Status**
Port Hueneme, CA	Active, Self Defense Test Ship (SDTS), in non-commissioned status

Initial Evaluation Date	Initial Finding
6 December 2012	Ineligible
Final Evaluation Date	**Eligibility for Listing to the National Register of Historic Places**
5 March 2013	Ineligible

Vessel Snapshot

Lineage	Named for VADM Paul F. Foster, first U.S. Navy officer to receive the Medal of Honor, the Distinguished Service Medal, and the Navy Cross.
Displacement	9,200 tons
Length	563 ft., 4 in.
Beam	55 ft.
Draft	32 ft., 6 in.
Speed	(as built) 30+ knots
Propulsion	(as built) 4 LM2500 General Electric gas turbine engines @ 21,500 HP each; 4 Allison 501-K17 gas turbine generators
Armament	As SPRUANCE- class destroyer: 2 5-in. 54-cal guns; 1 25-mm gun mount; 4 50-cal gun mounts; 2 close in weapons systems (CIWS); 2 triple torpedo tube launchers; 2 four

	canister *Harpoon* missile launchers; 1 NATO *Sea Sparrow* missile system; 1 61 cell *Tomahawk* vertical launching system. As Self-Defense Test Ship, outfitted with up-to-date technological and weapons systems and remote capabilities.
Laid Down	6 February 1973
Launched	23 February 1974
Built By	Ingalls Shipbuilding Div., Litton Industries, Pascagoula, MS
Sponsor	Mrs. Paul F. Foster, wife of VADM Foster; proxy sponsor Mrs. Greg Hinshaw, granddaughter of VADM Foster
Delivered	1 February 1976
Commissioned	21 February 1976
Decommissioned	14 March 2003, Naval Station Everett, WA; on 27 March 2003, she was turned over to Naval Surface Warfare Center, Port Hueneme Division, as an unmanned and remotely controlled Navy Self Defense Test Ship. Activated (as EDD 964) on 16 March 2005)
Stricken	6 April 2004 (as PAUL F. FOSTER, DD 964)

Vessel History

History	Operating out of San Diego, CA, PAUL F. FOSTER was the first SPRUANCE-class destroyer to deploy to the Western Pacific on March 1978. The ship deployed again in 1970 and 1982, serving in the Indian Ocean and Western Pacific. PAUL F. FOSTER joined Destroyer Squadron 9 and moved to her new homeport of Long Beach, CA, in August 1983. On 29 August 1984, PAUL F. FOSTER began her fourth Western Pacific deployment as Destroyer Squadron 9's flagship, leading a five ship Surface Action Group and participating in several major Allied fleet exercises. During a fifth deployment in August 1986 with the CARL VINSON (CVN-70) Battle Group, she was awarded the Meritorious Unit Citation for her performance in KERNAL POTLATCH operations in the North Pacific and

Bering Sea. From July 1987 through July 1988, she completed a regular overhaul where she received over 55 major ship alterations including installation of the MK41 Vertical Launch System for Tomahawk cruise missiles, the AN/SQQ-89 Anti-Submarine Warfare Detection System and facilities to employ the Navy's most sophisticated anti-submarine helicopter, the LAMPS MK III.

She departed on her sixth Western Pacific/Indian Ocean deployment on 24 February 1989 in company with RANGER (CV-61) Battle Group. Conducting North Arabian Gulf operations, ship was awarded the Armed Forces Expeditionary Medal.

On 8 December 1990, PAUL F. FOSTER departed Long Beach, CA, for her seventh overseas deployment to the Arabian Gulf in support of Operation Desert Shield and Desert Storm. As the first ship to fire TOMAHAWK missiles against Iraqi targets, she was instrumental in the liberation of Kuwait and winning the Gulf War.

Deploying for the eighth time on 20 July 1992, PAUL F. FOSTER returned to the Arabian Gulf where she operated in support of OPERATION DESERT STORM and SOUTHERN WATCH while participating in numerous bilateral exercises with various Arabian Gulf nations.

On her ninth deployment in 1994, PAUL F. FOSTER served with the CARL VINSON Battle Group and was the first ship on the scene to provide assistance as a burning ocean tug GLORIOUS CITY, putting out the fire and saving its crew of seven. Upon returning from deployment, PAUL F. FOSTER entered into regular overhaul at Long Beach Naval Shipyard where several of the latest technology weapons, sensors, and engineering systems were added.

After completion of the overhaul, PAUL F. FOSTER moved to her new homeport of Everett, WA, arriving in November 1994. She deployed for the tenth time on 21 February 1997 (her 21st birthday) and for the eleventh time on 26 January1999 to the Arabian Gulf in support of continued United Nations sanctions against Iraq.

PAUL F. FOSTER's twelfth deployment began 12 January 2001. The ship was deployed to the Arabian Gulf to conduct maritime interdiction operations in support of United Nations sanctions against Iraq. PAUL F. FOSTER conducted 100 boardings of suspected merchant vessels and embarked special warfare teams to aid in boarding non-compliant vessels. Crewmembers also participated in a number of humanitarian aid projects during port visits to Thailand, Singapore, and East Timor. PAUL F. FOSTER's thirteenth and final deployment began 17 June 2002, over the course of which several multinational exercises including RIMPAC in

	Hawaii, MALABAR (in conjunction with the Indian Navy), and ANNUAL-EX off the coast of Japan. The crew also had several outstanding port visits including a well publicized visit to China. Began service as a SDTS in FY 2005 at Port Hueneme, CA, and on the waters of the Pacific Sea Test Range. Since her decommissioning in 2003, her maneuvering and propulsion controls have been replaced by computerized systems that allow her to be remotely controlled. Her new role as a Self Defense Test Ship requires that she be unmanned as it involves live-fire exercises at a barge towed 150-feet astern. At 563 feet in length and 8,000 tons, she may very well be the world's largest remote control vehicle. During a typical live fire test, various threats are launched at the SDTS, and the installed combat or weapon system being tested responds to that threat in defense of the ship. While this predetermined attack is actually aimed at a decoy barge pulled 150 feet behind the unmanned SDTS, protecting the ship and its assets, it provides an opportunity to assess the responsiveness and success of onboard systems. Navigation is performed from Naval Air Systems Command's Weapons Division at Point Mugu, CA, and combat systems are controlled from Port Hueneme Division's Surface Warfare Engineering Facility. In 2011, she successfully sailed from Point Loma in San Diego to her base at the Naval Surface Warfare Center in Port Hueneme, Calif., powered by a 50-50 blend of hydro-processed algal oil and F-76 petroleum. The alternative fuel powered one of the ship's LM2500 gas turbines used for propulsion, and the ship's service gas turbine. The successful experiment was announced as a major milestone for the Navy's plans to operate what it calls a "Great Green Fleet," entirely run on alternative fuels by 2016.
Awards	One Navy Unit Commendation, one Meritorious Unit Commendation, Four Armed Forces Expeditionary Medals, one Combat Action Ribbon, one Navy Expeditionary Medal, three Navy "E" Ribbons, Southwest Asia Service Medal, Kuwaiti Liberation Medal.
Noteworthy Events	Initial DD-963 class destroyer assigned to the Pacific Fleet. First ship to fire *Tomahawk* missiles against Iraqi targets; therefore, took part in the liberation of Kuwait and in winning the Gulf War.
DANFS* **Entry**	None

**Dictionary of American Naval Fighting Ships*

Criteria Evaluation[1]

i. Was the vessel awarded an individual Presidential Unit Citation?	No.
ii. Did an individual act of heroism take place aboard the vessel such that an individual was subsequently awarded the Medal of Honor or the Navy Cross?	No.
iii. Was a President of the United States assigned to the vessel during his or her naval service?	No.
iv. Was the vessel was the first to incorporate engineering, weapons systems, or other upgrades that represent a revolutionary change in naval design or warfighting capabilities?	No.
v. Did some other historic or socially significant event occur on board the vessel?	No.
Historic Evaluation Conclusion	Ineligible
Assessment of integrity of (as appropriate) design, materials, workmanship, feeling and/or association (only for vessels determined to be eligible)	As SDTS, ship's propulsion and armament systems are significantly altered from when PAUL F. FOSTER was in active service as an active combatant.

Sources	"Welcome Aboard USS Paul F. Foster (DD 964)" (undated)
	Program, USS PAUL F FOSTER Decommissioning/End of Command Ceremony 14 March 2003
	Rob Almeida, "USS Paul F. Foster (DD 964) – the last survivor of the Spruance Class" 21 September 2010 http://gcaptain.com/paul-foster-964-survivor-spruance/
	http://navyleaguemonterey.com/adopted-units/decommissioned-units/uss-paul-f-foster-dd-964/
	http://www.navytimes.com/news/2011/11/ap-navy-test-ship-for-biofuel-completes-first-trip-111711/

Historic Preservation Stakeholder Comment

Historic preservation stakeholder comments received are considered when preparing final determinations. The initial determination for this vessel was made available for comment by historic preservation stakeholders for 60 days. During that time, the Navy received no written comments.

[1] Evaluation conducted using triggers established for naval vessels in *Program Comment for the Department of Navy for the Disposition of Historic Vessels*, issued by the Advisory Council for Historic Preservation on 15 March 2010.