

Naval Vessel Historical Evaluation
FINAL DETERMINATION

This evaluation is unclassified

Name	Hull Number
SEA SHADOW	IX-529
Vessel Class	Previous Designation (if any)
SEA SHADOW (IX-529) - class unclassified miscellaneous service craft	n/a
Vessel Location	Current Status
Suisin Bay Reserve Fleet, Benecia, CA	Placed on donation hold 1 September 2006

Initial Evaluation Date	Initial Finding
25 February 2011	Eligible
Final Evaluation Date	Eligibility for Listing to the National Register of Historic Places
5 July 2011	Eligible

Vessel Snapshot

Lineage	Name unofficially assigned
Displacement	563 tons (full load)
Length	164 feet (overall)
Beam	68 feet
Draft	15 feet (maximum navigational)
Speed	13 knots
Propulsion	Diesel electric, twin screw
Built By	Lockheed-Martin Missile and Space Co.
Sponsor	No record

Delivered	1 March 1985
Commissioned	Not applicable
Decommissioned	Not applicable
Inactivated	No date provided
Stricken	22 August 2006

Vessel History

Deployment Summary	As non-commissioned service craft, was not required to submit command history report/command operations report
Awards	None
Noteworthy Events	Vessel used as test platform
DANFS* Entry	In early stages of preparation

**Dictionary of American Naval Fighting Ships*

Criteria Evaluation¹

i. Was the vessel awarded an individual Presidential Unit Citation? (A Presidential Unit Citation is awarded to military units that have performed an extremely meritorious or heroic act, usually in the face of an armed enemy.)	No
ii. Did an individual act of heroism take	No

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.

place aboard the vessel such that an individual was subsequently awarded the Medal of Honor or the Navy Cross? (The Medal of Honor is awarded for valor in action against an enemy force. The Navy Cross is awarded for extraordinary heroism in action not justifying an award of the Medal of Honor.)	
iii. Was a President of the United States was 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?	Yes. Craft built to examine application of “stealth” technology (as employed in the USAF F-117 NIGHTHAWK fighter) on naval vessels. Technology (stabilizer and canard) employed in T-AGOS-19 and T-AGOS-23-class oceanographic ships; vessel used to test advanced hull forms and structures, automation for reduced manning, sea-keeping and signature control
v. Did some other historic or socially significant event occur on board the vessel?	No
Assessment of integrity of (as appropriate) design, materials, workmanship, feeling and/or association	
Historical Evaluation Conclusion	Eligible

Sources	SEA SHADOW (IX-529) entry in Naval Vessel Register, SEA SHADOW (IX-529) Fact Sheet, held by History and Archives Division, Naval History and Heritage Command; see also Journalist 1 st Class (SW) Jason McKnight, “Sea Shadow Premier Test Platform for Stealth,” (www.navy.mil) 24 December 2003; also www.navysite.de entry on SEA SHADOW (IX-529)

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 0 written comments.

Comments Received	Comment Disposition
None.	