

**Naval Vessel Historical Evaluation**  
FINAL DETERMINATION

This evaluation is unclassified

<b>Name</b>	<b>Hull Number</b>
HUGHES MINING BARGE	[HMB-1]
<b>Vessel Class</b>	<b>Previous Designation (if any)</b>
Submersible, covered floating dry dock	n/a
<b>Vessel Location</b>	<b>Current Status</b>
Suisin Bay Reserve Fleet, Benecia, CA	On donation hold since September 2006

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

**Vessel Snapshot**

<b>Lineage</b>	None
<b>Displacement</b>	No reliable information
<b>Length</b>	324 feet
<b>Beam</b>	105 feet
<b>Height</b>	70 feet
<b>Speed</b>	Not applicable
<b>Propulsion</b>	Non self-propelled
<b>Built By</b>	Not known
<b>Sponsor</b>	Not applicable
<b>Delivered</b>	Not known

<b>Commissioned</b>	Not applicable
<b>Decommissioned</b>	Not applicable
<b>Inactivated</b>	No date provided
<b>Stricken</b>	Not applicable

### Vessel History

<b>Deployment Summary</b>	Used in Project AZORIAN (attempted recovery of a sunken Soviet submarine) and SEA SHADOW (IX-529) project
<b>Awards</b>	None
<b>Noteworthy Events</b>	See deployment summary and below <b>Criteria Evaluation iv.</b>
<b>DANFS* Entry</b>	In early stages of preparation

*\*Dictionary of American Naval Fighting Ships*

### Criteria Evaluation<sup>1</sup>

<b>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.)</b>	No
<b>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?</b>	No

<sup>1</sup> 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.

(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 used to house and support the SEA SHADOW (IX-529), the vessel built to examine application of “stealth” technology (as employed in the USAF F-117 NIGHTHAWK fighter) on naval vessels. Prior to that employment, HMB-1 was used in the unprecedented HUGHES GLOMAR EXPLORER project utilized to recover a sunken Soviet submarine (Project AZORIAN)
v. Did some other historic or socially significant event occur on board the vessel?	Yes, the involvement in AZORIAN (above)
Assessment of integrity of (as appropriate) design, materials, workmanship, feeling and/or association	
<b>Historical Evaluation Conclusion</b>	Eligible

<b>Sources</b>	Fact Sheet, ex-SEA SHADOW (IX-529) and HUGHES MINING BARGE (HMB-1); Federal Register/Vol.71. No.178, Thursday, September 14, 2006; redacted Project AZORIAN: The Story of the GLOMAR EXPLORER; National Security Archives, Matthew Aid, “Project AZORIAN: The CIA’s Declassified History of the GLOMAR EXPLORER,” <a href="http://www.gwu.edu">www.gwu.edu</a> ; copies of all documentation gathered on file held by History and Archives Division, Naval History and Heritage Command

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**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	

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