

U.S. NAVAL BASE, PEARL HARBOR, FINGER PIER STRUCTURE
(U.S. Naval Base, Pearl Harbor, Naval Station)
(Pier Structure No. S291)
Ford Island, west of Ranger Loop, southwest of Wharf F-9
Pearl Harbor
Honolulu County
Hawaii

HAER No. HI-22

HAER
HI
2-PEHA,
67-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN ENGINEERING RECORD
National Park Service
Western Region
Department of the Interior
San Francisco, California 94107

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(U.S. Naval Base, Pearl Harbor, Naval Station)
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Location: Ford Island, west of Ranger Loop, southwest of Wharf F-9
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USGS Pearl Harbor Quadrangle, Hawaii
7.5 minute series (orthophotoquad)
Universal Transverse Mercator coordinates
4.606850.2363240 (scale - 1:24,000)

Date of Construction: 1922

Engineer: Fourteenth Naval District, Navy Yard, Pearl Harbor

Present Owner: Naval Station (NAVSTA), Pearl Harbor

Present Use: S291 is used by the U.S. Army for small craft berthing.

Significance: S291 is a reinforced concrete, pile-supported pier structure consisting of two 12' wide x 84' long finger piers built perpendicular to a 20' wide by 75' long header. Plans for repair work to S291 are included in Special Project R86-86, which proposes complete replacement of the deck, beams and pile caps to keep the finger piers in operation. The project also includes repair of the approach ramp, fender system, miscellaneous electrical work, and cathodic protection.

On the morning of 7 December 1941, a Japanese midget submarine gained entrance to Pearl Harbor. The U.S.S. Curtiss, located northwest across the Ford Island Channel from S291, sighted the midget submarine, and subsequently fired upon and sank the sub. The submarine sank in the Ford Island Channel nearby S291. The U.S. Naval Base at Pearl Harbor was designated as a National Historic Landmark in 1964. As a Category 3 structure, it has been determined that S291 functioned as part of the Pearl Harbor Naval Base, but is only of minor importance to the historic character of the National Historic Landmark.

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Project Development Branch
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Date: October 1992

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