



**US Army Corps
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Corps Celebrates Opening of Kaunalapau Harbor Breakwater

By Honolulu District Public Affairs

(FORT SHAFTER, HI -NR-025-07) The U.S. Army Corps of Engineers celebrated the dedication of the recently completed Kaunalapau Harbor Project with congressional, state, and county officials on Lanai, Hawaii, July 7, 2007.

Sen. Daniel K. Inouye, who attended and gave congratulatory remarks, was principally responsible for assuring funding from the initial conception to construction, without which, the project would never have been realized.

The 11 a.m. ceremony on the breakwater officially opened the \$28.2 million project that modified the Kaunalapau breakwater, which was originally built in the 1920s.

The new breakwater was constructed to reduce wave action in the harbor and to increase harbor safety and usability. Much of the damage to the previously existing breakwater was the result of storms during the 1980s and early 1990s.

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2-2-2 KAUMALAPAU

Kaumalapau, Lanai's only commercial harbor, was officially transferred from Lanai Company to the State of Hawaii in July 2000 and is essential to the welfare of the island's residents and visitors.

There are no other harbors on Lanai capable of accommodating tug and barge services, which bring in virtually all consumer goods and fuel.

Attending the ceremony were: Sen. Inouye; Sen. Daniel K. Akaka; Georgina Kawamura, Hawaii state Director of Finance representing Gov. Linda Lingle; Fred Pascua, Hawaii state Department of Transportation - Harbors Division; Maui County Council Chair Riki Hokama; the Corps' Pacific Ocean Division Director of Programs, Senior Executive Eugene Ban and Honolulu District Commander Lt. Col. Charles H. Klinge.

Representatives of the construction contractor, Vice President John Meagher, and Manager Jim Cole of Traylor Brothers, Inc. (Pacific) and the principal shipper, Glenn Hong, President and CEO of Young Brothers also attended.

The breakwater was constructed by Traylor Brothers, Inc. (Pacific) for the Corps using 819, 35-ton, Core-Loc units and underlayment rock. The Core-Loc units, designed by the Corps' Engineering Research and Development Center in Vicksburg, Miss., are some of the largest in the world.

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3-3-3 KAUMALAPAU

The units were fabricated by Grace Pacific, Inc, as sub-contracted by Traylor Brothers, Inc. on Oahu and shipped by barge to Lanai. The Core-Loc units were then strategically and specifically placed in 55 to 65 feet of water. In addition, a 300-foot section of cement was poured atop the breakwater's crest.

The project was physically complete on June 8, 2007 with a final inspection done June 14.

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