

**Project Name:** Waterborne Intrusion Detection System (WIDS)

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**Organizations/People Involved:**

FPO-1: Whitey Odden, Henning Ottson

**Date:** 1976-78

**Project Summary:**

All of the Navy's fleet are vulnerable to attacked when in port or in refit facilities. The Trident submarines, a major part of our nuclear deterrent capability, while undergoing refit operations, are especially vulnerable to enemy operations. Thus, waterborne protections systems while in the refit facilities are critically needed. One of the major Trident Refit facilities is located in the Hood Canal, Naval Submarine Base, Bangor, Washington. FPO-1 was tasked with finding an Ocean Facility solution to protect the Tridents while in a downtime operational status. FPO-1 first made an extensive survey of the environmental and facility conditions at the Hood Canal site in 1976-7. Based on these data, FPO-1 recommended the best state-of-the-art physical barrier technology to be applied to the Refit facility. The recommendations are also applicable to other naval home ports and installed Ocean Facilities.

**Project Report Link:** Environmental Review: ADA165470