

II. DESCRIPTION

The Naval Ammunition Depot, Hingham, is located on the south shore of Boston Harbor, eastward of the Weymouth Back River. It is approximately 10 miles by water from the Boston Naval Shipyard and 19 miles by highway. It adjoins the town of Hingham, Mass., on the northeast boundary. Land areas are irregular and heavily wooded with a maximum elevation of 120 feet. Government property includes a considerable acreage on the west bank of the Weymouth Back River extending from Highway 3A to Fresh River. This land is for safety distance only and is completely undeveloped. There are good highway connections to all routes, a direct rail spur to the New York, New Haven & Hartford Old Colony Branch and waterfront facilities for handling lighters.

The Cohasset Annex has a very rough terrain, being largely composed of small, rocky hills between large, deep swamps. The swamps are at an elevation varying from 40 feet to 140 feet. The annex area is approximately 3 miles southeast of the main depot with both rail and highway connections.

There are 357 buildings and structures almost equally divided between the main depot and the annex. These buildings provide for explosive operations, magazines, storehouses, guided missile service, maintenance shops, administration buildings, barracks, and public quarters. All of these facilities are served by electricity, steam, water, fire alarm and telephone distribution system. They are connected by extensive roads and railroad systems.

III. WORKLOAD BY PROGRAMS

Segregation.

Maintenance and modification.

Receipts, stowage, and issue.

Other maintenance and overhaul.

Material disposal.

BRIEF OF U.S. NAVAL TORPEDO STATION, KEYPORT, WASH.

I. MISSION

The mission of the Naval Torpedo Station, Keyport, as approved and revised by the Secretary of the Navy on February 13, 1959, is as follows: "To proof, test, evaluate, manufacture, and issue underwater weapons and components. Provide research and development services to naval and commercial activities as directed by the Bureau of Naval Weapons. Exercise design cognizance of underwater acoustic ranges and of range equipment."

II. DESCRIPTION

The U.S. Naval Torpedo Station at Keyport is located on the western shore of Puget Sound, the largest natural deep water harbor in the world. Keyport is 12 miles north of Bremerton and approximately 15 miles by air west of Seattle.

The property on which the activity is located is Navy owned. The original acquisition of 149.45 acres of hard land for \$86,000 was accomplished by condemnation proceedings.

Keyport was selected as the site for a west coast torpedo station because of the availability of Port Orchard Inlet, an ideal shallow water torpedo range. This range varies in depth from 50 to 90 feet providing a relatively easy recovery operation. With the advent of acoustic weapons, deeper water was necessary to avoid acoustic interference. Water of 200 to 300 feet in depth was found in Hood Canal adjacent to the ammunition depot at Bangor, and another body of water in nearby Dabob Bay of 600 feet in depth. This combination of features is large enough to permit submarine and destroyer operations of variable degrees and is developing into one of the most important range facilities for testing underwater weapons in the country.

The industrial facilities of the activity are concentrated in a relatively small area on a peninsula located on the eastern side of the station. In this area are the torpedo shops, a modern machine shop, a plating plant, a foundry, a sheet metal shop, electrical and electronic shops as well as several others which afford the station a comprehensive industrial capability. In 1957, a new large quality evaluation laboratory was completed and placed into operation. The latest addition to the activity's industrial capability is the naval passivating building. In this plant, bulk navol (concentrated hydrogen peroxide) is stored and loaded into individual torpedo flasks for convenience and safety purposes.