

Purpose

## Floating Plant Unit

The Floating Plant Unit operates five vessels that support special navigation programs.

"Special Navigation Programs. These navigation improvements are for specific purposes, and may be projects, elements of projects, or simply Corps activities. They are initiated and implemented on congressional authority (specific or continuing). They are usually subject to program or project expenditure limits, with cost sharing as specified in the original authority or as amended.

(a) Removal of Wrecks and Obstructions (Section 19, River and Harbor Act of 3 March 1899). The Corps may remove sunken vessels and similar objects if they are determined to be obstructions to navigation.

(b) Snagging and Clearing for Navigation (Section 3, River and Harbor Act of 1945). The Corps may remove trees, brush and other debris that may be determined to be obstructions to navigation or that may promote flooding.

(c) Drift and Debris Removal (Section 202, Water Resources Development Act Of 1976).

The Corps has continuing authority to study and undertake projects to remove and dispose of derelict objects such as sunken vessels, waterfront debris and derelict structures, and other sources of drift that may damage vessels or threaten public health, recreation, or the environment at publicly maintained commercial boat harbors. The harbor need not be, but usually is a Corps project. Congressional authorization is required for projects with Federal costs of \$400,000 or more". ([USACE Engineering](#)

## [Regulation 1105-2-100](#)

### Motor Vessel Puget



The M/V Puget patrols the inland waters of Puget Sound collecting debris and obstructions to navigation. The Puget is 104 feet long with a 30 foot beam. This flat bottom steel vessel was built in 1944 for the Navy. It is powered by twin Cummins diesel engines with 30 kilowatt and a 55 kilowatt diesel generators. The Puget has a five person crew and is based out of the Hiram M. Chittenden locks in Ballard, Washington.

### Shoalhunter Survey Boat



The Shoalhunter is 56 feet long and has a fiberglass hull. It is powered by twin Caterpillar diesel engines. This ocean-going class boat has a three person crew and is based out of Hoquiam, Washington. It conducts hydrographic survey work in Grays Harbor, Willapa Harbor and the Washington coastal waters.

#### 32 boat ~ Multibeam

The multibeam hydrographic survey boat is based out of Hoquiam, Washington. It works the Washington coastal waters, Grays Harbor and Puget Sound waters conducting single beam and multibeam hydrographic surveys with a crew of two to three. The boat is a 23 foot aluminum hull, powered by twin Yamaha 150 horsepower engines.

#### 31 Boat



The 31 boat crew is based out of the Lake Washington Ship Canal and works the inland waterways of Puget Sound. It conducts single beam hydrographic surveys with a crew of three persons. The boat is 25 foot long, aluminum hull and is powered by a gas inboard W96 Mercruiser engine.

#### 10 Boat

The 10 boat is based out of Hoquiam, Washington and works the Grays Harbor and Puget Sound Waters conducting single beam surveys with a crew of two to three. The boat is 18 feet long, aluminum hull powered by a Yamaha 150 horsepower engine.

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