

JTMD RESPONSE



Response DETAILS:

Summary:

Date Reported:	January 15, 2014
Debris:	Fiberglass Boat
Identification #:	MG3-39782
Estimated Time at Sea:	2.8 years (1,040 days)
Japanese Tsunami Debris Confirmation:	Pending
Washington State Location:	Twin Harbors Beach
Size:	6.7 m x 2 m
Sample Collection:	Schultz & Pleus (WDFW)
Beach Removal:	State Parks & WDFW

Number Japanese Coastal Species: **Estimated 4 -10**

The Japanese name of the boat has been translated as “Dai Jyū Hachi Ei-Fuku-Maru” with a vessel registration number of MG3-39782. Confirmation is pending that the boat is debris from the March 2011 Great East Japan Earthquake and resulting tsunami. The boat was reported on January 15th by Tanya Lana, from the nearby town of Cohasset Beach, on Twin Harbors Beach just south of the town of Westport. WDFW and State Parks responded to the event and were able to remove the boat by the end of the next day during low tide using heavy equipment provided by Parks. WDFW staff collected samples of the organisms attached to the boat for assessment of aquatic invasive species risk. An estimated 95% of specimens appear to be common open sea species including gooseneck barnacles (*Lepas anatifera*), hydroids, and green algae. Close investigation found a few likely Japanese coastal species including one blue mussel (*Mytilus galloprovincialis*), one species of oyster, one barnacle (*Megabalanus rosa*), amphipods, and brown algae. It is unknown whether the number and diversity of species is low due to being 1,040 days at sea, or if the boat never received a strong inoculation of coastal species before or after the tsunami.