

## **README Astoria Canyon Data**

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### **Multibeam**

#### **SeaBeam 2100 (R/V Ron Brown RB-01-05)**

For information regarding the multibeam bathymetry collected on the expedition contact:

Susan Merle.

The SeaBeam 2100 data, in the folder “edited\_mb”, were originally cleaned at sea using MBSYSTEM programs. All files in that folder have been edited and have an “.ed” extension. The raw data are in the “raw\_data” folder. The data were finalized by Chris Goldfinger's Active Tectonics Lab at Oregon State University. <http://activetectonics.coas.oregonstate.edu/>. No extensive metadata exist regarding data post-processing steps. For some reason the files were not converted from .mb41 to .mb42, instead the mb41 files were edited. Those are the files with the .ed extension.

A combined bathymetric grid of Astoria Canyon is also provided in the “edited\_mb” directory. This grid was created by the Chris Goldfinger Active Tectonics and Seafloor Mapping Lab at Oregon State University, and combines the RB-01-05 data with data collected previously in the area.

These data were not allowed to be released to the public until the navy allowed it. The data were within the Navy exclusion zone north of 46° and thus were classified. In 2008 all the data collected north of 46° was allowed to be released.