NOTES

Control is by USACE and NOS-C&GS.
Coordinates are based on the Lambert Projection for Oregon, North Zone.
Datum is Mean Lower Low Water (MLLW) is 3.56 feet below National Geodetic Vertical Datum, at Fort Stevens, 1947 adjustment.
Soundings are shown in feet and indicate depths below MLLW.
Elevations are shown thus: +2, indicating height in feet above CRD.
Reference is Navigation Chart No. 18521.

The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general condition existing at that time.

■ CONDITION ▭ PREDREDGE ▭ POSTDREDGE

COLUMBIA RIVER AT THE MOUTH
OREGON AND WASHINGTON

APPROACHES

17 AUGUST 2005

SCALE IN FEET
2000 0 2000 4000 6000 8000

U.S. ARMY ENGINEER DISTRICT, PORTLAND
OPERATIONS DIVISION

SUBMITTED
CHIEF, HYDROGRAPHIC SURVEYS
RECOMMENDED
CHIEF, WATERWAYS MAINTENANCE SECTION

APPROVED
PROJECT MANAGER, CHANNELS AND HARBORS

SURVEYED: JAW PLOTTED: JAP CHECKED: JAP

MC-1-878