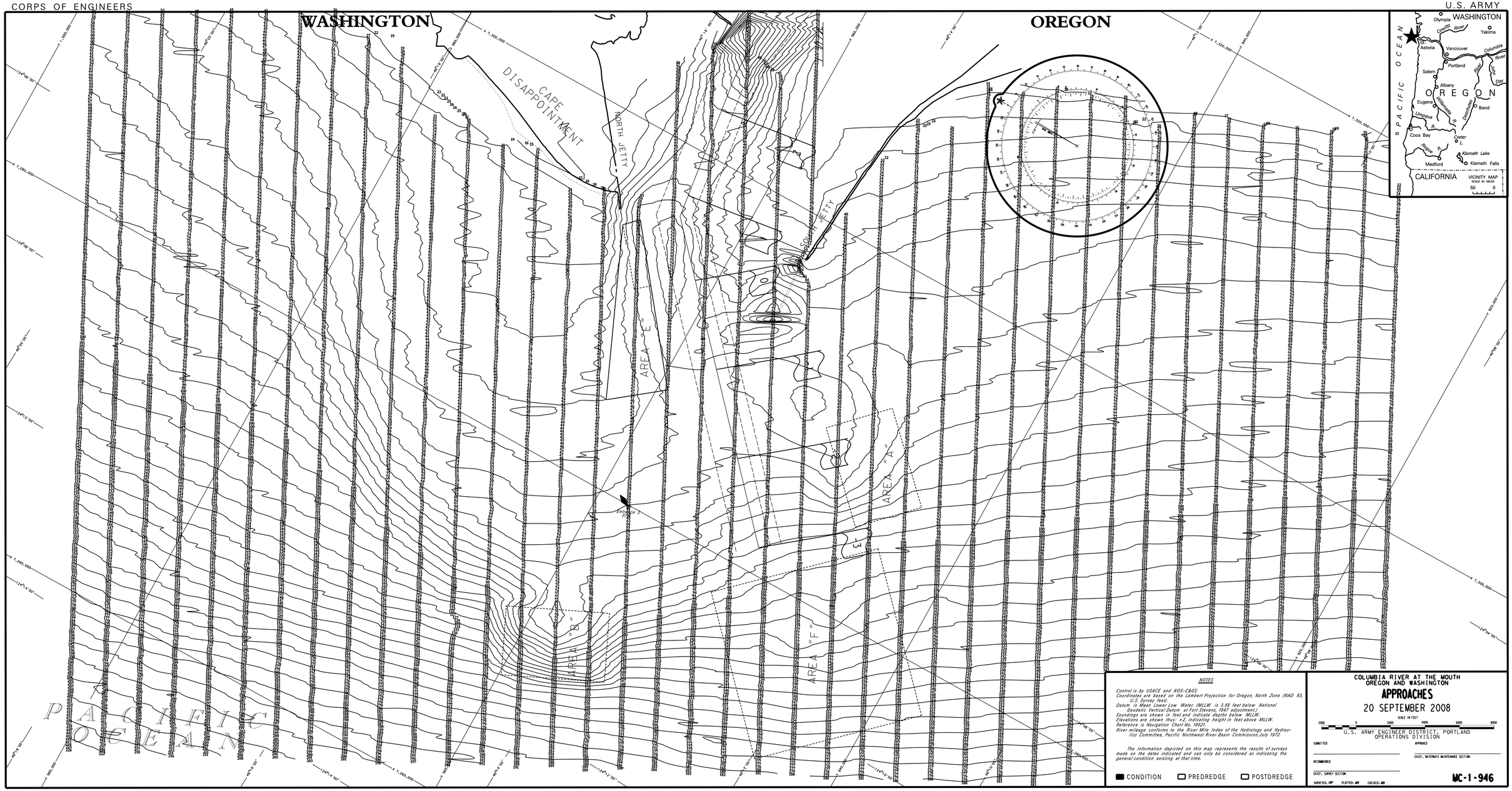
CORPS OF ENGINEERS

U.S. ARMY



NOTES

Control is by USACE and NOS-C&GS.
Coordinates are based on the Lambert Projection for Oregon, North Zone (NAD 83, U.S. Survey feet).
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 MLLW.
Reference is Navigation Chart No. 18521.
River mileage conforms to the River Mile Index of the Hydrology and Hydraulics Committee, Pacific Northwest River Basin Commission, July 1972.

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

20 SEPTEMBER 2008

SCALE IN FEET
2000 0 2000 4000 6000 8000

U.S. ARMY ENGINEER DISTRICT, PORTLAND
OPERATIONS DIVISION

SUBMITTED: APPROVED:

RECOMMENDED: CHIEF, MAINTENANCE SECTION

CHIEF, SURVEY SECTION

SURVEYED: ARF PLOTTED: ARF CHECKED: ARF

MC-1-946

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