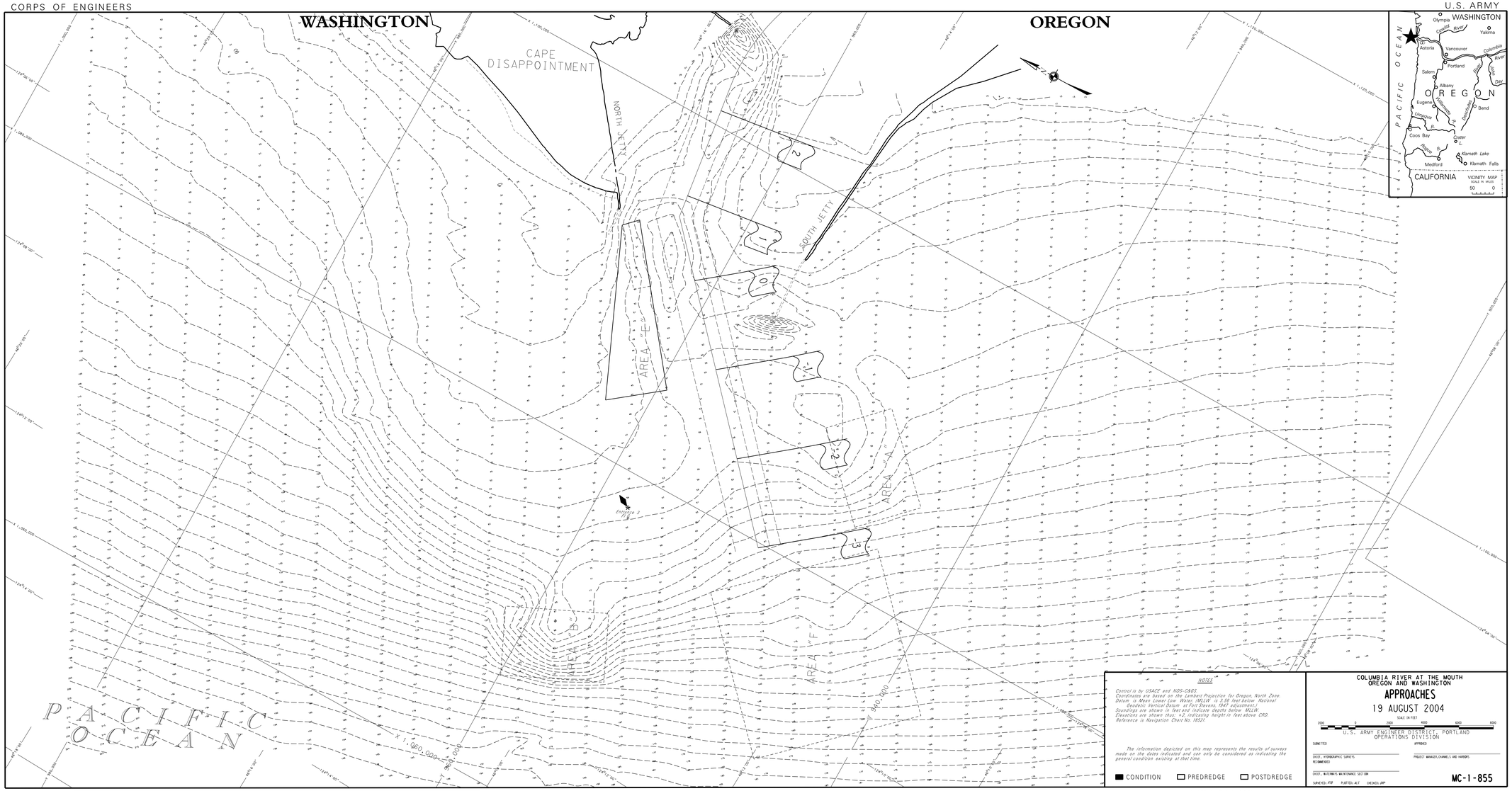
CORPS OF ENGINEERS

U.S. ARMY



NOTES

Control is by USACE and NOS-C&GS.
Coordinates are based on the Lambert Projection for Oregon, North Zone.
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

19 AUGUST 2004

SCALE IN FEET

2000 0 2000 4000 6000 8000

U.S. ARMY ENGINEER DISTRICT, PORTLAND
OPERATIONS DIVISION

SUBMITTED

APPROVED

CHIEF, HYDROGRAPHIC SURVEYS
RECOMMENDED

PROJECT MANAGER, CHANNELS AND HARBORS

CHIEF, WATERWAYS MAINTENANCE SECTION

SURVEYED: PJF PLOTTED: ACT CHECKED: JMP

MC-1-855

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RV = 60.9827