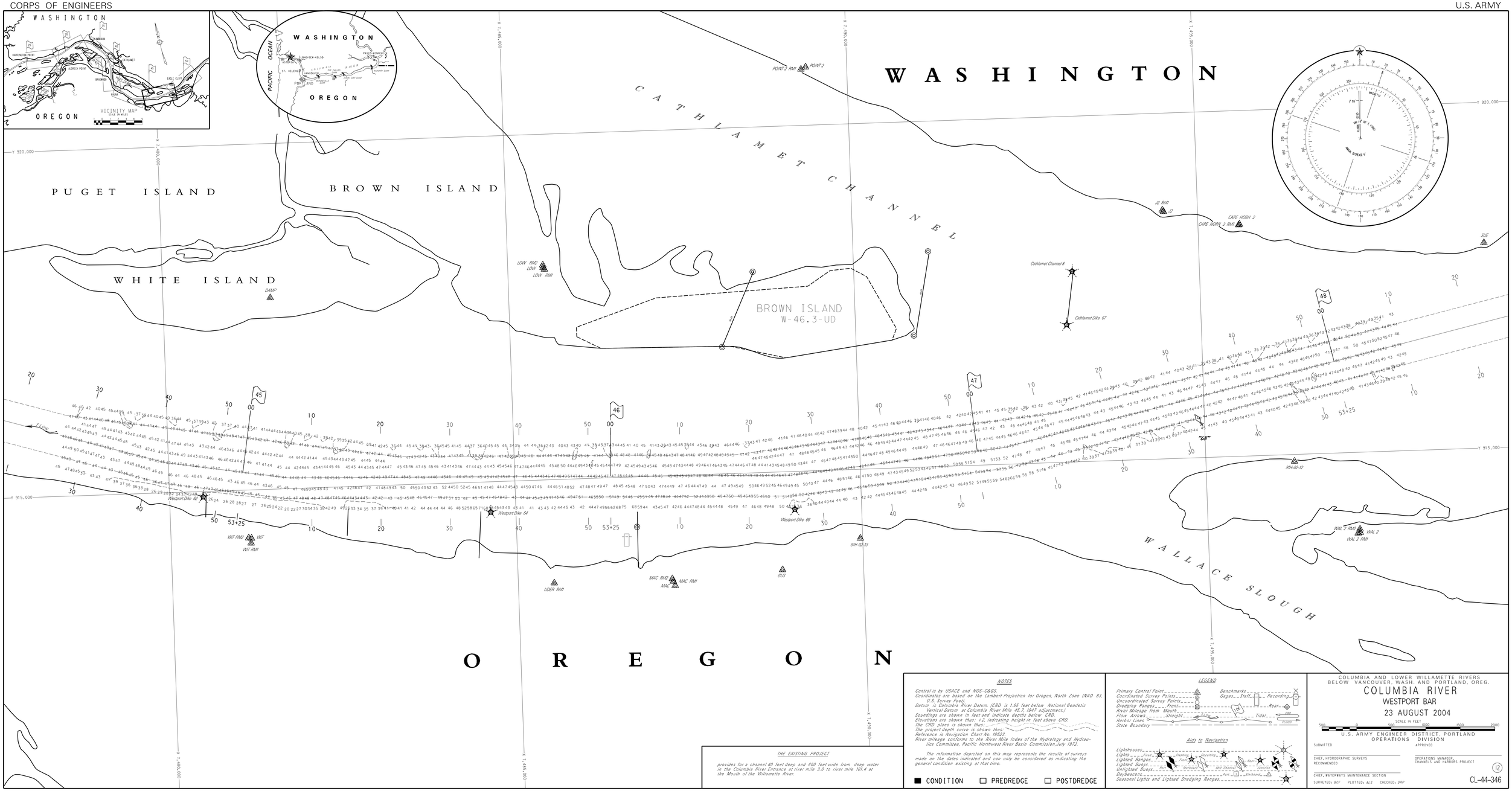

THE EXISTING PROJECT

provides for a channel 40 feet deep and 600 feet wide from deep water in the Columbia River Entrance at river mile 3.0 to river mile 101.4 at the Mouth of the Willamette River.

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 Columbia River Datum. (CRD is 1.65 feet below National Geodetic Vertical Datum at Columbia River Mile 46.7, 1947 adjustment.)
Soundings are shown in feet and indicate depths below CRD.
Elevations are shown thus: +2, indicating height in feet above CRD.
The CRD plane is shown thus:
The project depth curve is shown thus:
Reference is Navigation Chart No. 18523.
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

LEGEND

Primary Control Point
Coordinated Survey Points
Uncoordinated Survey Points
Dredging Ranges: Front
River Mileage from Mouth
Flow Arrows: Straight
Harbor Lines
State Boundary
Benchmarks
Gages: Staff, Recording
Tidal
FLOW

Aids to Navigation

Lighthouses
Lights: Fixed
Lighted Ranges: Fixed
Lighted Buoys: Port
Unlighted Buoys: Port
Daybeacons: Port
Seasonal Lights and Lighted Dredging Ranges
Floating
Occulting
Range
Group
Big Daybeacon
Starboard

COLUMBIA AND LOWER WILLAMETTE RIVERS
BELOW VANCOUVER, WASH. AND PORTLAND, OREG.

COLUMBIA RIVER

WESTPORT BAR

23 AUGUST 2004

SCALE IN FEET

U.S. ARMY ENGINEER DISTRICT, PORTLAND
OPERATIONS DIVISION

SUBMITTED

APPROVED

CHIEF, HYDROGRAPHIC SURVEYS
RECOMMENDED

OPERATIONS MANAGER,
CHANNELS AND HARBORS PROJECT

CHIEF, WATERWAYS MAINTENANCE SECTION

SURVEYED: BCF PLOTTED: ALS CHECKED: DRP

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CL-44-346

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