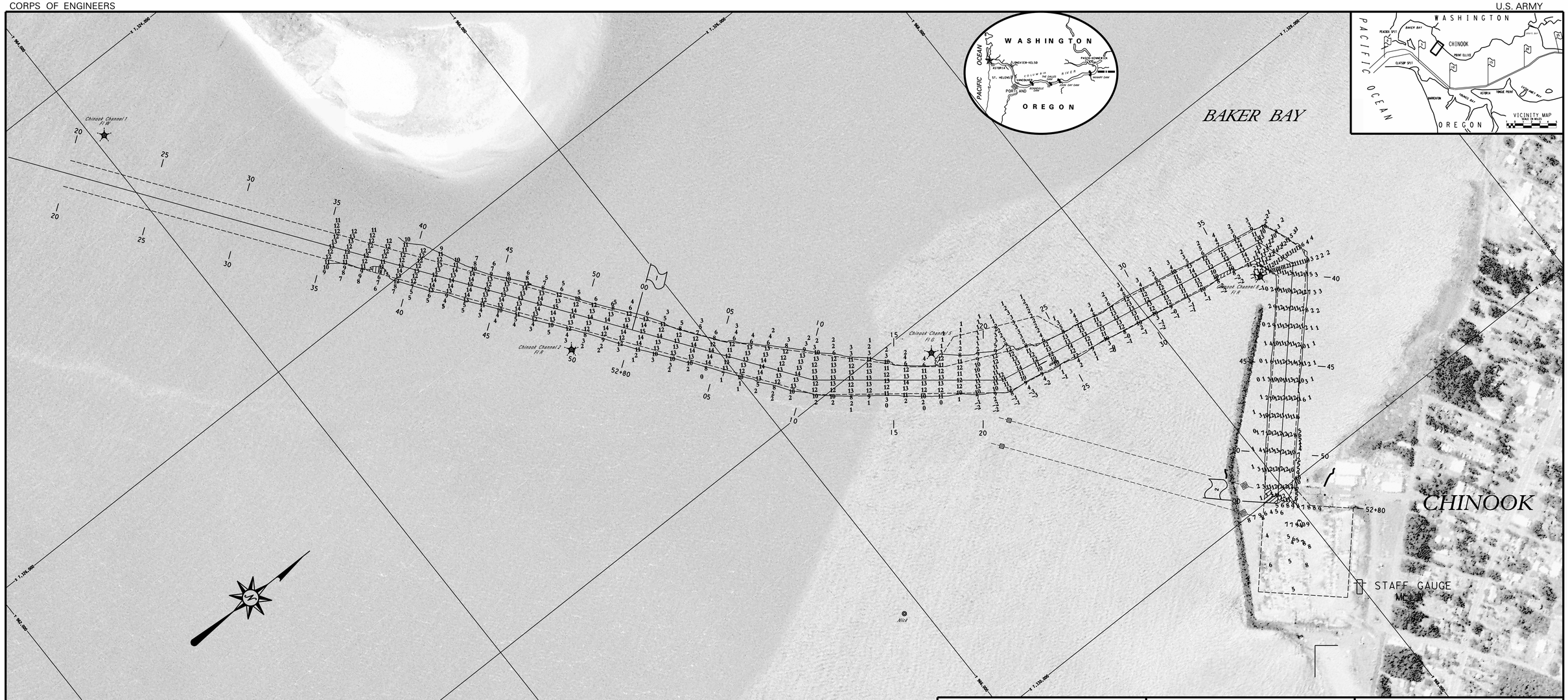
CORPS OF ENGINEERS

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 3.69 feet below National Geodetic Vertical Datum at Chinook, 1947 adjustments.)
Soundings are shown in feet and indicate depths below MLLW.
Elevations are shown thus: +2, indicating height in feet above MLLW.
The MLLW plane is shown thus:
The project depth curve is shown thus:
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

THE EXISTING PROJECT

provides for a channel 10 feet deep and 150 feet wide from deep water in the Columbia River to a turning and mooring basin 10 feet deep, 590 feet long and 500 feet wide at Chinook. The turning and mooring basin is maintained by local interests.

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
Rear
Tidal
Flow
Flood

Aids to Navigation

Lighthouses
Lights Fixed Flashing Occulting
Lighted Ranges Front Rear
Lighted Buoys Port Starboard Mid Channel Junction
Unlighted Buoys
Daybeacons Port Starboard
Seasonal Lights and Lighted Dredging Ranges

COLUMBIA RIVER BETWEEN CHINOOK, WASH. AND THE HEAD OF SAND ISLAND

CHINOOK

ENTRANCE AND MOORING BASIN

21 OCTOBER 2008–3 DECEMBER 2008

SCALE IN FEET

200 0 200 400 600 800

U.S. ARMY ENGINEER DISTRICT, PORTLAND
OPERATIONS DIVISION

SUBMITTED

RECOMMENDED

CHIEF, SURVEY SECTION

APPROVED

CHIEF, WATERWAYS MAINTENANCE SECTION

SURVEYED: LRL PLOTTED: MRL CHECKED: MRL

CL-5-457

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