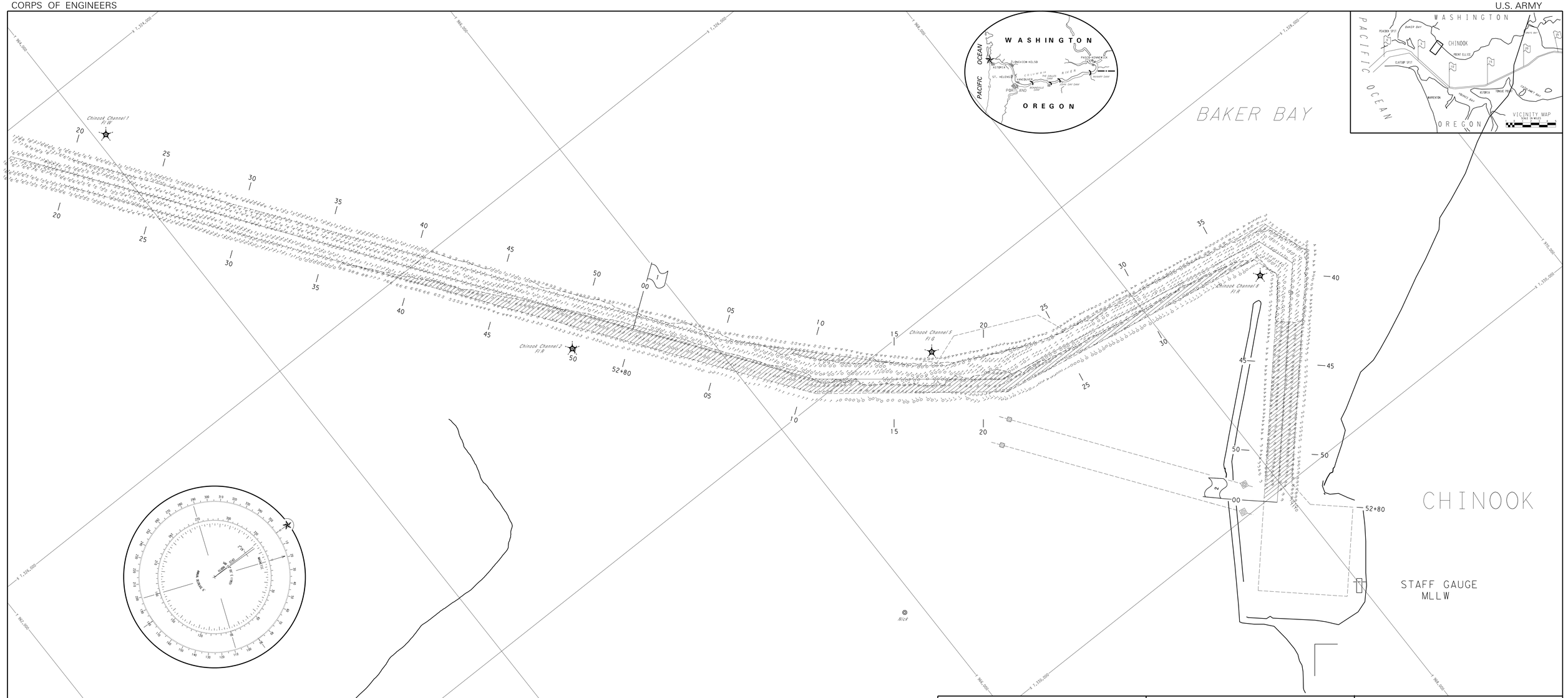

NOTES

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, Rear
River Mileage from Mouth
Flow Arrows — Straight, Tidal
Harbor Lines
State Boundary
Benchmarks
Gages — Staff, Recording

Aids to Navigation

Lighthouses
Lights — Fixed, Flashing, Occulting
Lighted Ranges — Front, Rear
Lighted Buoys
Unlighted Buoys — Port, Starboard, Mid Channel, Junction
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
17 MARCH 2004

SCALE IN FEET: 200 0 200 400 600 800

U.S. ARMY ENGINEER DISTRICT, PORTLAND
OPERATIONS DIVISION

SUBMITTED

APPROVED

CHIEF, HYDROGRAPHIC SURVEYS
RECOMMENDED

OPERATIONS MANAGER
CHANNELS AND HARBORS PROJECTS

CHIEF, WATERWAYS MAINTENANCE SECTION

SURVEYED: J.R. PLOTTED: R.L.P. CHECKED: DRP

CL-5-445