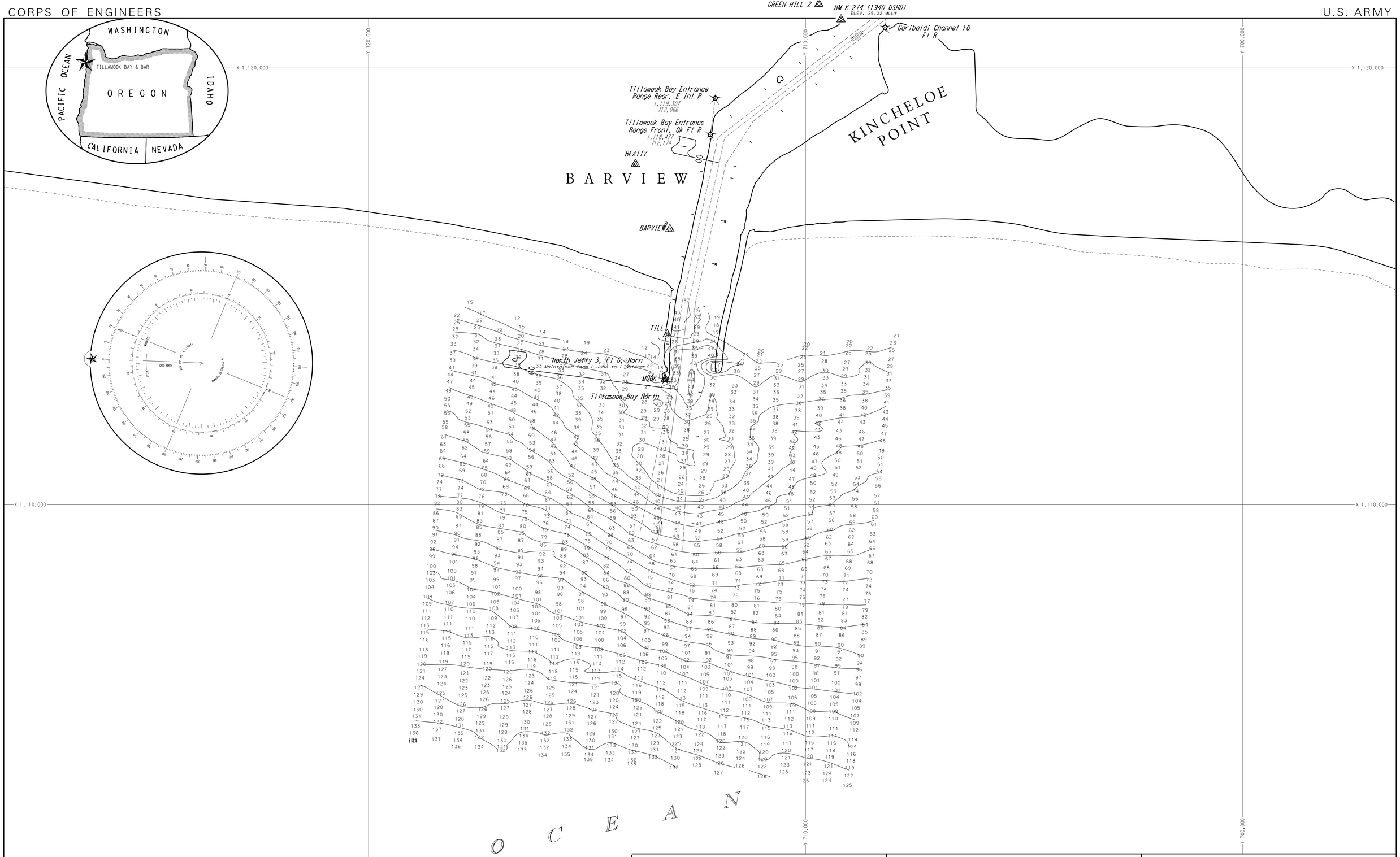
CORPS OF ENGINEERS

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 3.09 feet below National Geodetic Vertical Datum at the Garibaldi boat basin, 1947 adjustment.)
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. 18558.

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, Flow, Tidal, EBB, FLOOD
Harbor Lines
State Boundary

Benchmarks
Gages — Staff, Recording, Rear

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

APPROACHES TO TILLAMOOK BAY

23 JUNE 2003

SCALE IN FEET

1000 0 1000 2000 3000

U.S. ARMY ENGINEER DISTRICT, PORTLAND
OPERATIONS DIVISION

SUBMITTED

CHIEF, HYDROGRAPHIC SURVEYS

RECOMMENDED

CHIEF, WATERWAYS MAINTENANCE SECTION

APPROVED

PROJECT MANAGER, CHANNELS AND HARBORS

SURVEYED: HWF PLOTTED: REP CHECKED: KJK

TM-1-344