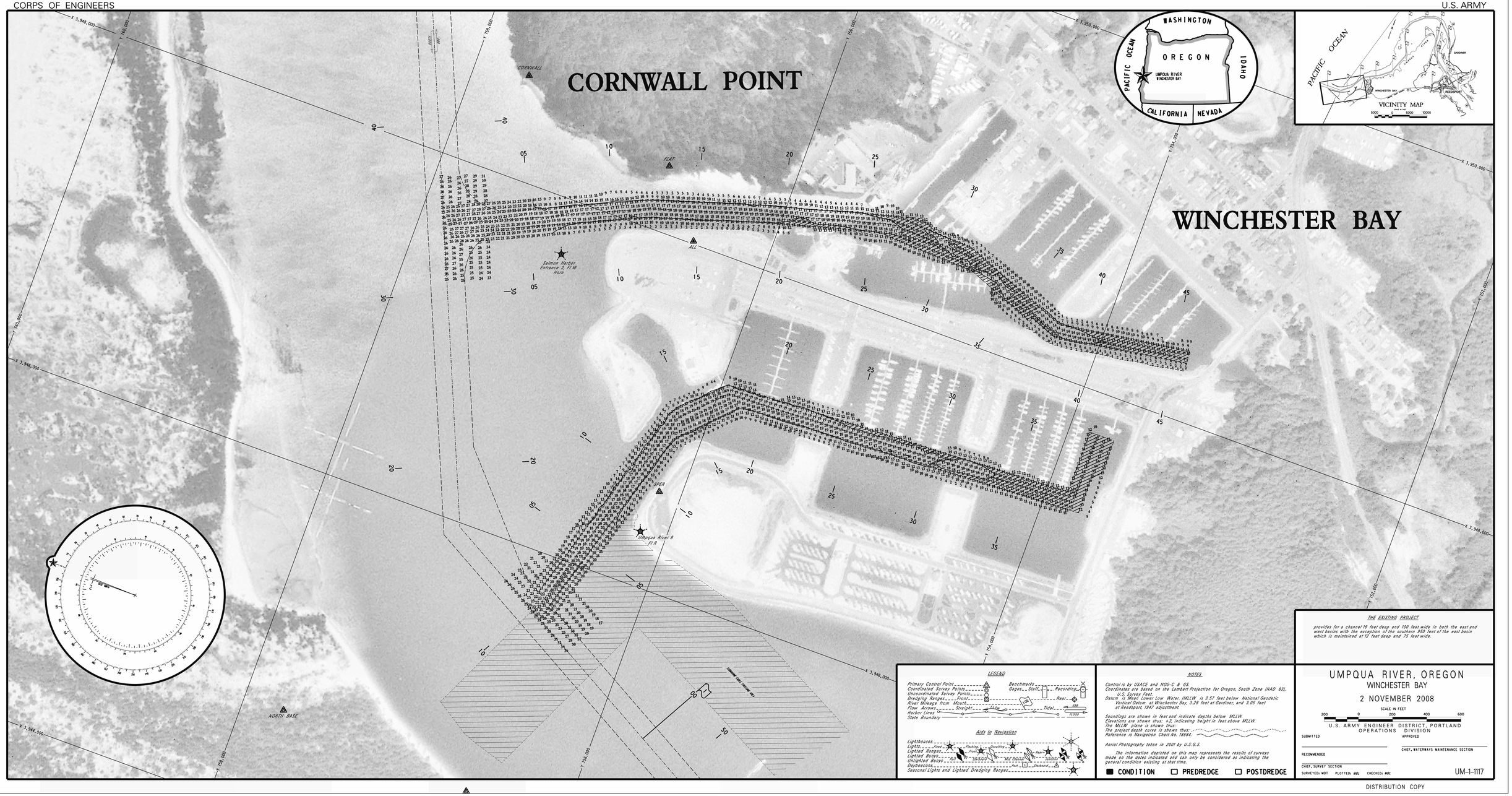
CORPS OF ENGINEERS

U.S. ARMY



THE EXISTING PROJECT

provides for a channel 16 feet deep and 100 feet wide in both the east and west basins with the exception of the southern 950 feet of the east basin which is maintained at 12 feet deep and 75 feet wide.

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
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

NOTES

Control is by USACE and NOS-C & GS.
Coordinates are based on the Lambert Projection for Oregon, South Zone (NAD 83), U.S. Survey Feet.
Datum is Mean Lower Low Water. (MLLW is 3.57 feet below National Geodetic Vertical Datum at Winchester Bay, 3.28 feet at Gardiner, and 3.05 feet at Reedsport, 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. 18584.

Aerial Photography taken in 2001 by U.S.G.S.

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

UMPQUA RIVER, OREGON

WINCHESTER BAY

2 NOVEMBER 2008

SCALE IN FEET

200 0 200 400 600

U.S. ARMY ENGINEER DISTRICT, PORTLAND
OPERATIONS DIVISION

SUBMITTED

APPROVED

RECOMMENDED

CHIEF, WATERWAYS MAINTENANCE SECTION

CHIEF, SURVEY SECTION

SURVEYED: MDT PLOTTED: MBL CHECKED: MBL

UM-1-1117

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