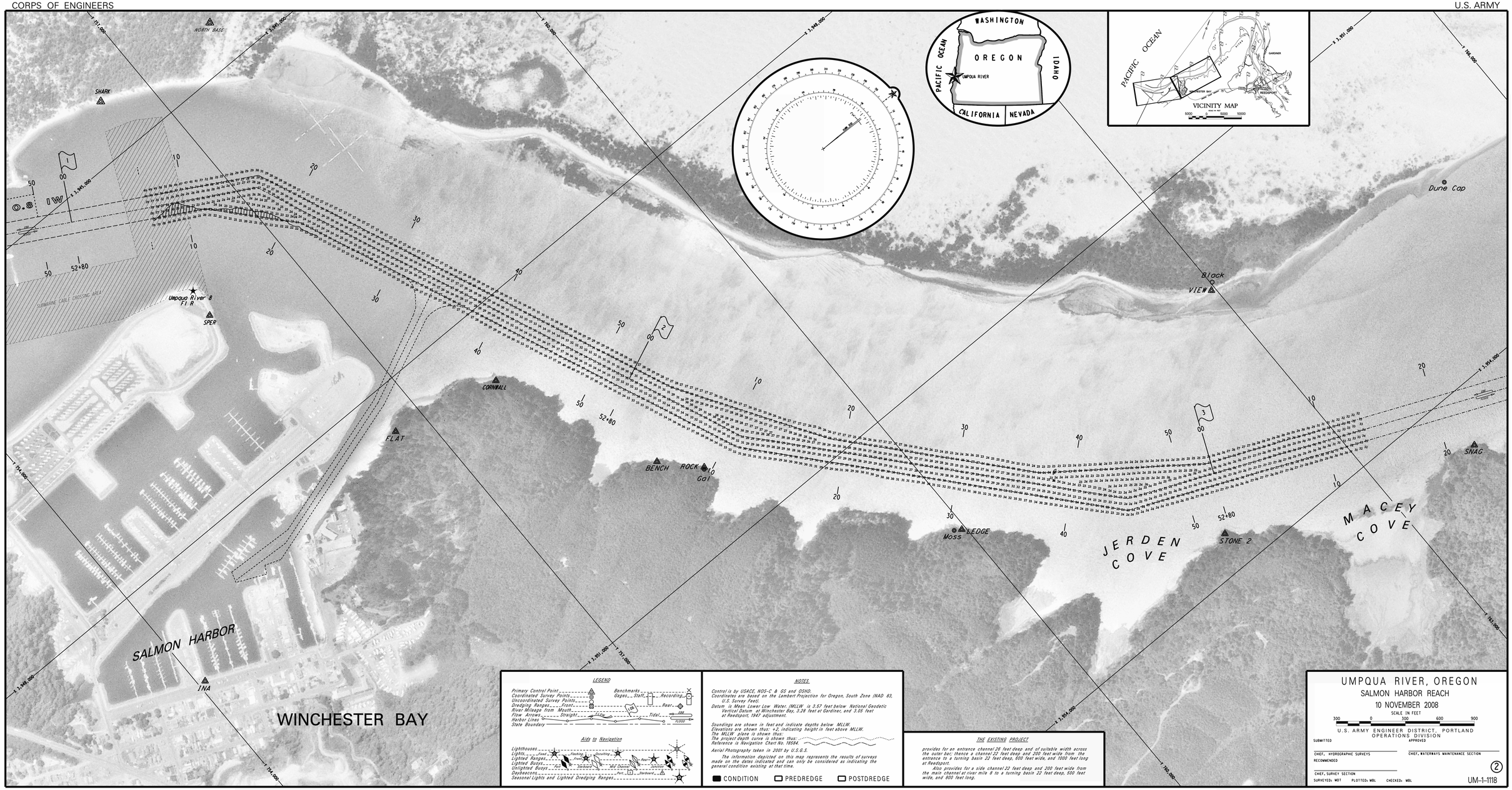

LEGEND

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

Aids to Navigation

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

NOTES

Control is by USACE, NOS-C & GS and OSHD.
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, 3.38 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

THE EXISTING PROJECT

provides for an entrance channel 26 feet deep and of suitable width across the outer bar; thence a channel 22 feet deep and 200 feet wide from the entrance to a turning basin 22 feet deep, 600 feet wide, and 1000 feet long at Reedsport.

Also provides for a side channel 22 feet deep and 200 feet wide from the main channel at river mile 8 to a turning basin 22 feet deep, 500 feet wide, and 800 feet long.

UMPQUA RIVER, OREGON

SALMON HARBOR REACH

10 NOVEMBER 2008

SCALE IN FEET
300 0 300 600 900

U.S. ARMY ENGINEER DISTRICT, PORTLAND
OPERATIONS DIVISION

SUBMITTED
CHIEF, HYDROGRAPHIC SURVEYS
RECOMMENDED
CHIEF, SURVEY SECTION

APPROVED
CHIEF, WATERWAYS MAINTENANCE SECTION

SURVEYED: WOT PLOTTED: WBL CHECKED: WBL

2

UM-1-1118