CORPS OF ENGINEERS

U.S. ARMY

PACIFIC OCEAN

PEACOCK SPIT

NORTH JETTY

SOUTH JETTY

SAND ISLAND

BAKER BAY

CLATSOP SPIT

DESDEMONA SHOAL CHANNEL

6000 FT.

Baker Bay 14

Baker Bay 12

Baker Bay 14

91H-01-05

DISAPPOINTMENT

Baker Bay 8

Dike

Day Beacon 6

HEEL

Baker Bay 2

Baker Bay 1

Desdemona Sands Leading, Fl W

WASHINGTON

OREGON

Sand Island Range Front, Qk Fl W

Sand Island Range E Int W

Sand Island Lower Dike Fl G

Sand Island Middle Dike Fl G

Sand Island Upper Dike Fl G

WEST

Survey Tower

New Coast Guard Lookout

EAST JETTY 2

VICINITY MAP

SCALE IN MILES

WASHINGTON

OREGON

PACIFIC OCEAN

PEACOCK SPIT

CLATSOP SPIT

CHINOOK

POINT ELLICE

ASTORIA

TONGUE POINT

HAMMONDS

WARRENTON

GRAYS BAY

YAQUINA BAY

COLUMBIA RIVER

ASTORIA

ST. HELENS

VANCOUVER

PORTAND

KLONDIKE-KELSO

RAINIER

PASCO-KENNEWICK

BONNEVILLE DAM

The Dalles Dam

John Day Dam

McNary Dam

LEGEND

Primary Control Point

Coordinated Survey Points

Uncoordinated Survey Points

Dredging Ranges

River Mileage from Mouth

Flow Arrows

Harbor Lines

State Boundary

Benchmarks

Gages

Staff

Recording

Rear

Tidal

Aids to Navigation

Lighthouses

Lights

Lighted Ranges

Lighted Buoys

Unlighted Buoys

Daybeacons

Seasonal Lights and Lighted Dredging Ranges

Flashing

Occulting

Front

Rear

Port

Starboard

MID Channel

Junction

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 3.58 feet below National Geodetic Vertical Datum at Fort Stevens, 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. 18521.

River mileage conforms to the River Mile Index of the Hydrology and Hydraulics Committee, Pacific Northwest River Basin Commission.

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 2640 feet wide over the entrance bar. The northerly 2000 feet to a depth of 55 feet and the southerly 640 feet to a depth of 48 feet.

COLUMBIA RIVER AT THE MOUTH

OREGON AND WASHINGTON

MCR-SWS and NJ1

23 SEPTEMBER 2008

SCALE IN FEET

1000 0 1000 2000 3000 4000

U.S. ARMY ENGINEER DISTRICT, PORTLAND

OPERATIONS DIVISION

SUBMITTED

APPROVED

CHIEF, WATERWAYS MAINTENANCE SECTION

RECOMMENDED

CHIEF, SURVEY SECTION

SURVEYED: AWF PLOTTED: ABC CHECKED: ABC

MC-1-945

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