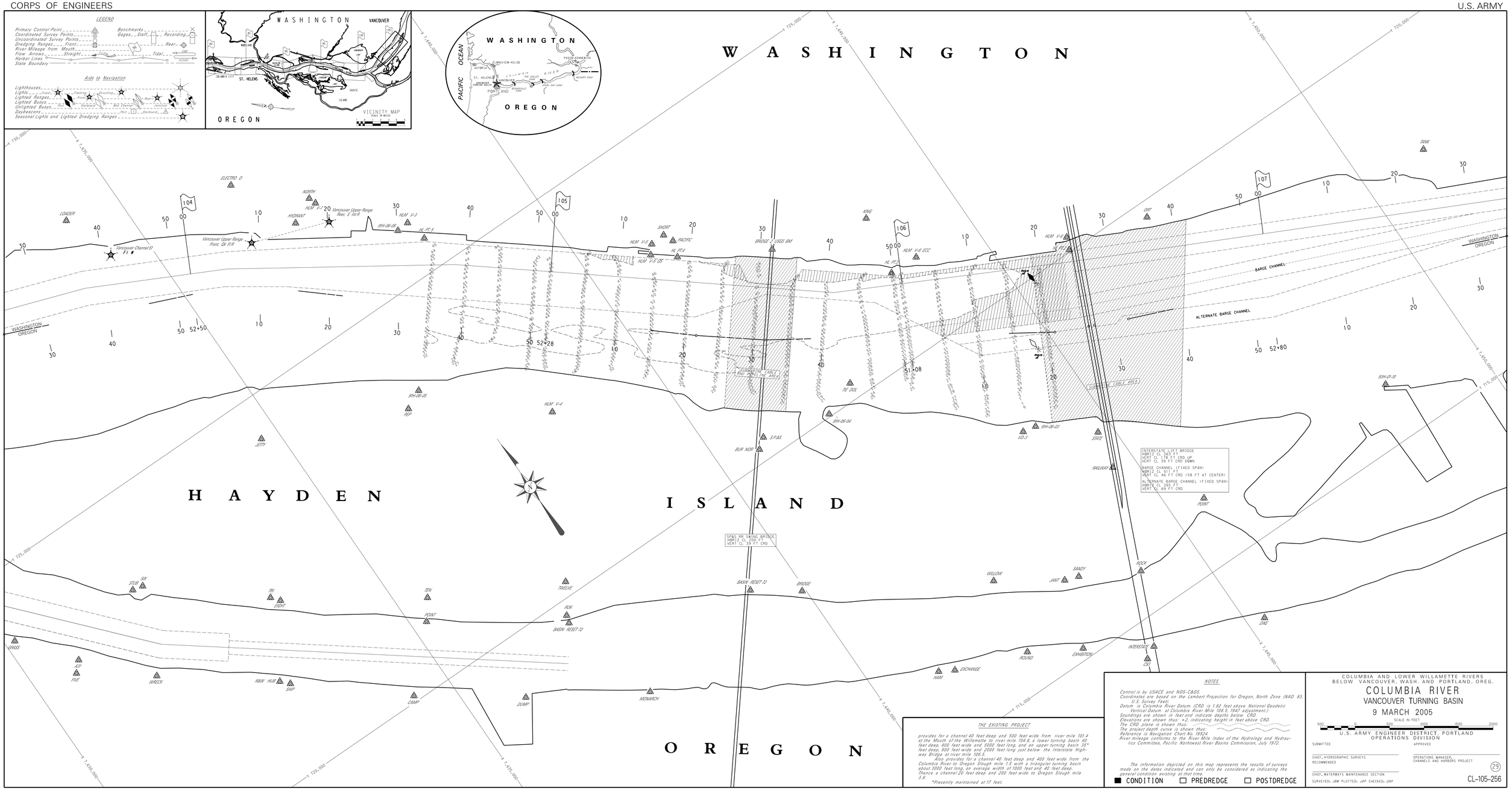
LEGEND
Primary Control Point
Coordinated Survey Points
Uncoordinated Survey Points
Dredging Ranges
River Mileage from Mouth
Flow Arrows
Harbor Lines
State Boundary
Benchmarks
Gages
Recording
Aids to Navigation
Lighthouses
Lights
Lighted Ranges
Lighted Buoys
Unlighted Buoys
Daybeacons
Seasonal Lights and Lighted Dredging Ranges
WASHINGTON
VANCOUVER
COLUMBIA CITY
ST. HELENS
SAUVIE ISLAND
OREGON
VICINITY MAP
SCALE IN MILES
PACIFIC OCEAN
WASHINGTON
OREGON
LONGVIEW-KELSO
ASTORIA
ST. HELENS
VANCOUVER
PORTLAND
PASCO-KENNEWICK
MCNARY DAM
JOHN DAY DAM
BONNEVILLE DAM
THE DALLES DAM
COLUMBIA RIVER
WASHINGTON
OREGON
HAYDEN ISLAND
OREGON
BARGE CHANNEL
ALTERNATE BARGE CHANNEL
INTERSTATE LIFT BRIDGE
HORIZ CL 263 FT
VERT CL 176 FT CRD UP
VERT CL 39 FT CRD DOWN
BARGE CHANNEL (FIXED SPAN)
HORIZ CL 511 FT
VERT CL 46 FT CRD (58 FT AT CENTER)
ALTERNATE BARGE CHANNEL (FIXED SPAN)
HORIZ CL 265 FT
VERT CL 69 FT CRD
SP&S RR SWING BRIDGE
HORIZ CL 300 FT
VERT CL 39 FT CRD
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 Columbia River Datum. (CRD is 1.82 feet above National Geodetic Vertical Datum at Columbia River Mile 106.5, 1947 adjustment.)
Soundings are shown in feet and indicate depths below CRD.
Elevations are shown thus: +2, indicating height in feet above CRD.
The CRD plane is shown thus:
The project depth curve is shown thus:
Reference is Navigation Chart No. 18524.
River mileage contrains to the River-Mile Index of the Hydrology and Hydraulics Committee, Pacific Northwest River Basins Commission, July 1972.
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 40 feet deep and 500 feet wide from river mile 101.4 at the Mouth of the Willamette to river mile 104.6, a lower turning basin 40 feet deep, 600 feet wide and 5000 feet long, and an upper turning basin 26* feet deep, 800 feet wide and 2000 feet long just below the Interstate Highway Bridge at river mile 106.5.
Also provides for a channel 40 feet deep and 400 feet wide from the Columbia River to Oregon Slough mile 1.5 with a triangular turning basin about 3000 feet long, an average width of 1000 feet and 40 feet deep. Thence a channel 20 feet deep and 200 feet wide to Oregon Slough mile 3.8.
*Presently maintained at 17 feet.
COLUMBIA AND LOWER WILLAMETTE RIVERS
BELOW VANCOUVER, WASH. AND PORTLAND, OREG.
COLUMBIA RIVER
VANCOUVER TURNING BASIN
9 MARCH 2005
SCALE IN FEET
U.S. ARMY ENGINEER DISTRICT, PORTLAND
OPERATIONS DIVISION
SUBMITTED
APPROVED
CHIEF, HYDROGRAPHIC SURVEYS RECOMMENDED
OPERATIONS MANAGER, CHANNELS AND HARBORS PROJECT
CHIEF, WATERWAYS MAINTENANCE SECTION
SURVEYED: JBW PLOTTED: JAP CHECKED: DRP
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CL-105-256