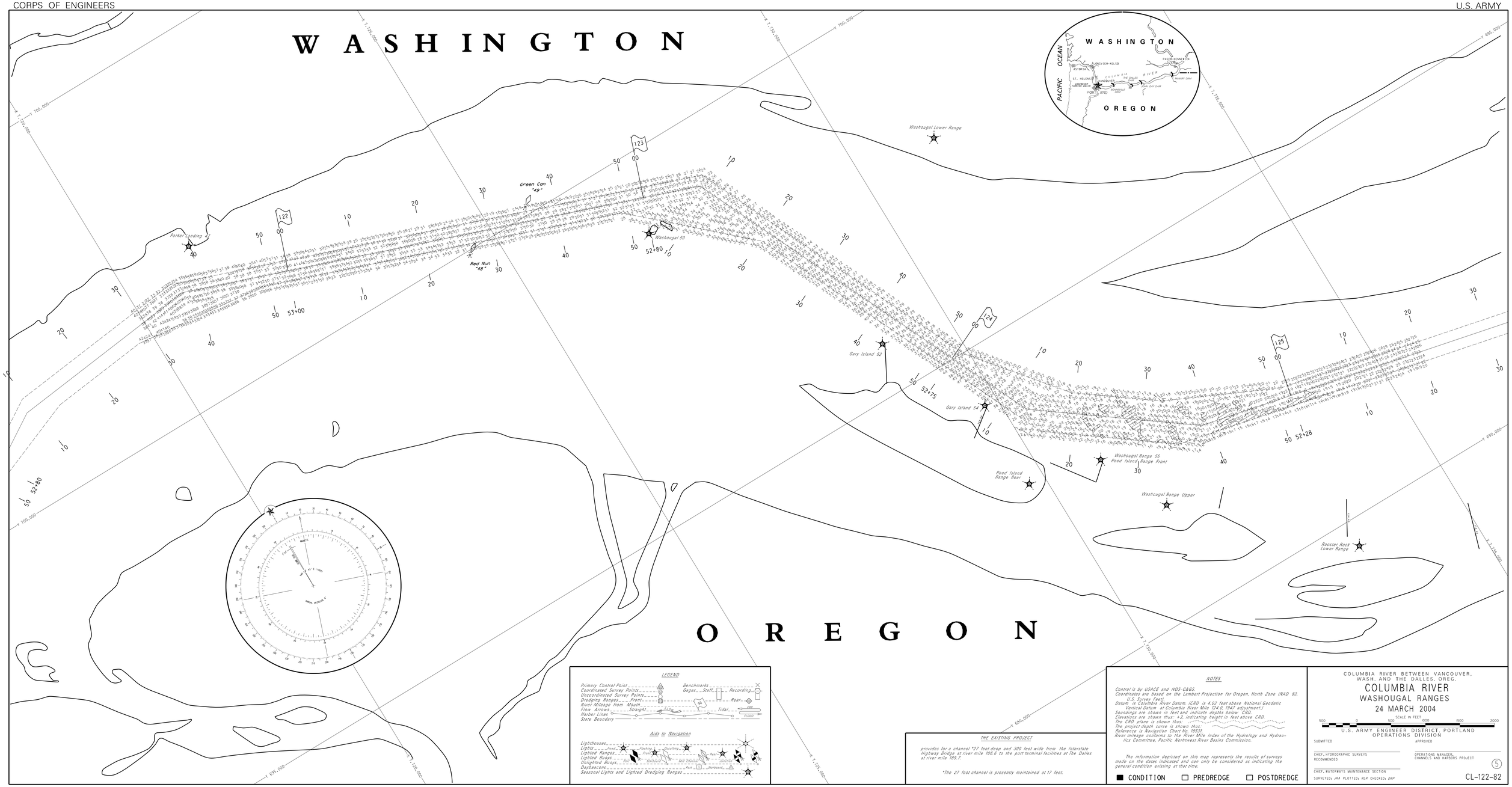
WASHINGTON
OREGON
PACIFIC OCEAN
WASHINGTON
OREGON
COLUMBIA RIVER
ASTORIA
ST. HELENS
VANCOUVER
PORTLAND
THE DALLES DAM
JOHN DAY DAM
BONNEVILLE DAM
PASCO-KENNEWICK
WANAPAY DAM
Washougal Lower Range
Green Can "49"
Parker Landing 47
Red Nun "48"
Washougal 50
Gary Island 52
Gary Island 54
Washougal Range 56
Reed Island Range Front
Reed Island Range Rear
Washougal Range Upper
Rooster Rock Lower Range
122
123
124
125
53+00
52+80
52+75
52+28
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
FLOOD
Aids to Navigation
Lighthouses
Lights
Lighted Ranges
Lighted Buoys
Unlighted Buoys
Daybeacons
Seasonal Lights and Lighted Dredging Ranges
Flashing
Occulting
Fixed
Front
Rear
Port
Starboard
Mid Channel
Junction
Port
Starboard
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 4.03 feet above National Geodetic Vertical Datum at Columbia River Mile 124.0, 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. 18531.
River mileage conforms to the River Mile Index of the Hydrology and Hydraulics Committee, Pacific Northwest River Basins 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 *27 feet deep and 300 feet wide from the Interstate Highway Bridge at river mile 106.6 to the port terminal facilities at The Dalles at river mile 189.7.
*The 27 foot channel is presently maintained at 17 feet.
COLUMBIA RIVER BETWEEN VANCOUVER, WASH. AND THE DALLES, OREG.
COLUMBIA RIVER
WASHOUGAL RANGES
24 MARCH 2004
SCALE IN FEET
500 0 500 1000 1500 2000
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: JRA PLOTTED: PLR CHECKED: DRP
5
CL-122-82