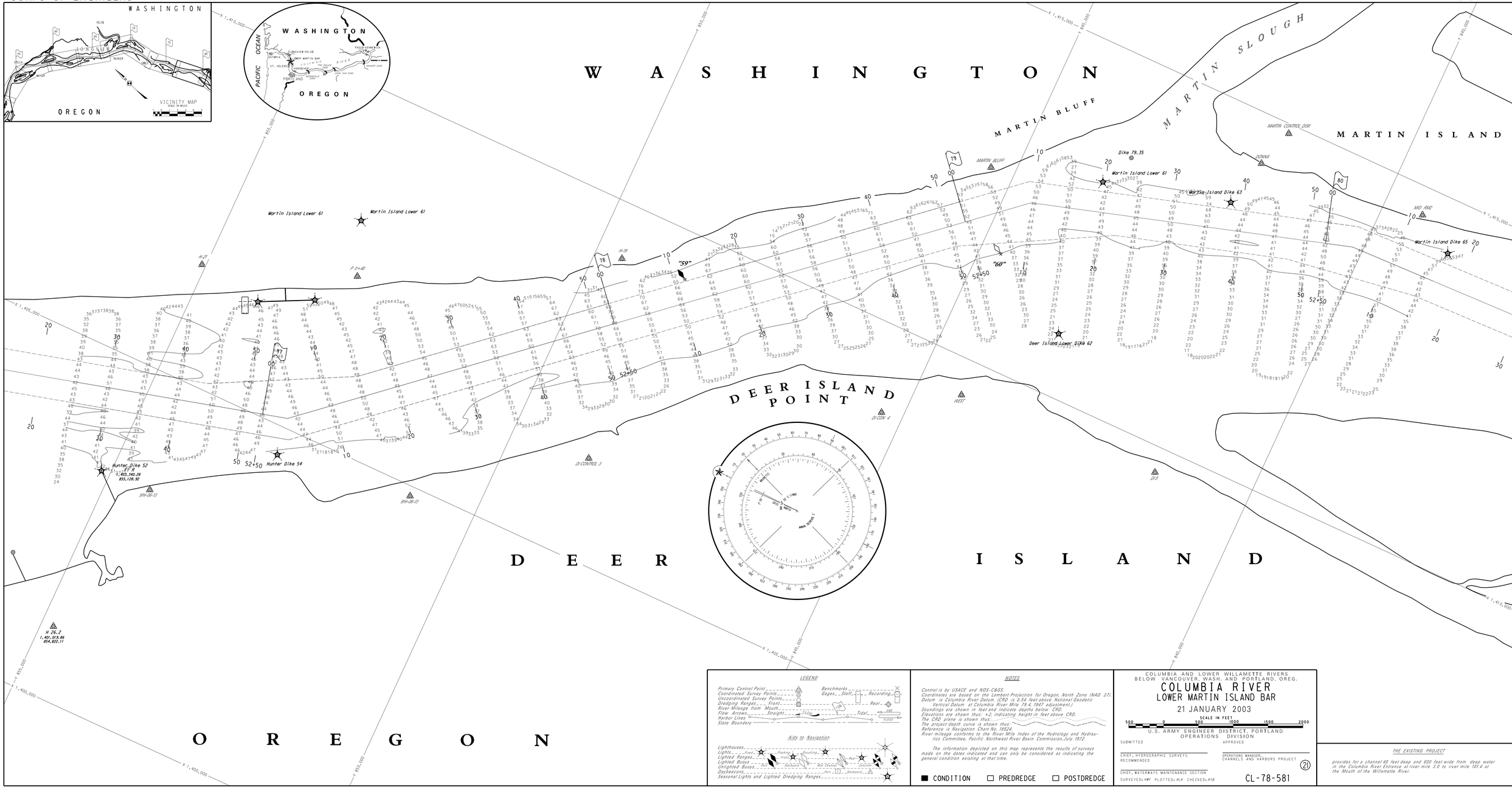
WASHINGTON
OREGON
VICINITY MAP
PACIFIC OCEAN
WASHINGTON
OREGON
MARTIN BLUFF
MARTIN SLOUGH
MARTIN ISLAND
DEER ISLAND POINT
DEER ISLAND
OREGON
Martin Island Lower 61
Martin Island Lower 61
Martin Island Lower 61
Martin Island Dike 63
Martin Island Dike 65
Dike 79.35
Deer Island Lower Dike 62
Hunter Dike 52
Hunter Dike 54
"59"
"60"
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
Straight
Tidal
Aids to Navigation
Lighthouses
Lights
Lighted Ranges
Lighted Buoys
Unlighted Buoys
Daybeacons
Seasonal Lights and Lighted Dredging Ranges
NOTES
Control is by USACE and NOS-C&GS.
Coordinates are based on the Lambert Projection for Oregon, North Zone (NAD 27).
Datum is Columbia River Datum. (CRD is 0.54 feet above National Geodetic Vertical Datum at Columbia River Mile 79.4, 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 conforms to the River Mile Index of the Hydrology and Hydraulics Committee, Pacific Northwest River Basin 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
COLUMBIA AND LOWER WILLAMETTE RIVERS
BELOW VANCOUVER, WASH. AND PORTLAND, OREG.
COLUMBIA RIVER
LOWER MARTIN ISLAND BAR
21 JANUARY 2003
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: HWF PLOTTED: RLR CHECKED: RTB
21
CL-78-581
THE EXISTING PROJECT
provides for a channel 40 feet deep and 600 feet wide from deep water in the Columbia River Entrance at river mile 3.0 to river mile 101.4 at the Mouth of the Willamette River.