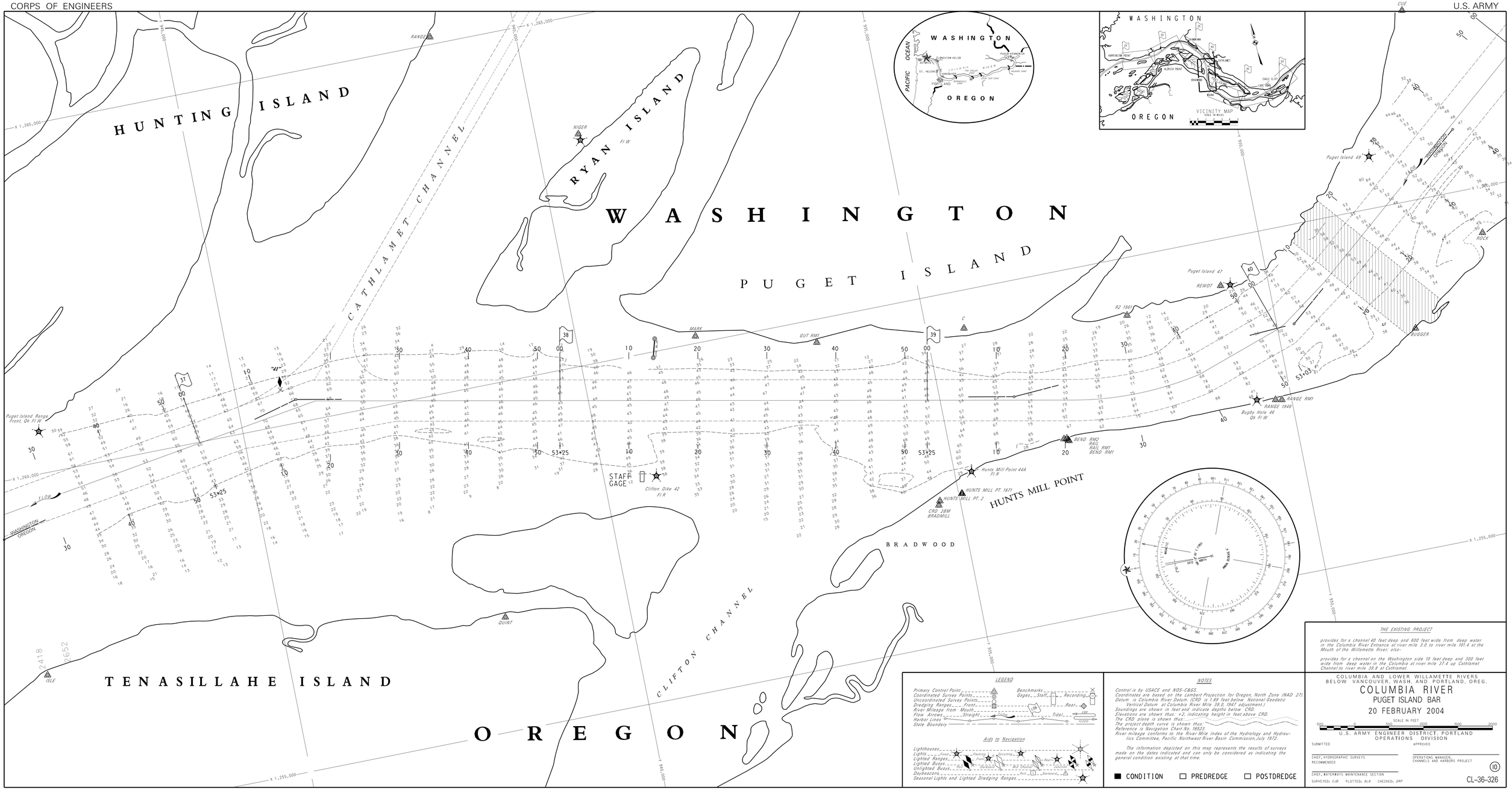
HUNTING ISLAND
RYAN ISLAND
WASHINGTON
PUGET ISLAND
CATHLAMET CHANNEL
CLIFTON CHANNEL
TENASILLAHE ISLAND
OREGON
BRADWOOD
HUNTS MILL POINT
WASHINGTON
OREGON
PACIFIC OCEAN
VICINITY MAP
SCALE IN MILES
RANGE
NIGER
MARK
GUT RM1
CUE
Puget Island 49
Puget Island 47
REWOT
R2 1961
BUGGER
ROCK
RANGE RM1
RANGE 1948
Bugby Hole 46
Ok Fl W
BEND RM2
RAIL
RAIL RM1
BEND RM1
Hunts Mill Point 44A
Fl R
HUNTS MILL PT. 1971
HUNTS MILL PT. 2
CRD 28M
BRADMILL
STAFF GAGE
Clifton Dike 42
Fl R
Puget Island Range
Front, Ok Fl W
QUINT
ISLE
FLOW
WASHINGTON
OREGON
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; also-
provides for a channel on the Washington side 10 feet deep and 300 feet wide from deep water in the Columbia at river mile 37.4 up Cathlamet Channel to river mile 29.8 at Cathlamet.
LEGEND
Primary Control Point
Coordinated Survey Points
Uncoordinated Survey Points
Dredging Ranges
River Mileage from Mouth
Flow Arrows
Harbor Lines
State Boundary
Benchmarks
Gages
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 1.89 feet below National Geodetic Vertical Datum at Columbia River Mile 29.8, 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. 18523.
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
PUGET ISLAND BAR
20 FEBRUARY 2004
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: CJP PLOTTED: JEJ CHECKED: DRP
CL-36-326