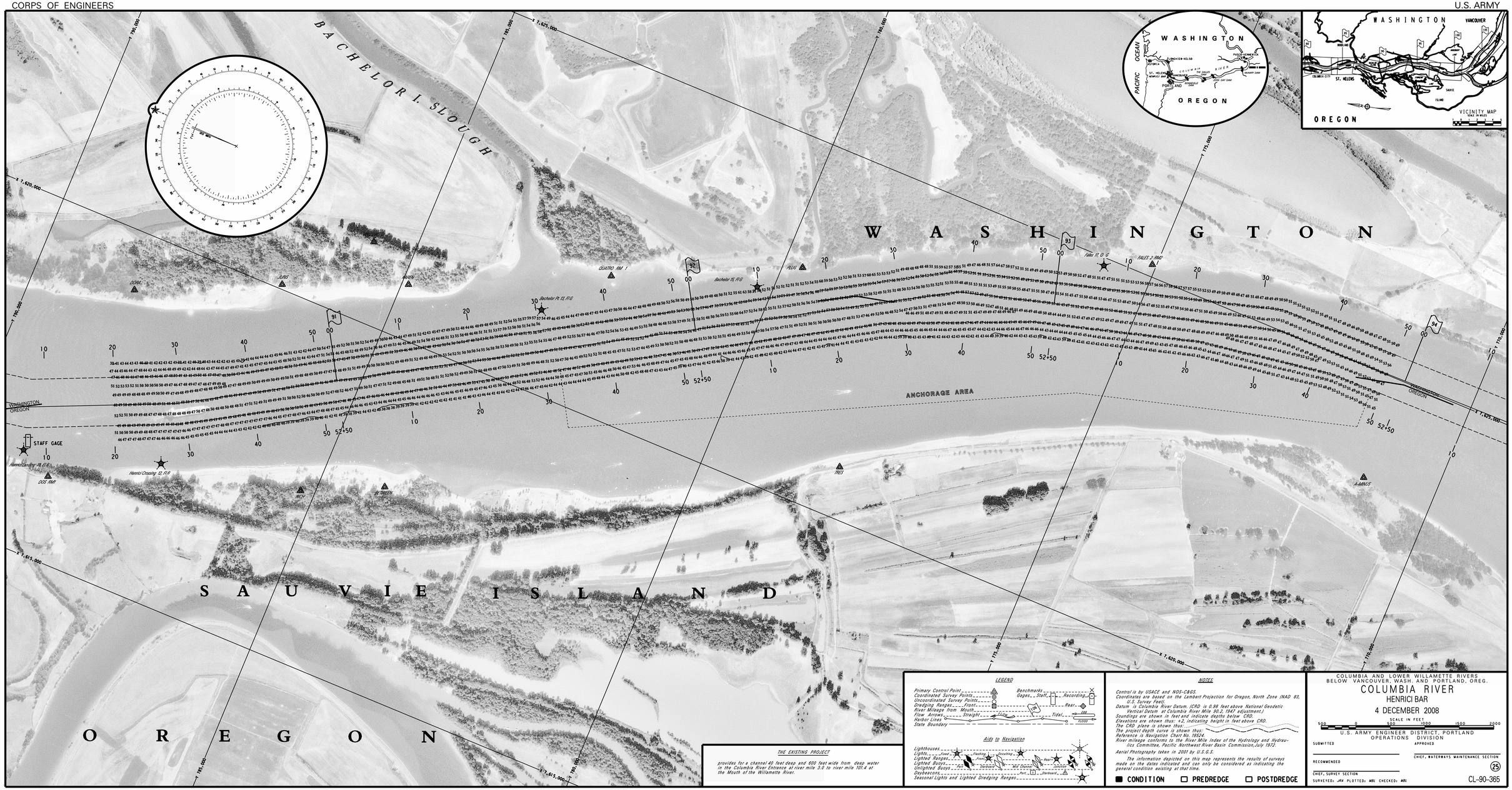
BACHELOR I. SLOUGH
WASHINGTON
OREGON
SAUVIE ISLAND
ANCHORAGE AREA
STAFF GAGE
WASHINGTON
OREGON
VICINITY MAP
SCALE IN MILES
ST. HELENS
VANCOUVER
PACIFIC OCEAN
ASTORIA
PORTLAND
COLUMBIA RIVER
THE DALLES DAM
BONNEVILLE DAM
JOHN DAY DAM
MCNARY DAM
PASCO-KENNEWICK
LEWISTON
CLATSKANIE
RAINIER
SAUVIE ISLAND
COLUMBIA CITY
RIVER MILES
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.
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
Flow
Aids to Navigation
Lighthouses
Lights
Lighted Ranges
Lighted Buoys
Unllighted 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 83, U.S. Survey Feet).
Datum is Columbia River Datum. (CRD is 0.98 feet above National Geodetic Vertical Datum at Columbia River Mile 90.2, 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.
Aerial Photography taken in 2001 by U.S.G.S.
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
HENRICI BAR
4 DECEMBER 2008
SCALE IN FEET
500 0 500 1000 1500 2000
U.S. ARMY ENGINEER DISTRICT, PORTLAND
OPERATIONS DIVISION
SUBMITTED
APPROVED
RECOMMENDED
CHIEF, WATERWAYS MAINTENANCE SECTION
CHIEF, SURVEY SECTION
25
SURVEYED: JRA PLOTTED: MRC CHECKED: MRC
CL-90-365