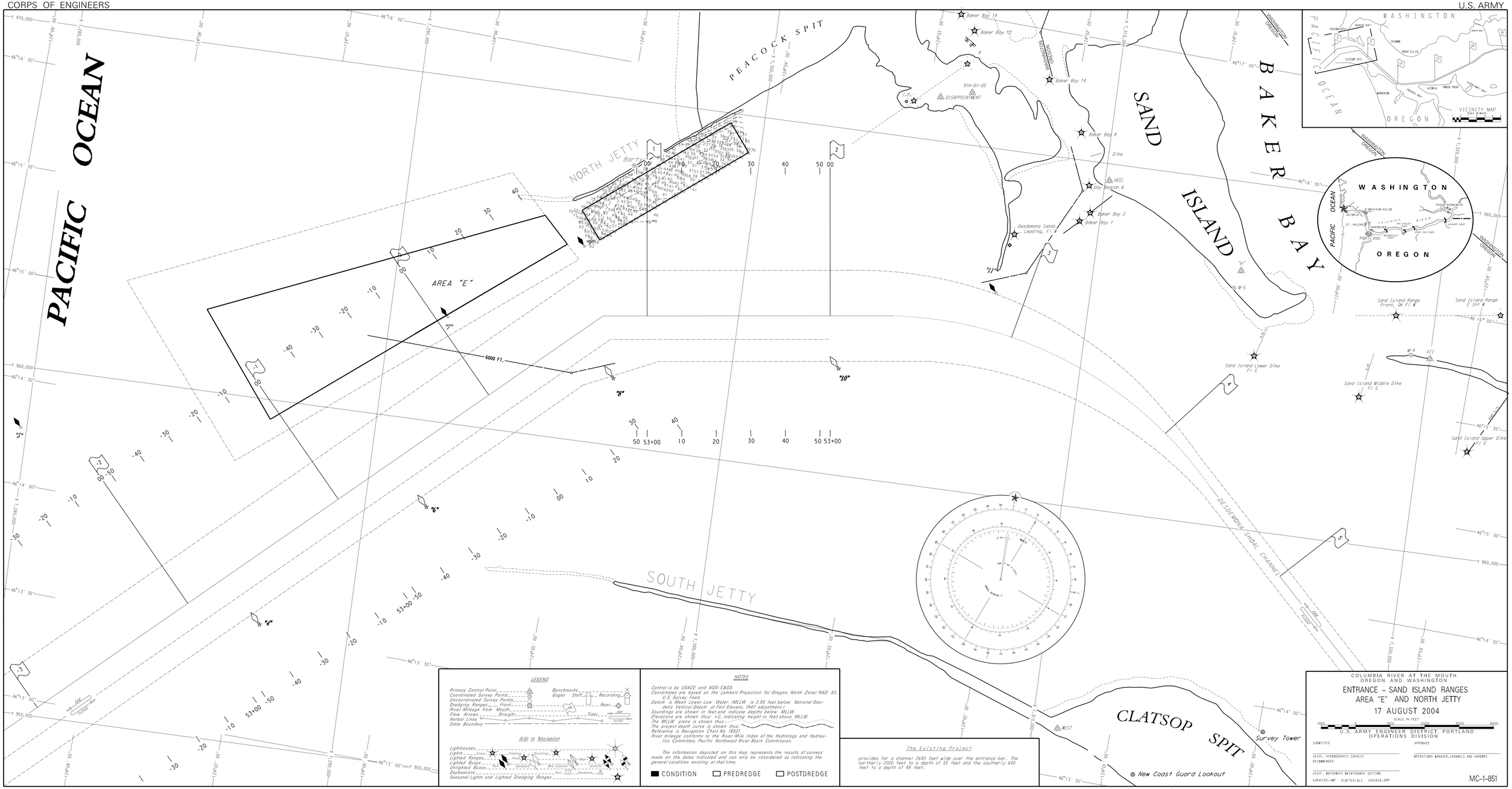
PACIFIC OCEAN
PEACOCK SPIT
NORTH JETTY
Bar
AREA "E"
6000 FT.
SOUTH JETTY
DESDEMONA SHOAL CHANNEL
SAND ISLAND
BAKER BAY
CLATSOP SPIT
Baker Bay 14
Baker Bay 12
Baker Bay 14
Baker Bay 8
Dike
Bay Beacon 6
Baker Bay 2
Baker Bay 1
Desdemona Sands Leading, Fl R
91H-01-05
DISAPPOINTMENT
L.P.
HEEL
WEST
EAST JETTY 2
Sand Island Range Front, Qk Fl
Sand Island Range E Int
Sand Island Lower Dike Fl G
Sand Island Middle Dike Fl G
Sand Island Upper Dike Fl G
M-5
M-4
VII
Survey Tower
New Coast Guard Lookout
WASHINGTON
OREGON
VICINITY MAP
SCALE IN MILES
PACIFIC OCEAN
PEACOCK SPIT
RANGE BAY
CHINOOK
POINT ELLICE
CLATSOP SPIT
ASTORIA
TONGUE POINT
GRAYS BAY
CARNAHAN BAY
FRANCIS BAY
WARRENTON
COLUMBIA RIVER
THE DALLES DAM
BONNEVILLE DAM
JOHN DAY DAM
McNARY DAM
PASCO-KENNEWICK
LONGVIEW-KELSO
VANCOUVER
PORTLAND
ST. HELENS
Y 970,000
Y 960,000
Y 950,000
X 1,280,000
X 1,300,000
X 1,316,000
46°16' 00"
46°15' 30"
46°15' 00"
46°14' 30"
46°14' 00"
46°13' 30"
46°13' 00"
124°08' 00"
124°07' 00"
124°06' 00"
124°05' 00"
124°04' 00"
124°03' 00"
124°02' 00"
124°01' 00"
124°00' 00"
123°59' 00"
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
Aids to Navigation
Lighthouses
Lights ... Fixed ... Flashing ... Occulting
Lighted Ranges ... Front ... Rear
Lighted Buoys ... Port ... Starboard ... Mid Channel ... Junction
Unlighted Buoys ... Port ... Starboard
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 Mean Lower Low Water (MLLW is 3.56 feet below National Geodetic Vertical Datum at Fort Stevens, 1947 adjustment.).
Soundings are shown in feet and indicate depths below MLLW.
Elevations are shown thus: +2, indicating height in feet above MLLW.
The MLLW plane is shown thus:
The project depth curve is shown thus:
Reference is Navigation Chart No. 18521.
River mileage conforms to the River Mile Index of the Hydrology and Hydraulics Committee, Pacific Northwest River Basin 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 2640 feet wide over the entrance bar. The northerly 2000 feet to a depth of 55 feet and the southerly 640 feet to a depth of 48 feet.
COLUMBIA RIVER AT THE MOUTH
OREGON AND WASHINGTON
ENTRANCE – SAND ISLAND RANGES
AREA "E" AND NORTH JETTY
17 AUGUST 2004
SCALE IN FEET
U.S. ARMY ENGINEER DISTRICT, PORTLAND
OPERATIONS DIVISION
SUBMITTED
APPROVED
CHIEF, HYDROGRAPHIC SURVEYS
OPERATIONS MANAGER, CHANNELS AND HARBORS
RECOMMENDED
CHIEF, WATERWAYS MAINTENANCE SECTION
SURVEYED: KWF PLOTTED: AJZ CHECKED: DRP
MC-1-851