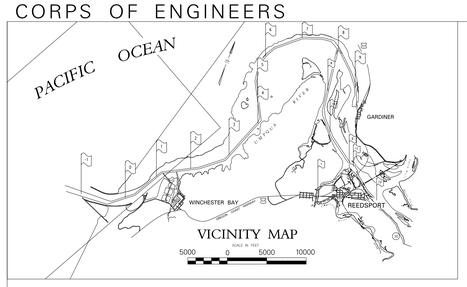
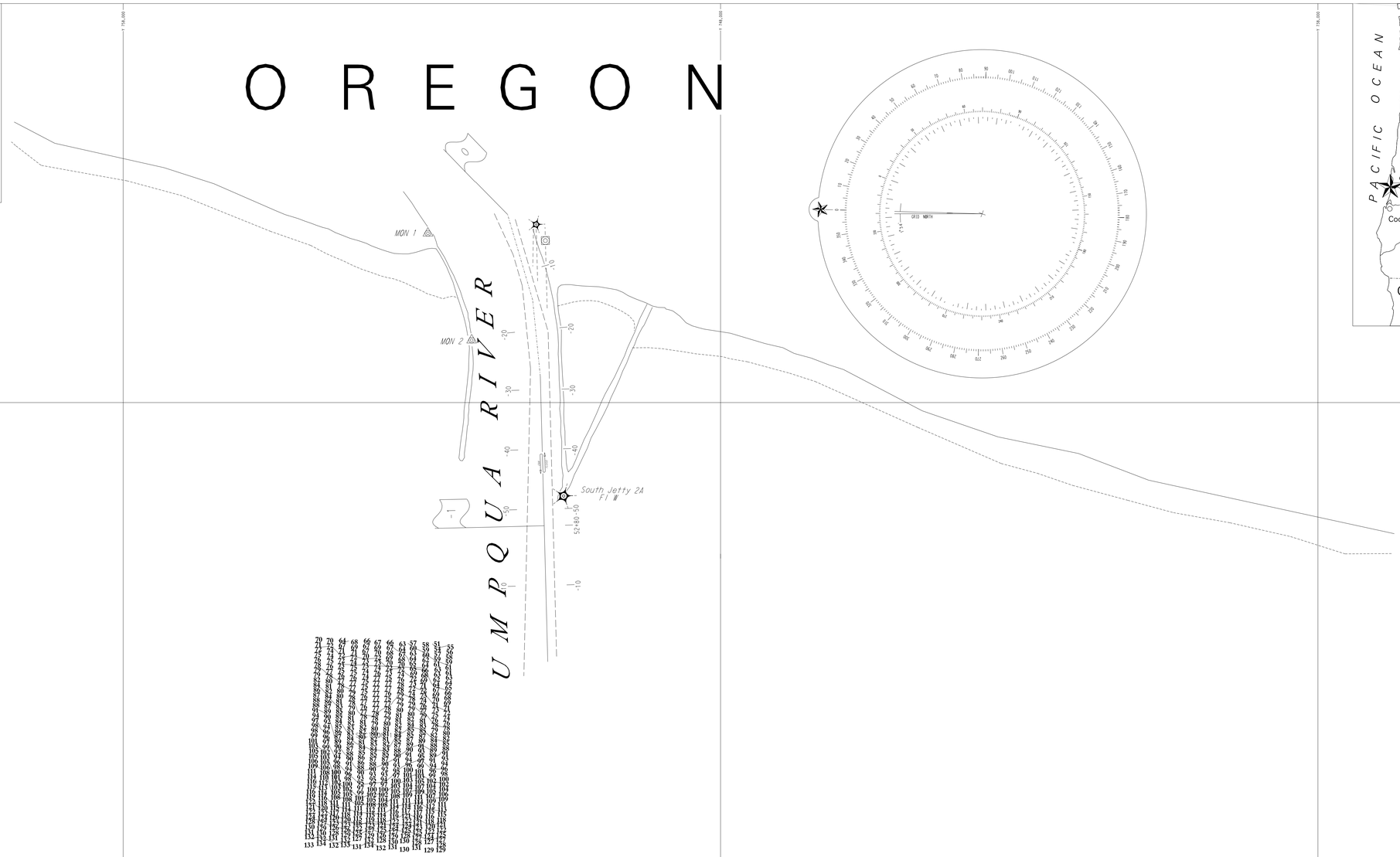
CORPS OF ENGINEERS

U.S. ARMY



O R E G O N



UMPQUA ODMDS CORNER COORDINATES				
SITE NAME		LAT/LONG (NAD 27)		STATE PLANE X/Y (NAD 83) SOUTH ZONE
SECTION 103 2645' x 1417'	1	43-40-35.000	124-14-22.000	X 3,931,974.891 Y 754,480.569
	2	43-40-35.000	124-13-46.000	X 3,934,617.914 Y 754,362.592
	3	43-40-21.000	124-13-46.000	X 3,934,554.800 Y 752,946.490
	4	43-40-21.000	124-14-22.000	X 3,931,911.608 Y 753,064.474

NOTES

Control is by USACE, NOS-C & GS and OSHD.
Coordinates are based on the Lambert Projection for Oregon, South Zone (NAD 83).
Datum is Mean Lower Low Water (MLLW) is 3.57 feet below National Geodetic Vertical Datum at Winchester Bay, 3.28 feet at Gardiner, and 3.05 feet at Reedsport, 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:
A 6 foot interval contour is shown thus:
Reference is Navigation Chart No. 18584.

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.

LEGEND

Primary Control Point
Coordinated Survey Points
Uncoordinated Survey Points
Dredging Ranges — Front
River Mileage from Mouth
Flow Arrows — Straight — FLOW
Harbor Lines
State Boundary
Benchmarks
Gages — Staff — Recording
Rear
Tidal — EBB — FLOOD

Aids to Navigation

Lighthouses
Lights — Fixed — Flashing — Occulting
Lighted Ranges — Front — Rear
Lighted Buoys — Port — Starboard — Mid Channel — Junction
Unlighted Buoys
Daybeacons — Port — Starboard
Seasonal Lights and Lighted Dredging Ranges

P A C I F I C O C E A N

CONDITION SURVEY

UMPQUA RIVER, OREGON
DISPOSAL SITE
21 JULY 2008

SCALE IN FEET
1000 0 1000 2000 3000 4000

U.S. ARMY ENGINEER DISTRICT, PORTLAND
OPERATIONS DIVISION

SUBMITTED

APPROVED

CHIEF, WATERWAYS MAINTENANCE SECTION

RECOMMENDED

CHIEF, SURVEY SECTION

SURVEYED: MDT PLOTTED: MRE CHECKED: MRE

UM-1-1109