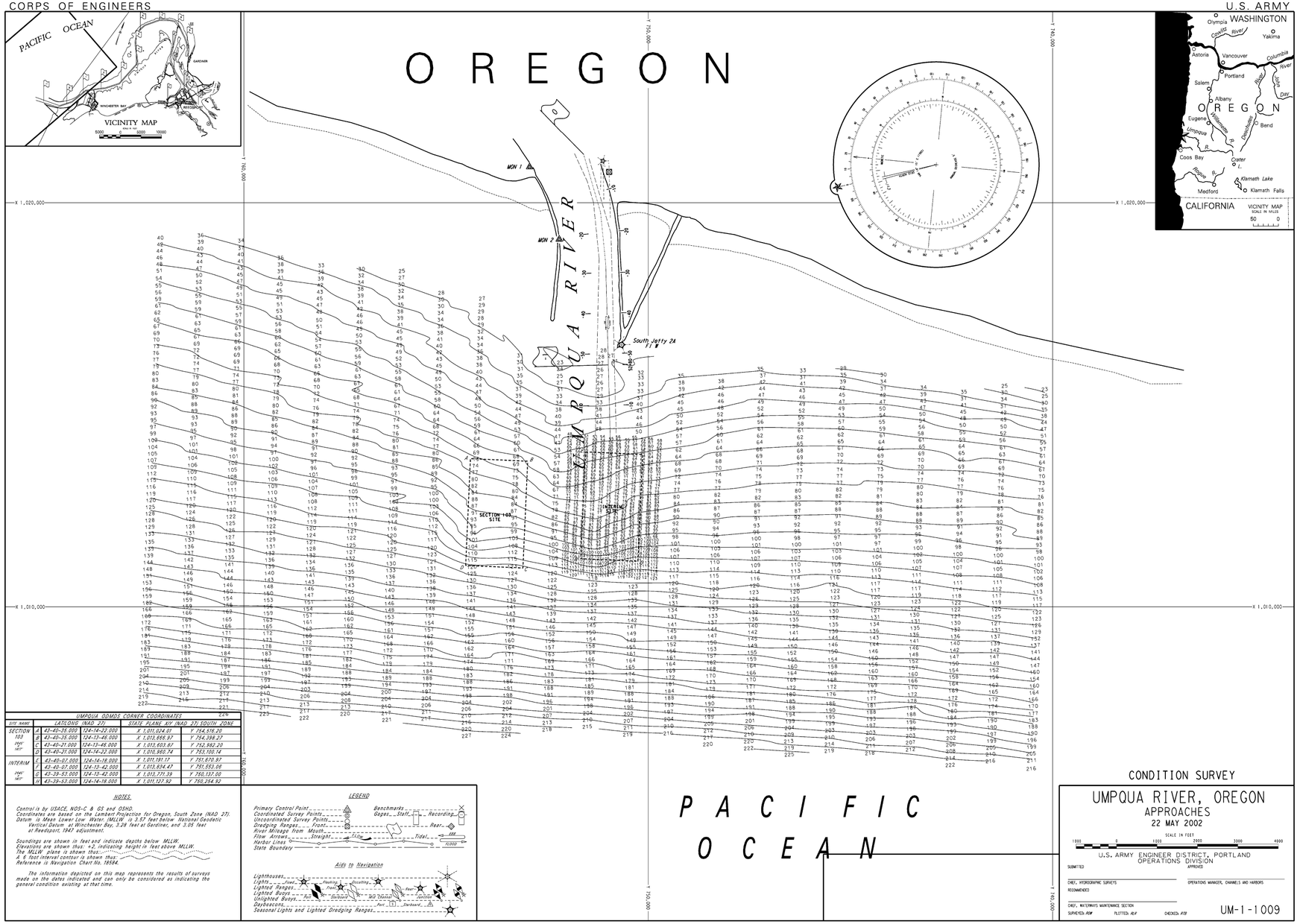
CORPS OF ENGINEERS

U.S. ARMY



UMPQUA ODMDS CORNER COORDINATES

SITE NAME		LATITUDE (NAD 27)	STATE PLANE X(Y (NAD 27) SOUTH ZONE	
SECTION 103	A	43-40-35.000	124-14-22.000	X 1,011,024.01 Y 754,516.20
1994 (1977)	B	43-40-35.000	124-13-46.000	X 1,013,666.97 Y 754,398.27
	C	43-40-21.000	124-13-46.000	X 1,013,693.97 Y 752,882.20
	D	43-40-21.000	124-14-22.000	X 1,010,960.74 Y 753,100.14
INTERIM 1994 (1977)	E	43-40-07.000	124-14-18.000	X 1,011,191.17 Y 751,670.97
	F	43-40-07.000	124-13-42.000	X 1,013,834.47 Y 751,553.06
	G	43-39-53.000	124-13-42.000	X 1,013,771.39 Y 750,137.00
	H	43-39-53.000	124-14-18.000	X 1,011,127.92 Y 750,254.92

NOTES

Control is by USACE, NOS-C & GS and OSHD.
Coordinates are based on the Lambert Projection for Oregon, South Zone (NAD 27). 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, Rear
River Mileage from Mouth
Flow Arrows: Straight, Tidal, Eddy
Harbor Lines
State Boundary
Benchmarks
Gages: Staff, Recording
FLOOD

Aids to Navigation

Lighthouses
Lights: Fixed, Flashing, Occulting
Lighted Ranges: Front, Rear
Lighted Buoys: Starboard, No Danger, Port
Unlighted Buoys
Daybeacons: Port, Starboard
Seasonal Lights and Lighted Dredging Ranges

CONDITION SURVEY

UMPQUA RIVER, OREGON
APPROACHES
22 MAY 2002

SCALE IN FEET
1000 0 1000 2000 3000 4000

U.S. ARMY ENGINEER DISTRICT, PORTLAND
OPERATIONS DIVISION

SUBMITTED | APPROVED
CHIEF, HYDROGRAPHIC SURVEYS | OPERATIONS MANAGER, CHANNELS AND HARBORS
RECOMMENDED
CHIEF, WATERWAYS MAINTENANCE SECTION
SURVEYED #EW# PLOTTED #EF CHECKED #TW

UM-1-1009