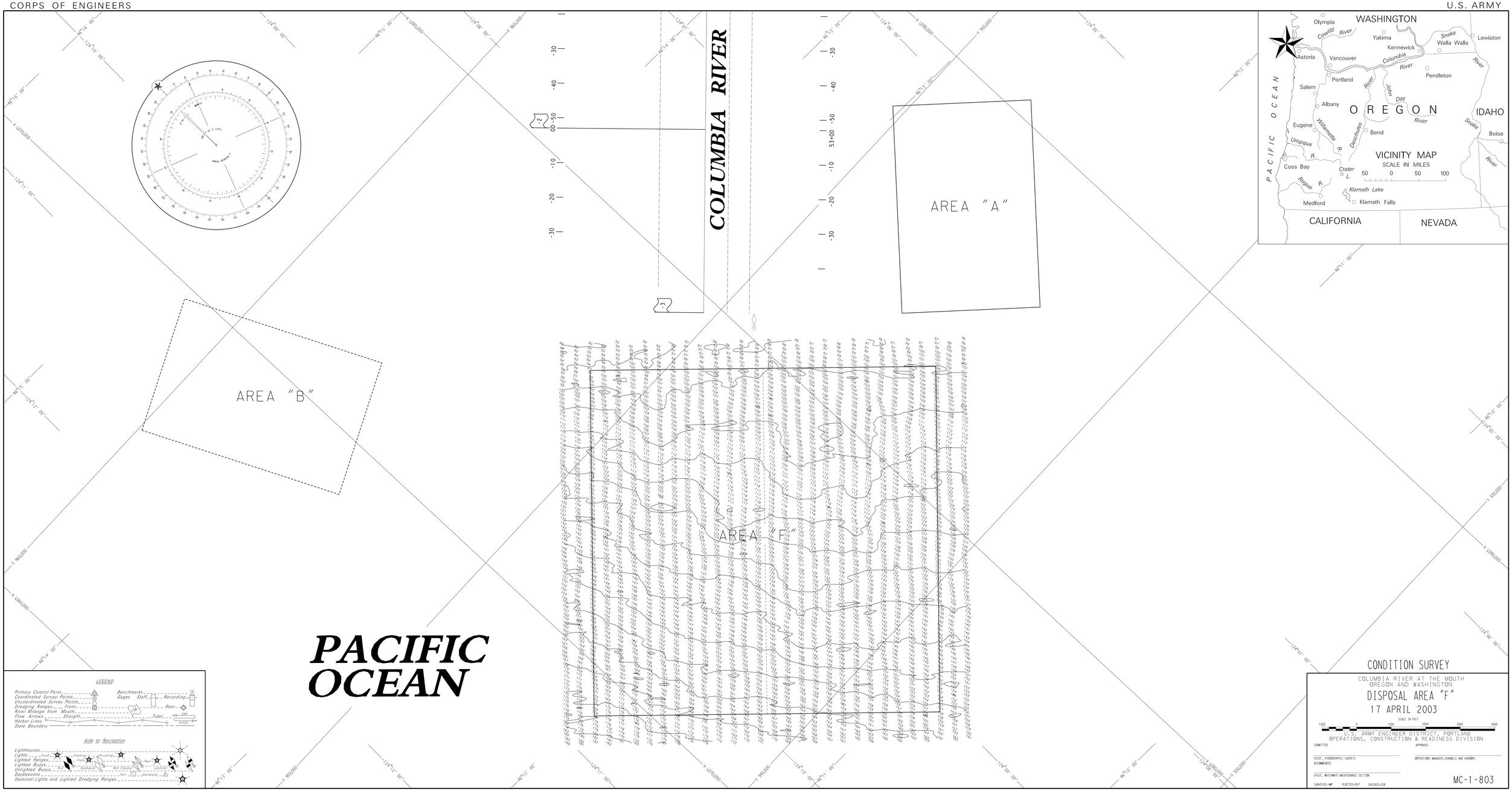
COLUMBIA RIVER
AREA "A"
AREA "B"
AREA "F"
PACIFIC OCEAN
WASHINGTON
OREGON
IDAHO
CALIFORNIA
NEVADA
PACIFIC OCEAN
VICINITY MAP
SCALE IN MILES
50 0 50 100
Olympia
Cowlitz River
Yakima
Kennewick
Snake
Walla Walla
Lewiston
Astoria
Vancouver
Columbia River
Pendleton
Portland
Salem
Albany
John Day River
Eugene
Willamette R.
Deschutes
Bend
Snake River
Boise
Umpqua R.
Coos Bay
Crater L.
Rogue R.
Klamath Lake
Medford
Klamath Falls
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
Daybeacons Port Starboard
Seasonal Lights and Lighted Dredging Ranges
CONDITION SURVEY
COLUMBIA RIVER AT THE MOUTH
OREGON AND WASHINGTON
DISPOSAL AREA "F"
17 APRIL 2003
SCALE IN FEET
1000 0 1000 2000 3000 4000
U.S. ARMY ENGINEER DISTRICT, PORTLAND
OPERATIONS, CONSTRUCTION & READINESS DIVISION
SUBMITTED
APPROVED
CHIEF, HYDROGRAPHIC SURVEYS
RECOMMENDED
OPERATIONS MANAGER, CHANNELS AND HARBORS
CHIEF, WATERWAYS MAINTENANCE SECTION
SURVEYED:AWF PLOTTED:AEP CHECKED:RSF
MC-1-803