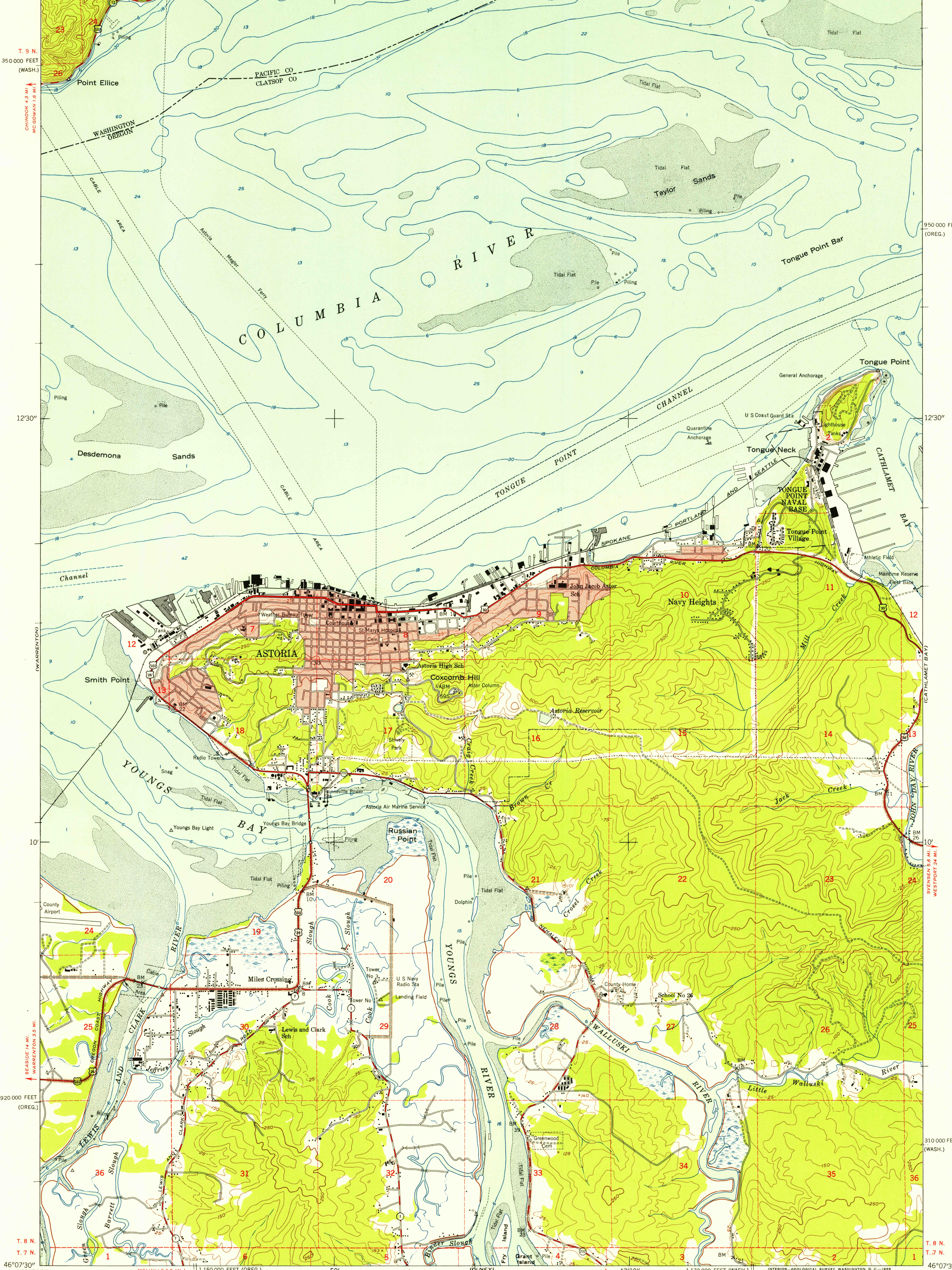


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Maped by the Army Map Service
Published for civil use by the Geological Survey
Control by USC&GS, USCE, Oregon State Highway
Department, and Pacific Power and Light Company
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1943. Field check 1949
Coastal hydrography compiled from USC&GS Chart 6151, 1949
Polyconic projection. 1927 North American datum
10,000-foot grids based on Oregon coordinate system
north zone, and Washington coordinate system, south zone
Red tint indicates areas in which only
landmark buildings are shown
Dashed land lines indicate approximate locations

SCALE 1:24000

CONTOUR INTERVAL 50 FEET
DASHED LINES REPRESENT HALF-INTERVAL CONTOURS
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 8 FEET
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, FEDERAL CENTER, DENVER, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION 1951
Heavy-duty 4 LANE 16 LANE Light-duty
Medium-duty 4 LANE 16 LANE Unimproved dirt
U. S. Route State Route

ASTORIA, OREG.—WASH.
N 4607.5—W 12345/7.5
1949

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