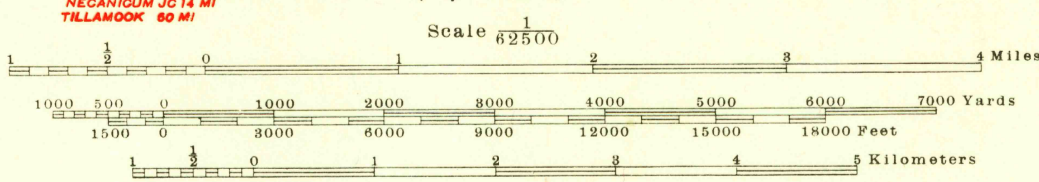




Prepared under the direction of the Chief of Engineers, U. S. Army, 1935-36.
Horizontal control by U. S. Coast and Geodetic Survey and 29th Engineers,
U. S. Army.
Vertical control by U. S. Coast and Geodetic Survey, Pacific Power & Light Co.,
and 29th Engineers, U. S. Army.
Topography, by 29th Engineers, U. S. Army, from five-lens aerial photographs,
using elevation calculator and stereoscope.
Polyconic Projection, North American Datum 1927.

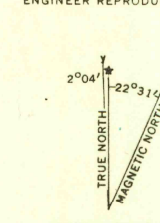
LOGGED OFF

ROAD INFORMATION OBTAINED JAN. 1937

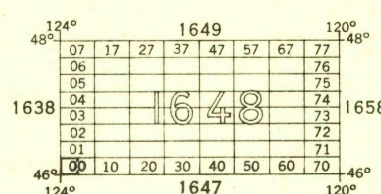


Contour interval 20 feet
Datum is mean sea level (1929 Adj.)
FIVE THOUSAND YARD GRID COMPUTED FROM "GRID SYSTEM FOR PROGRESSIVE MAPS
IN THE U. S." ZONE G. U. S. C. & G. S. SPECIAL PUBLICATION NO. 59
(THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED)

NOTE: OFFICERS USING THIS MAP WILL MARK HEREON CORRECTIONS AND ADDITIONS WHICH COME
TO THEIR ATTENTION AND MAIL DIRECT TO "THE CHIEF OF ENGINEERS, WASHINGTON, D. C."



APPROXIMATE MEAN
DECLINATION 1936
ANNUAL MAGNETIC CHANGE 2'
DECREASE



ASTORIA, ORE. - WASH.

USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION