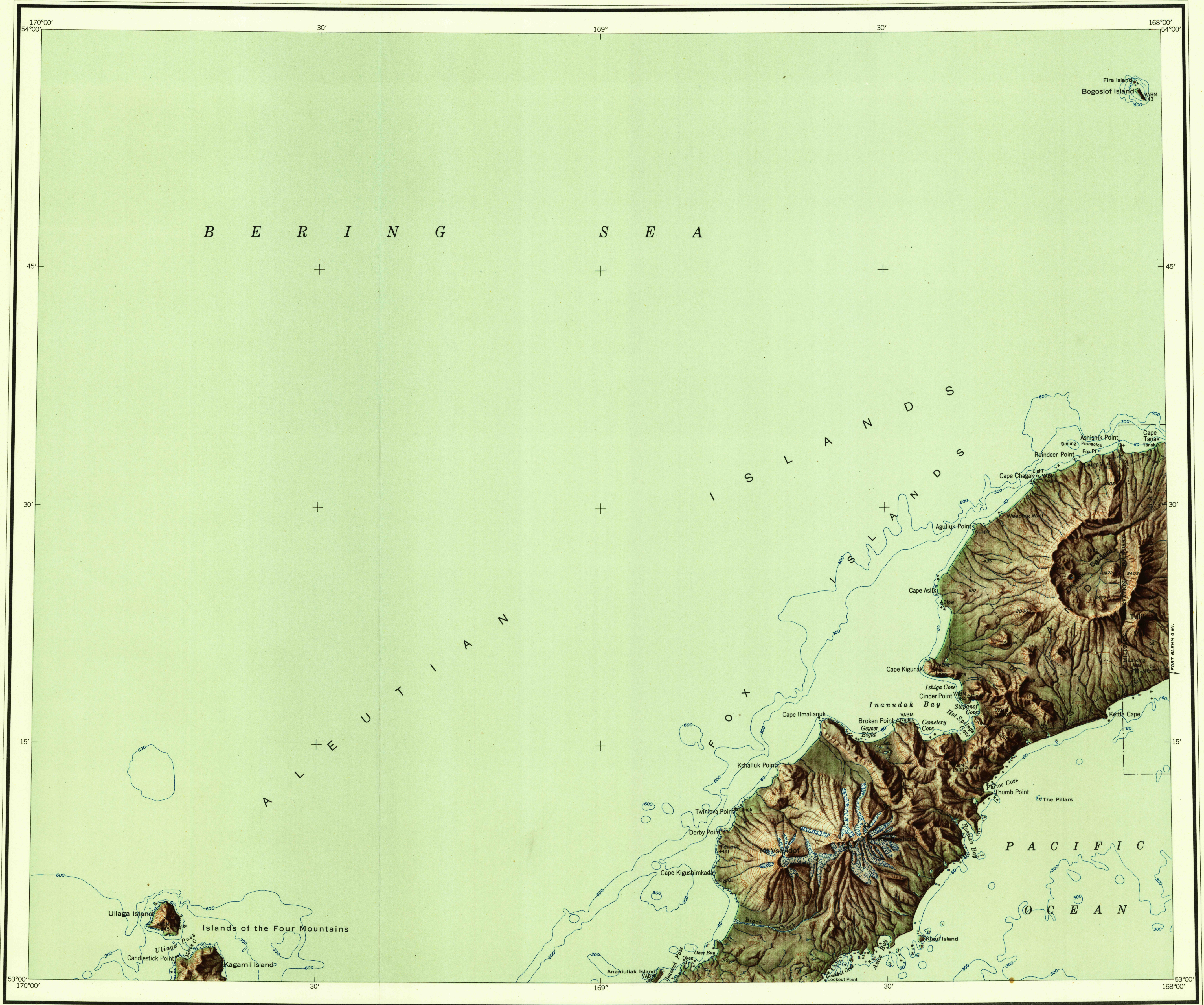




INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C. 1952

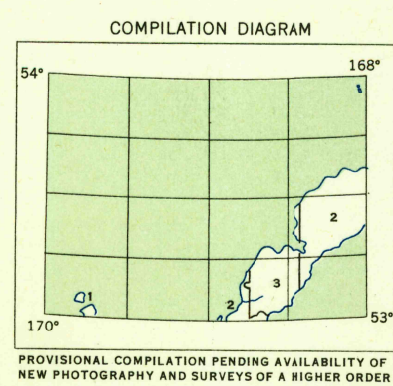
MAPPED BY THE GEOLOGICAL SURVEY, U.S. COAST
AND GEODETIC SURVEY, AND U.S. CORPS OF ENGINEERS
EDITED AND PUBLISHED BY THE GEOLOGICAL SURVEY

CONTROL BY USC&GS
HYDROGRAPHY COMPILED FROM USC&GS CHARTS
8861, 9021, 9025 AND 9030

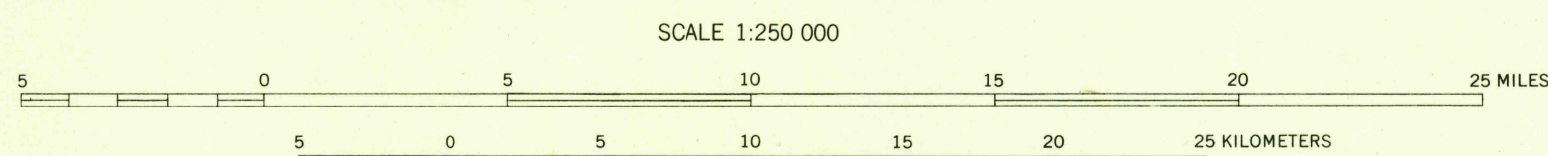
TOPOGRAPHY FROM AERIAL PHOTOGRAPHS BY
PHOTOGRAMMETRIC (MULTIPLEX AND PHOTOALIDADE)
METHODS AND ORIGINAL SURVEYS OF USC&GS
1942-1948

UNIVERSAL TRANSVERSE MERCATOR PROJECTION, ZONE 2
1927 NORTH AMERICAN DATUM

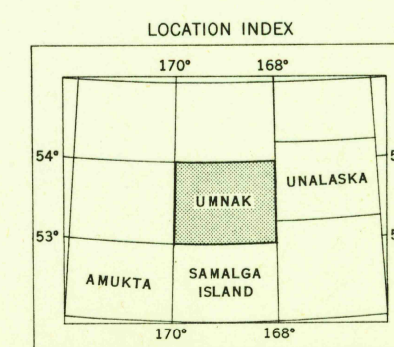
ULIAGA ISLAND, KAGAMIL ISLAND, BOGOSLOF ISLAND,
AND FIRE ISLAND ARE WITHIN THE ALEUTIAN ISLANDS
NATIONAL WILDLIFE REFUGE



1. TOPOGRAPHY FROM USC&GS
CHART 9030
2. TOPOGRAPHY FROM USC&GS
QUADRANGLES (MULTIPLEX)
3. TOPOGRAPHY BY PHOTO-
ALIDADE COMPILATION



CONTOUR INTERVAL 200 FEET
AREAS NOT SURVEYED IN DETAIL INDICATED BY BROKEN LINES
DATUM IS MEAN SEA LEVEL
DEPTH CURVES IN FEET-DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
1951 MAGNETIC DECLINATION AT SOUTH EDGE OF SHEET VARIES FROM 13°30' TO 14°30' EAST
THIS MAP IS AVAILABLE IN BOTH SHADED RELIEF AND CONTOUR EDITIONS
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

ALL WEATHER ROADS DRY WEATHER ROADS
HARD-SURFACE.....NONE IMPROVED DIRT.....
OTHER.....NONE UNIMPROVED DIRT.....
TRAILS.....

USGS
Historical File
Topographic Division

Nov 17 1952
UMNAK, ALASKA
N5300-W16800/60X120
1120 1951