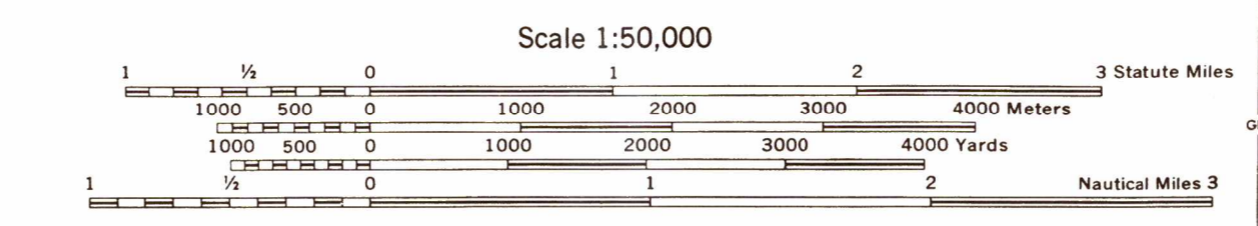


LEGEND
MAP INFORMATION AS OF 1990
ROAD DATA 1980

In developed areas, only through roads are classified

Hard surface: heavy duty road, four or more lanes wide	Improved light duty road, street
Hard surface: heavy duty road, two lanes wide, three lanes wide	Unimproved dirt road
Hard surface: medium duty road, four or more lanes wide	Trail
Hard surface: medium duty road, two lanes wide, three lanes wide	Route markers: Interstate, Federal, State, Minor, Open pit, Horizontal shaft, Vertical shaft, Prospect
Buildings	Bench mark, monumented
Barns, sheds, greenhouses, stadiums, etc.	Bench mark, non monumented
RAILROADS	Spot elevations in feet
Standard gauge	Checked, Unchecked
Narrow gauge	Light, lighthouse, Windmill, windpump
In street	Woods or brushwood
Carline	None
BOUNDARIES	Orchard, Scrub
National	Intermittent lake
State (with monument)	Intermittent stream, Dam
County	Marsh or swamp
County subdivision	Rapids, Falls
Corporate limits	Large rapids, Large falls
Military reservation	
Other reservation	



CONTOUR INTERVAL 80 FEET
WITH SUPPLEMENTARY CONTOURS AT 40 FOOT INTERVALS

SPHEROID CLARKE 1866
GRID TRANSVERSE MERCATOR
PROJECTION UTM
VERTICAL DATUM SEA LEVEL DATUM 1929
HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM

CREDITS
AMC (GE), U.S. ARMY
USGS, USCGS, USCE, and USBR

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA OPERATIONAL HELP DESK: 1-800-455-0899, COMMERCIAL 314-263-4884; OSN 683-4884; OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTelligence AGENCY, ATTN: ES, MAIL STOP L-88, 4602 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

GRID ZONE DESIGNATION	11S
100,000 M SQUARE IDENTIFICATION	NG
TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS	
SAMPLE POINT: LITTLE BOREGEO (SIR)	
1. Read letters identifying 100,000 meter square in which point lies.	NG
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself.	81
3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself.	62
4. Estimate tenths from grid line to point.	6
5. Add the two numbers and the tenths to give the full coordinate. Use ONLY the LARGE figures of the grid number; example: 3652000	NO817626
6. If reporting beyond 5th digit, use the Grid Zone Designation, as: 11SNG817626	

BOUNDARIES

ELEVATION GUIDE

ADJOINING SHEETS

3583

1945 G-M ANGLE 14° (230 MAGS)

GRID CONVERGENCE 0.72" (19 METERS) FOR CENTER OF SHEET

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH ADD G-M ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH SUBTRACT G-M ANGLE

NSN 7643014044564
ED NO 004