

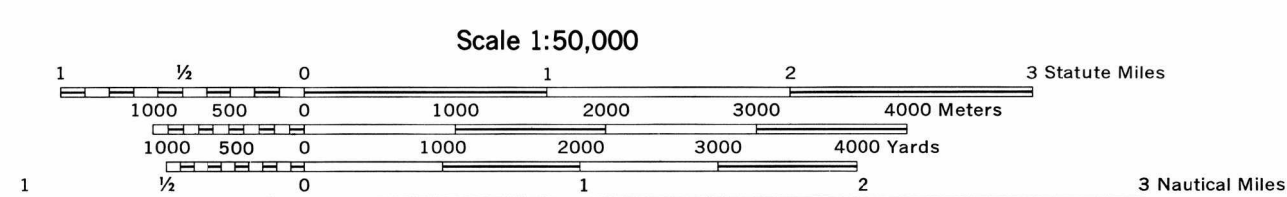
**LEGEND**  
**SIGNOS CONVENCIONALES**  
On this map a line is considered as being a minimum of 2.5 meters in width  
En este mapa se considera que una línea tiene un ancho mínimo de 2.5 metros

<b>ROADS</b>	<b>CAMINOS</b>
All weather	Transitable todo el tiempo
Hard surface, two or more lanes wide	Afirmado sólido, dos o más vías
Loose or light surface, two or more lanes wide	Revestimiento suelto o ligero, dos o más vías
Hard surface, one lane wide	Afirmado sólido, una vía
Loose or light surface, one lane wide	Revestimiento suelto o ligero, una vía
Fair or dry weather, loose surface	Transitable en tiempo bueno o seco, revestimiento suelto
Cart track	Vereda de rodada
Footpath, trail	Sendero o vereda
Bridge for vehicles	Puente para vehículos
Route markers	Señales de ruta
National or principal; Secondary	Nacional o principal; Secundaria
<b>RAILROADS</b>	<b>FERROCARRILES</b>
Normal gauge, single track	Vía normal (sencilla)
Narrow gauge, single track	Vía estrecha (sencilla)
<b>Built up area</b>	<b>Área urbanizada o construida</b>
<b>BOUNDARIES</b>	<b>LIMITES</b>
International	Internacional
Department	Departamental
Municipal	Municipal
<b>Power transmission line; Fence</b>	<b>Línea transmisora de energía; Cerca</b>
Building; Structure; Church; School; Mine	Casa; Chiesa; Iglesia; Escuela; Mina
Windmill; windpump; Water mill	Molino de viento; bomba de viento;
Tank; Landmark object	Tanque; Punto conspicuo
Horizontal control point	Punto de control horizontal (triangulación)
Benchmark	Punto de control vertical (cota fija)
Spot elevations in meters; Checked; Unchecked	Elevaciones en metros; Comprobadas; Fotogramétricas
Sand; Lava	Arena; Lava
Woods; brushwood; Scrub	Bosque, monte alto; Matollar; monte bajo
Coffee plantation; Bamboo	Cafetal; Bambú
Mangrove; Nipa	Manglar; Nipa
Rice; Salt evaporator	Arrozal; Salina
Land subject to inundation; Dry stream or wash	Terreno sujeto a inundación; Río seco o aluvión
Well; Spring; Intermittent stream	Pozo; Manantial; Río intermitente
Intermittent lake	Lago o charco intermitente
Marsh or swamp; Dam	Ciénaga o pantano; Represa
Large rapids; Large falls	Rápidos grandes; Saltos grandes
Rapids; Falls; Pier	Rápidos; Saltos; Muelle
Exposed wreck	Naufragio al descubierto
Sunken wreck; Anchorage	Naufragio sumergido; Anclaje
Sunken rock	Roca sumergida
Rock, uncovering or awash	Roca al descubierto o a flor de agua
Limit of danger	Peligro subterráneo de hielo general
Soundings in fathoms;	Sundings en brazas (1.8m);
Foreshore flat	Bajo de antepaya
Ref; Light; lighthouse	Arreife; Luz; faro
Depth curves in fathoms	Curvas de profundidad en brazas (1.8m)

**GLOSSARY**  
**GLOSARIO**

Bocana	stream mouth
Cerro	hill(s), mountain(s)
Cementerio	cemetery
Cerro, Cerros	hill(s), mountain(s)
Comarca	rural district
Correntada	rapids
Cuesta	mountain
Emita	hermitage
Isla, Islas	island(s)
Loma	hill, mountain
Pozo	well
Quebrada	stream
Río	stream

E751, EDITION 1-AMS  
Prepared by the Dirección General de Cartografía (DGC), Ministerio de Fomento, Managua, Nicaragua, in collaboration with the Inter-American Geodetic Survey (IAGS). Compiled in 1967 by photogrammetric methods from aerial photography flown in 1960, 1961. Field revised 1966. Horizontal and vertical control established by DGC and IAGS. Marginal data revised in 1968 by the Army Map Service (AMS), Corps of Engineers, U.S. Army, Washington, D.C. Map not field checked.



CONTOUR INTERVAL 20 METERS  
WITH SUPPLEMENTARY CONTOURS AT 10 METER INTERVALS  
INTERVALO DE CURVAS DE NIVEL DE 20 METROS  
CON CURVAS SUPLEMENTARIAS A 10 METROS  
VERTICAL DATUM: MEAN SEA LEVEL

TRANSVERSE MERCATOR PROJECTION  
HORIZONTAL DATUM: 1927 NORTH AMERICAN DATUM

BLACK NUMBERED LINES INDICATE THE 1,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 16, CLARKE 1866 SPHEROID  
LAS LÍNEAS NEGRAS NÚMERADAS INDICAN EL CUADRICULADO DE MIL METROS DE LA PROYECCIÓN UNIVERSAL TRANSVERSAL DE MERCATOR, ESFEROIDE DE CLARKE DE 1866, ZONA 16

BROWN NUMBERED TICKS INSIDE THE NEATLINE INDICATE THE 1,000 METER LAMBERT GRID, NICARAGUA NORTH ZONE  
LOS TIRAZOS DE LOS NÚMEROS EN SEPIA DENTRO DE LA LÍNEA MARGINAL INDICAN LA CUADRICULA DE LAMBERT DE 1,000 METROS, ZONA DE NICARAGUA NOROCCIDENTAL

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3155 III	3155 II	3255 III
3154 IV	3154 I	3254 IV

Sheet 3155 II falls within NO 16-12, 1501 1250000

**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

PARA CONVERTIR UN ACIMUT MAGNÉTICO A UN ACIMUT DE CUADRICULA  
SÚMESE EL ÁNGULO C-M

PARA CONVERTIR UN ACIMUT DE CUADRICULA A UN ACIMUT MAGNÉTICO  
RESTESE EL ÁNGULO C-M

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