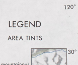
GNC 24

EDITION 6

LEGEND

AREA TINTS


Hilly and mountainous areas.

Valleys & relatively level areas (green)

SPOT ELEVATIONS

Maximum vertical error 100 feet 0000

Maximum possible vertical error varies up to 1000 feet except Antarctica Maximum possible vertical error in Antarctica varies from 200 to 500 feet x0000

Approximate or doubtful location, vertical error varies as follows: Brazil, from 1000 to 1500 feet; South Georgia Island 100 feet and the South Sandwich Islands 200 feet.... 0000

Critical elevation.......... 0000

Lake.......... 0000

TRANSPORTATION

Railroads..........

Dual Lane Highways...

Roads..........

Operational Navigation Chart series indicated thus: H-1

World Aeronautical Chart series indicated thus: 699

Universal Water Charts indicated thus: 8/12

AERONAUTICAL INFORMATION

AERODROMES

Pattern shown when longest runway is 4000' or over

Dot indicates Geographical Location of Aerodrome.

LANDPLANE

- Military
- Civil
- Joint Civil and Military
- Landing Area

RADIO FACILITIES

VHF OMNI RANGE(VOR)..

VORTAC..........

TACAN..........

VOR with DME..........

Other Facilities..........

SPECIAL USE AIRSPACES

P-16

Prohibited Area

D-4

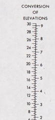
Alert, Caution, Danger, Restricted or Warning

Number indicates Internationally recognized numerical identification.

All Special Use Airspace is portrayed in the body of this chart with the following exceptions:

(1) Those that are activated only by NOTAM.
(2) All Special Use Airspaces below 10,000 feet.
(3) All danger Areas.

CONVERSION OF ELEVATIONS



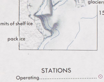
Lines of constant grid variation. (isogriv) — GV 10°W —

CONVERGENCE TABLE– STANDARD PARALLELS 37° & 65°

LONG.	CONV.	LONG.	CONV.	LONG.	CONV.	LONG.	CONV.	LONG.	CONV.	LONG.	CONV.	LONG.	CONV.	LONG.	CONV.	LONG.	CONV.	LONG.	CONV.	LONG.	CONV.	LONG.	CONV.
0°	0°00′	16°	12°34′	32°	25°08′	48°	37°42′	64°	50°16′	80°	62°50′	96°	75°24′	112°	87°58′	128°	100°31′	144°	113°05′	160°	125°39′	176°	138°13′
1°	0°47′	17°	13°21′	33°	25°55′	49°	38°29′	65°	51°03′	81°	63°37′	97°	76°11′	113°	88°45′	129°	101°19′	145°	113°53′	161°	126°26′	177°	139°00′
2°	1°34′	18°	14°08′	34°	26°42′	50°	39°16′	66°	51°50′	82°	64°24′	98°	76°58′	114°	89°32′	130°	102°06′	146°	114°40′	162°	127°14′	178°	139°48′
3°	2°21′	19°	14°55′	35°	27°29′	51°	40°03′	67°	52°37′	83°	65°11′	99°	77°45′	115°	90°19′	131°	102°53′	147°	115°27′	163°	128°01′	179°	140°35′
4°	3°08′	20°	15°42′	36°	28°16′	52°	40°50′	68°	53°24′	84°	65°58′	100°	78°32′	116°	91°06′	132°	103°40′	148°	116°14′	164°	128°48′	180°	141°22′
5°	3°56′	21°	16°30′	37°	29°03′	53°	41°37′	69°	54°11′	85°	66°45′	101°	79°19′	117°	91°53′	133°	104°27′	149°	117°01′	165°	129°35′		
6°	4°43′	22°	17°17′	38°	29°51′	54°	42°25′	70°	54°58′	86°	67°32′	102°	80°06′	118°	92°40′	134°	105°14′	150°	117°48′	166°	130°22′		
7°	5°30′	23°	18°04′	39°	30°38′	55°	43°12′	71°	55°46′	87°	68°20′	103°	80°53′	119°	93°27′	135°	106°01′	151°	118°35′	167°	131°09′		
8°	6°17′	24°	18°51′	40°	31°25′	56°	43°59′	72°	56°33′	88°	69°07′	104°	81°41′	120°	94°15′	136°	106°48′	152°	119°22′	168°	131°56′		
9°	7°04′	25°	19°38′	41°	32°12′	57°	44°46′	73°	57°20′	89°	69°54′	105°	82°28′	121°	95°02′	137°	107°36′	153°	120°10′	169°	132°43′		
10°	7°51′	26°	20°25′	42°	32°59′	58°	45°33′	74°	58°07′	90°	70°41′	106°	83°15′	122°	95°49′	138°	108°23′	154°	120°57′	170°	133°31′		
11°	8°38′	27°	21°12′	43°	33°46′	59°	46°20′	75°	58°54′	91°	71°28′	107°	84°02′	123°	96°36′	139°	109°10′	155°	121°44′	171°	134°18′		
12°	9°25′	28°	21°59′	44°	34°33′	60°	47°07′	76°	59°41′	92°	72°15′	108°	84°49′	124°	97°23′	140°	109°57′	156°	122°31′	172°	135°05′		
13°	10°13′	29°	22°47′	45°	35°20′	61°	47°54′	77°	60°28′	93°	73°02′	109°	85°36′	125°	98°10′	141°	110°44′	157°	123°18′	173°	135°52′		
14°	11°00′	30°	23°34′	46°	36°08′	62°	48°42′	78°	61°15′	94°	73°49′	110°	86°23′	126°	98°57′	142°	111°31′	158°	124°05′	174°	136°39′		
15°	11°47′	31°	24°21′	47°	36°55′	63°	49°29′	79°	62°03′	95°	74°36′	111°	87°10′	127°	99°44′	143°	112°18′	159°	124°52′	175°	137°26′		

ANTARCTIC AREA

AREA TINTS


cliffs escarpments
form lines
crevasses
disturbed ice
glaciers
limits of shelf ice
pack ice

STATIONS

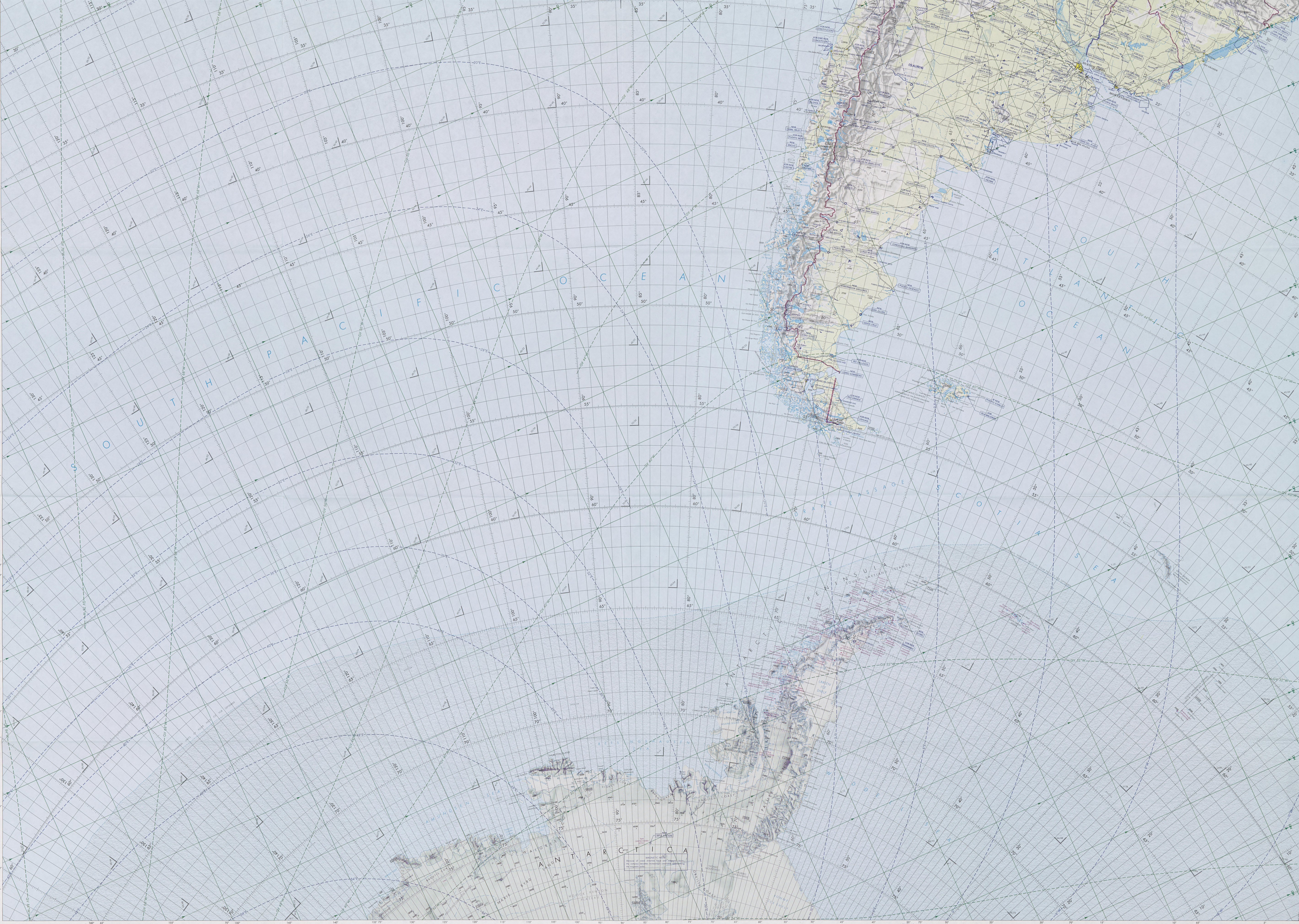
Operating..........

Refuge..........

NOTES

THIS CHART IS NOT AN AUTHORITY FOR INTERNATIONAL BOUNDARIES.

SOVEREIGNTY CLAIMS SOUTH OF 60° SOUTH LATITUDE ARE NOT RECOGNIZED BY THE UNITED STATES GOVERNMENT. NATIONS OPERATING STATIONS IN ANTARCTICA ARE DESIGNATED; NO SOVEREIGNTY CLAIM IS INTENDED.


SOUTH PACIFIC OCEAN
SOUTH ATLANTIC OCEAN
SCOTIA SEA
ANTARCTIC PENINSULA
ANTARCTICA
MARIE BYRD
HOLLICK-KENYON PLATEAU
EXECUTIVE COMMITTEE RANGE
HOBBS COAST
RONNE ICE SHELF
MONTEVIDEO
GV 10°W
GV 24°W
GV 32°W
GV 40°W
GV 48°W
GV 68°W
GV 84°W
16°E
20°E
24°E
28°E
32°E
36°E
40°E
48°E
64°E
52/56
56/60
48/52
64/68
68/72
W-7
W-8

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DISTRIBUTION DIVISION (C-44)
NATIONAL OCEAN SURVEY
RIVERDALE, MD. 20840

STOCK NO. GNCXX24

GNC 24

SCALE 1:5,000,000

EDITION 6

Lithographed by DMAAC 12-76

CAUTION

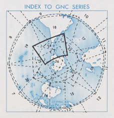
AIR INFORMATION CURRENT THROUGH
14 JULY 1976

Consult Notices to Airmen (NOTAMs) and Flight Information Publications (FLIPs) for the latest air information; the Chart Updating Manual (CHUM) for other chart revision information.

LINES OF EQUAL MAGNETIC VARIATION FOR 1975

Prepared and published by the Defense Mapping Agency Aerospace Center, St. Louis Air Force Station, Missouri 63118.
Compiled May 1970. Revised July, 1976.

INDEX TO GNC SERIES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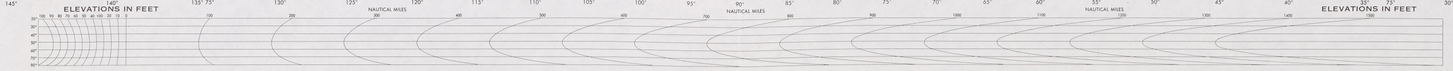
ELEVATIONS IN FEET


20°
30°
40°
50°
60°
70°
80°
100
90
80
70
60
50
40
30
20
10
0
NAUTICAL MILES
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500

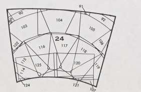
LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS
37°00′ and 65°00′
Convergence Factor .78535

GLOBAL NAVIGATION AND PLANNING CHART

HARBOR FACILITIES

Logistic planners may obtain complete detailed information on port facilities and freight handling capacities for shipping in H.O. Pub. No. 150, World Port Index (UNCL), published by the Defense Mapping Agency Hydrographic Center.

INDEX TO JNC COVERAGE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GNC 24

EDITION 6