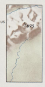
GNC 25N

LEGEND

AREA TINTS



Hilly and mountainous areas

Valleys & relatively level areas (green)

SPOT ELEVATIONS
Maximum vertical error 100 feet 0000
Critical elevation 0000

TRANSPORTATION
Railroads
Roads..........

Operational Navigation Chart series indicated thus: H-1
World Aeronautical Charts 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.

MISCELLANEOUS
▲ Compulsory reporting point.

The name of a radio facility similar to an adjacent city or airfield is omitted.

CONVERSION OF ELEVATIONS

FEET (Thousands)	METERS (Thousands)
30	9
0	0

This chart is not an authority for international boundaries.

NOTE: FOR GRID OPERATION ONLY
When crossing the 180th meridian in grid operation, the value of the current grid heading will change due to the convergence of grid lines along this meridian. The difference is 77°16' which represents a constant angle for the latitude band covered by this chart. Therefore when crossing the 180th meridian it will be necessary to remeasure the grid course based on the new grid north and compute a new grid heading or correct the current grid heading by use of the following formulae:
GOING WESTWARD (TRUE) DECREASE GRID HEADING BY 77°16'
GOING EASTWARD (TRUE) INCREASE GRID HEADING BY 77°16'

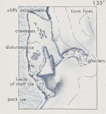
Lines of constant grid variation (isogriv) —GV 10°W—

CONVERGENCE TABLE – STANDARD PARALLELS 37° & 65°

LONG.	CONV.	LONG.	CONV.	LONG.	CONV.	LONG.	CONV.	LONG.	CONV.	LONG.	CONV.
0°	0°00'	16°	12°34'	32°	25°08'	48°	37°42'	64°	50°16'	80°	62°50'
1°	0°47'	17°	13°21'	33°	25°55'	49°	38°29'	65°	51°03'	81°	63°37'
2°	1°34'	18°	14°08'	34°	26°42'	50°	39°16'	66°	51°50'	82°	64°24'
3°	2°21'	19°	14°55'	35°	27°29'	51°	40°03'	67°	52°37'	83°	65°11'
4°	3°08'	20°	15°42'	36°	28°16'	52°	40°50'	68°	53°24'	84°	65°58'
5°	3°56'	21°	16°30'	37°	29°03'	53°	41°37'	69°	54°11'	85°	66°45'
6°	4°43'	22°	17°17'	38°	29°51'	54°	42°25'	70°	54°58'	86°	67°32'
7°	5°30'	23°	18°04'	39°	30°38'	55°	43°12'	71°	55°46'	87°	68°20'
8°	6°17'	24°	18°51'	40°	31°25'	56°	43°59'	72°	56°33'	88°	69°07'
9°	7°04'	25°	19°38'	41°	32°12'	57°	44°46'	73°	57°20'	89°	69°54'
10°	7°51'	26°	20°25'	42°	32°59'	58°	45°33'	74°	58°07'	90°	70°41'
11°	8°38'	27°	21°12'	43°	33°46'	59°	46°20'	75°	58°54'	91°	71°28'
12°	9°25'	28°	21°59'	44°	34°33'	60°	47°07'	76°	59°41'	92°	72°15'
13°	10°13'	29°	22°47'	45°	35°20'	61°	47°54'	77°	60°28'	93°	73°02'
14°	11°00'	30°	23°34'	46°	36°08'	62°	48°42'	78°	61°15'	94°	73°49'
15°	11°47'	31°	24°21'	47°	36°55'	63°	49°29'	79°	62°03'	95°	74°36'

LONG.	CONV.	LONG.	CONV.	LONG.	CONV.	LONG.	CONV.	LONG.	CONV.	LONG.	CONV.
96°	75°24'	112°	87°58'	128°	100°31'	144°	113°05'	160°	125°39'	176°	138°13'
97°	76°11'	113°	88°45'	129°	101°19'	145°	113°53'	161°	126°26'	177°	139°00'
98°	76°58'	114°	89°32'	130°	102°06'	146°	114°40'	162°	127°14'	178°	139°48'
99°	77°45'	115°	90°19'	131°	102°53'	147°	115°27'	163°	128°01'	179°	140°35'
100°	78°32'	116°	91°06'	132°	103°40'	148°	116°14'	164°	128°48'	180°	141°22'
101°	79°19'	117°	91°53'	133°	104°27'	149°	117°01'	165°	129°35'		
102°	80°06'	118°	92°40'	134°	105°14'	150°	117°48'	166°	130°22'		
103°	80°53'	119°	93°27'	135°	106°01'	151°	118°35'	167°	131°09'		
104°	81°41'	120°	94°15'	136°	106°48'	152°	119°22'	168°	131°56'		
105°	82°28'	121°	95°02'	137°	107°36'	153°	120°10'	169°	132°43'		
106°	83°15'	122°	95°49'	138°	108°23'	154°	120°57'	170°	133°31'		
107°	84°02'	123°	96°36'	139°	109°10'	155°	121°44'	171°	134°18'		
108°	84°49'	124°	97°23'	140°	109°57'	156°	122°31'	172°	135°05'		
109°	85°36'	125°	98°10'	141°	110°44'	157°	123°18'	173°	135°52'		
110°	86°23'	126°	98°57'	142°	111°31'	158°	124°05'	174°	136°39'		
111°	87°10'	127°	99°44'	143°	112°18'	159°	124°52'	175°	137°26'		

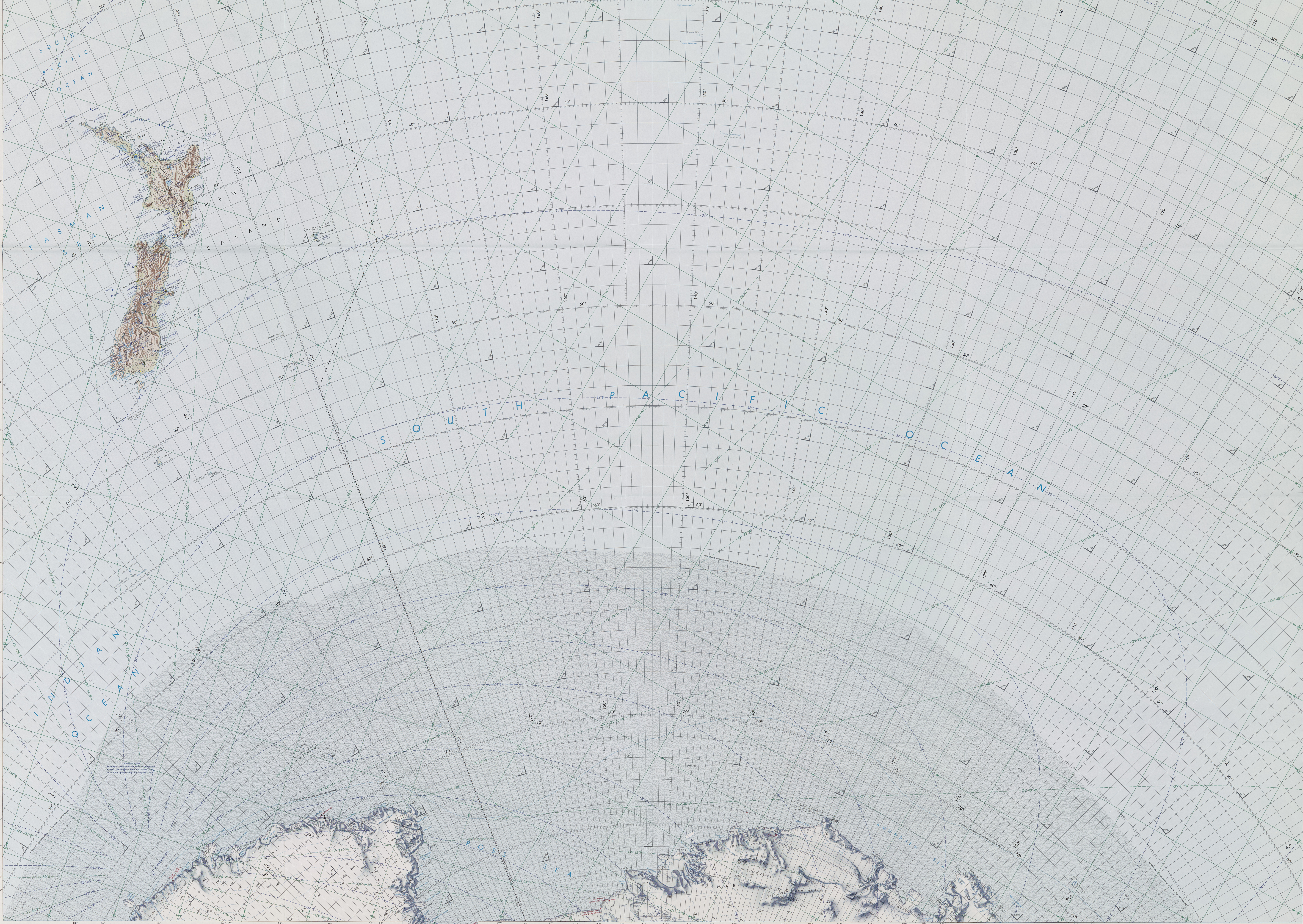
ANTARCTIC LEGEND


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

ELEVATIONS
Critical ....× 0000
Position accurate, maximum possible error undetermined..........×0000
Approximate or doubtful locations are indicated by omission of point locator ("x")..........0000

STATIONS
Operating .... ⊙
Refuge .... ■

Sovereignty claims south of 60° south latitude are not recognized by the United States Government.


SOUTH PACIFIC OCEAN
TASMAN SEA
NEW ZEALAND
NORTH ISLAND
SOUTH ISLAND
SOUTH PACIFIC OCEAN
INDIAN OCEAN
ROSS SEA
AMUNDSEN SEA
MARIE BYRD LAND
EXECUTIVE COMMITTEE RANGE
WALGREEN COAST
BELLINGSHAUSEN SEA
CLARIE COAST
ADELIE COAST
VICTORIA LAND
PRINCE ALBERT MOUNTAINS
EDWARD VII PENINSULA
CLARK MOUNTAINS
KOHLER RANGE
PEACOCK SOUND
KING ISLAND
CANISTEO PENINSULA
Pine Island Bay
Little America V (UNITED STATES CONTROL) refuge
Little America III (UNITED STATES CONTROL)
McMURDO STATION
ROSS ISLAND
DATE LINE (Sunday) (Monday)
MAXIMUM LIMITS OF POLAR PACK ICE FOR SEPTEMBER
pack ice
GV 80°E
GV 96°W
GV 80°W
GV 64°W
GV 56°E
GV 24°W
GV 120°E
GV 104°E
GV 136°E
GV 144°E
GV 10°W
-32°W
-48°W
-64°W
144°E
160°E
16°E
24°E
32°E
0°
12450
13720
64/68
58/72
56/60
130°
135°
140°
145°
150°
155°
160°
165°
170°
175°
180°
30°
40°
50°
60°
70°
90°
100°
110°
120°

ELEVATIONS IN FEET

NAUTICAL MILES

	100	90	80	70	60	50	40	30	20	10	0	100	200	300	400	500	600	700	800	900	1000	1100
30°																						
40°																						
50°																						
60°																						
70°																						

ELEVATIONS IN FEET

GNC 25N

SCALE 1:5,000,000

EDITION 8

LINES OF EQUAL MAGNETIC VARIATION FOR 1975

CAUTION
AIR INFORMATION CURRENT THROUGH
19 DECEMBER 1974
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.

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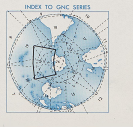
Revised November 1974

INDEX TO GNC SERIES

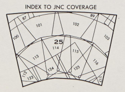

18
10
17
8
19
24
26
25
21
20
7
15
12
13

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 25N

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