GNC 22N

LEGEND

AREA TINTS

Hilly and mountainous areas.

Valleys & relatively level areas (green)

SPOT ELEVATIONS

Maximum vertical error 100 feet 0000
Maximum possible vertical error 250 feet x0000
Approximate or doubtful locations are indicated by omission of the point locator (dot or x). . . 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

Longest runway 4000' or over

Dot indicates Geographical Location of Aerodrome.

SEAPLANE	LANDPLANE	
◎	◎	Military
⊕	○	Civil
◎	◎	Joint Civil and Military
	○	Landing Area
	⚓	Sheltered Anchorage
	▲	Radio Tower 1500' above ground

MISCELLANEOUS

P-16
Prohibited Area

D-4
Danger, Restricted or Warning Area

C-10
Caution Area

Number indicates Internationally recognized numerical identification.

All Special Use Airspace is protrayed in the body of this chart with the following exception: Those below 10,000 feet.

CONVERSION OF ELEVATIONS

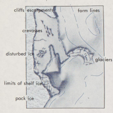
FEET METERS (Thousands) (Thousands)

CONVERGENCE TABLE

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

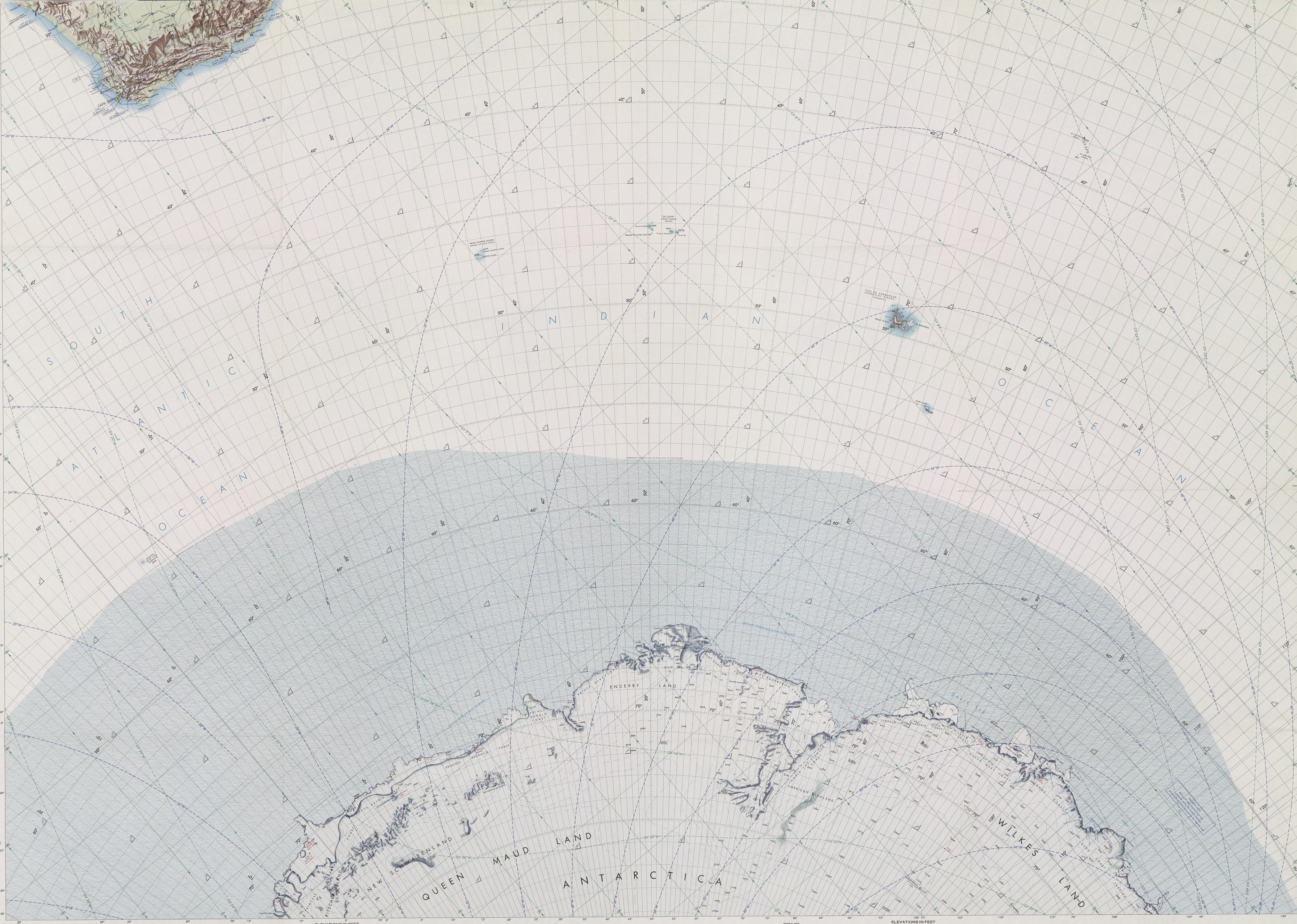
ELEVATIONS

Elevation and position accurate, maximum vertical error 100 feet 0000
Position accurate, maximum possible error undetermined . . . . x 0000
Approximate or doubtful locations are indicated by omission of point locator (dot or x). 0000
Critical 0000

STATIONS

Operating . . . . ⊙
Refuge . . . . ■

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


SOUTH ATLANTIC OCEAN
INDIAN OCEAN
AFRICA
CAPE TOWN
TAFELBERG
SOUTH-WEST AFRICA (INTERNATIONAL TERRITORY)
PRINCE EDWARD ISLANDS
ÎLES CROZET
ÎLES DE KERGUELEN
ENDERBY LAND
PRINCE HARALD COAST
PRINCESS RAGNHILD COAST
PRINCESS ASTRID COAST
NEW SCHWABENLAND
RITSCHER UPLAND
QUEEN MAUD LAND
ANTARCTICA
AMERICAN HIGHLAND
LEOPOLD AND ASTRID COAST
QUEEN MARY COAST
DAVIS SEA
WILKES LAND
SABRINA COAST
Cape Norvegia
Seal Bay
GV 28°W
GV 24°W
GV 16°W
GV 20°W
GV 0°
GV 16°E
GV 40°E
26°W
24°W
20°W
16°W
8°W
30°
40°
50°
60°
70°
80°
90°
100°
110°
120°
125°
130°

GNC 22N

SCALE 1:5,000,000

EDITION 3

This edition supersedes GNC 22N 2nd Edition and Revisions thereto

CAUTION
AIR INFORMATION CURRENT THROUGH
2 FEBRUARY 1970
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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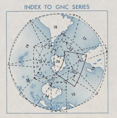
Lithographed by ACIC 11-70

INDEX TO GNC SERIES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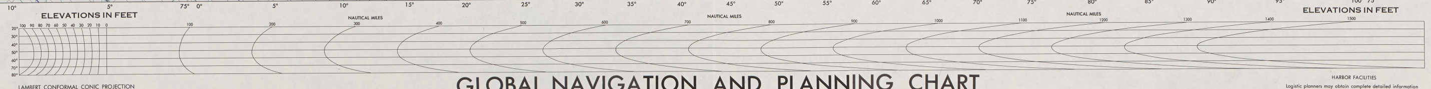
ELEVATIONS IN FEET
NAUTICAL MILES
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
ELEVATIONS IN FEET

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 U.S. Naval Oceanographic Office.

NOTE: It is requested that all users of this chart mark hereon corrections and additions which come to their attention and mail direct to COMMANDER, AERONAUTICAL CHART AND INFORMATION CENTER, SECOND AND ARSENAL, ST. LOUIS, MISSOURI 63118 ATTN. PDP.

GNC 22N