GNC 23N

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).
Critical elevation 0000
Lake 0000

TRANSPORTATION

Railroads
Dual Lane Highways
Roads

NOTE

THE REPRESENTATION OF INTERNATIONAL BOUNDARIES ON THIS CHART IS NOT NECESSARILY AUTHORITATIVE.

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

A. . . . Radio Tower 1500' above ground

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

MISCELLANEOUS

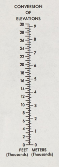
P-16
Prohibited Area

D-4
Danger, Restricted or Warning Area

C-10
Caution Area

Number indicates Internationally recognized numerical identification.

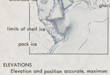
All Special Use Airspace is Portrayed in the body of this chart with the following exceptions:
(1) Those that are activated by NOTAM.
(2) Those below 10,000 feet.


CONVERSION OF ELEVATIONS
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
9
8
7
6
5
4
3
2
1
0
FEET (Thousands)
METERS (Thousands)

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'		

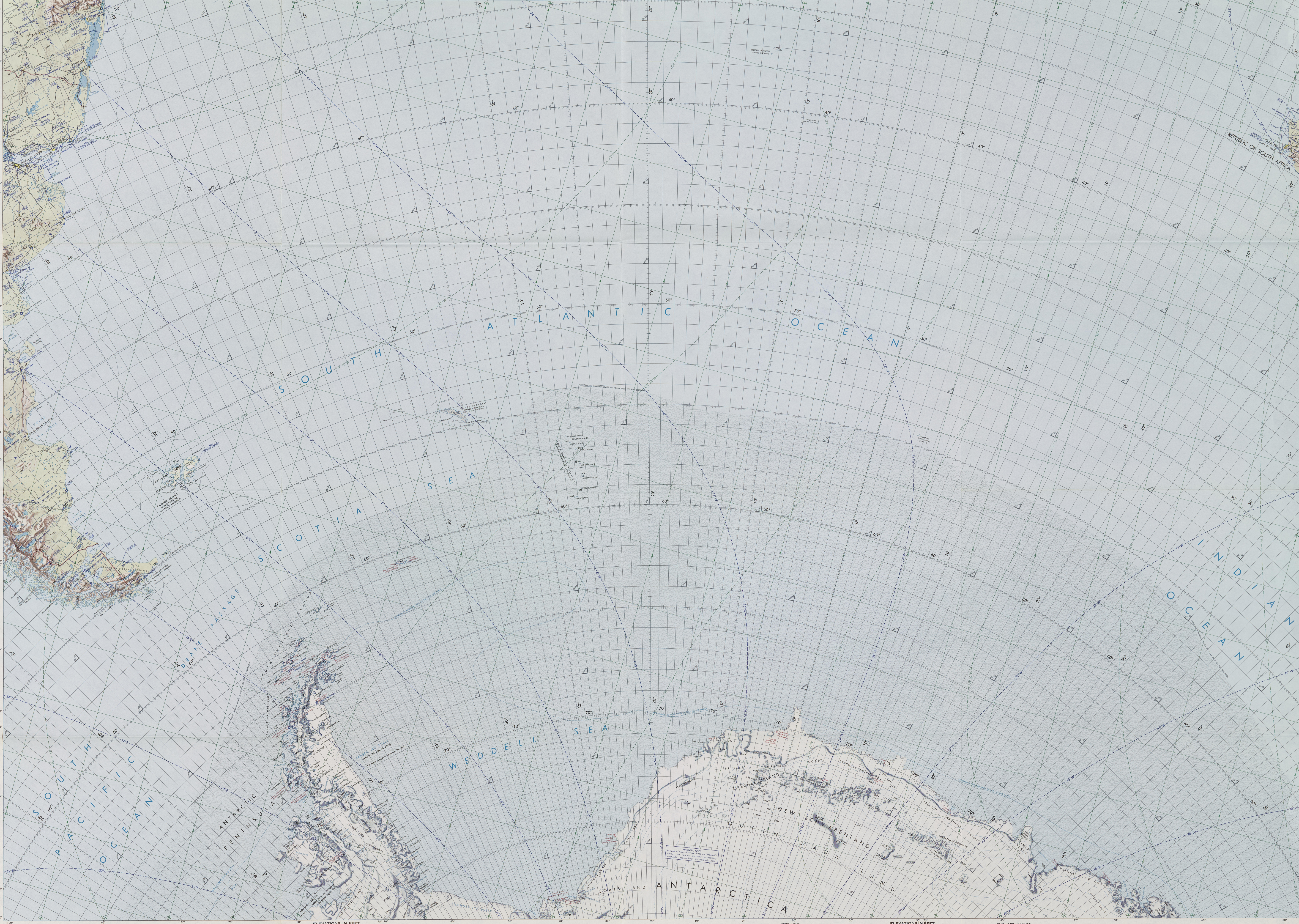
ANTARCTIC LEGEND


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
REPUBLIC OF SOUTH AFRICA
SCOTIA SEA
DRAKE PASSAGE
WEDDELL SEA
SOUTH PACIFIC OCEAN
INDIAN OCEAN
ANTARCTIC PENINSULA
ANTARCTICA
COATS LAND
QUEEN MAUD LAND
NEW SCHWABENLAND
PRINCESS ASTRID COAST
PRINCESS RAGNHILD COAST
PRINCE OLAV COAST
ENDERBY LAND
BELLINGSHAUSEN SEA
ROBERT ENGLISH COAST
FILCHNER ICE SHELF
ISLA DUQUE DE YORK
ISLA JORGE MONTT
ARCHIPIELAGO REINA ADELAIDA
BUENOS AIRES
BAHIA BLANCA
GOLFO SAN MATIAS
LIVRAMENTO
MERCEDES
FRAY BENTOS
AZUL
TRES ARROYOS
Refer to GNC 26N 5th Edition for major changes in the Robert English Coast
GV 10°W
GV 40°W
32°E
24°E
48°W
40°W
GN

GNC 23N

SCALE 1:5,000,000

EDITION 5

4th EDITION of GNC 23 is obsolete.

LINES OF EQUAL MAGNETIC VARIATION FOR 1970

CAUTION

AIR INFORMATION CURRENT THROUGH 20 JUNE 1973
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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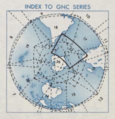
Lithographed by DMAAC 9-73

INDEX TO GNC SERIES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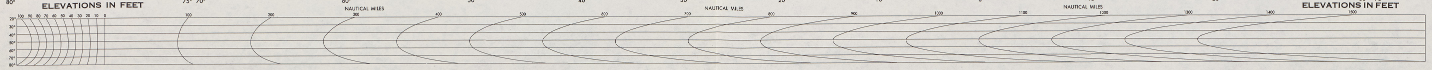

ELEVATIONS IN FEET
NAUTICAL MILES
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
20°
30°
40°
50°
60°
70°
80°

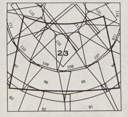
LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS
37°00' and 65°00'
Convergence Factor .78535

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

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.

INDEX TO JNC COVERAGE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GNC 23 N