# GNC 24N

## 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 from 250 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

NOTES

**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 |
| | AOE | Airport of Entry |
| | Δ.... | 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 portrayed in the body of this chart with the following exceptions:**
**(1) Those that are activated only by NOTAM.**
**(2) Those below 10,000 feet.**

CONVERSION OF ELEVATIONS

FEET (Thousands) METERS (Thousands)

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

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

SPOT ELEVATIONS

Maximum vertical error 100 feet .............. • 0000

Maximum possible vertical error varies from 200 to 500 feet .............. × 0000

Approximate or doubtful locations are indicated by omission of the point locator (dot or ×).

Critical elevation ........ • 0000

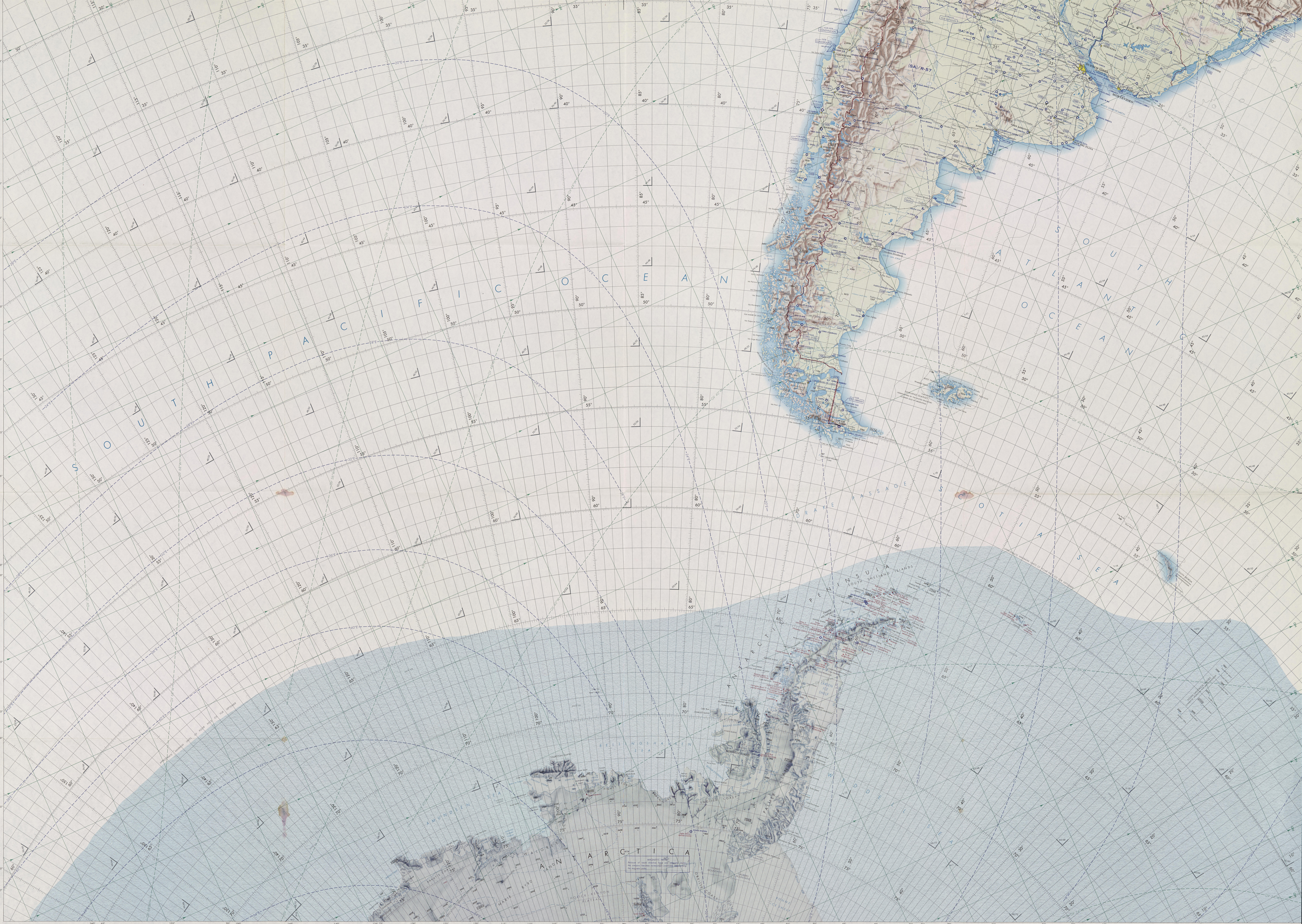
STATIONS

Operating ............... ⊙

Refuge .................. ■

NOTES

**SOVEREIGNTY CLAIMS SOUTH OF 60° SOUTH LATITUDE ARE NOT RECOGNIZED BY THE UNITED STATES GOVERNMENT.**



# GNC 24N

SCALE 1:5,000,000

*EDITION 5*

This edition supersedes GNC 24N Edition 4

LINES OF EQUAL MAGNETIC VARIATION FOR 1970.

CAUTION
AIR INFORMATION CURRENT THROUGH 27 APRIL 1971
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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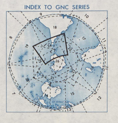
INDEX TO GNC SERIES



ELEVATIONS IN FEET

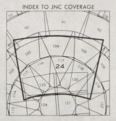
LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS
37°00' and 65°00'
Convergence Factor .78535

# 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.

INDEX TO JNC COVERAGE



Users can assist in the improvement of this chart by marking hereon corrections and additions which come to their attention and by mailing directly to COMMANDER, AERONAUTICAL CHART AND INFORMATION CENTER, SECOND AND ARSENAL, ST. LOUIS, MISOURI 63118. ATTN: PDP.

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