JNC 109N

EDITION 1

HIGHEST TERRAIN elevation is 11010 feet located at 73°33'S, 61°40'E

TERRAIN TINTS

ELEVATIONS ARE IN FEET

AREAS OF UNRELIABLE RELIEF ARE DEVOID OF TINT

WATER TINTS

Sea level
10 fms
100 fms
500 fms
1000 fms
Below 1000 fms

DEPTHS ARE IN FATHOMS

NOTE

CLAIMS OF SOVEREIGNTY 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.

CONVERGENCE TABLE

LONG.	CONV.
30°	23°34'
31°	24°23'
32°	25°08'
33°	25°52'
34°	26°42'
35°	27°32'
36°	28°26'
37°	29°15'
38°	29°51'
39°	30°38'
40°	31°25'
41°	32°12'
42°	32°59'
43°	33°46'
44°	34°33'
45°	35°20'
46°	36°08'
47°	36°55'
48°	37°42'
49°	38°29'
50°	39°16'
51°	40°03'
52°	40°50'
53°	41°37'
54°	42°25'
55°	43°12'
56°	43°59'
57°	44°46'
58°	45°33'
59°	46°20'
60°	47°07'
61°	47°54'
62°	48°42'
63°	49°29'
64°	50°16'
65°	51°03'
66°	51°50'
67°	52°37'
68°	53°24'
69°	54°11'
70°	54°58'
71°	55°46'
72°	56°33'
73°	57°20'
74°	58°07'
75°	58°54'
76°	59°41'
77°	60°28'
78°	61°15'
79°	62°03'
80°	62°50'
81°	63°37'
82°	64°24'
83°	65°11'
84°	65°58'
85°	66°45'
86°	67°32'
87°	68°20'
88°	69°07'
89°	69°54'
90°	70°41'
91°	71°28'
92°	72°15'

ALTITUDE CONVERSION SCALE

Meters 30 25 20 15 10 5 0
Feet 100 80 70 60 50 40 30 20 10 0

For conversions above 100 feet add the numbers of ciphers to the figures on both sides of scale

GEOREF BASIC 15° QUADRANGLE

135° 150° 165°
45° WK EK 45°
WJ EJ
30° WH EH 30°
135°

TO REFERENCE BY THE GEOREF TO TEN MINUTES

Sample Point: VILLAGE

1. WJ identifies basic 15° quadrangle
2. LB identifies 1° quadrangle
3. 20 identifies Georef minute of longitude
4. 10 identifies Georef minute of latitude

5. Sample reference: WJLB 2010

LEGEND

GENERAL

Ice Cliffs
Crevasses
Nunataks
Escarpments
Ice free areas

RADAR ALTIMETRY AREAS

None Shown

SPOT ELEVATIONS

Critical Elevations 00000
Maximum possible vertical error 500 feet ±0000
Approximate location, vertical error 1000 feet 0000

AERONAUTICAL INFORMATION

AERODROMES

Longest runway 4000' or over. Dot indicates Geographical location of Aerodrome. Aerodrome elevation below name.

RUNLANE	LANDPLANE	
		Military
		Civil
		Joint Civil and military
		Landing Area
		Shelter Anchorage

RADIO AIDS TO NAVIGATION

VHF OMNI RANGE (VOR)
VORTAC
TACAN
VOR with DME
Other Facilities

ICAO ROUTE

ECHO ROUTE

Compulsory Reporting Point
Non-Compulsory Reporting Point

SPECIAL USE AIRSPACE

Prohibited Area P-16
Danger, Restricted, Warning, Alert, or Caution Area D-4

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.

Flight Information Region (FIR)
Upper Flight Information Region (UIR)
Sub Flight Information Region (Sub FIR)

INDEX TO JNC SERIES

GNOMONIC JET NAVIGATION CHART

SERIES JNC
SHEET 109N
EDITION 1

JNC-109N

SCALE 1:2,000,000

"Air Navigation Charts (Code: V30) completely within the area are discontinued. Those that are partially within this area should be retained until publication of the adjacent Jet Navigation Chart (JNC)."

Prepared and published by the Defense Mapping Agency Aerospace Center, St. Louis Air Force Station, Missouri 63118.

Lithographed by DMAAC 9-74

CAUTION

AIR INFORMATION CURRENT THROUGH 14 NOVEMBER 1975

Consult NOTAMS and Flight Information Publications for the latest air information. the DOD Aeronautical Chart Updating Manual or MOD (UK) Aeronautical Chart Amendment Document for other chart revision information.

LINES OF EQUAL MAGNETIC VARIATION FOR 1970

CONTOURS

A. RELIABLE: Accurate within 500 ft.
B. APPROXIMATE: Accurate within 1000 ft.
D. UNRELIABLE: Evaluated as accurate within 3000 ft. (except as noted).

CONTOUR ACCURACY LEGEND

Relief information in the Antarctic area is incomplete

JET NAVIGATION CHART

ELEVATIONS IN FEET

Users should refer corrections, additions and comments for improving this product to: DIRECTOR, DEFENSE MAPPING AGENCY AEROSPACE CENTER, ST. LOUIS AFS, MISSOURI 63118. ATTN: PP

ELEVATIONS IN FEET

Lambert Conformal Conic Projection
Standard Parallels 37° and 65°
Convergence factor .78535

NAUTICAL MILES

JNC-109N

EDITION 1

INDIAN OCEAN

AMERICAN HIGHLAND

QUEEN FABIOLA MOUNTAINS

ENDERBY LAND

MACROBERTSON LAND

KEMP COAST

MAWSON COAST

PRINCESS ELIZABETH LAND

QUEEN MAUD LAND

PRINCE HAROLD COAST

CHRISTENSEN COAST

ÎLES KERGUELEN (FRANCE)

HEARD ISLAND (AUSTRALIA)

APPROXIMATE MAXIMUM LIMITS OF PACK ICE (OCTOBER)

APPROXIMATE MINIMUM LIMITS OF POLAR ICE (FEBRUARY)