V30-SP11

AIR NAVIGATION CHART ANTARCTICA
McMURDO SOUND—WEDDELL SEA

POLAR STEREOGRAPHIC PROJECTION
Scale 1" = 30 Nautical Miles (1:2,188,800) at 71° South Latitude
Published at Washington, D. C., by the U. S. NAVAL OCEANOGRAPHIC OFFICE
under the authority of the SECRETARY OF THE NAVY

ELEVATIONS IN FEET

Edition 12– Aug. 1969*
CONSULT THE DOD AERONAUTICAL CHART UPDATING MANUAL (CHUM) AND THE DOD FLIGHT INFORMATION PUBLICATIONS (FLIP) FOR INFORMATION CORRECTING THIS CHART.

No. V30-SP11
Price $1.40

It is requested that users of this chart indicate corrections and/or additions which come to their attention and notify the U. S. NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D. C. 20390

GRID NAVIGATION (SOUTH-POLAR)

1. GRID NORTH is indicated by arrows on the grid lines.
2. GRID COURSE is measured clockwise from GRID NORTH and cuts all grid lines at a constant angle.
3. TRUE HEADING is computed by conventional means.
4. GRID HEADING=TRUE HEADING −west longitude +East longitude

OPERATING STATIONS

- Open during Winter and Summer
- Summer season operations only
- Recently deactivated

AERONAUTICAL LEGEND

- Aerodrome
- Control Zone
- Air Route
- Reporting Point

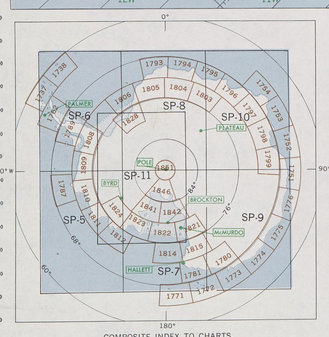
MAJOR TURNING POINT DATA ON ARMY—NAVY DRIVE

Mile Station	Elevation (uncorrected)	Coordinates	Mile Station	Elevation (uncorrected)	Coordinates
0	elev 105	Lat. 78°11'35"S Long. 162°15'48"W	240	elev 2135	Lat. 79°14'48"S Long. 147°29'00"W
104		Lat. 79°17'01"S Long. 156°52'06"W	300	elev 2595	Lat. 78°47'18"S Long. 143°49'00"W
160		Lat. 79°35'12"S Long. 152°55'20"W	480	elev 4495	Lat. 78°47'18"S Long. 130°28'00"W
171		Lat. 79°33'00"S Long. 152°02'00"W	500	elev 4950	Lat. 79°13'00"W Long. 129°13'00"W
183.5	elev 170	Lat. 79°34'15"S Long. 151°02'30"W	643.8	elev 5095	Lat. 79°27'39"S Long. 120°10'00"W
190.9	elev 220	Lat. 79°27'39"S Long. 151°08'02"W	646.4	elev 4971	Lat. 79°59'55"S Long. 119°59'21"W

Mile Station	Outbound Courses (True) Initial Course	Final Course
0 to 104	138°.5	134°.8
104 to 160	121°.0	114°.0
160 to 171	077°.5	076°.0
171 to 183.5	091°.5	098°.9
183.5 to 190.9	Various North & Northwesterly	
190.9 to 240	077°.0	076°.0
240 to 300	058°.0	057°.2
300 to 480	095°.7	079°.2
480 to 500	128°.4	128°.5
500 to 643.8	129°.5	120°.4
643.8 to 646.4	134°.0	134°.0

CONVERSION OF ELEVATIONS

Feet	Meters
30,000	9,000
29,000	8,500
28,000	8,000
27,000	8,000
26,000	8,000
25,000	7,500
24,000	7,500
23,000	7,000
22,000	6,500
21,000	6,500
20,000	6,000
19,000	5,500
18,000	5,500
17,000	5,000
16,000	5,000
15,000	4,500
14,000	4,000
13,000	4,000
12,000	3,500
11,000	3,500
10,000	3,000
9,000	3,000
8,000	2,500
7,000	2,000
6,000	2,000
5,000	1,500
4,000	1,500
3,000	1,000
2,000	1,000
1,000	500
0	0



COMPOSITE INDEX TO CHARTS.
Polar Navigation Charts SP Series Scale 1:2,188,800
World Aeronautical Charts Scale 1:1,000,000

V30-SP11

SYMBOL LEGEND

- Cache, refuge or inactive sta.
- Spot elevations (1503)
- Uncorrected elevation (elev 1835)
- 12-foot snow cairn with barrel marker
- Crashed plane
- Trails
- Shoreline, definite
- Shoreline, indefinite
- Ice free land areas
- Glacier
- Ice tongue (feature extending beyond coastline)
- Crevasse
- Ice pressure ridges
- Hummocks
- Ice cliffs
- Shelf ice limits
- Contours (1000)
- Approximate contours (1000)
- Formlines
- Nunataks, mountains-hills (nunataks, flat top)