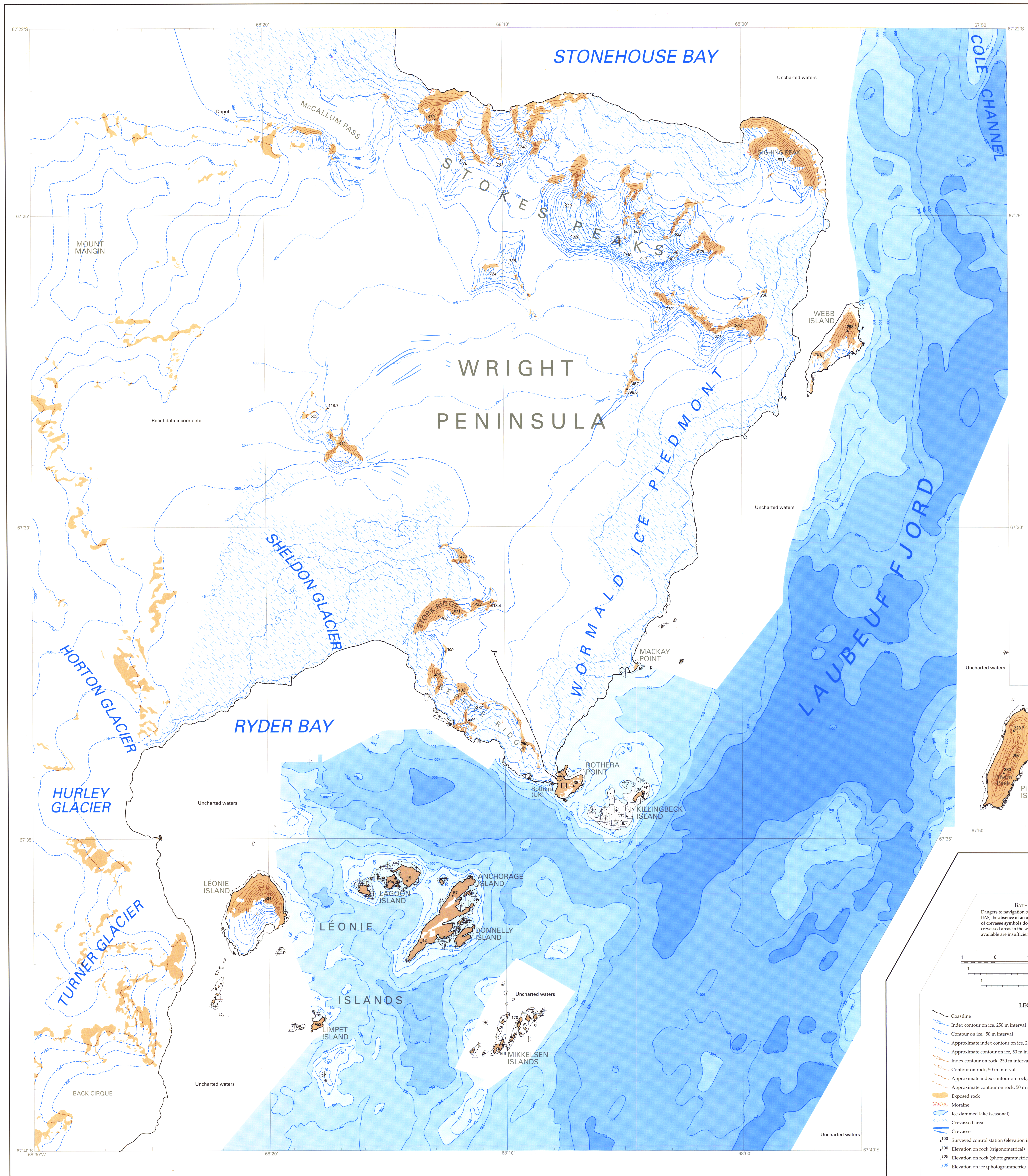


# ROTHERA POINT-WRIGHT PENINSULA, ADELAIDE ISLAND

## WRIGHT PENINSULA

Series BAS SCISTAMAP  
Sheet 1B  
Edition 1, 1995

Scale: 1:50 000



**COMPILATION DIAGRAM**

**Compilation details for Wright Peninsula 1:50 000 scale**

**TOPOGRAPHY**  
**Ground control:** Adjusted British Antarctic Territory (BAT) survey network (1985), based on pre-1976 local area networks and Geociever doppler data (1975-79).  
**Aerial photography** (flight lines and frame numbers listed below):  
**A** Institut für Angewandte Geodäsie (IAG): 02/26: 336-352 (Feb. 1989); 02/22: 131-134 (Feb. 1989)  
**B** IAG: 03/32: 299-302 (Feb. 1989)  
**C** Falkland Islands and Dependencies Aerial Survey Expedition (FIDASE): 26/FID/66: 152,153 (Jan. 1957)  
**D,E** FIDASE: 26/FID/67: 16,17,112,113 (Jan. 1957)  
**F** British Antarctic Survey (BAS): BAS 3/91: 130,131 (Jan. 1991)  
 Contours derived photogrammetrically; approximate contours derived from digital satellite imagery using shape-from-shading techniques.  
**Satellite imagery:**  
**G** Part of the IAG digital Landsat Thematic Mapper mosaic, geo-referenced by IAG to the BAT survey network. This part of the mosaic based on the following scenes:

| Path/Row | Scene No.   | Date        |
|----------|-------------|-------------|
| 220/107  | 50719 12493 | 18 Feb 1986 |
| 220/107  | 50735 12490 | 06 Mar 1986 |
| 220/108  | 50735 12433 | 06 Mar 1986 |
| 220/108  | 50719 12495 | 18 Feb 1986 |

Detail on the satellite imagery interpreted from aerial photography by IAG: 02/22 and 02/23 (1989) and FIDASE 26/FID/67 (1957), and from BAS unpublished maps prepared during geological field mapping by G.J. Dewar, 1961-63 (BAS Archives No. AD6/ES/3/GY33/4), and field photographs by BAS geologists (G.J. Dewar, 1962, and C.J. Griffiths, 1992).  
 Formlines derived from the Antarctic digital database, published by the Scientific Committee on Antarctic Research in 1993, and adjusted to the satellite image mosaic.

**BATHYMETRY**  
**1** Compiled at BAS from UK Hydrographic Office unpublished collector sheet No. K7590/1 (1976); detail merged by BAS to data supplied for area (2).  
**2** Isobaths compiled by UK Hydrographic Office from Admiralty Chart No. 3462 (1993).

**Acknowledgements**  
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**CAUTIONS AND DANGERS TO NAVIGATION**  
 BATHYMETRY NOT TO BE USED FOR NAVIGATIONAL PURPOSES  
 Dangers to navigation outside of Admiralty Chart No. 3462 (1993) were compiled photogrammetrically at BAS; the absence of an off-shore danger symbol does not imply that no danger exists. On land, the absence of crevasse symbols does not necessarily indicate a crevasse-free area. For example, the limits of highly crevassed areas in the western part of the sheet (G of compilation diagram) are not shown because the data available are insufficient for reliable mapping.

**SCALE 1:50 000**

1 0 1 2 3 4 5  
 kilometres  
 1 0 1 2  
 nautical miles  
 1 0 1 2  
 statute miles

**LEGEND 1:50 000 scale map**

|   |  |
|---|--|
| Coastline   | Marked oversnow route  |
| Index contour on ice, 250 m interval              | Aerodrome (with facilities) suitable for wheeled aircraft              |
| Contour on ice, 50 m interval                     | Aerodrome (without facilities) suitable for ski-equipped aircraft only |
| Approximate index contour on ice, 250 m interval  | Scientific station   |
| Approximate contour on ice, 50 m interval         | Refuge   |
| Index contour on rock, 250 m interval             | Bathymetric index contour, 500 m interval                              |
| Contour on rock, 50 m interval                    | Bathymetric contour, 100 m interval                                    |
| Approximate index contour on rock, 250 m interval | Drying rock  |
| Approximate contour on rock, 50 m interval        | Rock awash   |
| Exposed rock                                      | Submerged rock   |
| Moraine   | Limiting danger line   |
| Ice-dammed lake (seasonal)                        | Bathymetric tints  |
| Crevasse area                                     | 0  |
| Crevasse  | 100  |
| Surveyed control station (elevation in metres)    | 300  |
| Elevation on rock (trigonometrical)               | 500  |
| Elevation on rock (photogrammetric)               |  |
| Elevation on ice (photogrammetric)                |  |