

JUSTIFICATION FOR PROPOSED ADDITIONS TO INT CHARTING FOR REGION M

Melchior Islands

HCA12-07.1D

Usage:

- Argentine scientific station “Melchior”
- Tourist vessel visits and small boat cruising in and around Melchior Islands and Dallmann Bay (2010-11 season 5300)
- Used by vessels transiting North and South

Charting:

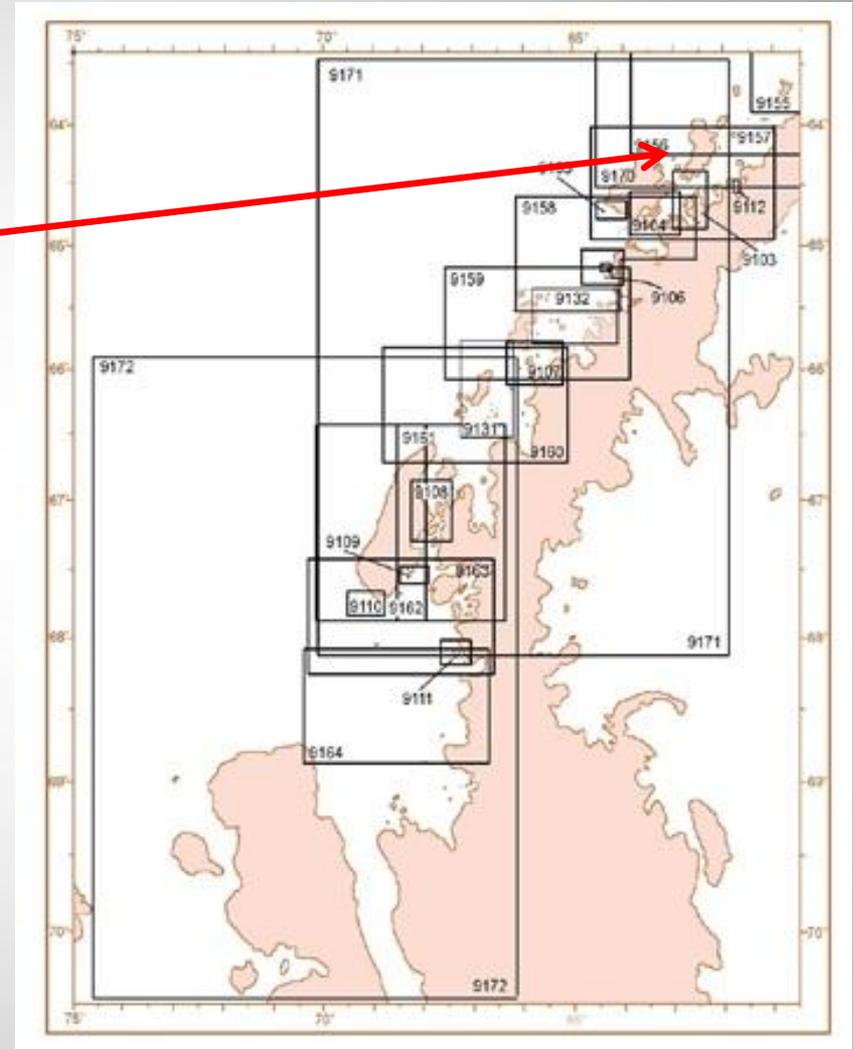
- Existing INT chart coverage INT9157 (Chile) 1:150 000
- Existing National chart coverage:
 - Argentina H101 (1:20 000)
 - Chile 15215 (1:20 000)
 - Russia 58992 (1:30 000)
 - UK 3213 (1:35 000)
 - USA 29106 (1:35 000)
- WGS84 charting required and updated satellite imagery to reconcile retreating ice fronts/glaciers and channels that are now known to be open.
- To provide adequate large scale navigational INT coverage

MELCHIOR ISLANDS

**Existing INT coverage
INT 9157 (1:150,000)**

2010-11 visits 4728

Argentinian Base “Melchior”



PROPOSED NEW CHART 1:30,000

INT ****

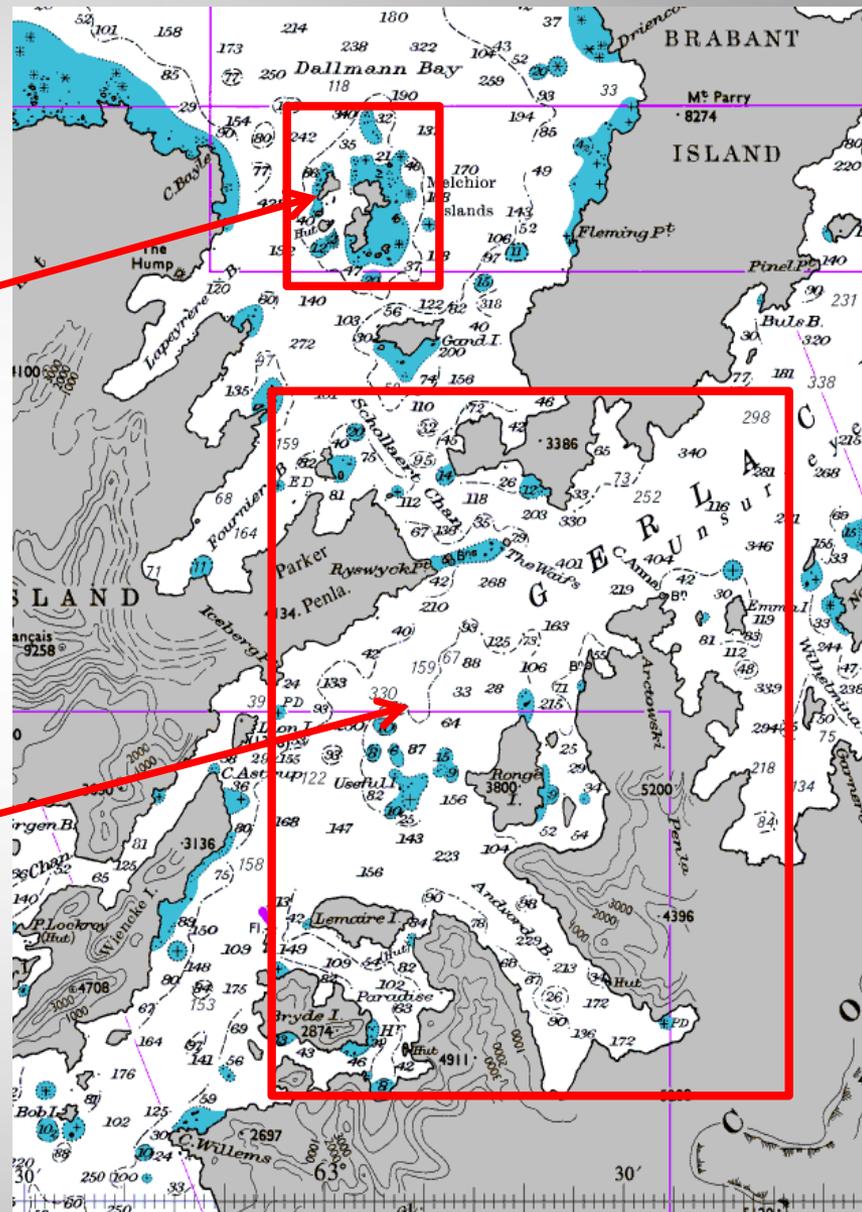
NORTH = $64^{\circ} 14'.5$ S

SOUTH = $64^{\circ} 23'.0$ S

WEST = $63^{\circ} 04'.0$ W

EAST = $62^{\circ} 50'.0$ W

INT 9103 (CHILE) 1:50,000



JUSTIFICATION FOR PROPOSED ADDITIONS TO INT CHARTING FOR REGION M

English Strait (Northern part)

Usage:

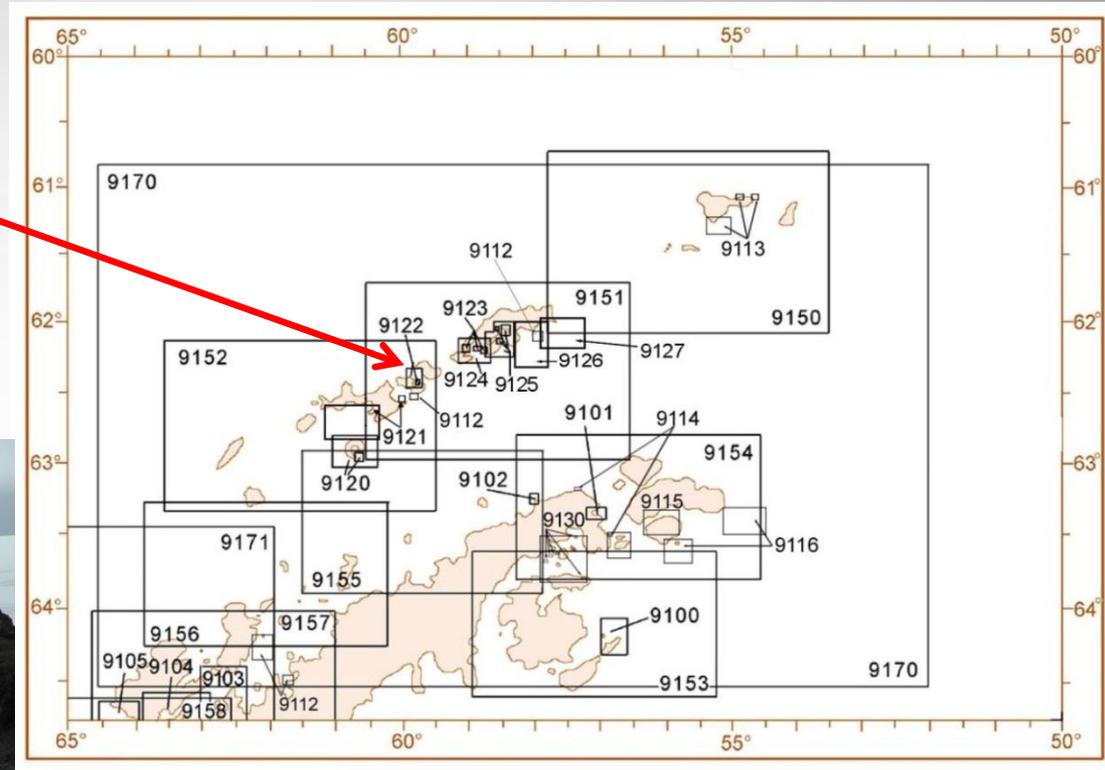
- Scientific Stations:
 - “Capitán Arturo Prat” – Chile
 - “Pedro Vicente Maldonado” - Ecuador
- Tourist vessel visits and small boat cruising in and around Aitcho Islands and Discovery Bay (2010-11 season 5400)
- Used by vessels transiting North and South

Charting:

- Existing INT chart coverage INT9151 & INT9152 (Chile & Brazil) 1:150 000
- Existing National chart coverage:
 - Argentina H138 (1:50 000)
 - Chile 14230 (1:40 000)
 - Chile 14232 (1:6 000)
 - Russia 38902 (1:25 000)
 - UK 1774 (1:30 000)
- WGS84 charting required and updated satellite imagery.
- To provide adequate large scale navigational INT coverage

PROPOSED ADDITIONS TO INT CHARTING FOR REGION M

English Strait
Existing INT coverage
INT 9151 & 9152



LIMITS OF INT ****

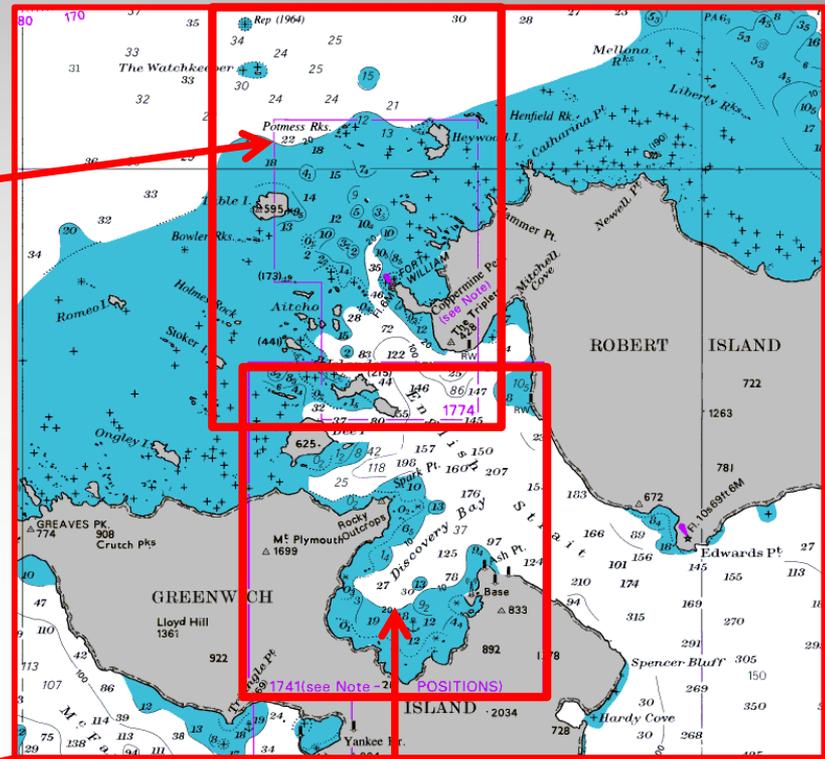
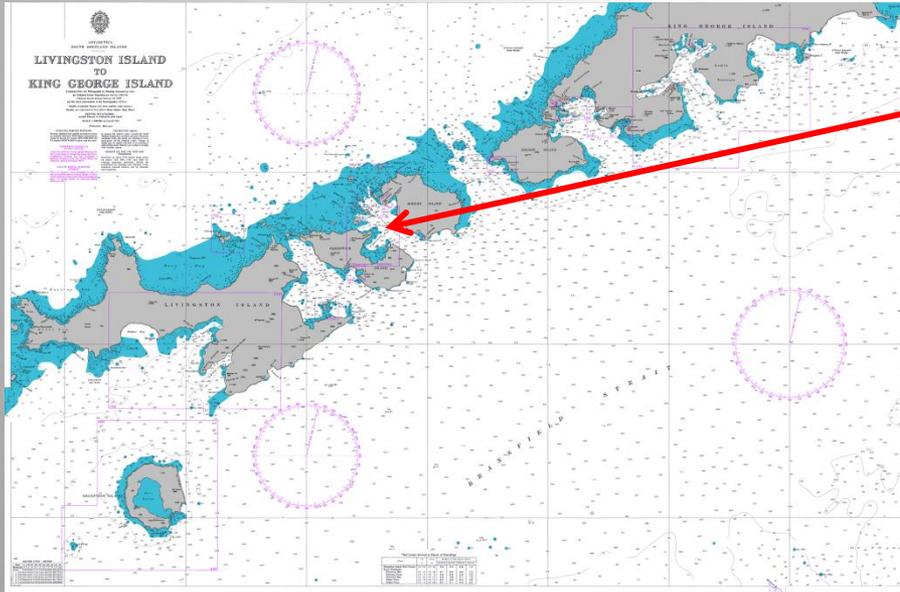
1:25,000

NORTH = 62° 16.5 S

SOUTH = 62° 25.0 S

WEST = 59° 38.1 W

EAST = 59° 51.0 W



EXISTING INT CHART

INT 9122

1:20,000 (CHILE)