

IHO Hydrographic Committee on Antarctica (HCA) 18th Meeting, Berlin,
Germany. 24 - 26 May 2022.

**REPORT BY THE OCEANOGRAPHY, HYDROGRAPHY AND
METEOROLOGY SERVICE OF THE URUGUAYAN NAVY (SOHMA)**



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Montevideo REPÚBLICA ORIENTAL DEL URUGUAY

1. HYDROGRAPHIC OFFICE

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<https://sohma.armada.mil.uy/>

2. SURVEYS

Maxwell Bay, approaches to Artigas Scientific Antarctic Base. Multibeam Survey
20DEC21 to 13JAN22.

3. NEW CHARTS & UPDATES

3.1 New Charts

National Chart N°1111 “Approaches to Artigas Scientific Antarctic Base and bases on Fildes Peninsula”. Currently on final stages of production. Expected to be released in July 2022.

| N°1111 “Approaches to Artigas Scientific Antarctic Base and bases on Fildes Peninsula”. | Boundaries | | Scale |
|--|----------------|----------------|-------------|
| | North Latitude | 62° 10' 50" S | 1:7.00 0 |
| | South Latitude | 62° 13' 20" S | |
| | West Longitude | 058° 58' 00" W | |
| East Longitude | 058° 50' 30" W | | |

3.2. New Updates.

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4. NEW PUBLICATIONS & UPDATES

Annual update of the following publications

- Publication N°3 “Tide Tables” / Section #1- Artigas Scientific Antarctic Base.
- Publication N°5 “List of Lights and aids to navigation” / Chapter #5 “Shetland Islands – King George Island – Maxwell Bay.

5. MSI

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6. AIS AtoN:

| Name | Type of Navigation Aid | MMSI | Latitude | Longitude |
|------------------------|------------------------|------------|---------------|----------------|
| Artigas Antarctic Base | Real | In Process | 62°11'03.22"S | 058°54'18.43"W |

7. **S-55**

Last update: 2020.

8. **CAPACITY BUILDING**

9. **OCEANOGRAPHIC ACTIVITIES**

Within the framework of the "mean sea level observatory" project;
the structure of a tide level meter was anchored

to evaluate its behavior in reference to the resistance of the material. If this test is
successful, a tide gauge will be installed for a full year.

CTD launches were made in support of the hydrographic
campaign for the production of chart N° 1111.

10. **ICE CHARTS & ANF ANTARCTIC GLACIOLOGY**

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