



18th Meeting of the Southern African and Islands Hydrographic Commission

National Report by Republic of South Africa

Presented by Captain (SA Navy) Theo Stokes

South African National Hydrographer

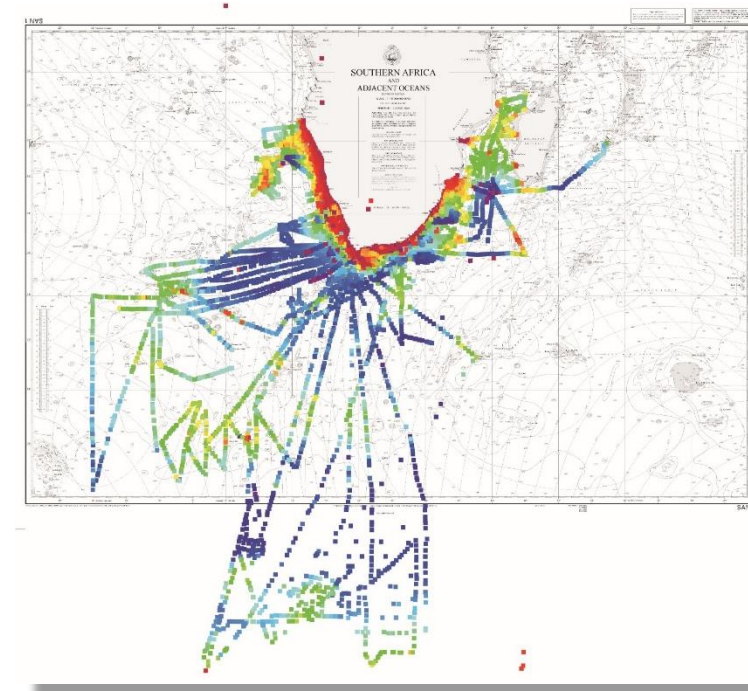
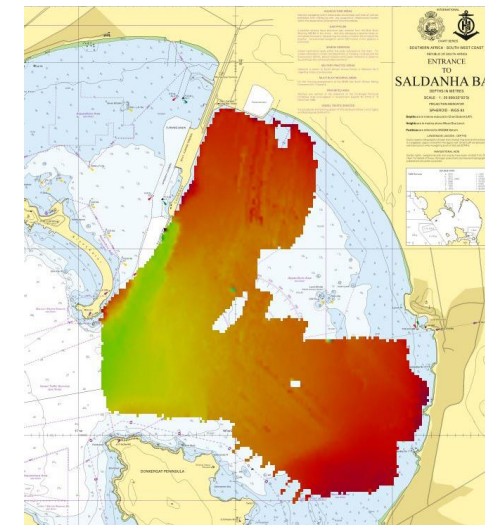
SAIHC18, 10 – 12 May 2022



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TOP ACHIEVEMENTS DURING THE YEAR

- CSB data are being incorporated into SANHO database as it becomes available. These steps forward in CSB compliment the South Africa's efforts in the GEBCO Seabed 2030 pilot project – SANHO will continue to provide feedback on local and regional initiatives in this regard as the SAIHC CSB Coordinator for SAIHC.
- Teledyne CARIS chart production software has been fully integrated with SANHO paper chart and ENC Production Department. This will also assist in the collection and formatting of geospatial data in aid of marine spatial planning in support of national Blue Economy initiatives.



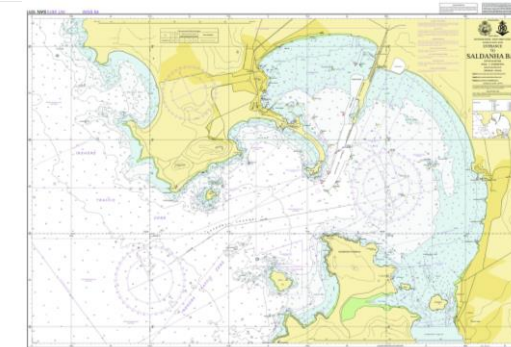
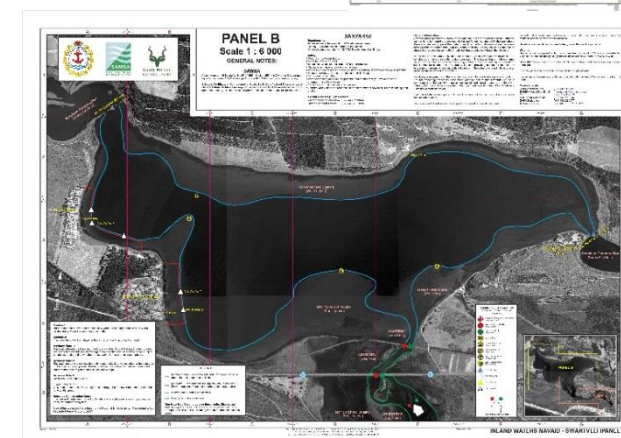
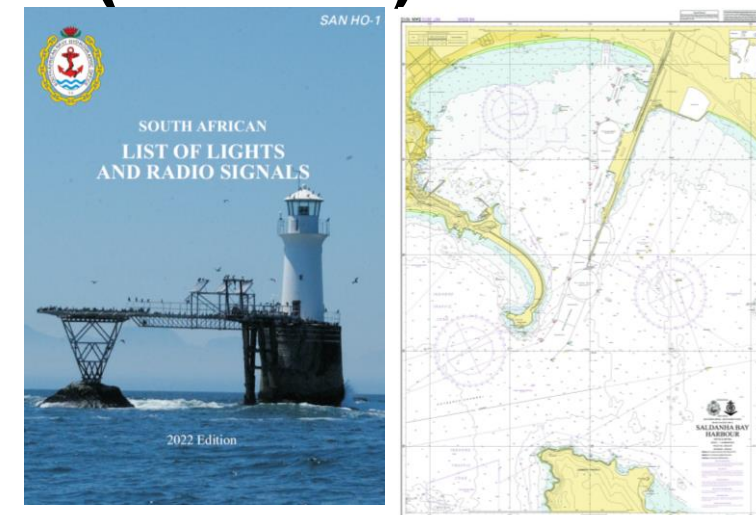


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TOP ACHIEVEMENTS DURING THE YEAR (CONTD.)

International
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- The procurement for the new S100 standard development software package is underway, and the SANHO has developed a Roadmap and Implementation Plan for the introduction of the S-100 family of services and standards.
- In support of initiatives to provide navigation aids for Inland Waters, the navigation aid for Swartvlei River Estuary has been completed and published in November 2021. New editions of SAN charts 1011 (INT 2673) and 1012 (INT 2672) was also produced in 2022, along with a new edition of SA List of Lights and Radio Signals (SAN HO-1).
- In terms of training, the achievement of the IHO/FIG CAT B certification from the UKHO for 8 junior cartographers, along with S100 training, provided great impetus into the SANHO Production Department, paper chart and ENC production.





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TOP CHALLENGES AND /OR OBSTRUCTIONS

International
Hydrographic
Organization

- The SA Navy Printing Unit (NPU) in Simon's Town is the primary means of chart and publication printing. However, the onboard POD facility, through the rejuvenation project, is now able to meet the day-to-day demands for paper chart stock replenishment, and not publications. Currently the SANHO POD facility is not capable of printing and/or procuring publications, and this remains a challenge if/when NPU cannot meet SANHO printing requirements.
- CSB challenges are discussed in the CSB Report to SAIHC.





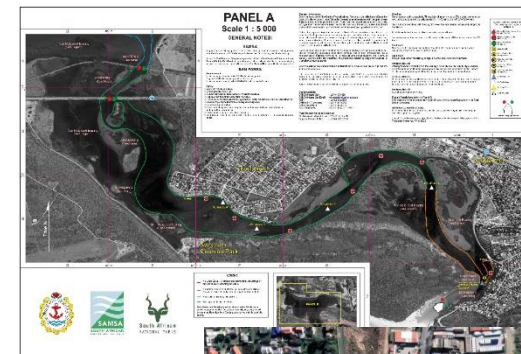
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TOP PLANS THAT AFFECT THE REGION

(CHARTS, SURVEYS, TRAINING, OTHER)

International
Hydrographic
Organization

- Production on the navigation aid for Keurbooms River Estuary in support of initiatives to provide aids to navigation for Inland Waters is well underway and scheduled for publication in 2022. Production for navigation aids for Breede River mouth, Berg River mouth and Kleinmond is also underway.
- Member States are invited to contact the SANHO to make use of the MSI eLearning package launched in 2021 in support of MSI capacity building initiatives.
- The SANHO, in collaboration with NOAA and Institute of Maritime Technology (IMT), is conducting a CSB data collection pilot project as part of Seabed 2030. Member States are invited to make use of the data loggers provided by NOAA, and to support CSB activities in the SAIHC region.





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ACTIONS REQUESTED FROM SAIHC18

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1. SAIHC18 is requested to note the contents of the Report.
2. Members are encouraged to participate and contribute towards CSB projects in aid of the GEBCO Seabed 2030 project.

Thank you.