

24th Conference of the Meso American - Caribbean Sea Hydrographic Commission

National Report by
Suriname



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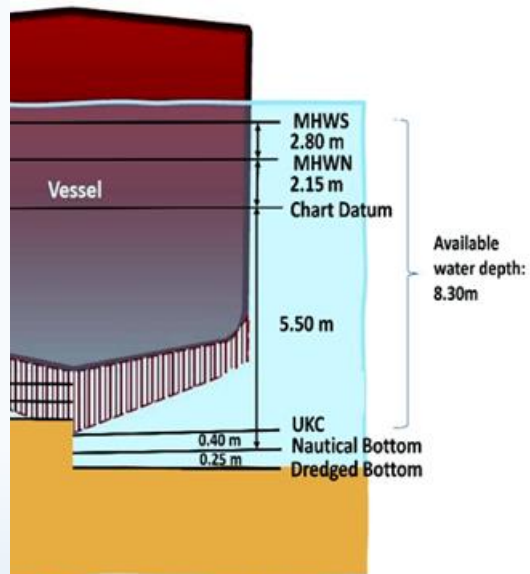
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Top Achievements during the year

- 1. Suriname River Dredging Project

Execution of Phase 2 SRDP (Suriname River Dredging Project). Minimum depth of 5.5 m Chart Datum is guaranteed from the entrance of the Suriname River up to Paranam in the navigation channel.



Mean Draft Calculation

WATER LEVEL: MEAN RIZE BY SPRING- AND NEAPTIDE

Mean rise at springtide: 2.80 meters
 Mean rise at neap tide: 2.15 meters
 Bar depth in the River Mouth: 5.5 meters.

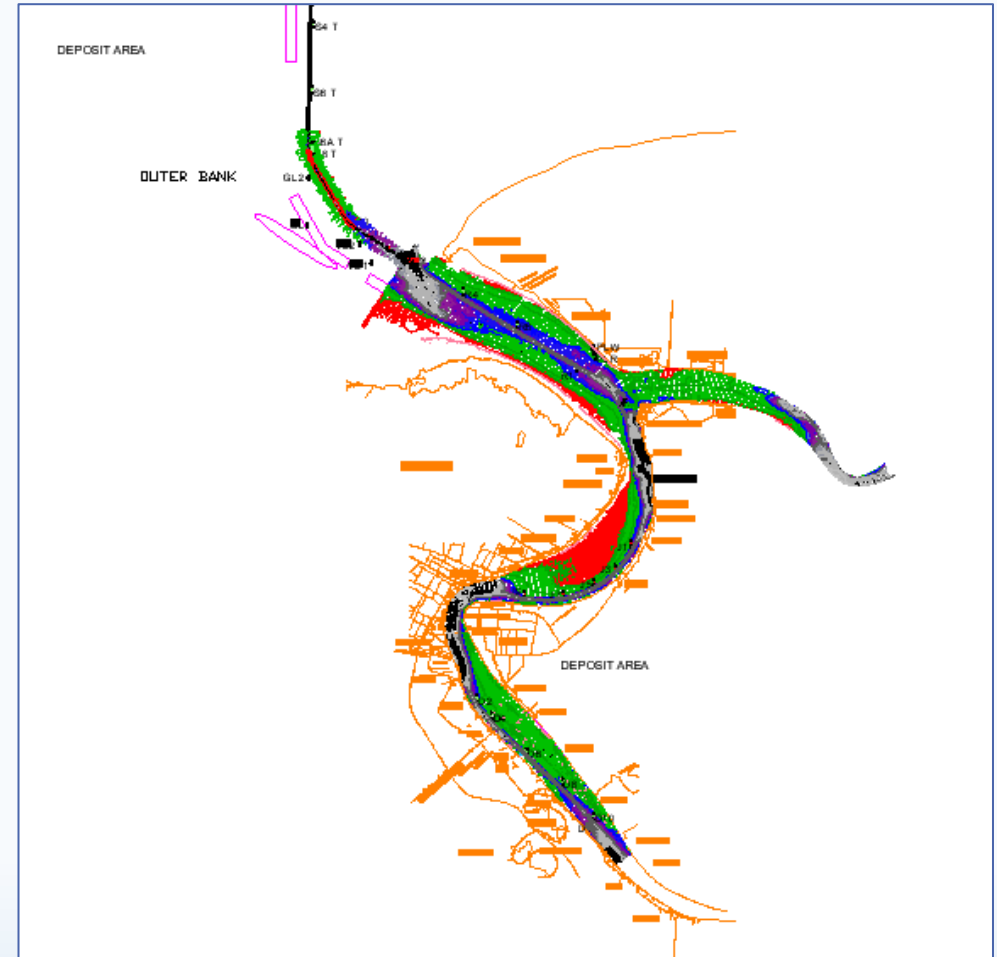
Spring to Neap tide	: 2.80 m.
Bar depth	: <u>5.50 m.</u>
Total	: 8.30 m.
Keel clearance	: <u>0.40 m.</u>
Ship's draft to depart	: 7.90 m.

At mean spring tide (2.80 m.) ship can safely load to ± 7.90 m.

Neap tide to springtide	: 2.15 m.
Bar depth	: <u>5.50 m.</u>
Total	: 7.65 m.
Keel clearance	: <u>0.30 m.</u>
Ship's draft to depart	: 7.35 m.

At mean neap tide (2.15 m.) ship can safely load to ± 7.35 m.

Note: The calculations above are based on mean values. The actual tide can be lower or higher than the mean values. The day-to-day tidal information is published in the annual tide tables of the Maritime Authority of Suriname. The calculation is based on freshwater density (1.0 kg/l).



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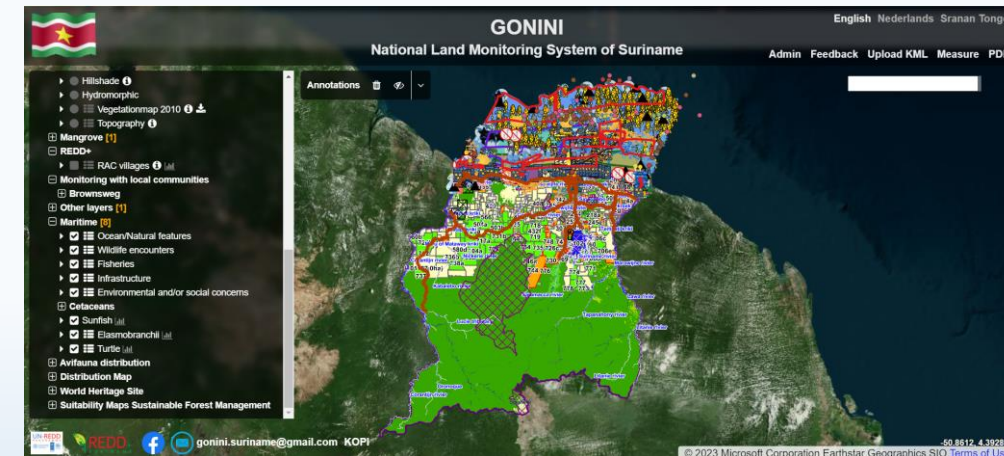
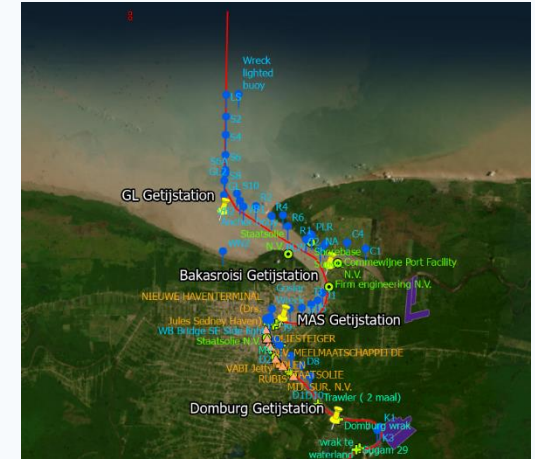
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Top Achievements during the year

• 2. Improvements on Spatial Data infrastructure

- This year, improvements were made regarding the status of NSDI and MSDI. The Management Institute for Land Registration and Land Information System, abbreviated as MI-GLIS is by the Surinamese Law the institution for developing and maintaining of NSDI, which is still under development.
- National implementation of the Shared Data Principles – including any national data policy and impact on marine data: The Ministry of Spatial Planning and Environment (ROM) fulfills a leading role and has held a workshop in October 2023 for the setup of a Geospatial Intelligence Hub for Suriname.
- Collaboration with Green Heritage Fund, WWF continues, and Foundation for Forest Management and Production Control (SBB) and various stakeholders resulted in a National Land Monitoring System of Suriname. This portal is accessible via Gonini web portal <https://www.gonini.org/>



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Top Achievements during the year

- 3. S101 scheme for Suriname

Suriname is in the process of producing a Scheme for the Surinamese waters in line with S101 Usage Band 2 - 5

- Planned Chart Scheme of the Suriname River- Band 5
- Planned New edition coastal chart with revised chart limits Usage Band 2

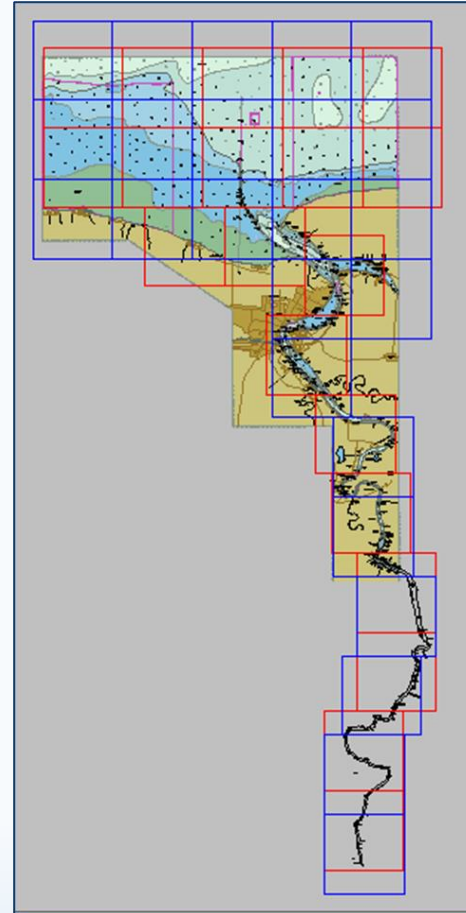
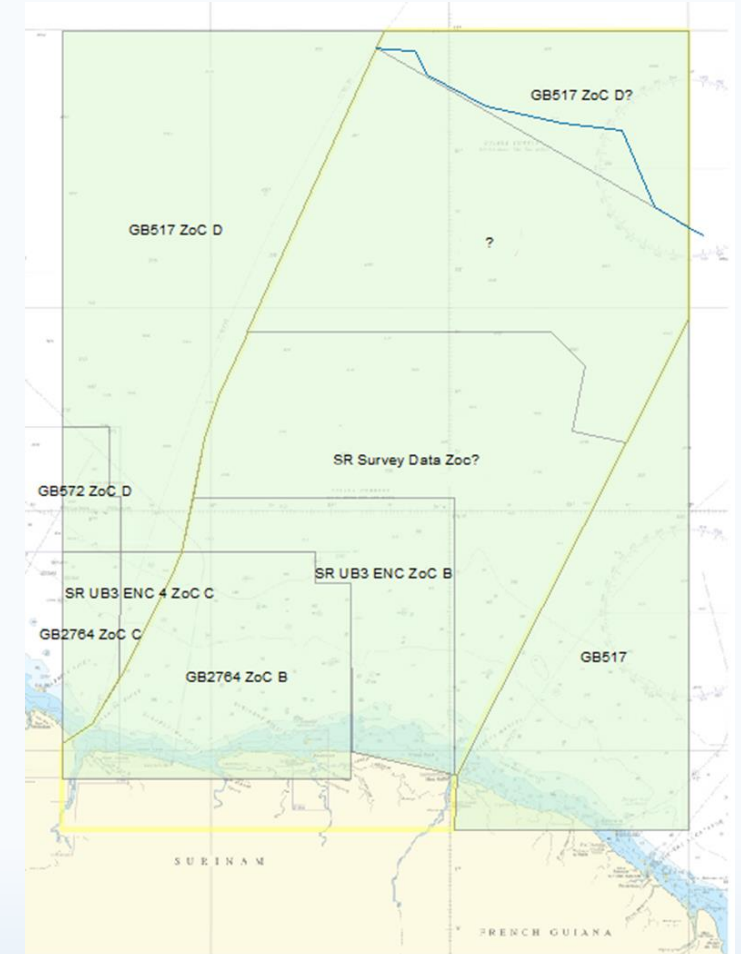


Chart Scheme of the Suriname River- Band 5



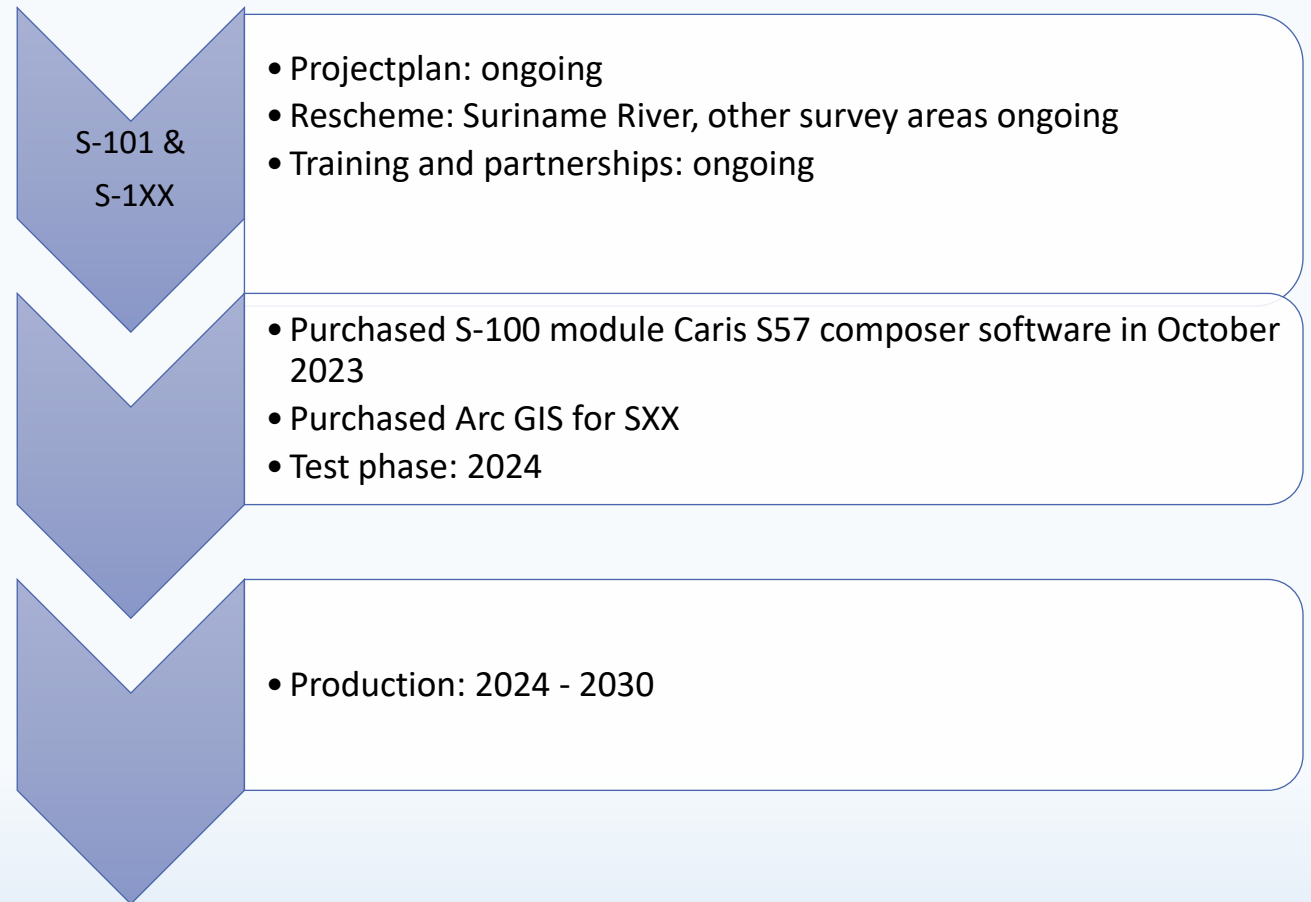
New edition with revised chart limits Usage Band 2

Top Challenges and/or Obstructions

Transition to S-100 standards which was initiated in 2021 and is still on going. The challenge for us is to transform our current procedures and forms to the new standards. The aim is to produce S-100 products between 2024 – 2030.

Challenges:

- Manpower
- Knowledge



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Top Plans that affect the region

Training Courses IALA Worldwide Academy in collaboration with Suriname AtoN Academy

Training delivered :

Level I Manager Course was held from May 30th– August 8th, 2023 (hybrid), which were attended by participants from Barbados, Brazil , China, Trinidad, Liberia, Saudi- Arabia, Gambia Singapore and Suriname.



Training offered:

The Suriname Aton Academy in partnership with IALA will provide:

- The IALA Aids to Navigation Procurement Course in February 2024
- The IALA Aids to Navigation L2 Technician Course in 2024. Course date TBD.

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