



National Report Suriname 2018

19th MESO-AMERICAN – CARIBBEAN SEA HYDROGRAPHIC
COMMISSION MEETING

Cartagena de Indias, Colombia, 26 November – 1 December 2018

Maritime Authority Suriname

November 20, 2018

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Executive Summary

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1. Hydrographic Office/Service

Maritime Authority Suriname aims for the following:

- A safe and efficient transfer securing sea-going vessel to and from Suriname in regards with international norms and rules accepted and in conformity with the treaties established by Suriname.
- Supervision of the compliance of legal requirements for shipping and maritime traffic.
- To be a recognized authority in both the national and international maritime field.
- Further professionalizing of the implementation of duties and making of proposals for the modernizing of the legislation.
- To undergo a culture change, which is focused on productivity and a professional working attitude.

Vision:

TO BE A PROFESSIONAL, COMMERCIAL ORIENTED, INNOVATIVE AND LEADING ORGANIZATION.
INITIATING AND FACILITATING MARITIME DEVELOPMENT

Mission Statement:

“ASSURING SAFE, SECURE, ENVIRONMENTALLY SOUND, EFFICIENT AND SUSTAINABLE SHIPPING”.

2. Surveys

- Coverage of new surveys: none
- Policy issues regarding the collection and use of crowd-sourced bathymetry:
 - all data collected in the offshore area are referenced at Mean Sea Level.
 - All data collected in the nearshore area are referenced at Low Water Spring.
 - Inland surveys are exclusively conducted by MAS and are referenced at Low Water Spring.
- Status of data collection:
 - The planning for this year was to resurvey the Suriname River from the entrance up to Paranam and the entrance of the Commewijne River to Alkmaar, however an estimate of 40% of the river was resurveyed. Due to technical reasons, our survey vessel was not always available during the year. See figure 1.
 - A part of the Nickerie River was also resurveyed, to determine whether this area was suitable for a turning basin. See figure 2.
 - Special attention is given to the critical area in the entrance of the Suriname River between S6-S10. Due to the sedimentation, a monthly survey is done in this area for monitoring.

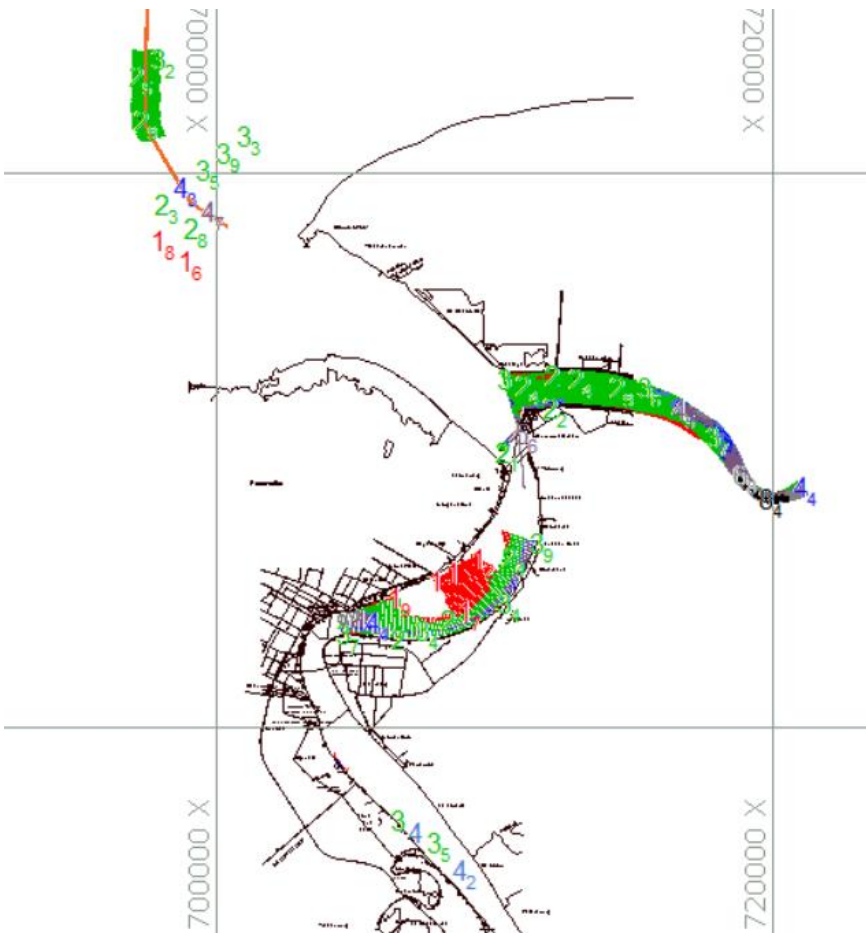


Figure 1: resurvey of the Suriname River 2018

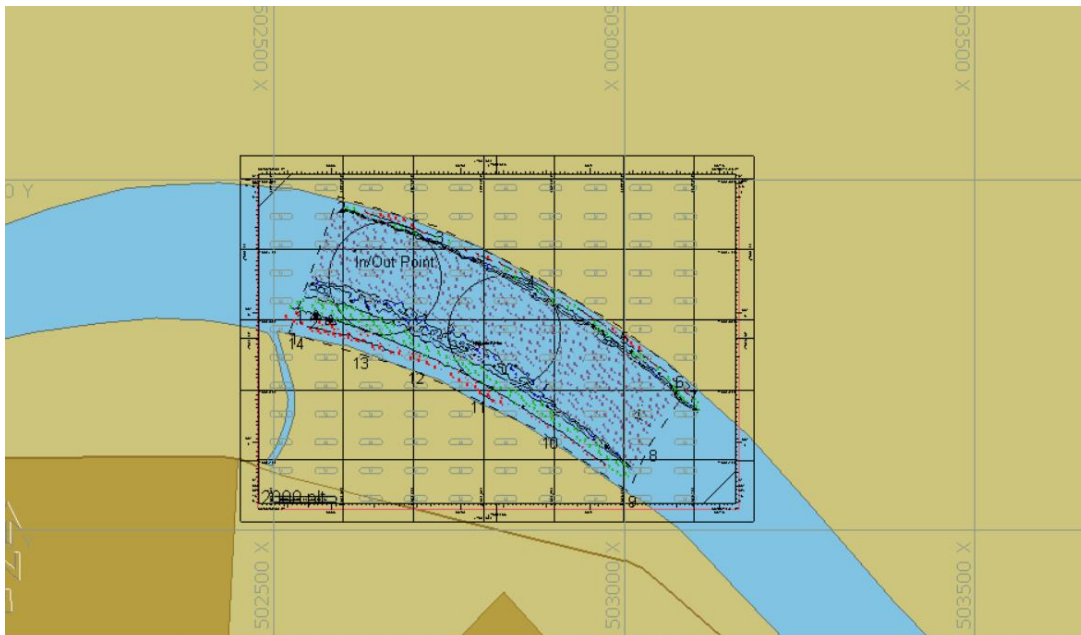


Figure 2: resurvey of part of the Nickerie River for potential anchorage area

- New equipment
 - New tide gauge instrument: OTT RLS Radar Level Sensor. This type of level sensor has been installed on the platform of the Leading Light, at the entrance of the Suriname River.



Image 1: OTT RLS Radar Level Sensor

- Problems encountered: because of retirement of some technical personnel, technical works are now being outsourced, which causes delay in the execution of planned projects.

3. New charts & updates:

- ENC's, INT and paper charts:

Planning Paper Charts and ENC's

ENC and Chart	Year	Publication	Producer	Status
Paper Chart SR2218/GB2765	2019	Update	Suriname/ UKHO	New data available
ENC SR402218, SR52218A, en SR52218B	2019	Update	UKHO	
Paper Chart 2014	2018	New edition INT 4191; NC2764	UKHO/ Suriname	Proposal submitted to MICC /IRCC. Compilation finished. Verification status.
ENC SR302014	2019	Update	UKHO	Planning
Paper Chart 2017	2019	New edition	Suriname	Planning
ENC 2219	2018-2019	New edition	Suriname	Ongoing
Paper Chart 2219	2018-2019	Update	Suriname	Ongoing
New Paper Chart 2220 (Cottica rivier bends lager scale charts)	2019	New edition	Suriname	Planning
Paper Chart 2766	2019	Update	UKHO	New data required
ENC SR402766, SR5C2766, SR5D2766	2019	Update	UKHO	New data required
ENC ISPS ports	2019	New edition	Suriname	Planning

New Charts & updates

ENC and Chart	Year	Status	Producer
Paper chart 2764/INT4191	2018	New edition; ongoing	UKHO/MAS
Paper chart 2219	2018-2019	Update, ongoing	MAS

- ENC Distribution method: through IC-ENC and UKHO

4. New publications & updates:

- Tide Table 2019 for Suriname. Tide tables are released for each year.
- The release of Shipping Notices for the nautical accessibility of ISPS certified ports and rivers. Notices are updated after detail surveys of the ports.
- Means of delivery: The Shipping Notices of the ISPS Ports are published through the website of the Maritime Authority Suriname and are also sent to all shipping agents per email.

5. MSI

- Existing infrastructure for transmission:
Partial radio warnings for coastal area through VTC .
NtM published in local papers and website, emailed to mariners.
NtM submitted to the NAV Area coordinator
- New infrastructure in accordance with GMDSS Master Plan:
Currently a GMDSS Master Plan is still in concept. The organization responsible for the GMDSS is the Coast Guard of Suriname.
- Problems encountered: lack of finance.

6. C-55

See Annex B

7. Capacity Building Offer of and/or demand for Capacity Building

- Training offered:
 - IALA -Level 1 Aids to Navigation Manager Course, will be planned in 2019. This training has been canceled for 2018, because of few applications
- Training received:
 - Marine Cartography and Data Processing: From January 8 – April 20, 2018 one employee was trained. The training was held in Taunton, UK.
 - Multibeam Training Opportunity from the US Navy: From April 16 – Jun 15, 2018. The training opportunity was carried out at the MAS vicinity with equipment and training provided by the US Navy and surveys were done with our survey vessels.



- Remote sensing and GIS training: two-day training session which was facilitated by the Surinamese Foundation for Forest Management and Production Control. The training was held in Paramaribo, Suriname.
- National Workshop Oil Spill Contingency Planning and RETOS held in October 2018 Paramaribo, Suriname.
- Blue Planning in Practice Training which was facilitated by the World Wildlife Foundation Suriname. The training was held in Paramaribo, Suriname. The training is part of a four-year project
- Multibeam Training Opportunity from SHOM. Two employees were invited to attend a Multibeam survey along the Coast near the entrance of the Mana River.



Special thanks to SHOM and US Navy for the Multibeam training and their willingness for knowledge-sharing. And also to the UKHO for the opportunity given.

- Training needed:
 - Demand for Capacity Building:
 - Hydrography cat. B
 - Nautical Cartography cat B
 - Required Internship:
 - Tidal analysis
 - Side Scan Sonar image interpretation

- Status of national projects.
 - MI-GLIS (Management Institute Geographical Land Information System): The purpose of the MI-GLIS is to promote legal certainty with respect to registered property in legal transactions, economic transactions and in administrative transactions between citizens and public administrative bodies. A Geospatial Framework is now in development with this institute.
 - Project ‘Promoting Integrated and Participatory Ocean Governance in Guyana and Suriname: the Eastern Gate to the Caribbean’ is a four-year project funded by the EU covering the coastal and marine areas of Suriname and Guyana. the project aims to significantly enhance the governance and protection of marine and coastal resources of Guyana and Suriname through collaborative processes with all ocean stakeholders, improve knowledge of the coastal and marine environment, enhanced capacity of key stakeholders and informed marine spatial management.

- Status of bilateral projects.
 - MoU bilateral Brazil has been finalized.

8. Oceanographic activities

- General: due to the developments of the offshore and nearshore oil industries, seismic surveys and other surveys are being conducted by third parties. The area in figure below is currently being surveyed. See Figure 3.

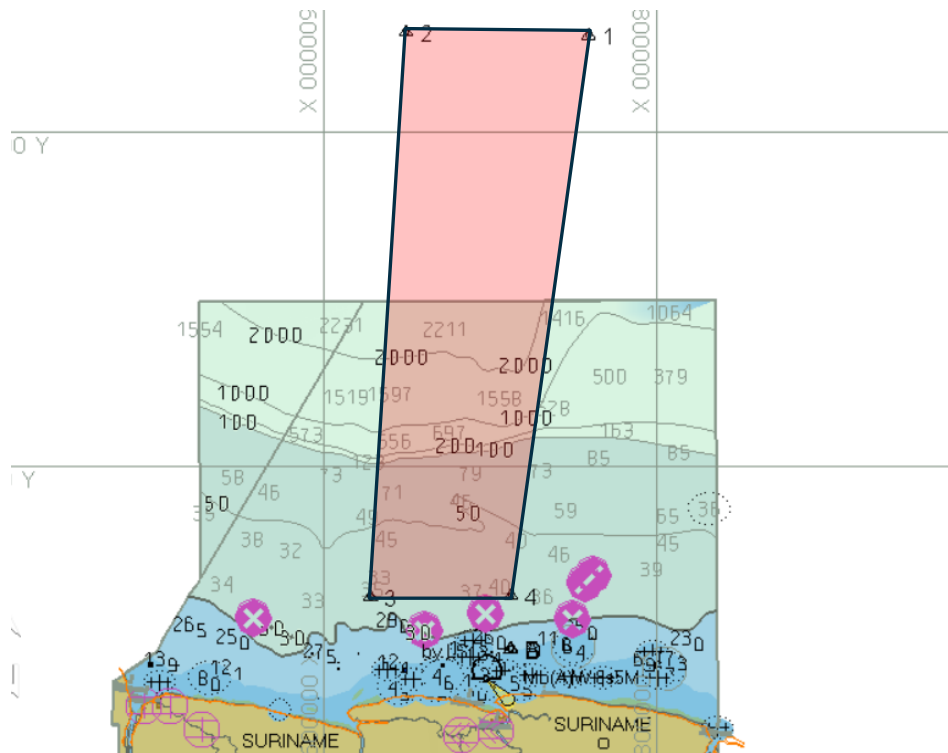


Figure 3: survey area conducted by third party in regards of offshore oil industry.

- Tide gauge network: the tide gauge network consists of six tide gauges of which two are recording constantly. All tide gauges have been levelled by the Management-Institute Geographical Land Information System (MI-GLIS).
- Problems encountered: because of retirement of some technical personnel, technical works are now being outsourced, which causes delay in the execution of planned projects.

9. Other activities

- IMSAS audit.

The IMO Member State Suriname was audited between 17-26 March, 2018. All Ministries, Governmental Departments and other stakeholders related to maritime activities were audited. Unconformities resulted from the IMSAS audit will be processed in the coming three years.



- ISO audit

ISO audit was held in October 2018. A certification of three years was granted to the MAS.

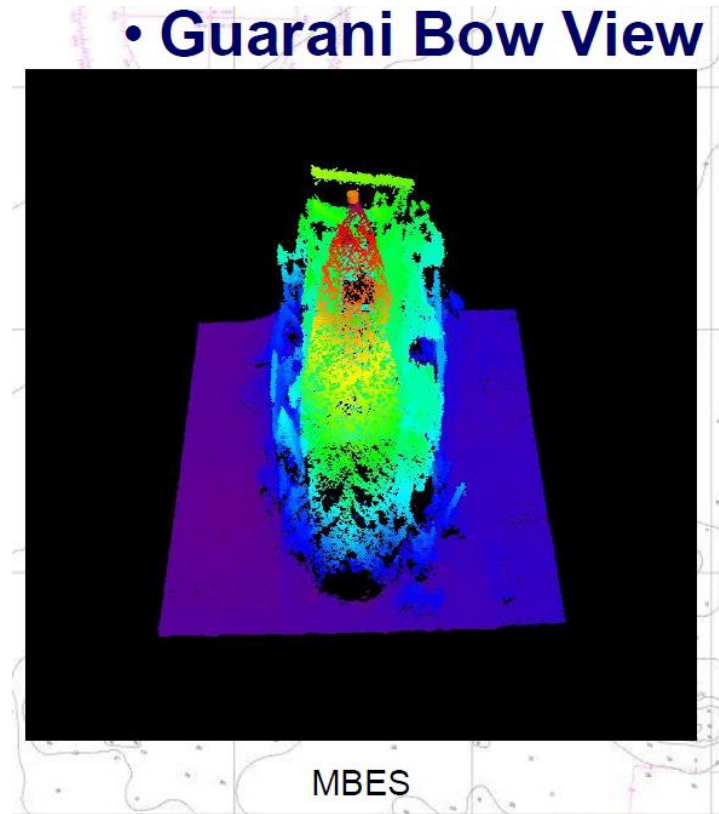


- A 'Maritime Open Day' was organized on November 2nd, 2018 in regard of World IMO Day, World Hydrography Day and Seafarers Day. Schools and others interested in MAS were invited to learn more in regard of Hydrography and maritime safety aspects. The participating institutes were MAS, the Maritime Logistics School and the Coast Guard of Suriname.



- Search of wreck Guarani

The search for the wreck Guarani was conducted during the Multibeam Training with the US Navy. The purpose of MAS of the collaboration with the US Navy The Guarani was marked as an obstacle during the IALA Risk Assessment. The chart will be updated with the correct position and least depth of this wreck.



Copyright US Navy

- MSDI: data have been collected. Hydrographic layers are being prepared. A Geospatial Framework is now in development with the Management Institute Geographical Land Information System (MI-GLIS).