

MARITIEME AUTHORITY SURINAME

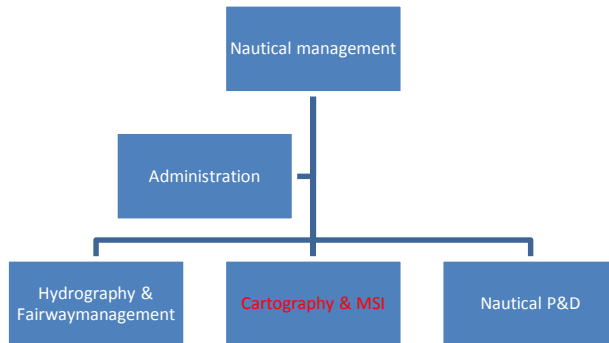


National Report Suriname 2015

Grenada – MACHC 16
December 7- 11

1. Hydrographic Office / Service:

The Maritime Authority Suriname has finished the Strategic Business Plan for 2013-2017. Within this plan actions regarding Cartography and MSI are exclusively included in a separate unit.



2 Surveys:

2.1 Coverage of new surveys.

CHART 2765

The updates Suriname River chart 2765 (previous known as 2218) were derived from surveys of 2014.

Detailed surveys were executed at the following locations (not in a specific order):

- Buoy S6 (entrance Suriname River)
- Buoy S8 (entrance Suriname Rivier)
- Geleide Licht (Leading line GL)
- The Goslar wreck
- Nieuwe Haven
- In the vicinity of BEM
- Buoy D4 Dijkveldbank
- Pillars at the Jules Wijdenbosch Bridge.
- Kuldipsingh Port
- In the vicinity the State Oil Company Jetty
- Carolina in the vicinity of the Carolina bridge

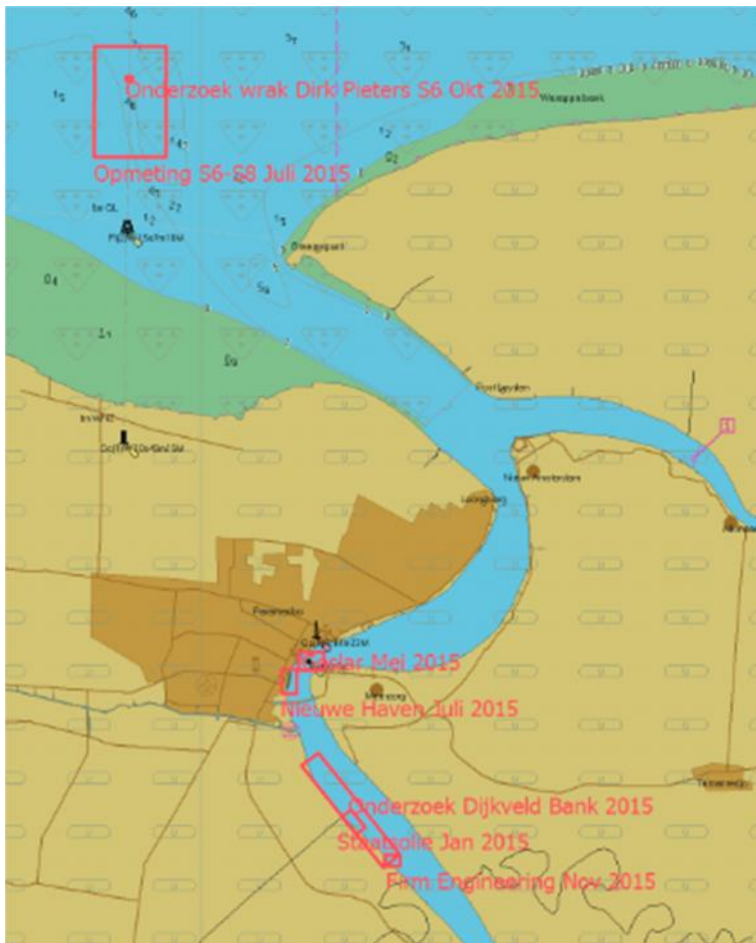


Chart 2219

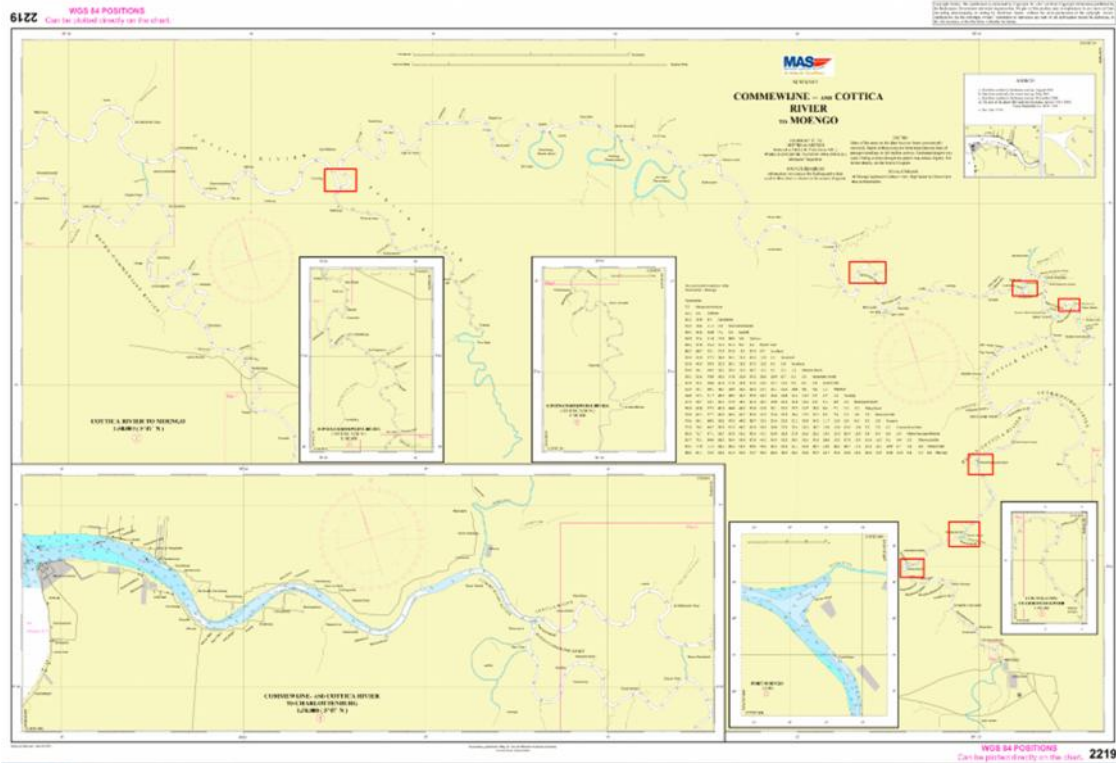
The Nautical Chart 2219 of the Commewijne and Cottica River dated from the year 1971 was recently updated in May, 2015 and includes:

- Topography of the shore lines of the Commewijne and the Cottica River was updated with satellite images.
- Transformation of the chart from the local SurTM to WGS84.

Survey:

In November, 2015 a reconnaissance survey was executed from Alkmaar, Commewijne River to the Moengo Dock in the Cottica River. Detailed surveys were done on seven locations where sharp bends exist (indicated with red rectangle on image below).

With the gathering of newer information for chart 2219 we plan to update this chart in 2016 with the recently surveyed depths.



2.2 New technologies and /or equipment

- GEOMAX AG - ZAL 124

Water level instrument is used for monitoring the height of the tide gauges in relation to bench marks or monuments.



- Ceescope

Portable Single Beam Echosounder unit for very shallow water and is attached on a small craft



3 New charts & updates:

ENC and nautical Chart	Chart	Scale	Year	Publication	Producer
Nautical chart 2218	paper	1: 75.000	December 2015	New edition GB2765	UKHO
SR402218, SR52218A, and SR52218B	ENC	1: 75.000	December 2015	New edition	UKHO
2014chart INT 4191-	paper	1: 300.000	2016	New edition GB2764	UKHO
SR302014	ENC	1: 300.000	2016	New edition	UKHO
2017	paper	1:750.000	2017	New edition GB2763	UKHO
2219	paper	1: 75.000	2015	New chart	Suriname
2228	paper	1: 75.000	2016	New chart GB2766	Suriname
2019 (Suriname River South)	paper		2016	New chart	Suriname

3.1 ENC Distribution method: IC-ENC and UKHO

3.5 Problems encountered

- Problems encountered : Due to transition from NLHO to UKHO delay in ENC and paper Chart update

4 New publications & updates:

- Tide table 2016 for the Suriname
- NAVPLAN2015

5. MSI

5.1 Existing infrastructure for transmission

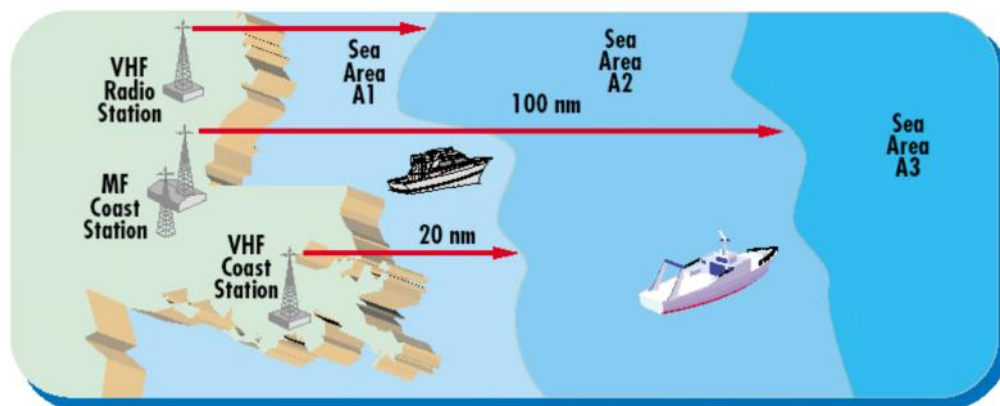
- Currently there are no radio warnings for coastal area. Notices to Mariners are published through internet and submission to Nav- Area coordinator.
- NtM published in local papers and website, emailed to mariners.
 NtM submitted to the Nav Area coordinator

5.2 Currently

Drafting of a plan for infrastructure in accordance with GMDSS Master Plan

Fase 1: VHF coverage Area A1 :currently VHF channel 16 communication for 3NM in approaches to ports

Fase 2: MF coverage Area A2



5.3 Problems encountered

No official establishment of the national coastguard, is in progress.

6 C-55

Latest update (Tables)

SERVICE	Yes	No	Partial	NOTES
LOCAL WARNINGS	X(NtM)			
COASTAL WARNINGS	X			NtM send to NAVAREA coordinator and local warning
NAVAREA WARNINGS	X			NtM send to NAVAREA coordinator
INFORMATION ON PORTS AND HARBOURS	X			Through shipping agencies local warning and VHF radio upto 20 NM

7 Capacity Building

Offer of and/or demand for Capacity Building

Training received

IALA- Manager:

Knowledge transfer, risk assessment, EWMP - (Emergency Wreck Marking Plan), NAVPLAN, LOS(Level of Service), Quality management linking of Aton processes, Update AtoN list, Maintenance AtoN

IC- ENC- ENC validation:

Validation processes for ENCs and ENC validatie softwares IC-ENC DMD, dKart Inspector, ENC Analyzer, ENC Designer en eGlobe ECDIS

Hypack- Single beam processing

Needed

- Nautical Cartography Level B
- Hydrography level A and B

Required Intern ship;

- Tidal analysis
- MSI
- Side Scan Sonar image interpretation
- Paper Chart and ENC production

- SB and MB Back Scatter processing

Status of national, bilateral, multilateral or regional

- MoU Suriname – Brazil DNH , capacity building partnership
- MoU Suriname – UKHO- ENC and paper Chart production
- MoU Suriname – France, chart coproduction and surveying
- Member of IC-ENC for ENC validation and distribution
- In 2016 IALA member

8 Oceanographic activities

Off shore seismic surveys

9 Other activities

Participation in IHO Working Groups

MEIP

IRCC

IALA 4 stage assessment completed; technical visit, technical report recommendations, adoption recommendations and implementation of recommendations-
Suriname removed from IALA target list

Assessment for establishment IALA training center

IALA committee meetings.

Disaster prevention

Oil spill contingency plan

Environmental protection

Monitoring civil works,

Climat change

Rehabilitation Magroves for coastal protection

MSDI Progress :

- In process of setting the standards for data exchange.
- First phase of data gathering from international contractors

10 Conclusions

In 2015 the focus was on monitoring and research is specific areas.

An ENC and chart production plan for a period of 2 years is in place.



Suriname removed from IALA target list IALA.

**MESO-AMERICAN – CARIBBEAN SEA HYDROGRAPHIC COMMISSION
(MACHC)**

National MSI Self-Assessment

Suriname , Maritime Authority Suriname

1. Maritime area

Maritime Boundary is formed by the boundary of Guyana and France Guyana extending the maritime area of 200NM. De boundary with Guyana has been agreed and with France Guyana still in progress.

2. Operational Points of Contact for the National Coordinator

INSTITUTION	TELEPHONE	FACSIMILE	EMAIL
Maritime Authority Suriname	597 476733 ext.264 or 231	Fax: + (597) 472940	lgemerts@mas.sr

3. GMDSS Master Plan

No plan in place, currently in drafting phase.

Equipment Type for Ports and Local Area	Software Version	Date of Up-date

[Detail the number of warnings identified as immediate priority (requiring transmission within 30 minutes) and the average elapsed time for passing to NAVAREA coordinator, as reported to the last WWNWS-SC meeting]:

Year Y-2		Year Y-1		Year Y	
Total	Average elapsed time	Total	Average elapsed time	Total	Average elapsed time
0	xx.x Mins	0	xx.x Mins	0	xx.x Mins

4. NAVTEX Coverage:

Via NAVAREA coordinator

5. Operational Issues:

National coastguard not officially established yet, is in progress.

6. Contingency Planning

Being drafted

7. Capacity Building

MSI – training is required

8. Other Activities

IMO member

9. National Maritime Website

[(Address, statistics (if permitted by national legislation; how often is the information on your web site updated? Do you display the date and time of the last update on your web site?)]

10. Recommendations

[If any]

11. Summary

Suriname does not have a GMDSS masterplan . is still being drafted. However currently warnings are transmitted through the NAVAREA coordinator, by the Maritime Authority of Suriname. Futhermore through the MAS website and VHF radio upto 20NM from coast. Training in MSI is required . The establishment of a national coastguard is still in progress. The last 5 years immediate priority (requiring transmission within 30 minutes) warnings were not necessary, but are aware of that the masterplan should be in place.

IHO/OHI Yearbook/Annuaire/Anuario	
Country name / nom du pays	Suriname
Agency name / nom d'agence:	Maritime Authority Suriname , MAS
Contact information/ Informations de contact / Información de contacto	
-National Hydrographer or equivalent -Directeur du service hydrographique ou équivalent -Director del Servicio Hidrográfico o equivalente	Post:Director Name: Michel Amafo Postal address:Cornelis Jongbawstraat no. 2 Work: + (597) 476733 ext. 227 Fax: + (597) 472940 Email:mamafo@mas.sr
-Head of the Hydrographic Office (if different from the person indicated above) -Directeur du Service Hydrographique (si différent de la personne indiquée ci-dessus) -Director del Servicio Hidrográfico (si diferente de la persona indicada anteriormente)	Post: assistant manager Nautical management Name:Bernice Mahabier Postal address:Cornelis Jongbawstraat no. 2 Tel:+ (597) 476733 ext. 232 Fax:+ (597) 472940 Email:bmahabier@mas.sr
-Other point(s) of contact -Autre(s) point(s) de contact -Otros punto(s) de contacto	
-Web site -site web -sitio web	www.mas.sr
Country information / Informations sur le pays/ Información sobre el país	
-Declared National Tonnage -Tonnage national déclaré -Tonelaje Nacional Declarado	Tonnage:4028 GT Date: 1-11-2015
-National day -Fête nationale -Fiesta nacional	

-Date of establishment and Relevant National Legislation -Date de mise en place et législation nationale pertinente -Fecha de constitución y legislación nacional pertinente	N/A
-Date first joined IHO -Date d'adhésion à l'OHI -Fecha de adhesión a la OHI	SUSPENDED FROM 1/7/1991 - 28/12/07 JOINED IHO AGAIN FROM 06/06/08
-Date ratification Convention -Date de ratification de la Convention -Fecha de ratificación de la Convención	N/A
-Remarks on membership -Remarques sur l'adhésion -Comentarios sobre la adhesión	N/A
Agency information/ Information sur l'agence/ Información sobre la agencia	
-Top level parent organisation -Organisme mère -Organización asociada de nivel superior	Ministry of Transport and Communication
-Principal functions of the organisation or the department -Attribution principales de l'organisme ou du département -Principales funciones de la Organización o departamento	For the Ministry of transport, communications and TOURISM are the special tasks as follows
-Annual operating budget -Budget annuel -presupuesto anual	US\$ 4.1 million (total)
-Total number of staff employed -Effectifs totaux -Número total de personal empleado	104
-Number of INT charts published -Nombres de cartes INT publiées -Número de cartas INT publicadas	none

-Total number of paper charts published -Nombre total de cartes papier publiées -Número total de cartas de papel publicadas	7			
-Number of ENC cells published -Nombres de cellules ENC publiées -Número de células ENC publicadas	4			
-Number of Other charts -Nombre d'Autres cartes -Número de Otras cartas	1			
-Type of publications produced -Type d'ouvrages produits -Tipo de publicaciones producidas	Tide tables, List of Lights, Notice to Mariners, Meteo warnings, NAVPLAN, nautical Charts, I			
-Detail of surveying vessels/ aircraft -Détail des bâtiments hydrographiques / aéronefs -Detalle de los buques hidrográficos / aeronaves	-Name -Nom -Nombre	-Displacement -Déplacement -Desplazamiento	-Date Launched -Date de mise en service -Fecha de botado	-Number of crew -Nombre de l'équipage -Tripulación
	Pasisi	20 ton	2003	2
	MV Mariwna	255 ton	1996	9
-Other information of interest -Autres informations utiles -Otra información de interés				