

# MARITIEME AUTHORITY SURINAME



# National Report Suriname 2014

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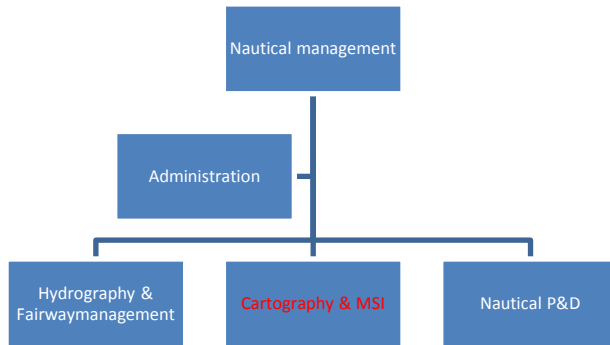
**15th MEETING OF THE MESO AMERICAN AND  
CARIBBEAN SEA HYDROGRAPHIC COMMISSION (MACHC)**

**10 – 13 December 2013**

**Manzanillo, Mexico**

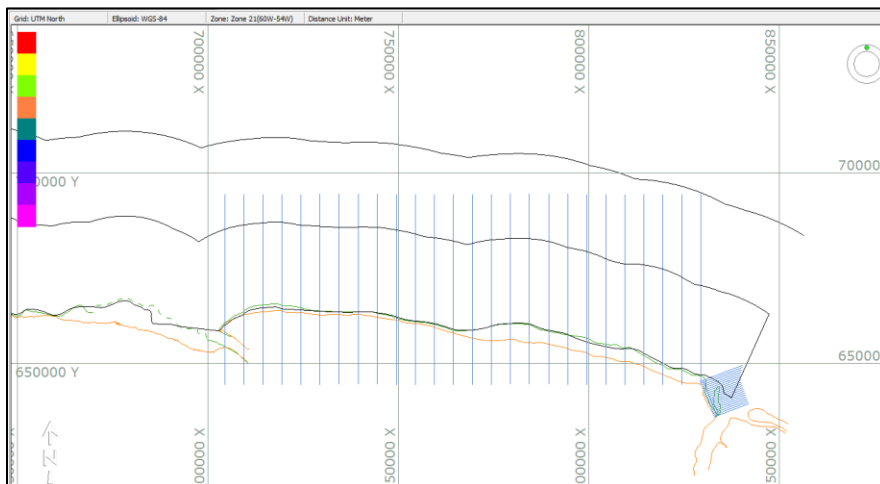
## 1. Hydrographic Office / Service:

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.

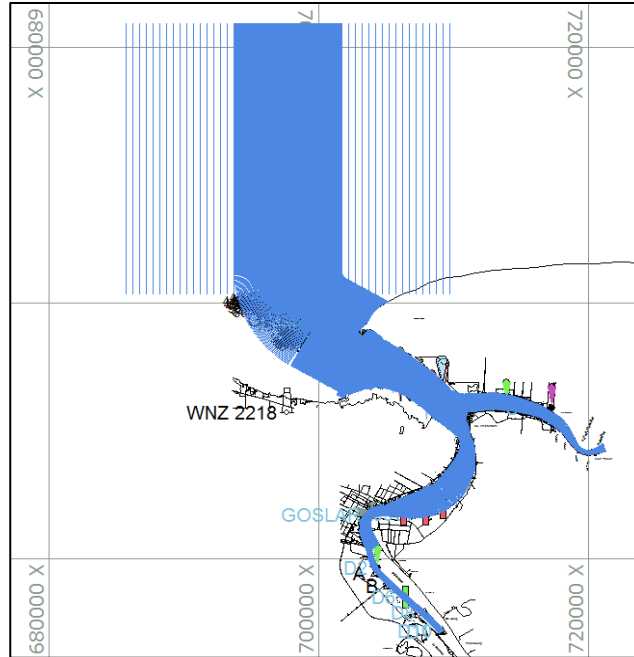


## 2 Surveys:

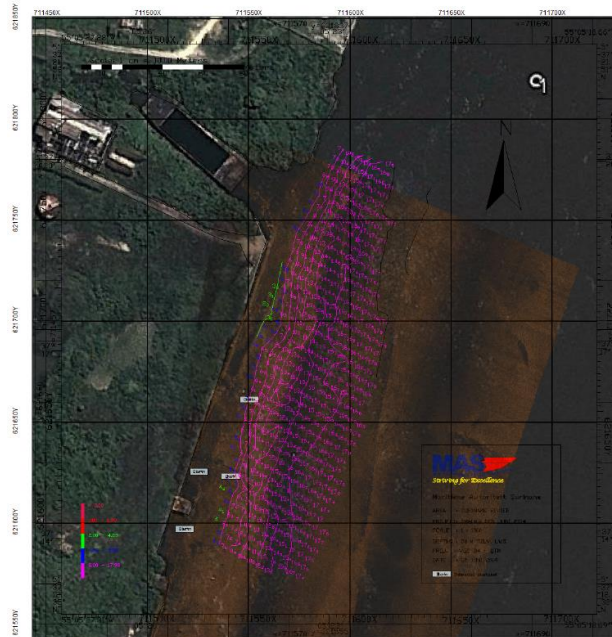
### 2.1 Coverage of new surveys.



a) Nearshore survey and Mudbank monitoring



b) Survey for updating ENC SR402218 and SR302014 and national paper charts 2014 and 2218/BA 99



c) Port survey Singlebeam and Side Scan Sonar survey -Smalkalden for safety and rehabilitation of the port.

**2.2 New technologies and /or equipment**

- Single beam echosounder : ODOM CV200 – frequency 24/200 kHz
- HP design Jet T 2500 multi function printer- max size A0 format
- OTT floating Tide gauges: 4



**3 New charts & updates:**

**3.1 Paper Charts en ENC's:**

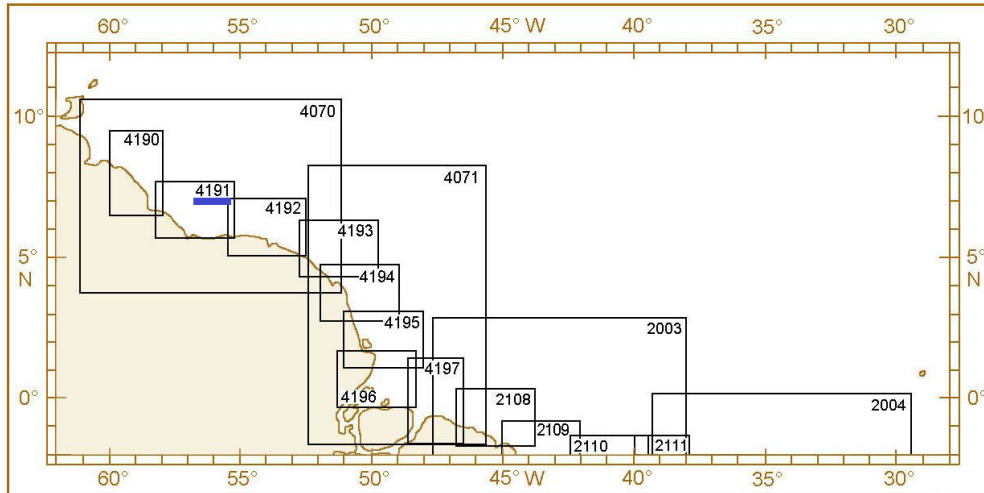
| Paper Chart | ENC                                      | scale       | published | Update |
|-------------|--|-------------|-----------|--------|
| 2014        | ENC SR302014, North Coast of Suriname    | (1:180.000) | 2012      | 2014   |
| 2218        | ENC SR402218, approach to Suriname River | ( 1: 75000) | 2012      | 2013   |

**3.2 ENC Distribution method:  
 IC-ENC and UKHO**

### 3.3 INT charts:

INT chart scheme S-11 – part B

The INT – chart 4191 is planned for year 2014 Scale :300.000



### 3.4 National paper charts:

Updates in 2015

### 3.5 Problems encountered

- No certified Cartographer
- Due to transition from NLHO to UKHO delay in ENC and paper Chart update

## 4 New publications & updates:

Tide table 2015 for the Suriname

### 4.2 Means of delivery

Paper and digital

## 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.

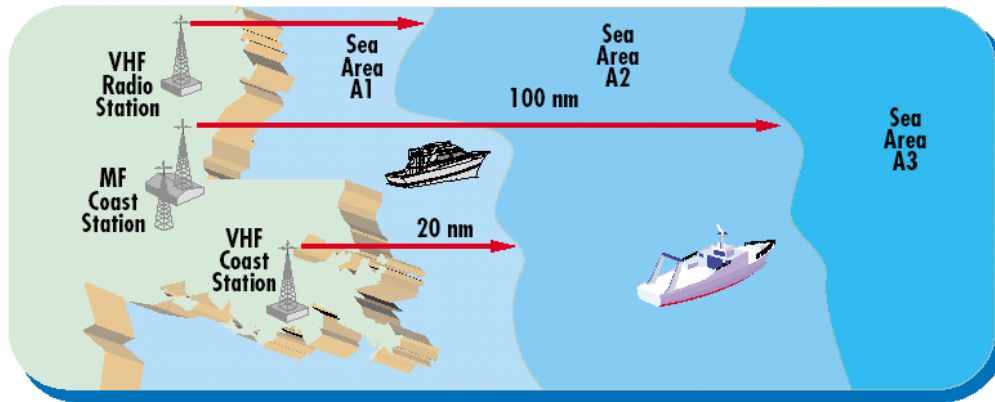
NtM submitted to the Nav Area coordinator

## 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 experience with the GMDSS

Note : Use the WNWWS template for this section

## 6 C-55

### Latest update (Tables)

| SERVICE                           | Yes    | No | Partial | NOTES                           |
|-----------------------------------|--------|----|---------|---------------------------------|
| LOCAL WARNINGS                    | X(NtM) |    |         |                                 |
| COASTAL WARNINGS                  |        |    | X(NtM)  |                                 |
| NAVAREA WARNINGS                  | X      |    |         | NtM send to NAVAREA coordinator |
| INFORMATION ON PORTS AND HARBOURS |        |    | X       | Through shipping agencies       |
|                                   |        |    |         |                                 |

## 7 Capacity Building

Offer of and/or demand for Capacity Building

Training received

- *THE IHO - NIPPON FOUNDATION CHART PROJECT*  
 6th Course in Marine Cartography and Data Assessment  
 UKHO, Taunton, UK, 1 September – 12 December.
  
- a) Technical Workshop on Hydro/ Cartography river Survey ( 22-24 October, 2014)  
 WORKSHOP IN IQUITOS, PERU- DNH

Needed

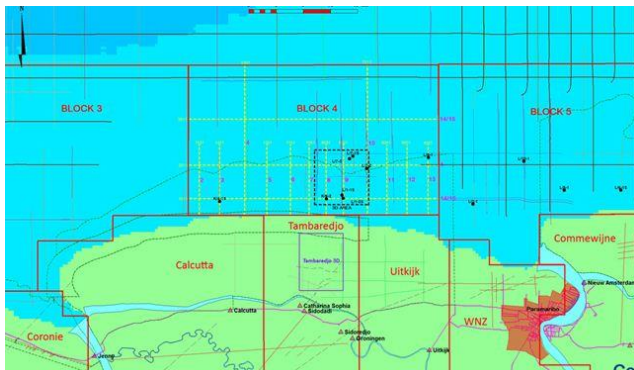
- Nautical Cartography Level A and B
- Hydrography level A and B

Required Intern ship;

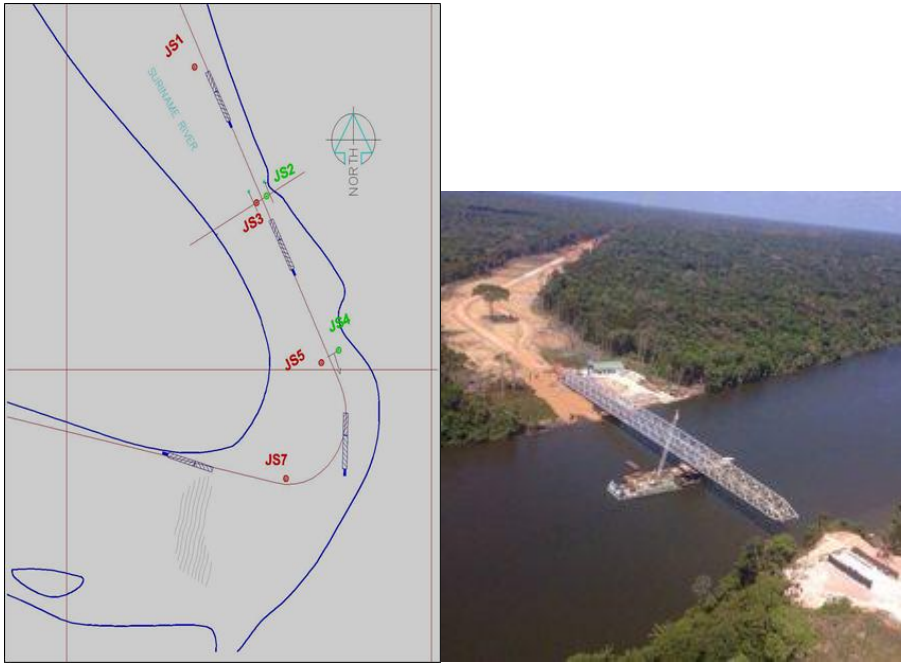
- Tidal analysis
- Side Scan Sonar operation and interpretation
- Paper Chart and ENC production
- SB and MB Back Scatter processing

Status of national, bilateral, multilateral or regional

- MoU Suriname – Brazil DNH
  - MoU Suriname – UKHO- ENC and paper Chart production
  - MoU Suriname – France
  - Member of IC-ENC for ENC validation and distribution
- 
- a) ESIA and Nearshore seismic project and mapping sensitivity areas along the coast of Suriname by the National State oil Company ( block 1 – 8)



b) Bridge over the Suriname river



c) Establishment of STS ( Ship To Ship) cargo transfer locations in de river and along the coast.

## 8 Oceanographic activities

Tide gauge network

Project : Support for improving integrated disaster risk management for climate

Objective: Flood Early Warning System ( FEWS)

Risk Knowledge

- Monitoring and Warning
- Dissemination and Communication
- Response Capabilities



## **9 Other activities**

Participation in IHO Working Groups

MEIP

IRCC

Geospatial studies

mapping sensitivity areas along the coast of Suriname by the National State oil Company ( block 1 –7)

Disaster prevention

National and regional Oilspill contingency plan for oil exploration

Environmental protection

Monitoring civil works,

MSDI Progress :

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

## **10 Conclusions**

- Good progress in capacity building and bilateral cooperation.