

National Approach addressing IHO Strategic Plan 2021-2026 Maritime Authority Suriname (MAS)

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Content

- Introduction of MAS
- Strategic Business Plan
- Adaption of IHO strategic plan in MAS Strategic Business plan
- Adjustment of departments processes and infrastructure
- S100 development plan
- Data availability
- Partnerships

Mission statement MAS

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

VISION

**“TO BE A PROFESSIONAL, COMMERCIAL
ORIENTED, INNOVATIVE AND LEADING
ORGANIZATION”.**

**“INITIATING AND FACILITATING MARITIME
DEVELOPMENT”**

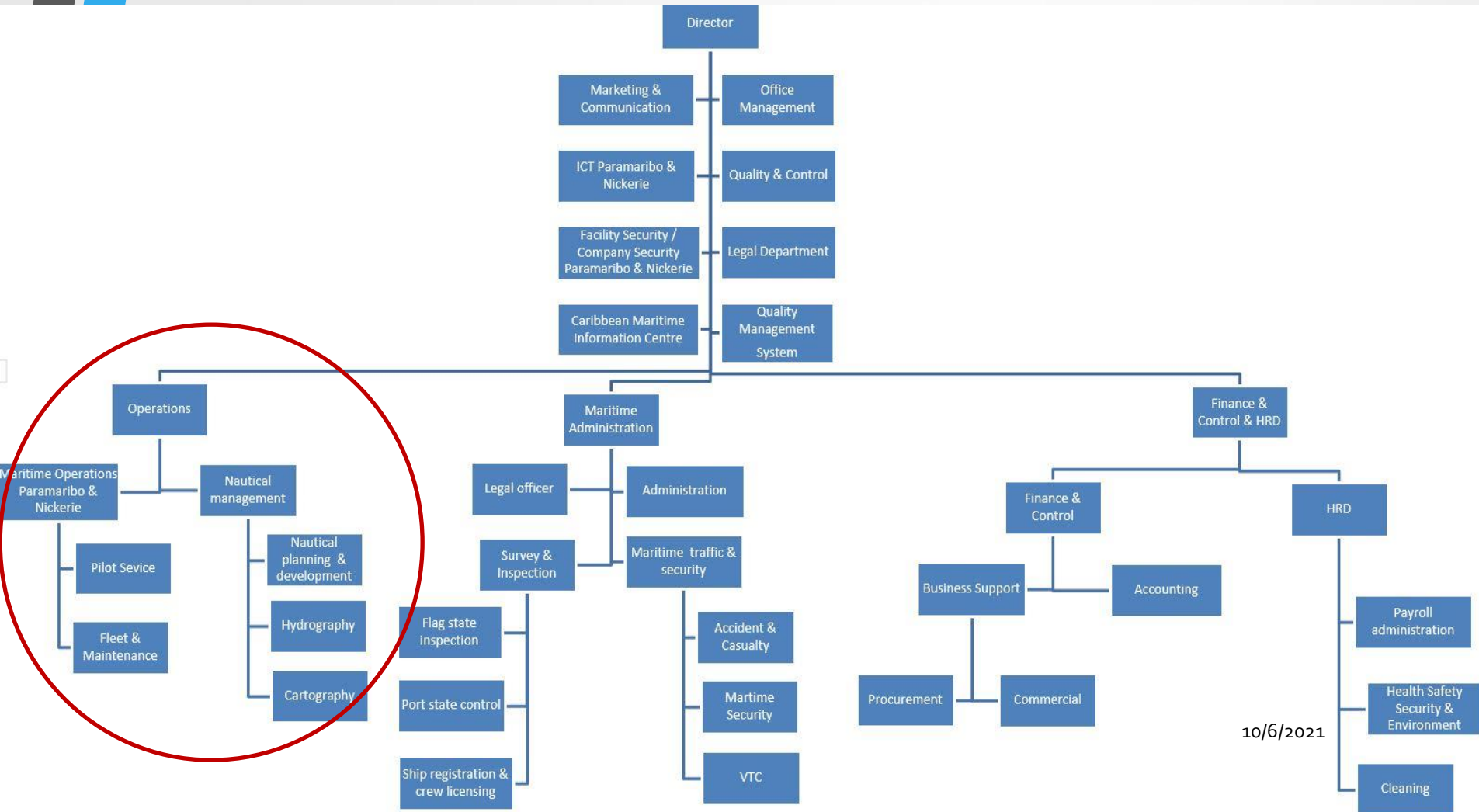
Objectives

- SAFE AND EFFICIENT PASSAGE OF SEA-GOING VESSELS TO AND FROM SURINAME BASED ON INTERNATIONAL STANDARDS.
- SUPERVISION ON THE OBSERVANCE OF LEGAL REGULATIONS CONCERNING SHIPPING AND SHIPPING TRAFFIC.

Membership

- INTERNATIONAL MARITIME ORGANIZATION (IMO)
- INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO)
 - MESO AMERICAN CARIBBEAN HYDROGRAPHIC COMMISSION (MACHC)
- INTERNATIONAL ASSOCIATION OF LIGHTHOUSE AUTHORITIES (IALA)
- CARIBBEAN SHIPPING ASSOCIATION (CSA)
- INTERNATIONAL MARITIME PILOTS ASSOCIATION (IMPA)
- CARIBBEAN MEMORANDUM OF UNDERSTANDING ON PORT STATE CONTROL (CMOU)

Organization structure



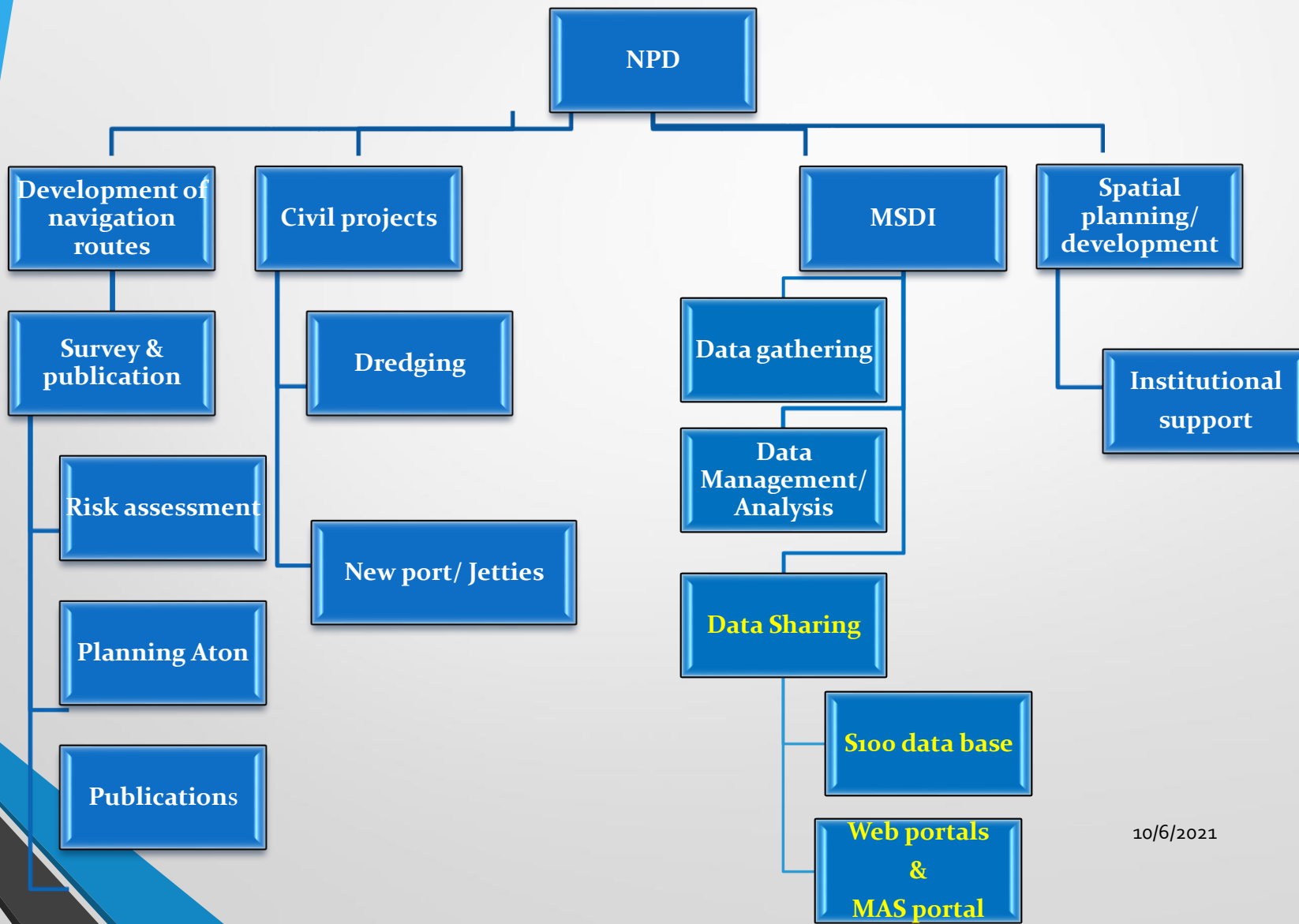
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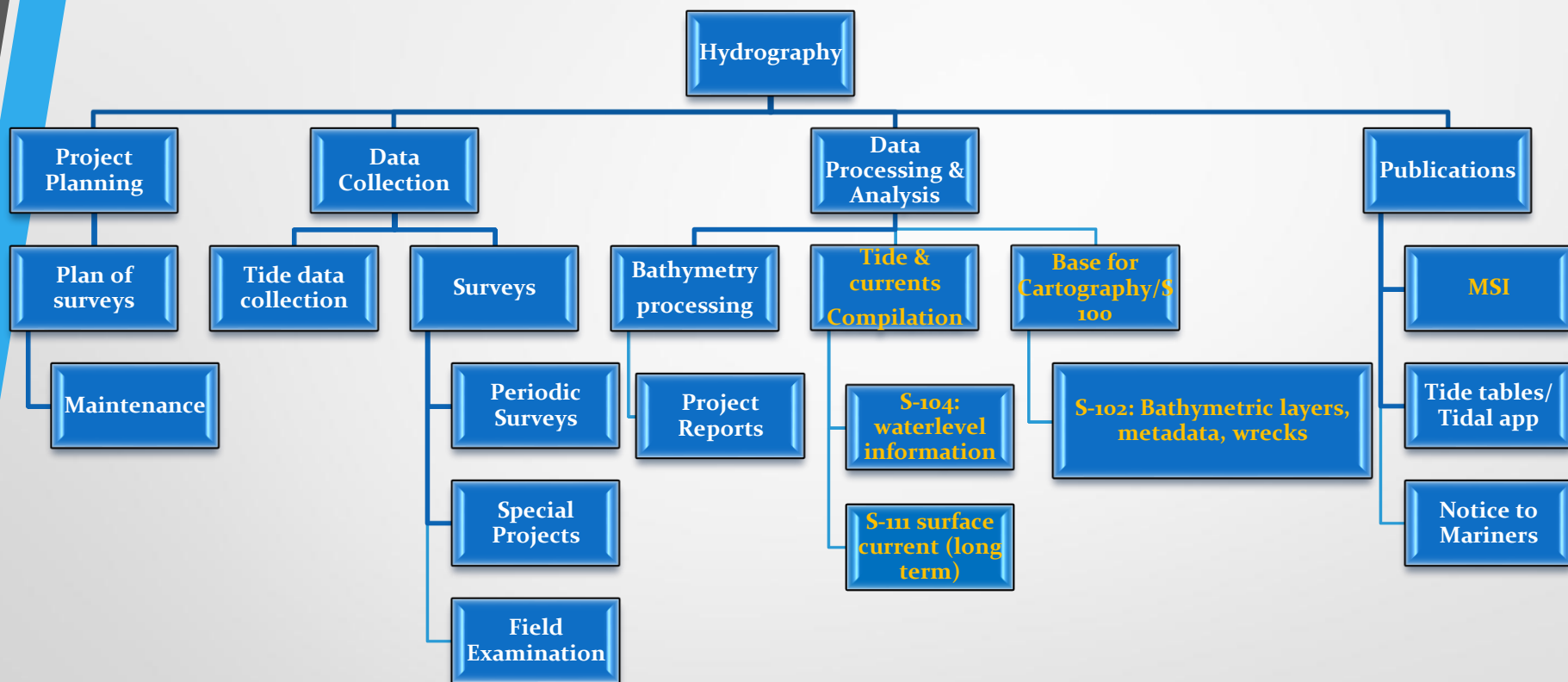
Spearpoints of MAS Policy 2018-2023

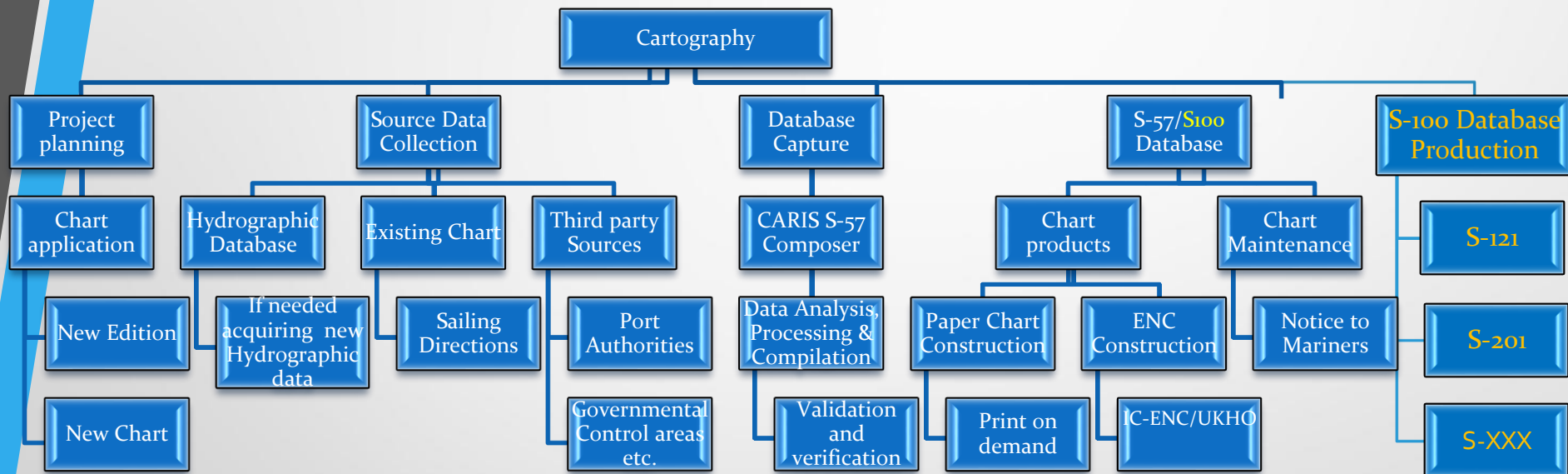
- Professional service organization
- Facilitating maritime development
- Monitoring of all aspects regarding the maritime sector
- Human resource development
- Renewal & innovation and upgrade of the MAS infrastructure
- Transparency and quality control

IHO Goals	IHO goals converted into MAS Strategic Goals	
1	Evolving the hydrographic support for safety and efficiency of maritime navigation, undergoing profound transformation	
Strategic goals	<ul style="list-style-type: none"> • Capacity building and training to develop skills of personnel (partnerships, purchase) • Adjust infrastructure to produce S100 products • Implement S100 standards, • Production of S100 products, (inhouse /partners) • Make products available on international market (IC- ENC , UKHO or other) 	
2	Increasing the use of hydrographic data for the benefit of society	
Strategic goals	<ul style="list-style-type: none"> • Use capacity building and training to develop skills of personnel • Set up/ expand MDSDI infrastructure • Data gathering- through survey , crowd sourcing, or other method • Data analysis & production of tailormade products • Data sharing through web portals or data bases (national and international) 	
3	Participating actively in international initiatives related to the knowledge and the sustainable use of the Ocean	
Strategic goals	<ul style="list-style-type: none"> • Expand MSI services in accordance with the joint IMO/IHO/WMO manual on MSI • Data Contribution to DCDB / GEBCO for seabed 2030/ National agencies • Make use of capacity building and training opportunities to develop skills and expand knowledge of personnel • Participate in working groups . 	10/6/2021

ADJUSTMENT OF DEPARTMENT PROCESSES AND INFRASTRUCTURE







S100 PRODUCTION PLAN 2022-2026

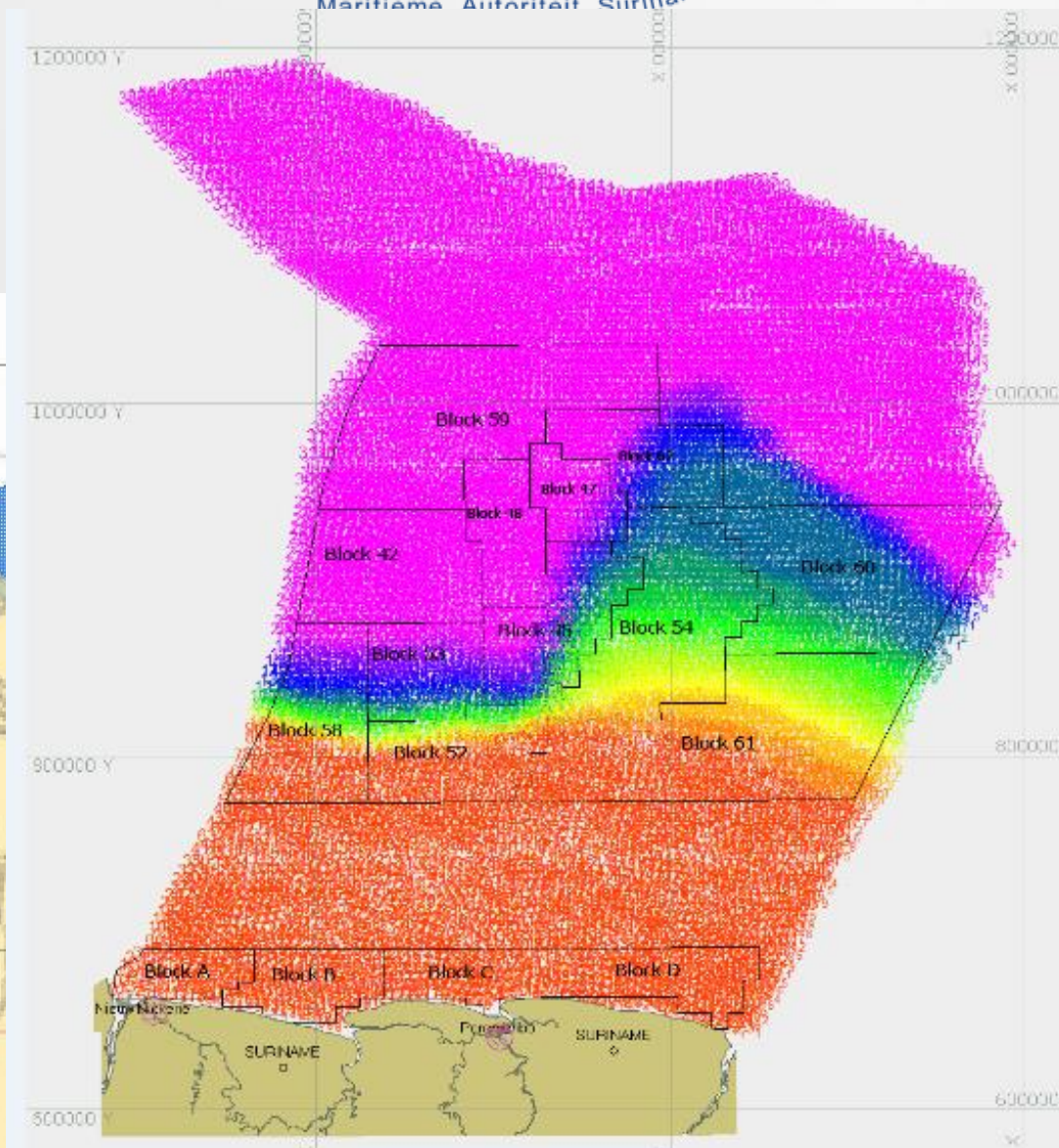
For HO Production Estimate, the following definitions apply:

Unknown; Now/very near (now or expected during 2021); Near-term (2022-2023); Medium-term (within next 5 years – by 2026); Long-term (within next 10 years – by 2031).

Maritime Data Product	IC-ENC Comments	HO Production Estimates Please select one, see definition above.	HO Comments
ENC (S-57 / S-101)	The S-101 ENC Product Specification is evolved from S-57.	Near-term	convert from S57
	ENC Scheming – use of a grid structure?	Medium-term	Streamline with S100 products.
	Conversion	Near-term	convert from S57
S-102 Bathymetric Surface	S-102 allows gridded bathymetric information to be provided in support of navigation.	Near-term	More for critical areas.

<u>S-111</u> Surface Currents	S-111 uses an HDF-5 encoding to provide surface current information.	Long-term	Training needed
<u>S-122</u> Marine Protected Area	This vector product specification allows Marine Protected Areas (MPAs) to be captured including more detail than is available in the S-101 ENC product specification.	Near-term	Data is available.
<u>S-124</u> Navigatio nal Warnings	Action plan being developed	Long-term	Partnership& training
<u>S-104</u> Water Level Informati on for Surface Navigatio n	S-104 uses a gridded HDF-5 encoding to provide height information either from predictions, forecasts or observations. The different types of information have corresponding update intervals.	Medium-term	Tidal modelling
S-412 Weather Overlay	Action plan being developed	Unknown	Partnership National Meteorological centre & training 10/6/2021

S10X OTHER	<p>There may be other S10x product specifications which your office is considering production/distribution.</p>	Near-term	<p>S-201 Aids to Navigation Information S-121 Maritime Limits and Boundaries</p>
	<p>If relevant, please state them here along with any further comments.</p>	Medium-term	<p>S-129 Under Keel Clearance Management (UKCM)</p>



Partnership

Existing

- IC-ENC
- UKHO
- SHOM
- DHN
- NLHO
- TCARTA
- National Coast guard
- University of Suriname
- National Land registry

To be signed

- National Oil and GAS Institute
- National Environmental Institute
- National Meteorological Center
- Telecommunication Authority Suriname

THANK YOU VERY MUCH!



QUESTIONS????