

**21<sup>st</sup> MEETING OF**  
**THE NORTH INDIAN OCEAN**  
**HYDROGRAPHIC COMMISSION (NIOHC 21)**

**BALI, INDONESIA**

**NATIONAL REPORT OF THE**  
**REPUBLIC OF MAURITIUS**



**23-25 August 2022**

## 1. **Executive Summary**

### 1.1. **Name of the Institution** - Mauritius Hydrographic Service (MHS)

### 1.2. **Introduction**

Mauritius Hydrographic Service (MHS) is a Governmental institution operating under the aegis of the Ministry of Housing and Land Use Planning and is the nodal agency for hydrographic surveying and nautical charting for the Republic of Mauritius which includes the Islands of Mauritius, Rodrigues, Agalega, Tromelin, Cargados Carajos and Chagos Archipelago, including Diego Garcia and any other island comprised in the State of Mauritius.

### 1.3. **Cooperation between Mauritius and India**

Under the existing Memorandum of Understanding (MoU) between the Republic of Mauritius and the Republic of India in the field of hydrography, Mauritius has obtained assistance from India *inter alia* for the conduct of deep-sea surveys, production of navigational charts, training of staff and provision of expertise for the setting up of hydrographic infrastructure locally.

### 1.4. **Staff of MHS**

MHS is currently headed by a Commander (Hydrographer) supported by two Petty Officer Survey Recorders deputed by the Government of India. One Principal Surveyor, one Senior Surveyor and one Surveyor from the Ministry of Housing and Land Use Planning also form part of the MHS team. All the surveyors from the Ministry are IHO/FIG CAT "A" qualified and have completed their hydrographic course under various IHO capacity building programmes.

### 1.5. **Submitted by:**

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## 2. Surveys

MHS organised its stakeholders meeting on 22 December 2021 to review the hydrographic survey requirements of Ministries and parastatal bodies. The meeting was attended by twelve stakeholders and a total of 75 hydrographic survey requirements were projected for the block year.

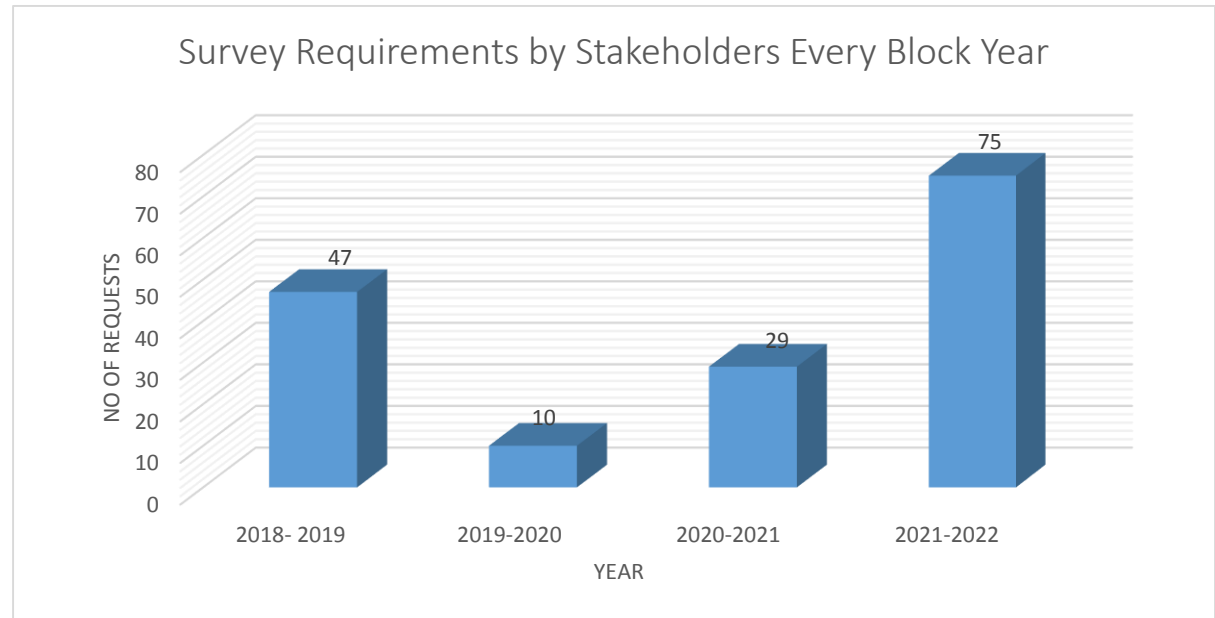


Figure 1: Survey Requirements by Stakeholders since 2018

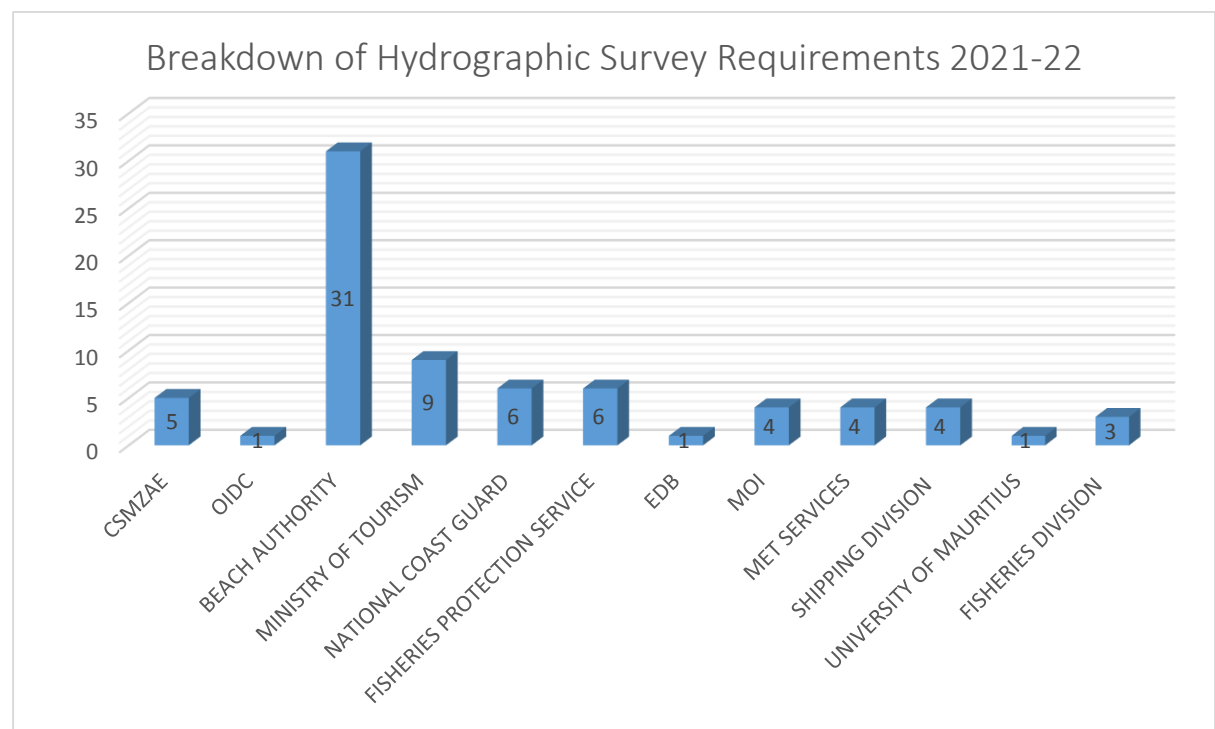


Figure 2: Breakdown of Hydrographic Survey Requirements 2021-2022

These surveys have been segregated as deep sea and shallow water surveys for an effective execution plan. The deep sea surveys are executed by hydrographic vessels deputed by the Government of India annually. The areas closer to the coast are surveyed using inshore survey vessel 'Pathfinder' fitted with Multibeam Echosounder (SeaBat T 20-P) and the lagoon areas are surveyed using crafts of opportunity received from various stakeholders requesting for surveys.



Figure 3: Execution Plan of Survey Tasks

2.1 **Coverage of New Surveys.** Many of the hydrographic services delivered by MHS this block year has been in line with the World Hydrography Day 2022 theme “**Hydrography - Contributing to the United Nations Ocean Decade**”. The Hydrographic survey data and its deliverables were indirectly part of the implementation programme of various projects of stakeholder organisations of Mauritius under the UNDP and its vision of sustainable development. A few surveys/ derived hydrographic products of MHS for stakeholders are as following:-

- (a) **Hydrographic survey and data support for the Fisheries Division of the Ministry of Blue Economy, Marine Resources, Fisheries and Shipping.** At the request of the Ministry, hydrographic surveys and derived products were provided for the process of extending the coverage of Marine Protected Areas (MPAs) of Mauritius by at least 5000 Ha into the sea. This forms part of the UNDP Funded Mainstream Biodiversity Project

and the fair sheets prepared with coordinates of extended limits will be used by the Ministry for the official proclamation of the MPAs.

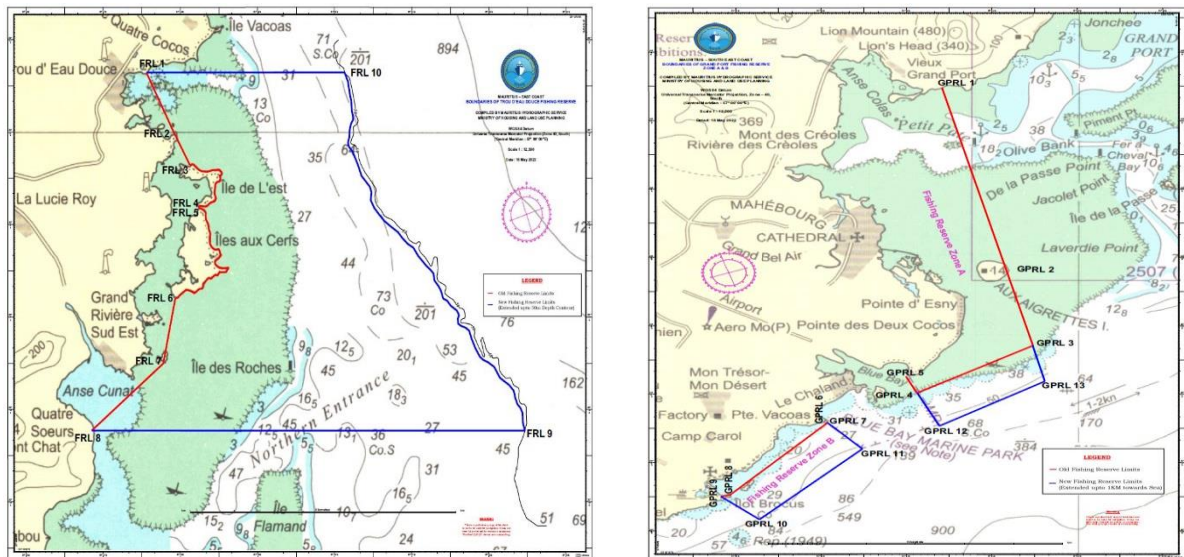


Figure 4: MPAs in the Eastern and South Eastern Part of Mauritius

(b) **The Ministry of Environment, Solid Waste Management and Climate Change.** The Ministry is pursuing projects for coastal protection, landscaping and infrastructural works at priority eroded sites around the Island of Mauritius. Mauritius Hydrographic Service has provided bathymetry data for 16 sites which will be used to tackle coastal erosion and increase the resilience of beaches to the impacts of climate change.

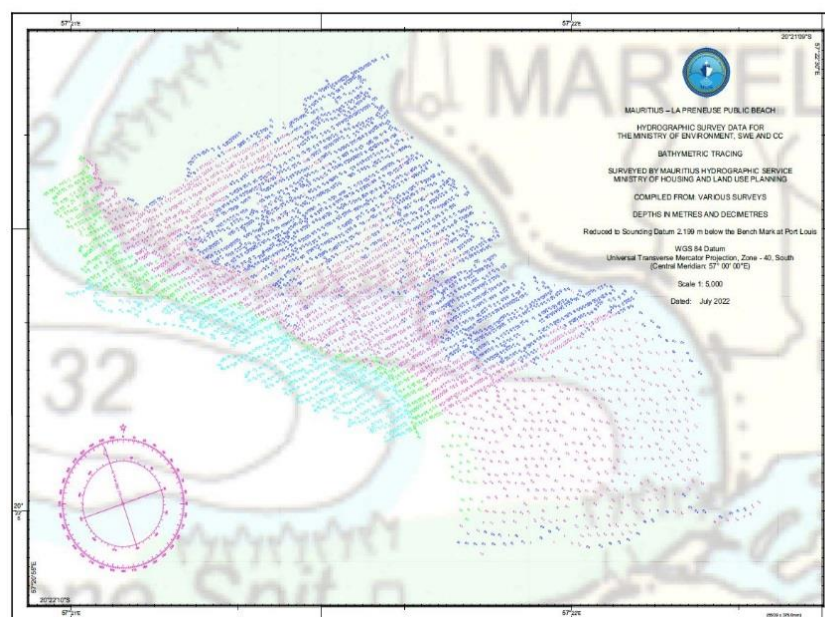


Figure 5: Bathymetric Survey off La Preneuse Public Beach (West Coast)



- (c) **The Ministry of Environment, Solid Waste Management and Climate Change.** The Ministry is also pursuing an operational study on coastal risks assessment for Mauritius and Rodrigues – ‘Coastal Erosion and Marine Flooding’ in collaboration with the French Geological Survey Institution, BRGM (Bureau de Recherches Geologiques et Minieres). The main components of phase 1 and phase 2 require extensive hydrographic data support and collaboration for the implementation of the project:-
- Phase 1: An assessment of coastal areas through field survey and data collection; and
- Phase 2: Vulnerability Assessment, mapping of exposed assets and preparation of risks maps.

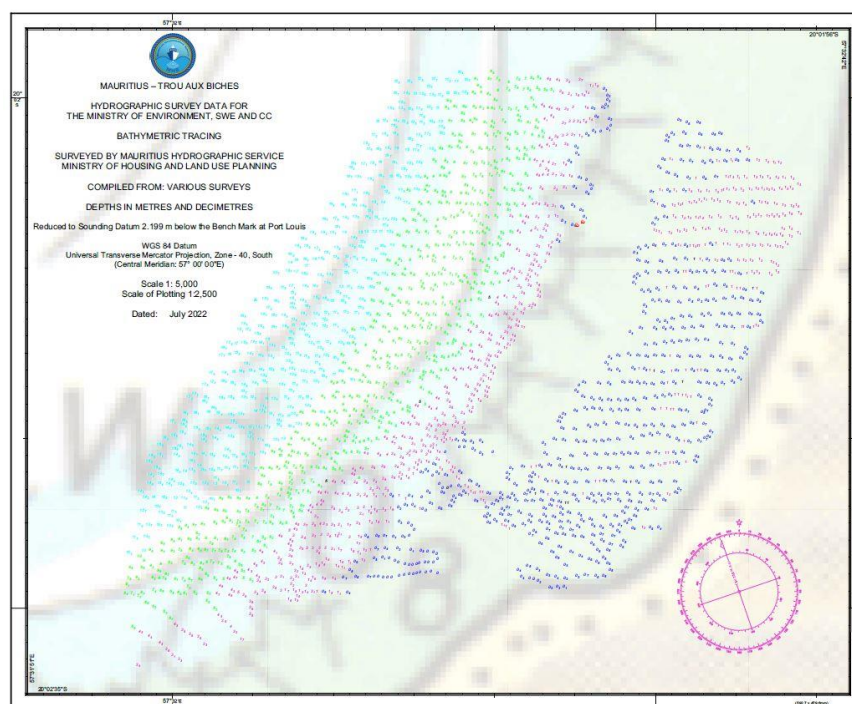


Figure 6 : Bathymetric Survey off Trou Aux Biches (North Coast)

- (d) **Survey for Study of Carrying Capacity of Lagoons for Management of the Coastal Zone.** MHS carried out hydrographic surveys and data compilation at the request of the Ministry of Tourism for the UNDP Biodiversity project of management of the coastal zone of Mauritius. The data provided by MHS will enable the Ministry to determine and evaluate the carrying capacity of different activities in the lagoon and to formulate a management framework with clearly defined strategies and policies.

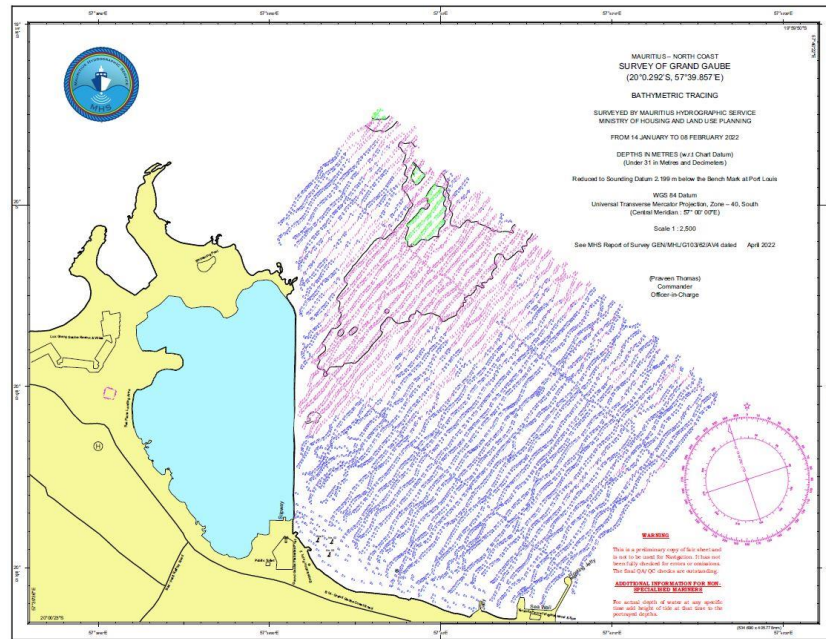


Figure 7: Bathymetry Data for Study on the Carrying Capacity of the Lagoon

(e) **Department for Continental Shelf, Maritime Zones Administration & Exploration (CSMZAE)**. In line with the Mauritius Underwater Cultural Heritage (MUCH) project, the Department for CSMZAE in collaboration with Stanford University is carrying out a reconnaissance study of the Shipwreck “Victoire” at Pointe Aux Cannoniers. A detailed bathymetric survey and data processing support was provided by MHS to enable overview of the depth and seafloor topology over the wreck site.

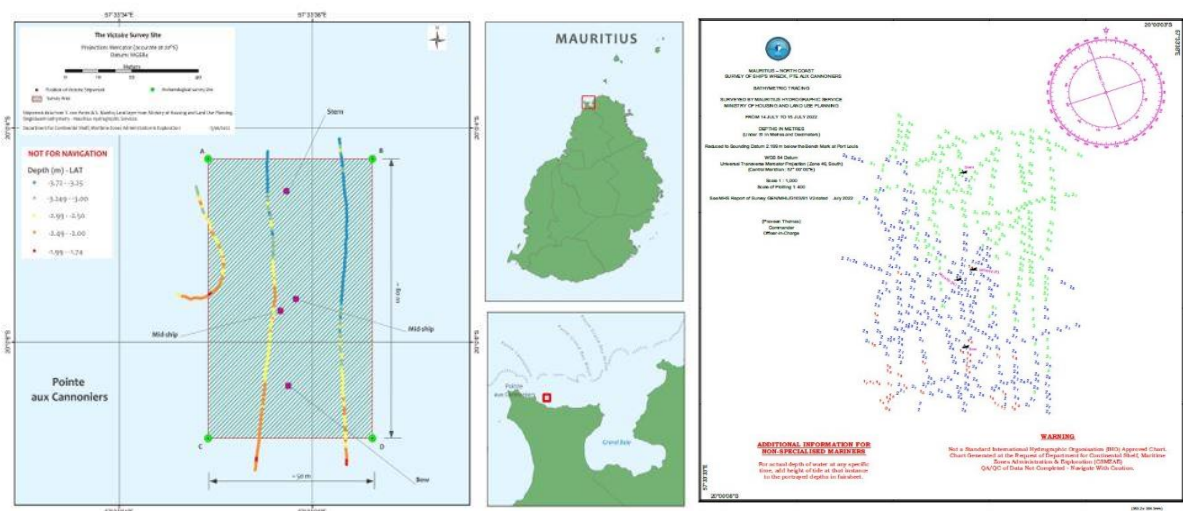


Figure 8: Bathymetric Survey of Historical Wreck at Pointe aux Cannoniers (North Coast)

(f) **Mauritius Ports Authority.** The changes in bathymetry at Port Louis harbour channel following recent cyclonic waves and swells, prolonged cargo spillage during discharging operations, and siltation from the river are regularly monitored and annually ascertained by hydrographic surveys. The Port being the lifeline of Mauritius, the Multibeam Echo Sounder Surveys were undertaken to report the shallow areas to ensure safety of navigation.

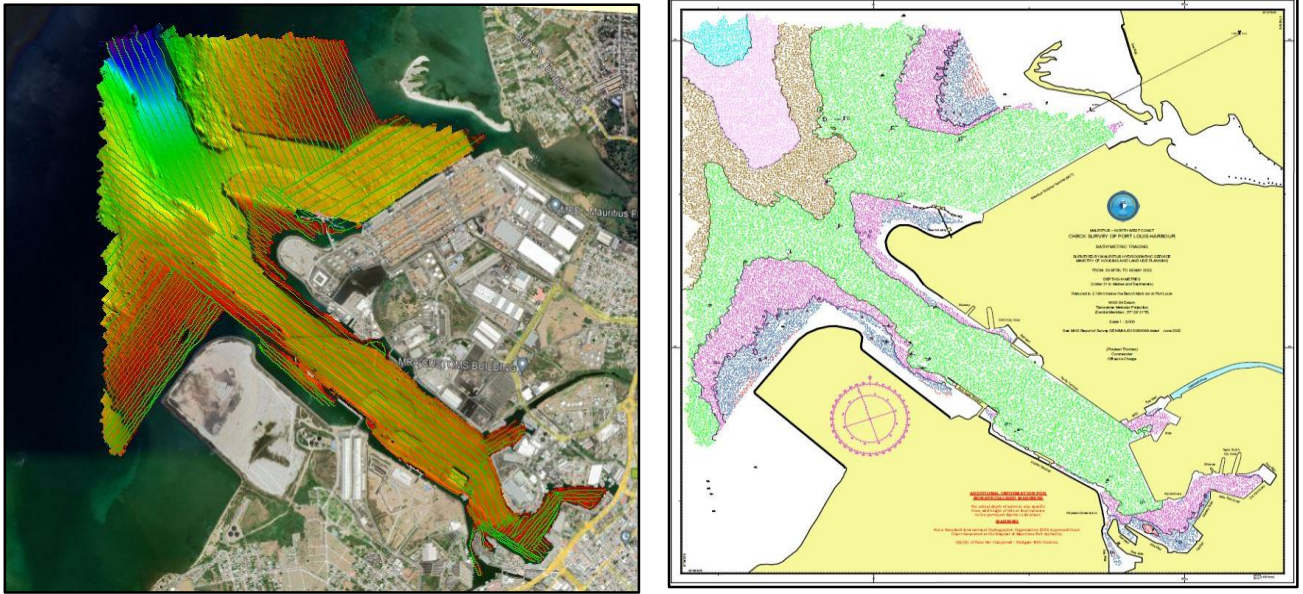


Figure 9: Multibeam Survey of Port Louis Harbour

(g) **Mauritius Ports Authority.** To mitigate damage caused by the grounding of tourist / fishing / pleasure crafts around the island, immediate support in the form of bathymetry data to facilitate salvage operation is provided by Mauritius Hydrographic Service. This year, in February, three Taiwanese trawlers ran aground on reefs off Bain-des-Dames and Pointe-aux-Sables, at the entrance of Port Louis harbour. MHS provided the requisite bathymetric data to facilitate salvage operations.



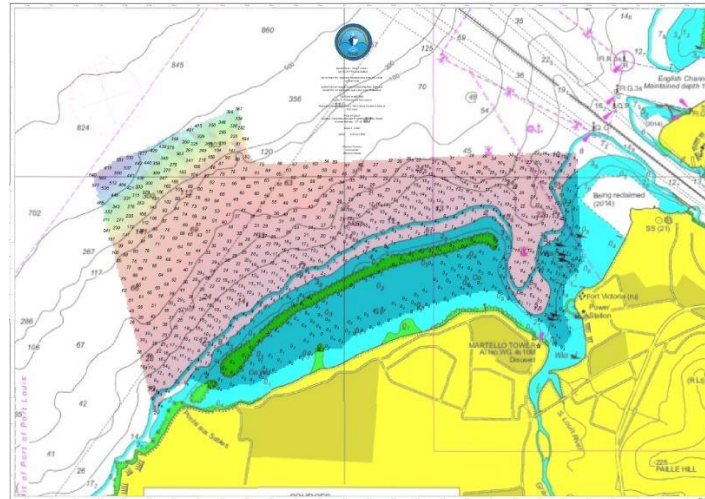


Figure 10: Survey for Salvage Operations of Grounded Vessels

(h) **The Ministry of Housing and Land Use Planning.** The high water line of Mauritius is regularly being surveyed and any changes are updated for the Ministry of Housing and Land Use Planning. The data is required for drawing the lease agreements / granting authorization for the implementing projects in line with guidelines set by the ICZM and the Beach Authority with a view to promote sustainable development. The Mauritius Hydrographic Service has undertaken projects for the delineation of High water mark for the calculation of revenue for the Government from leases of coastal areas.

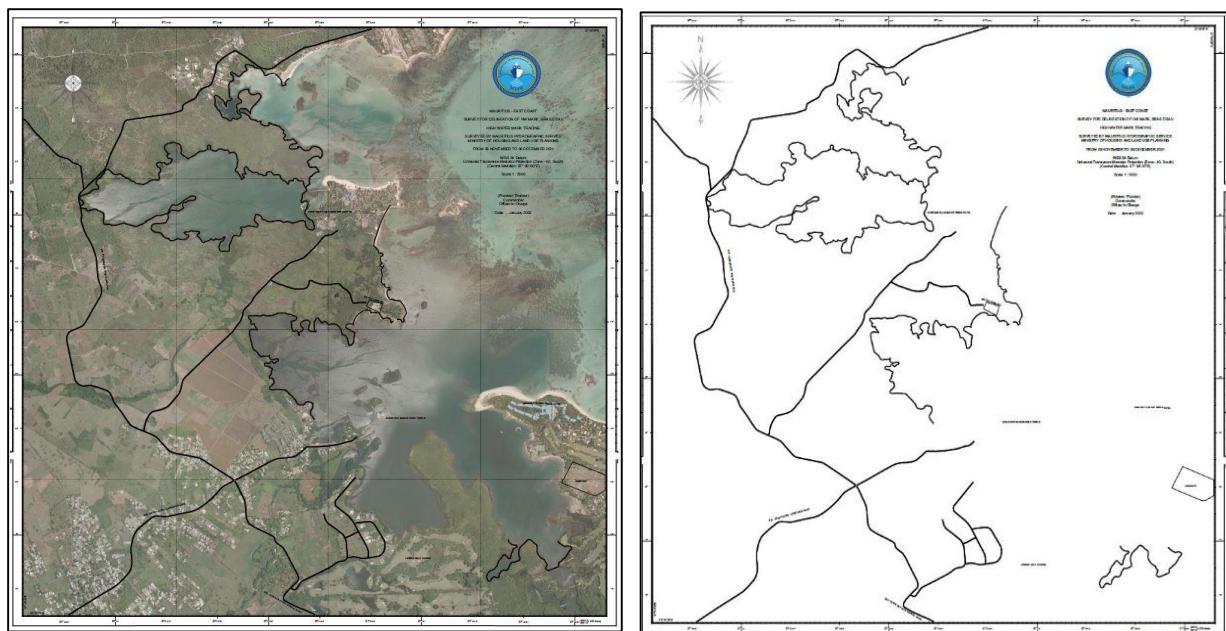


Figure 11: Coast lining for High Water Mark

(i) **Hydrographic Survey of Public Beaches around Mauritius.**

At the request of the Beach Authority, hydrographic surveys are being carried out for several public beaches. The hydrographic survey data is being used by the Authority for demarcation of swimming zones/ dangerous current zones/ installation of beach information panels/ Marine Protected Areas etc. The public beaches at the following locations have been surveyed for this block year:

- (i) Belle Mare;
- (ii) Palmar;
- (iii) Poste La Fayette;
- (iv) La Prairie;
- (v) Surinam ; and
- (vi) Riambel.

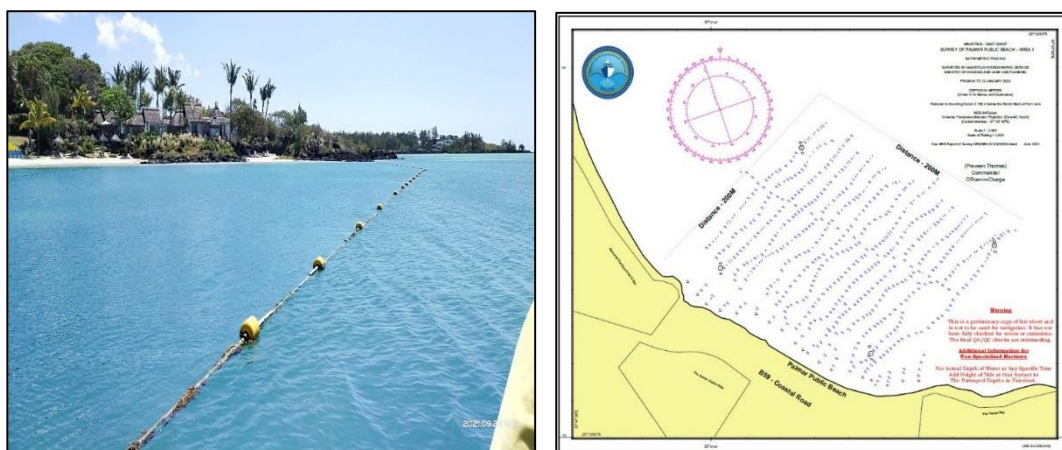


Figure 12: Bathymetry Survey for Demarcation of Various Safety Zones

(j) **Hydrographic Survey of Navigational Passes Phases VI & VII (June 21 – April 22).**

The survey of navigational passes are undertaken to demarcate the safe passage for mariners to enter and exit the lagoons to access the deep sea. These surveys are carried out at the request of the Ministry of Blue Economy, Marine Resources, Fisheries and Shipping and the Ministry of Tourism. In this context, MHS executed the following surveys between June 2021 and April 2022:

- (i) Passe Poule – Northern region;
- (ii) Passe Calodine – Northern region;

- (iii) Passe Deux Toque – Northern region;
- (iv) Passe D’Oscone – Northern region;
- (v) Passe Jacot – North Eastern region;
- (vi) Passe St Geran – North Eastern region;
- (vii) Passe Carcasse – North Eastern region; and
- (viii) Passe Trois Canals – North Eastern region.



Figure 13: Hydrographic Survey of Navigable Passes around Island of Mauritius

2.2 The basic infrastructure available for undertaking Hydrographic surveys at Mauritius Hydrographic Service is listed below: -

### **Equipment**

- (a) Inshore Survey Vessel “Pathfinder”
- (b) SeaBat T-20P Multibeam Echosounder System interfaced to SBG Ekinox II Inertial Navigational System
- (c) Atlas Deso-30 Echo sounder with 210 KHz and 33 KHz Transducers
- (d) Precision Depth Recorders – PDR 601
- (e) Teledyne Hydrotrac Portable Single Beam Echo Sounder
- (f) Side Scan Sonar 4200 FS with Discover and Sonar wiz software
- (g) Hemisphere R-131 Satellite DGPS
- (h) TSS Dynamic Motion Sensor 25.
- (i) CTD 48M Sound Velocity Profiler
- (j) Infinity-EM Current Meter
- (k) Aquadopp Current Meter
- (l) Valeport TideMaster Automatic Tide Gauge
- (m) Valeport SWiFT SVP



## **Software**

- (a) HYPACK 2019 software
- (b) CARIS Processing Suite for Single and Multi-beam Sounding
- (c) CARIS BDB
- (d) CARIS Paper Chart Composer

## 2.3 **New Technologies/Equipment**

### (a) **Automatic Tide Gauge**

MHS has procured a new Valeport VRS-20 RADAR based, Automatic Tide Gauge (ATG). The ATG was successfully commissioned in April 2022. A custom made contraption arrangement to deploy the radar sensor of the ATG into water was manufactured for ease of deployment. The procurement of the equipment is now enabling MHS to gather reliable tidal data from ongoing survey sites instead of relying on online tidal data.



Figure 14: Commissioning of Valeport ATG

### (b) **Valeport SWiFT SVP**

MHS has also procured a new Valeport SWiFT SVP which is equipped with integral GPS to geo-locate every profile. The data is being used for Singlebeam and Multibeam Echosounder data processing and to meet the specific sound velocity profile requirements of stakeholders.



Figure 15: Valeport Swift SVP



(c) **Aquadopp Current Meter**

As per the provisions of the Memorandum of Understanding in the field of Hydrography between the Government of Mauritius and the Government of India, Mauritius has received an “Aquadopp” Current Meter which will be used to meet the ocean current data recording requirements of stakeholders.



*Figure 16: Aquadopp Current Meter*

2.4 **New Ships.** Nil

2.5 **Challenges.**

- (a) Limited local representative of OEM for survey equipment.
- (b) Delayed local expert support for Multibeam Echosounder despite securing an Annual Maintenance Contract.
- (c) Limited support towards repair of survey vessel, engines, DA and associated accessories.

2.6 **Achievements**

Data from the hydrographic survey of navigable passes is being used by the Ministry of Blue Economy, Marine Resources, Fisheries and Shipping for the placement of buoys to demarcate navigable channels around the Island of Mauritius for the safety of fishermen and the marine community in a phased manner. For the last financial year, buoys have been placed to demarcate 14 navigable passes around Mauritius.

### 3. **New Charts & Updates**

3.1 **ENCs and Paper Charts.** A total of 13 Electronic Navigation Charts and 11 Navigational Paper Charts are being produced in collaboration with National Hydrographic Office (NHO), Dehradun, India for Mauritian waters. NHO, being the principal charting authority for Mauritius, any ambiguity regarding ENC/ paper chart issues is addressed by this organisation. The details of the new Edition of Paper Chart/ ENC (released after NIOHC - 20) are enumerated below:-

Chart Title - Grand Port (Mauritius)  
 Chart Number - 2507 (31 Dec 2021)  
 ENC Number - IN62507P (09 Feb 2022)

Chart Title - Approaches to Grand Port (Mauritius)  
 Chart Number - 2530 (31 Dec 2021)  
 ENC Number - IN52530A (10 Feb 2022)

3.2 **ENC Distribution Model.** ENCs covering Mauritian waters are distributed worldwide through UKHO, M/s Jeppesen Marine, M/s Primar Norwegian Hydrographic Service and M/s IIC Technologies Limited.

3.3 **Charts.** As at date, eleven (11) navigational charts covering Mauritian waters are being published and are as follows: -

<b><u>Sl No.</u></b>	<b><u>Chart No.</u></b>	<b><u>Name</u></b>
(a)	2514 (INT 7739)	Port Louis and Approaches to Port Louis.
(b)	2503 (INT 77391)	Approaches to Cargados Carajos Shoals
(c)	2504 (INT 77392)	Mathurin Harbour
(d)	2505 (INT 77393)	Approaches to Mathurin Harbour
(e)	2506 (INT 77394)	Grand Bay and Grand Riviere Noire Bay
(f)	2507 (INT 77395)	Grand Port
(g)	2512 (INT 77396)	Agalega Island
(h)	2529	Northern Islets of Mauritius
(i)	2527 (INT 77397)	Mauritius
(j)	2530	Approaches to Grand Port
(k)	2531	Rodrigues Island

*Table 1: Navigational Charts of Mauritian Waters*

3.4 Charts of Mauritian waters are available from the following agencies:

- (a) Cartographic Section, Ministry of Housing and Land Use Planning, Mauritius
- (b) National Hydrographic Office, Dehradun, India

- (c) Naval Chart Depots at Mumbai and Vishakhapatnam, India
- (d) M/s IIC Technologies Limited
- (e) M/s Jeppesen India Private Limited
- (f) M/s Lift o Marine
- (g) M/s C & C Marine Combine
- (h) M/s EW Liner Charts & Publication

### 3.6 **Challenges and Achievements.** Nil

## 4. **New Publications & Updates**

4.1 **Catalogue.** The catalogue of Paper Charts and Electronic Navigational Charts, Mauritius has been updated as of September 2021. The catalogue is available on the website of the Ministry of Housing and Land Use Planning at [https://housing.govmu.org/Documents/MHS%20311220/CHART%20CATALOGUE\\_CO MBINED1.pdf](https://housing.govmu.org/Documents/MHS%20311220/CHART%20CATALOGUE_CO MBINED1.pdf)

4.2 **Compendium of the Survey of Navigable Passes.** Mauritius Hydrographic Service (MHS) has published “Compendium of the Survey of Navigable Passes”, collating the availability of survey data of Navigable Passes surveyed by the Mauritius Hydrographic Services since its inception. This compilation of the data will bridge the gap between stakeholder projects and knowledge of data availability. The information in the document is viewed as a vital contributor to the Mauritius Government Marine Spatial Data Infrastructure website “Ocean Observatory E-platform”. The compendium is also available on the website of the Ministry of Housing and Land Use Planning at [https://housing.govmu.org/Documents/MHS%20311220/Catalogue%20passe\\_Final\\_20.09.2021\\_WO%20Heads.pdf](https://housing.govmu.org/Documents/MHS%20311220/Catalogue%20passe_Final_20.09.2021_WO%20Heads.pdf)

### 4.3 **Challenges and Achievements.** Nil

## 5. **MSI (Maritime Safety Information)**

### 5.1 **Existing Infrastructure for Transmission.**

Dissemination of Maritime Safety Information is carried out by the Mauritius Radio Services (MRS), a GMDSS coast station operated by Mauritius Telecom, on behalf of and under an agreement with the Shipping Division of the Ministry of Blue Economy, Marine Resources, Fisheries and Shipping. GMDSS covers sea areas A1, A2 and A3 within the Mauritius Search and Rescue Region (SRR) only. Mauritius Radio Services operates 24/7 and is based at Cassis, Port-Louis. Mauritius is located in NAVAREA VIII coordinated by India.

## 5.2 **MRS disseminates MSI by the following methods:-**

### (a) **Navtex**

All MSI are transmitted on the International Navtex by default. The frequency is 518 KHz. There is no National Navtex (490 KHz) service in Mauritius. The Station Identification of the Navtex in Mauritius is 'C'. Messages are transmitted on a 10-minute slot every 4 hours starting at 0020, 0420, 0820, 1220, 1620 and 2020 hours GMT. The normal range of Navtex broadcast is 400 nautical miles.

### (b) **VHF**

Based on the area of concern, some MSI messages are broadcast on VHF Radio Telephony on Channel 24, after an announcement is made on Channel 16. MRS has a VHF network that completely covers the Sea Area A1 of Mauritius. 6 VHF stations are remotely operated around the island from the control centre in Cassis. The maximum range is 30 nautical miles.

### (c) **HF**

MSI may also be broadcasted on HF Radio Telephony (8800 KHz). This is specifically done if the area of concern is around the Mauritius fishing banks. Fishing vessels operating on Mauritius fishing banks are equipped with HF Radio Telephone equipment for communication with MRS. Weather information is sent daily to these fishing vessels on HF.



(d) **Inmarsat-C**

If the area of concern is relatively far from Mauritius, especially beyond the normal range of Navtex, some MSI may be broadcast on the e-broadcast system. This system is operated by AMSA (Australian Maritime Safety Authority) and MRS have access to this platform through an agreement made by the Shipping Division. It is an online tool through which messages may be broadcast to ships within Mauritius SRR. The e-broadcast is normally intended for distress and urgent situations and therefore not all MSI messages are broadcast on this system.

5.3 **Challenges and Achievements.** Nil6. **C-55**

The updated C-55 table is placed at Annexure to the National Report.

7. **Capacity Building**7.1 **Training Received, Needed and Offered**(a) **Training Received****International Hydrographic Organisation**

- Seminar on Raising Awareness of Hydrography – Maputo, Mozambique (SAIHC-18)
- Training for Trainers - Online

**National Hydrographic Office, India**

- Nautical Cartography – Paper Chart and ENC Production - Two officers from the Ministry of Housing and Land Use Planning attended the Course under the ITEC programme of the Government of India

**United Kingdom Hydrographic Office**

- MSDI Awareness Training Course - Online
- Introduction to S-100 - Online
- Introduction to S 57 and Understanding ENC - Online

(b) **Training Needed.** Additional training requirements are envisaged in the following areas: -

- Nautical Cartography (Paper Chart and ENC chart production)

- 06 weeks Electronic Survey Equipment Orientation Course (ESEOC).
- CAT 'A' and CAT 'B' courses for one Officer through IHO capacity building programme.

## 8. **Oceanographic Activities**

The Mauritius Oceanography Institute (MOI) advises Government on the formulation and implementation of policies and programs in respect of oceanography and marine resources. MHS also works in close collaboration with MOI for providing assistance in the collection of certain oceanographic datasets like sound velocity profiles, ocean current parameters, nature of seabed etc.

The Mauritius Meteorological Service is responsible for the maintenance of tide gauges and production of tide tables in Mauritius. The following tide stations are in use:

<i>Locations</i>	<i>Digital Tidegauges</i>	<i>Installation</i>	<i>Sensors used to measure sea level</i>	<i>GPS Positions</i>
<b>Port Louis</b> ( <i>Trou Fanfaron</i> )	Sutron SatLink Logger	14 March 2008	Encoder, radar, pressure	20 <sup>0</sup> 09.434' South, 57 <sup>0</sup> 30.256' East
<b>Port Louis</b> ( <i>Trou Fanfaron</i> )	Vaisala (MAWS 301)	May 2005	Encoder, radar, pressure	
<b>Blue Bay</b>	Sutron SatLink (XLITE 9210)	29 November 2008	Radar, pressure	20 <sup>0</sup> 26.650' South, 57 <sup>0</sup> 42.655' East
<b>Rodrigues</b> ( <i>Port Mathurin</i> )	Sutron SatLink Logger	8 March 2008	Encoder, radar, pressure	19 <sup>0</sup> 40' South, 63 <sup>0</sup> 25' East
<b>Agalega</b> ( <i>La Fourche</i> )	Sutron SatLink (XLITE 9210)	22 November 2008	Radar only	10.346 <sup>0</sup> South, 56.586 East

Table 2: Tide Stations within the Republic of Mauritius

## 9. **Spatial Data Infrastructure**

### 9.1 **Existing Infrastructure for MSDI**

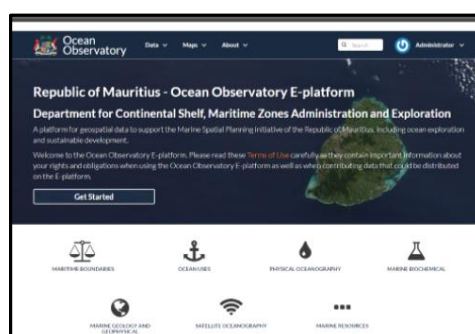


Figure 17: Mauritius Ocean Observatory E-platform

The Department for Continental Shelf, Maritime Zones Administration and Exploration (CSMZAE), with the expertise of the Commonwealth Scientific and Industrial Research Organisation (CSIRO) Oceans & Atmosphere, Australia, has developed the Mauritius Ocean Observatory E-platform (E-platform) under the Indian Ocean Rim Association (IORA) project “Developing an Enhanced Ocean Observatory in support of Ocean Exploration and Development”. The main objective of the E-platform is to centralise data pertaining to the maritime zones of the Republic of Mauritius in order to facilitate data discovery and data sharing between researchers, partners and users involved in management, policy and planning.

## 9.2 Achievements

The metadata of the hydrographic surveys have been successfully incorporated into the Ocean Observatory E-platform of the Government of Mauritius and is available to the stakeholders. Taking reference from the metadata, Government agencies and educational institutions approach MHS for bathymetry and allied information for the implementation of their projects of interest.

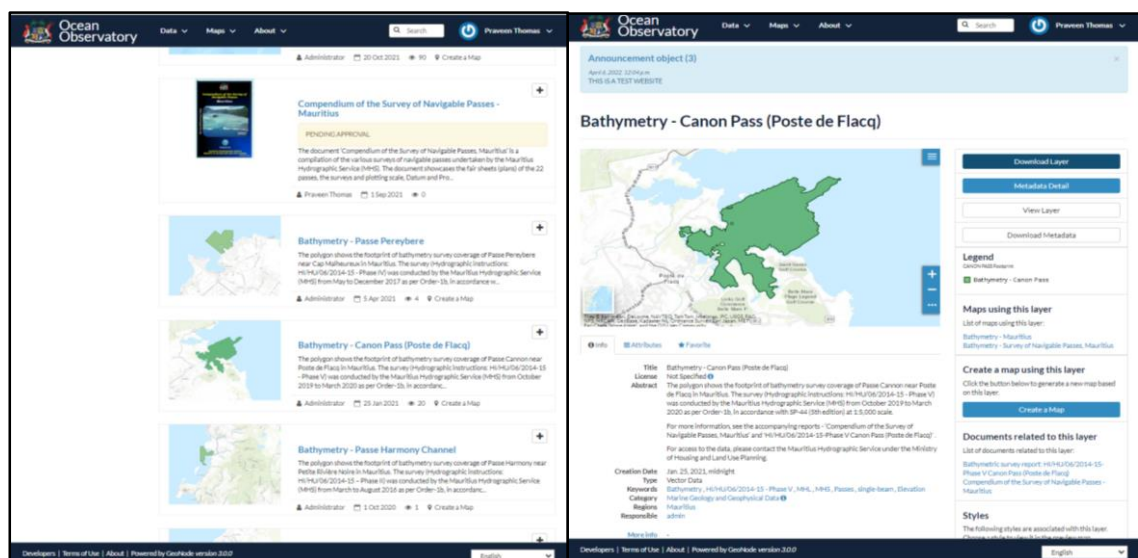


Figure 18: MHS Hydrographic Data on the “Republic of Mauritius - Ocean Observatory E-platform”

## 10. **Other Activities**

### 10. 1 **Participation in National Productivity and Quality Convention**

Mauritius Hydrographic Service (MHS) participated in the third edition of the National Productivity and Quality Convention – NPQC 2021. MHS presented its project “*How Mauritius Hydrographic Service (MHS) can Improve Capability to Achieve International Hydrographic Standards*” and obtained a **Silver award** in line with the theme “*Pursuing Productivity and Quality Amidst COVID-19*”.



## Input to the IHO Publication P-5 (Yearbook)

*(Updated in IHO website as on 02 August 2022)*

**Country** : Mauritius  
**Unit** : Mauritius Hydrographic Service  
**Parent Organization** : The Ministry of Housing and Land Use Planning  
**Head of Parent Organisation** : **Ms. Maheswaree Naraini Madhub**,  
 Senior Chief Executive

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<b>Other point(s) of contact</b>	Mr D. Madhow, Principal Surveyor + 230 4016808 <a href="mailto:dmadhow@govmu.org">dmadhow@govmu.org</a>  Mr H. Teckmun Senior Surveyor + 230 4013801 <a href="mailto:hydrounit@govmu.org">hydrounit@govmu.org</a>
<b>Web site</b>	<a href="http://housing.govmu.org">housing.govmu.org</a>
Country information	
<b>Declared National Tonnage</b>	Tonnage: 164349 T  Date: December 2019
<b>-National day</b> <b>-Fête nationale</b> <b>-Fiesta nacional</b>	Independence Day 12 March Republic Day 12 March
<b>Date of establishment and Relevant National Legislation</b>	Hydrographic surveys and nautical charting are under the ambit of Ministry of Housing and Land Use Planning. The legislative framework for hydrographic services would be formulated in due course.
<b>Date first joined IHO</b>	August 2005

<b>Date ratification Convention</b>	August 2005
<b>Remarks on membership</b>	Nil
<b>Agency information/ Information sur l'agence/ Información sobre la agencia</b>	
<b>Top level parent organisation</b>	Ministry of Housing and Land Use Planning
<b>Principal functions of the organisation or the department</b>	<ol style="list-style-type: none"> <li>1. Hydrographic surveys for compiling and updating nautical charts and products.</li> <li>2. Project surveys in support of development activities, scientific research, coastal zone management, environmental protection, fisheries management and maritime security.</li> <li>3. Compilation of Navigational warnings for promulgation through NAVAREA coordinator.</li> <li>4. Procurement &amp; Maintenance of hydrographic, oceanographic and marine cartographic equipment for the department.</li> <li>5. Interact with International Hydrographic Organisation (IHO), North Indian Ocean Hydrographic Commission (NIOHC), Southern African &amp; Islands Hydrographic Commission (SAIHC) on matters related to hydrography.</li> <li>6. Provide training to surveyors, officers from Ministry of Housing and Land Use Planning &amp; other stakeholders in the field of hydrography</li> <li>7. Cooperate with other stakeholders and provide expertise on matters related to maritime domain.</li> </ol>
<b>Annual operating budget</b>	Approximately 50,000 USD (excluding salaries)
<b>Total number of staff employed</b>	6
<b>Number of INT charts published</b>	8
<b>Total number of paper charts published</b>	11
<b>Number of ENC cells published</b>	13

<b>Number of Other charts</b>	Nil			
<b>Type of publications produced</b>	Catalogue of Charts Compendium of Survey of Navigable Passes			
<b>Detail of surveying vessels/ aircraft</b>	<b>Name</b>	<b>Displacement</b>	<b>Date Launched</b>	<b>-Number of crew</b>
	ISV Pathfinder	6.5 T	2012	05
<b>Other information of interest</b>	Following a memorandum of understanding in the field of Hydrographic Cooperation with India, a full-fledged Hydrographic Unit was established at the Ministry of Housing and Land Use Planning in 2013. The unit has been rechristened as Mauritius Hydrographic Service since 2018.			

**Input to the IHO Publication C-55**  
**(Status of Hydrographic Surveying and Charting Worldwide)**  
**Country: Mauritius**  
*(Updated in IHO website as on 02 August 2022)*

C-55 Summary for:				<b>Comments on Charts:</b> Chart coverage updated based on new charting scheme and requirement of stakeholders especially for areas of Saya de Malha and Nazareth banks
<b>Country:</b>	Mauritius			
<b>Country Iso Code:</b>	MU			
<b>Country SubCode:</b>	-			
<b>INT Region:</b>	H			
<b>Country/Depend:</b>	-			
<b>Last updated:</b>	February 2021			
<b>Provided by:</b>	Mauritius			
<b>Chart coverage</b>	<b>Passage (%)</b>	<b>Coastal (%)</b>	<b>Ports and Approaches (%)</b>	
<b>INT</b>	100	80	90	<b>Comments on Surveys:</b> <b>Adequate:</b> Surveys between 2005-2022 <b>Resurvey:</b> 1980-2005 (as per requirement) <b>Never Systematically Surveyed:</b> Surveys prior to 1980
<b>RNC</b>	-	-	-	
<b>ENC</b>	100	80	90	
<b>Status of Paper Charts</b>				
Paper charts with depths in meters (%)			100	
Paper charts referenced to a satellite datum (%)			100	
<b>Status of surveys</b>	<b>Adequate (%)</b>	<b>Resurvey (%)</b>	<b>No survey (%)</b>	
0-200m	35	35	30	
> 200m	08	45	47	

<b>MSI</b>	<b>Y/N</b>	<b>Comments on MSI:</b>
<b>Local warning</b>	Y	
<b>Coastal warning</b>	Y	
<b>Nav warning</b>	Y	
<b>Port warning</b>	Y	
<b>GMDSS</b>	<b>Y/N</b>	<b>Comments on GMDSS:</b>
<b>Master Plan</b>	Y	
<b>Area A1</b>	Y	
<b>Area A2</b>	Y	
<b>Area A3</b>	Y	
<b>NAVTEX</b>	Y (International Frequency)	
<b>SafetyNet</b>	N	