



18th Meeting of the Southern African and Islands Hydrographic Commission

National Report by Republic of Mauritius

[SAIHC MEMBER & VICE CHAIR]

SAIHC18, Maputo/Hybrid-VTC Meeting

9th - 13th May 2022

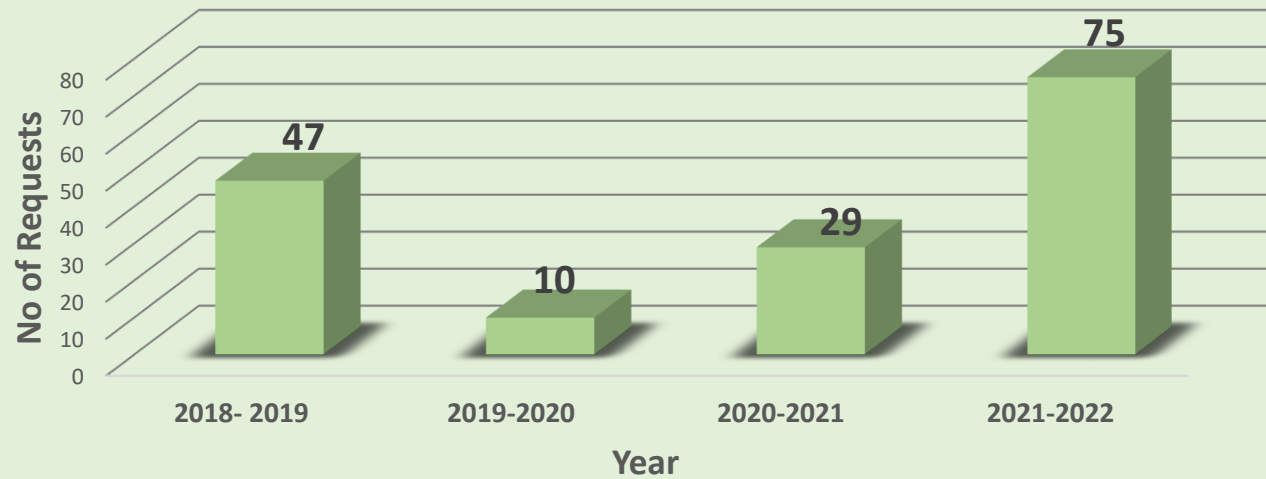
MAURITIUS HYDROGRAPHIC SERVICE (MHS)

- MHS FALLS UNDER THE MINISTRY OF HOUSING AND LAND USE PLANNING
- NODAL AGENCY FOR HYDROGRAPHIC SURVEY AND NAUTICAL CHARTING FOR THE REPUBLIC OF MAURITIUS WHICH INCLUDES
 - THE ISLANDS OF MAURITIUS, RODRIGUES, AGALEGA,
 - TROMELIN,
 - CARGADOS CARAJOS AND
 - THE CHAGOS ARCHIPELAGO, INCLUDING DIEGO GARCIA AND ANY OTHER ISLAND COMPRISED IN THE STATE OF MAURITIUS.

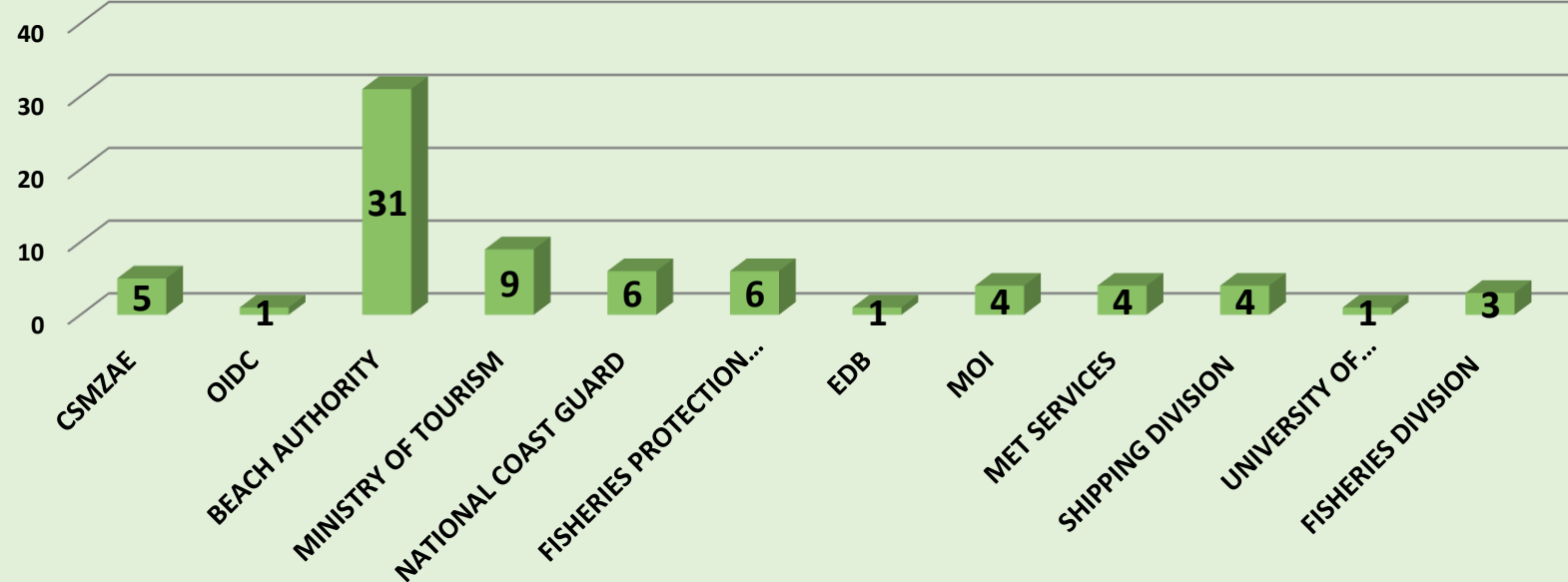
ACHIEVEMENTS DURING THE YEAR

HYDROGRAPHIC SURVEY – STAKEHOLDER ANNUAL MEETING

Survey Requirements by Stakeholders Every Block Year



Breakdown of Hydrographic Survey Requirement 2021-22



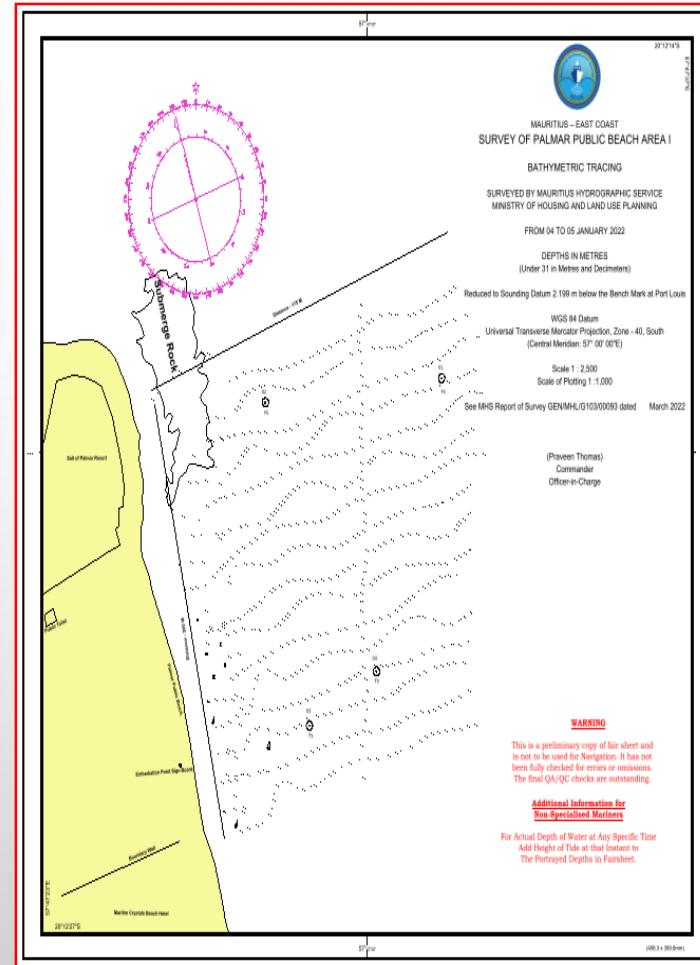
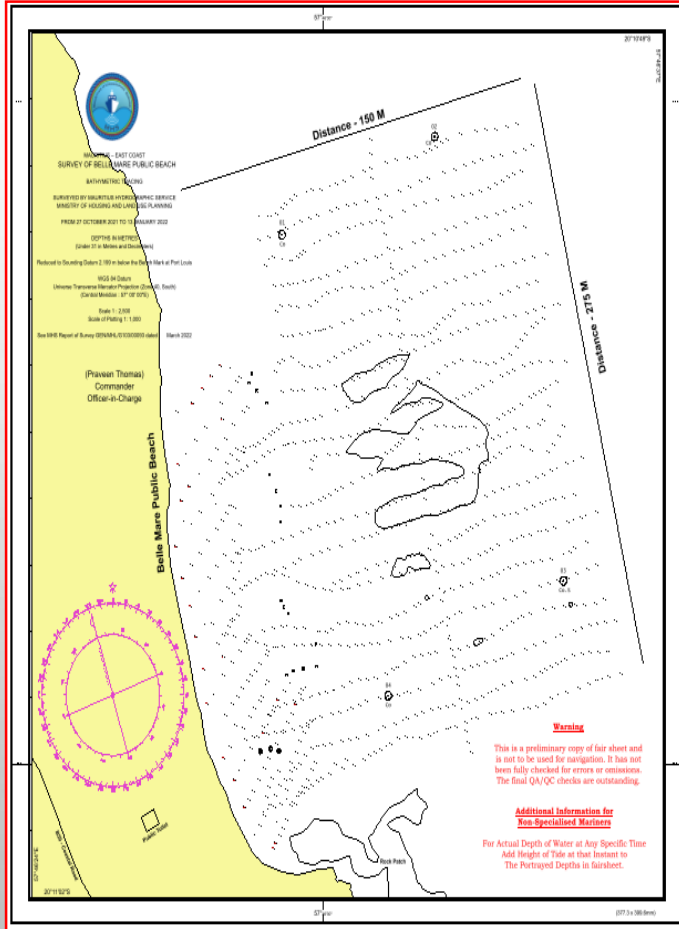
- **SURVEYS ARE SEGREGATED AS**
 - DEEP SEA SURVEYS AND
 - SHALLOW WATER SURVEYS

- **DEEP SEA SURVEYS: CARRIED OUT BY INDIAN VESSELS.**

- **AREAS CLOSER TO THE COAST : USE OF INSHORE SURVEY VESSEL FITTED WITH MULTIBEAM ECHOSOUNDER**

ACHIEVEMENTS DURING THE YEAR

HYDROGRAPHIC SURVEY OF PUBLIC BEACHES AROUND MAURITIUS

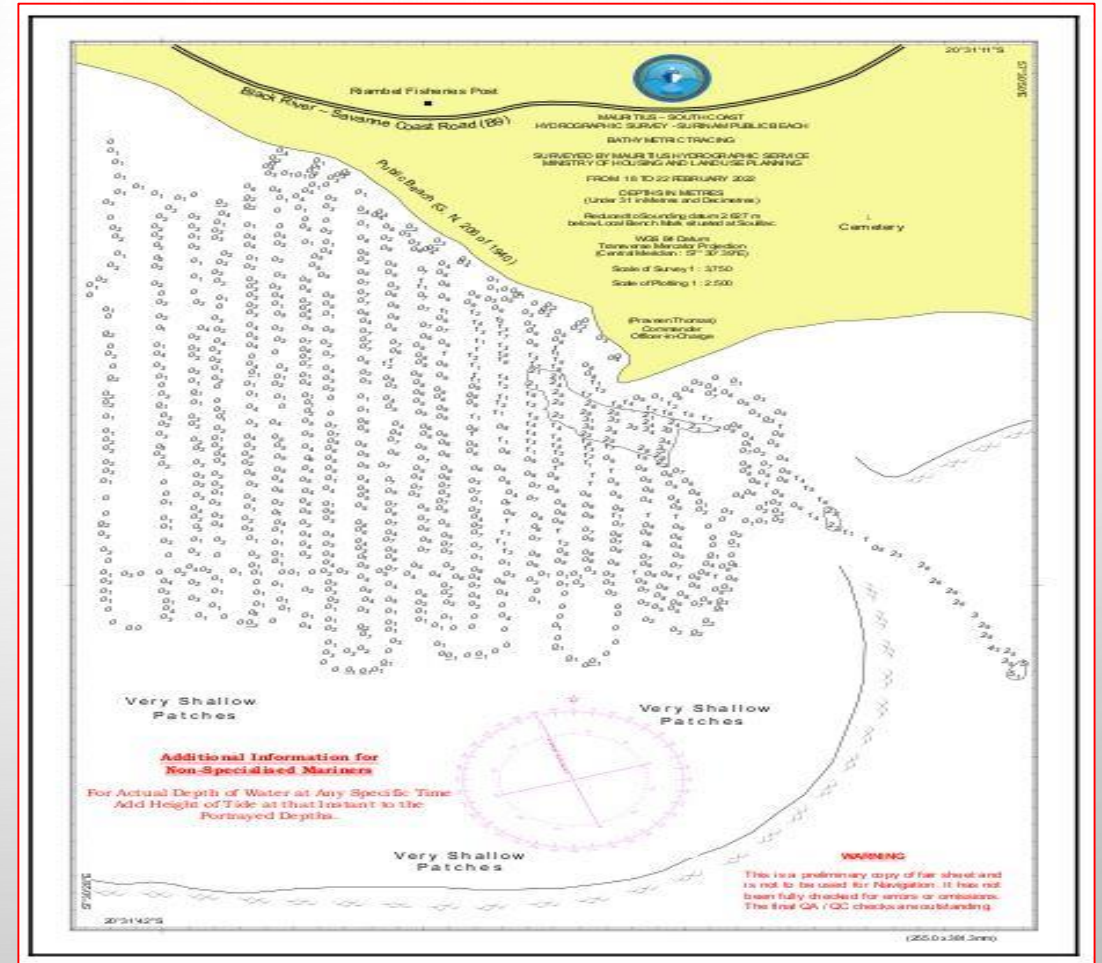
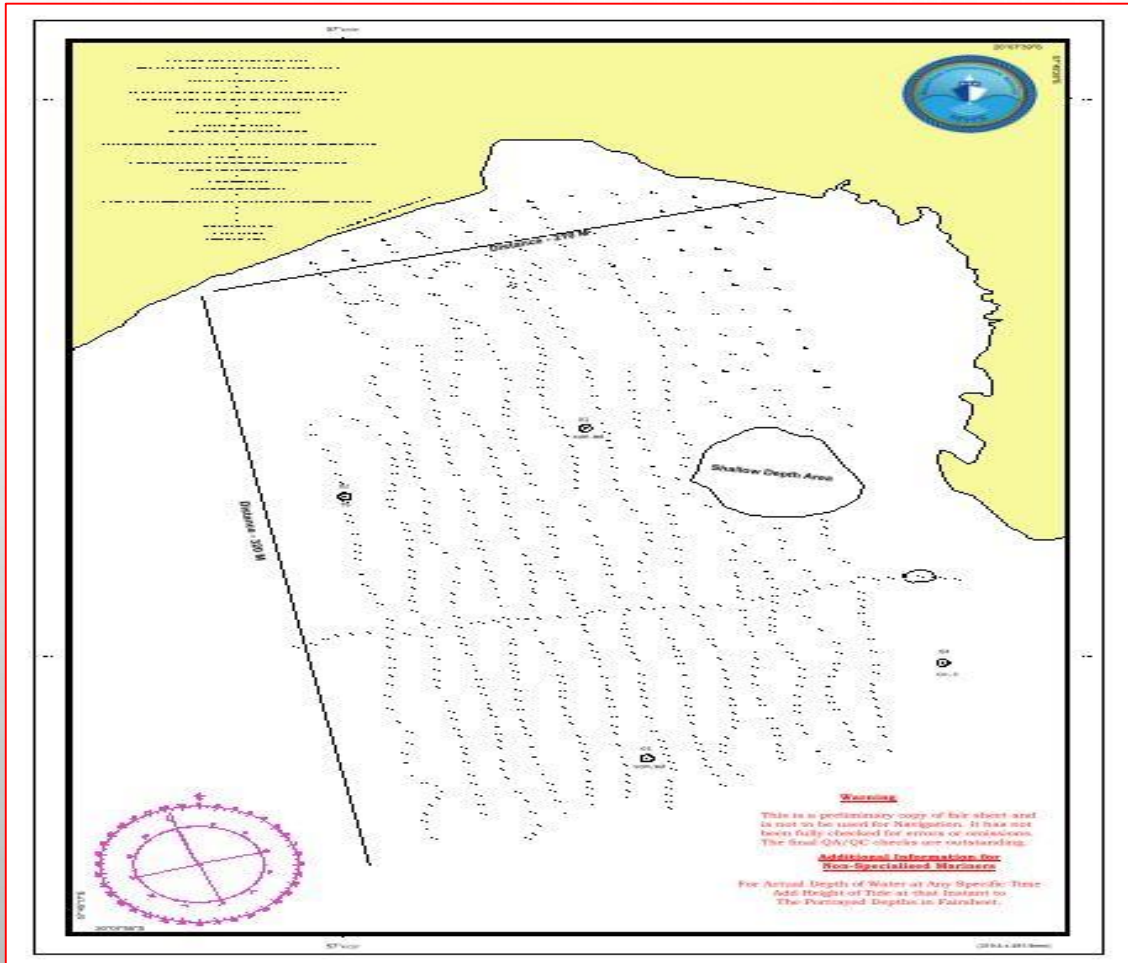


Fairsheets of Belle Mare and Palmar Regions public beach

Buoy fixing at Palmar

ACHIEVEMENTS DURING THE YEAR

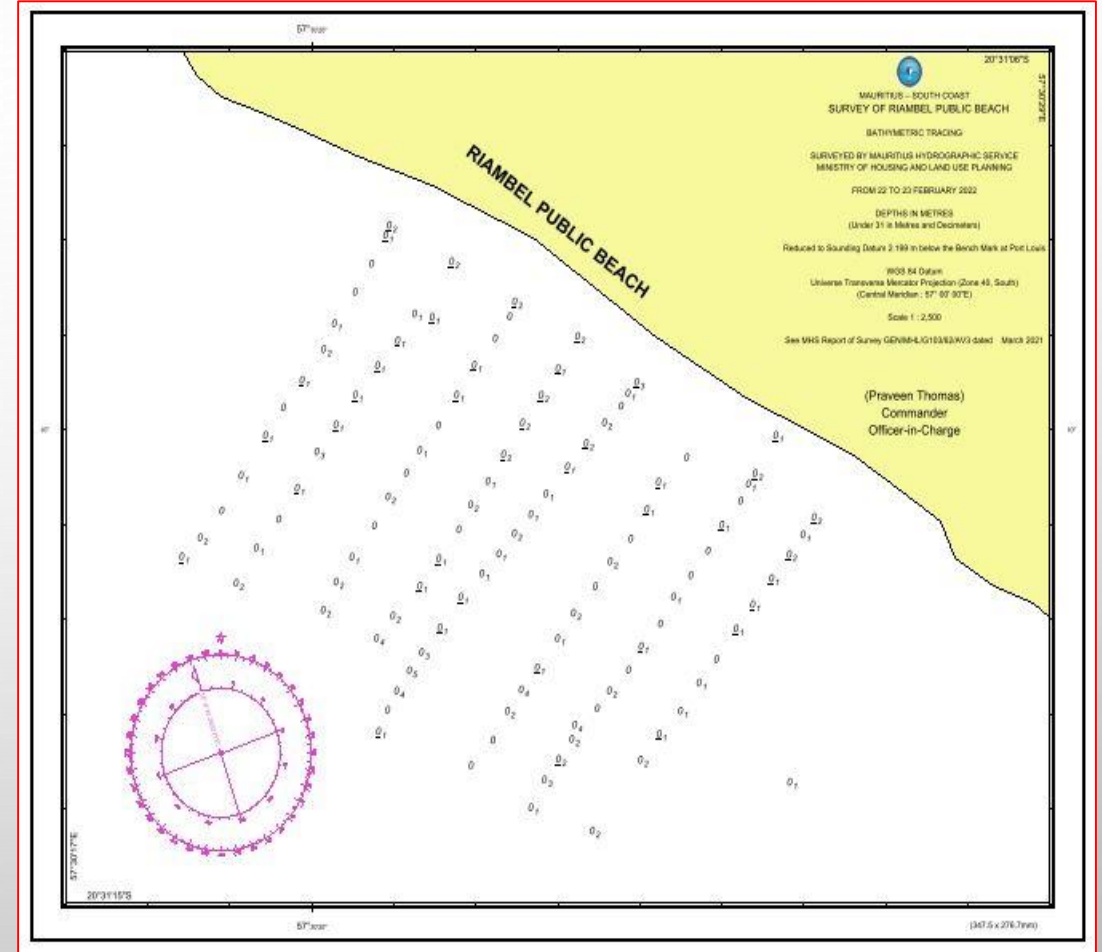
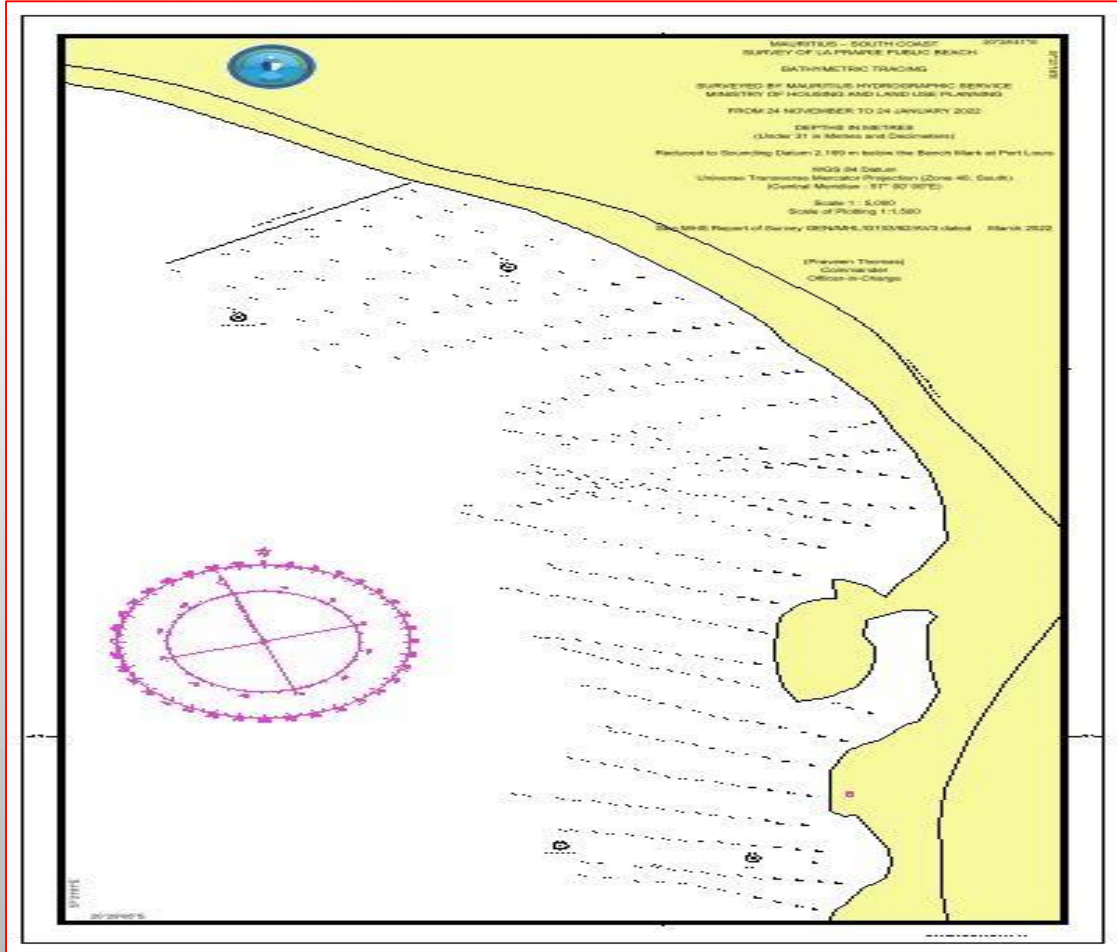
HYDROGRAPHIC SURVEY OF PUBLIC BEACHES AROUND MAURITIUS



Fairsheets of Poste la Fayette and Surinam

ACHIEVEMENTS DURING THE YEAR

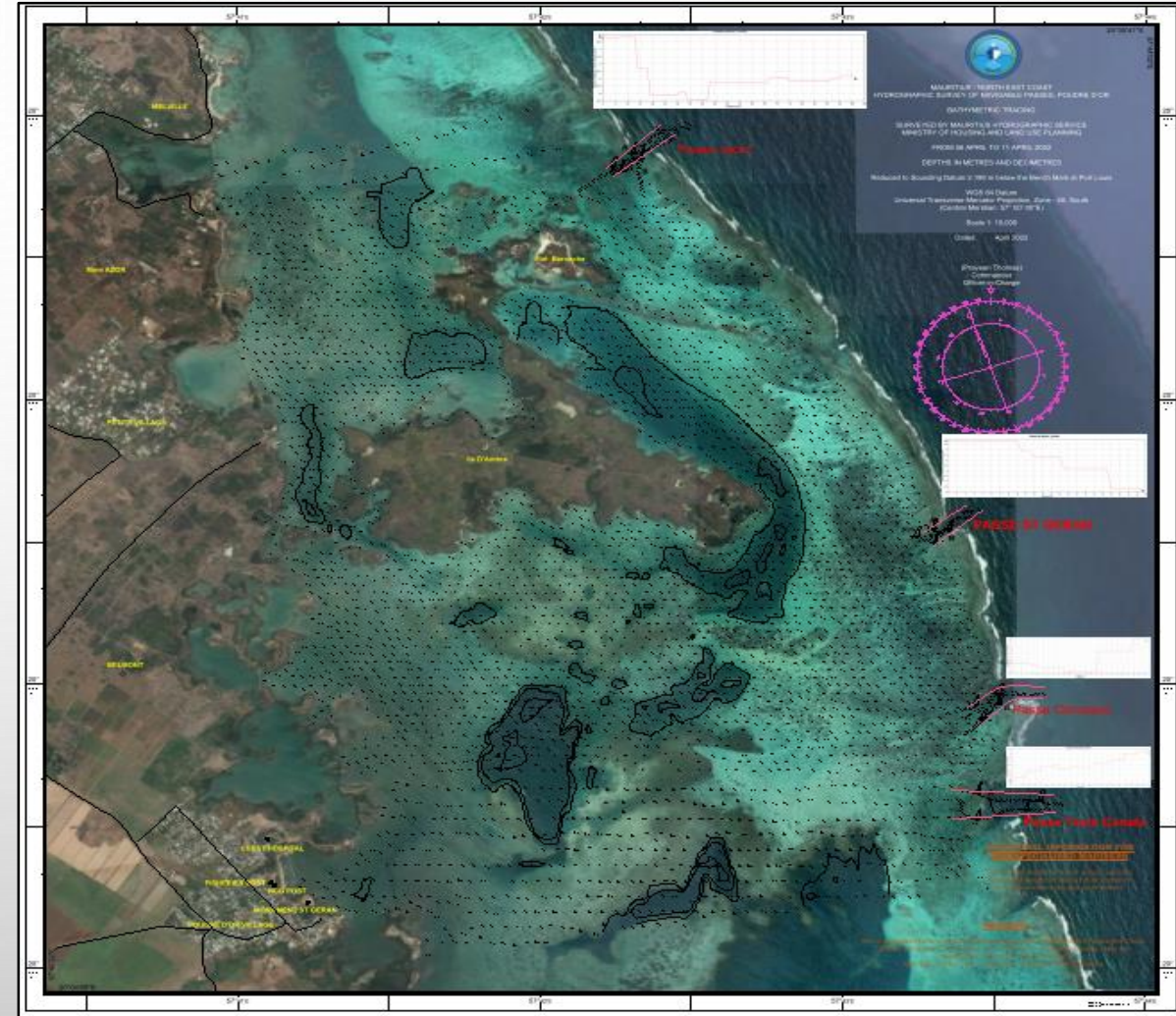
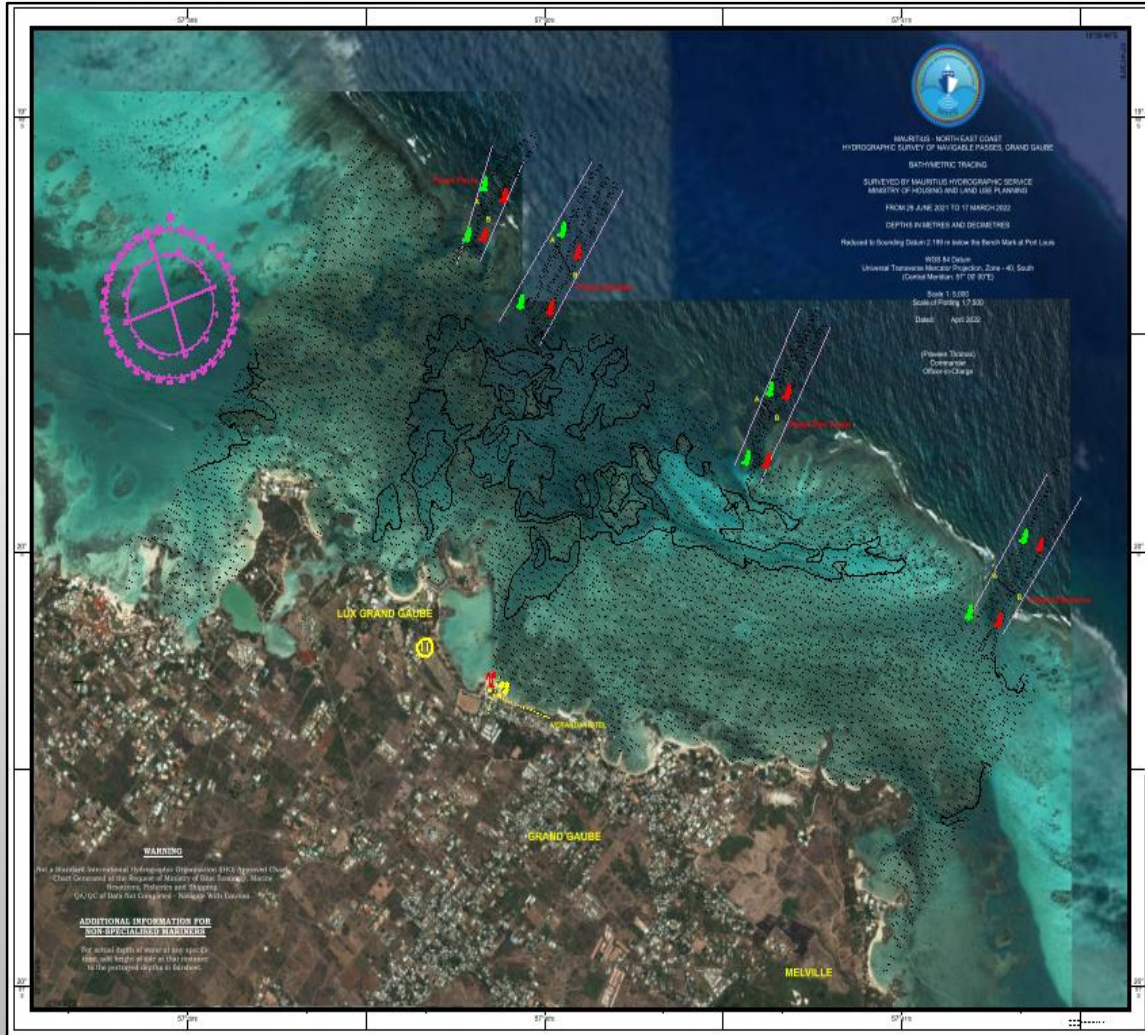
HYDROGRAPHIC SURVEY OF PUBLIC BEACHES AROUND MAURITIUS



Fairsheets of La Prairie and Riambel

ACHIEVEMENTS DURING THE YEAR

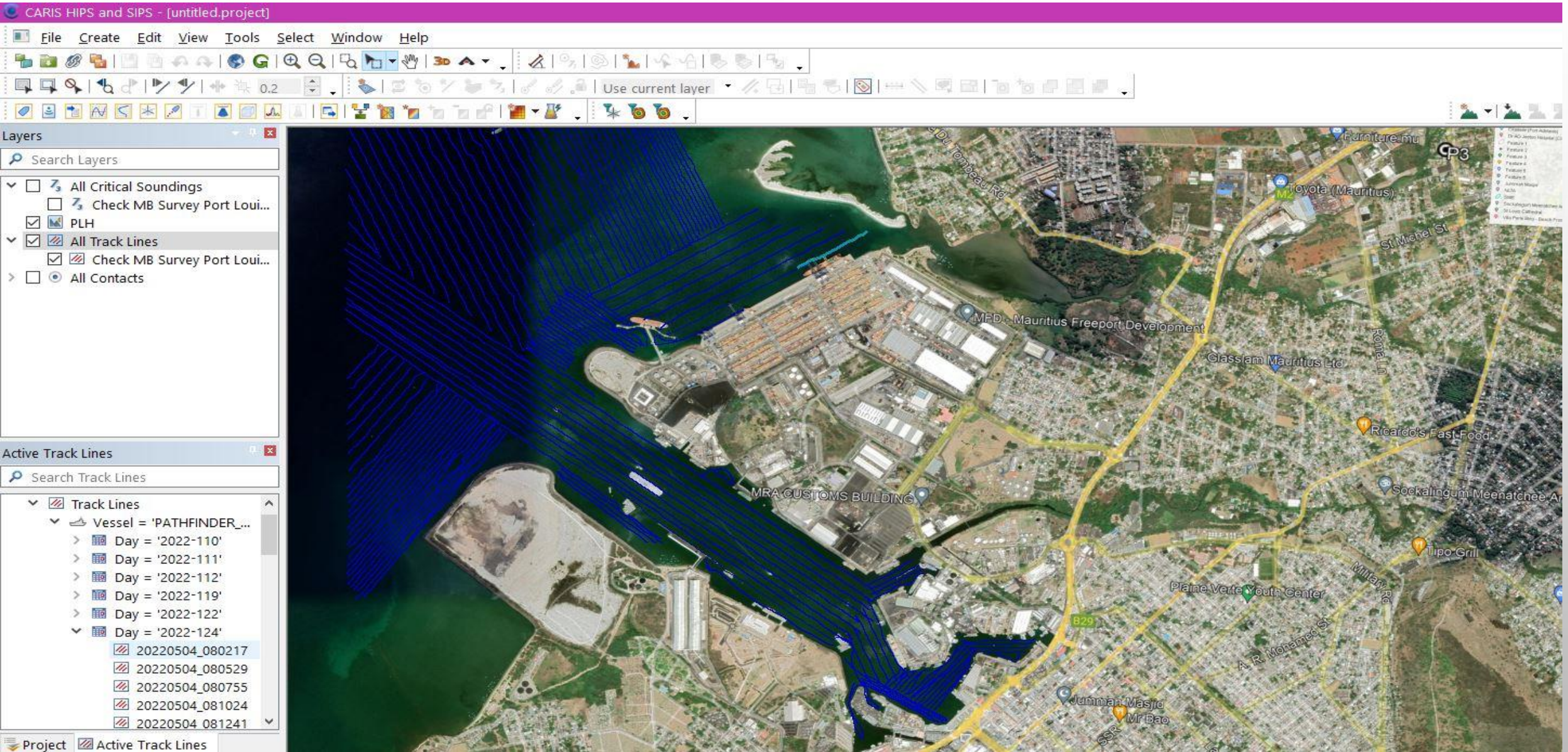
HYDROGRAPHIC SURVEY OF NAVIGATIONAL PASSES PHASE VI & VII



Fairsheet of Passes (Northern & North Eastern Regions)

ACHIEVEMENTS DURING THE YEAR

CHECK SURVEY OF PORT LOUIS HARBOUR



Check Survey of Port Louis Harbour

SURVEY UNDERTAKEN BY INS SARVEKSHAK (MARCH/ APRIL 2021)



INS Sarvekshak Berthed at Port Louis Harbour

COMPENDIUM OF SURVEY OF NAVIGABLE PASSES

ENCs and Paper Charts

(Collaboration with National
Hydrographic Office, India)

Electronic Navigation Charts - 13

Navigational Paper Charts - 11

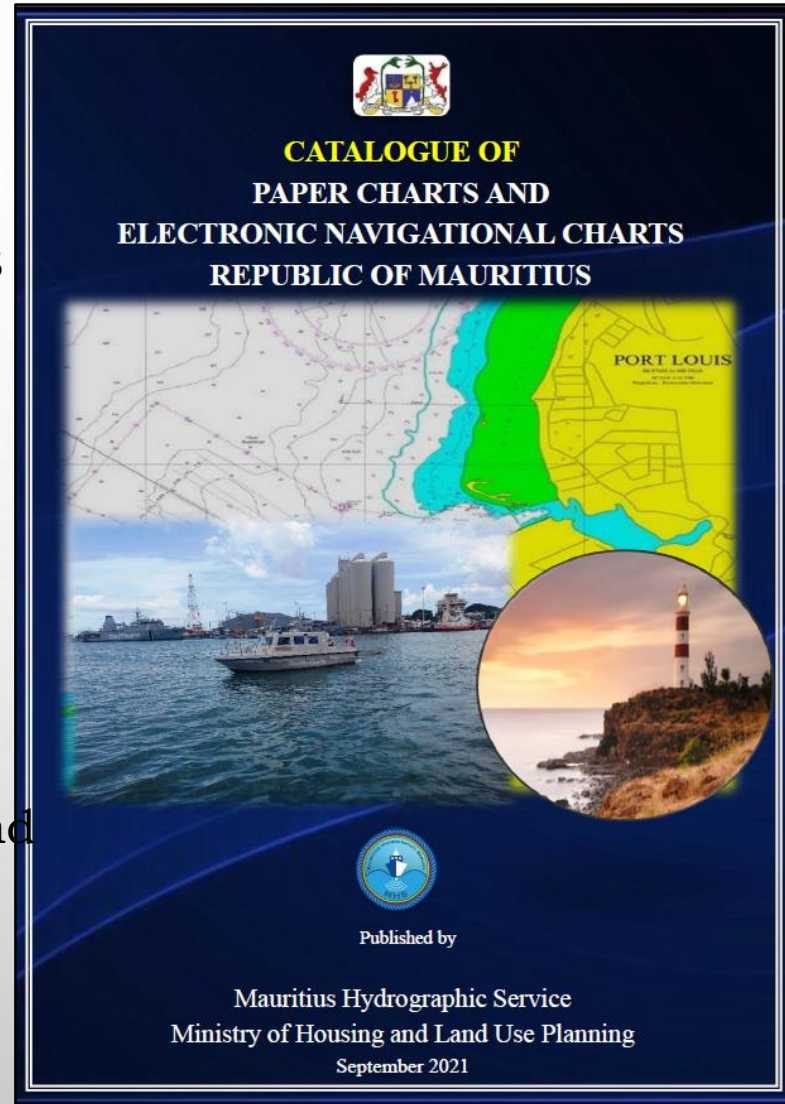
New Charts and ENCs

(added after SAIHC 17 Report)

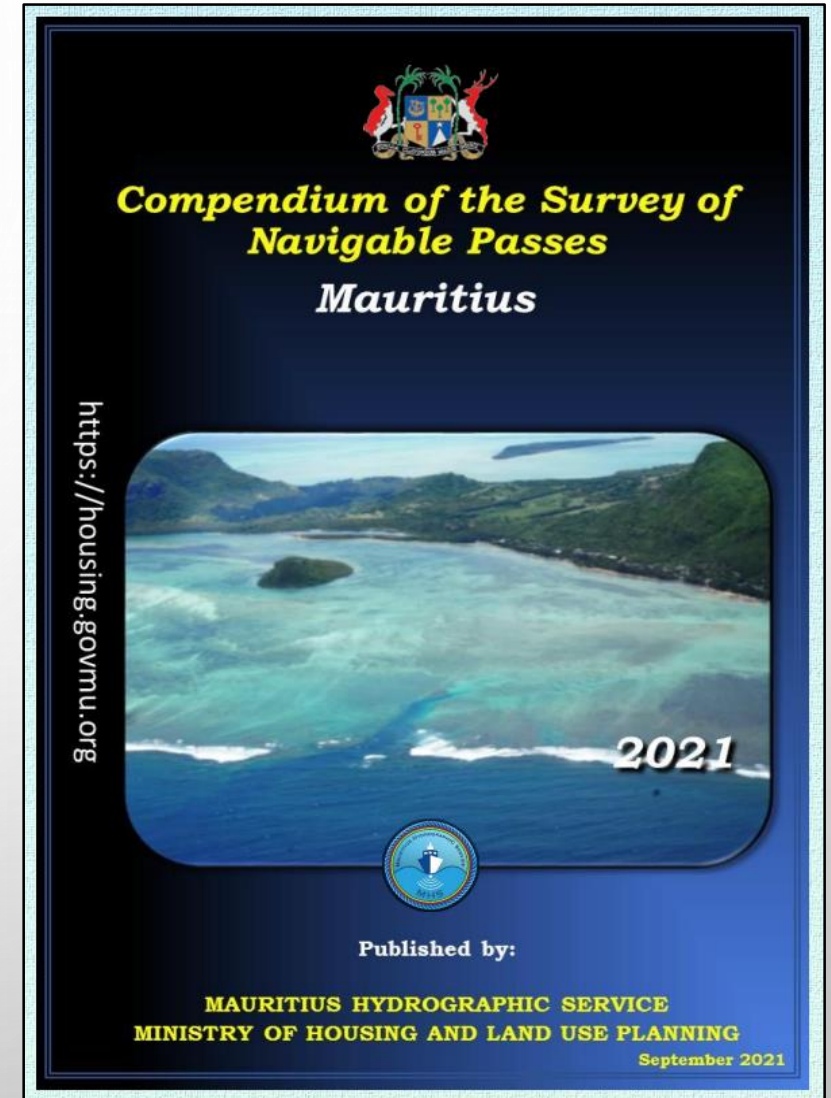
ENC Number - IN42531R

Chart Number - 2531

Chart Title - Rodrigues Island



**Catalogue of Charts
& ENCs**



**Compendium of the Survey of
Navigable Passes Mauritius**

NEW TECHNOLOGIES/EQUIPMENT



Commissioning

- ❖ **ATG – Automatic Tide Gauge**
- ❖ **SVP – Sound Velocity Profiler**



'Aquadopp' Current Meter

MARINE SPATIAL PLAN

The image displays the Ocean Observatory E-platform interface, which is a web-based platform for geospatial data. The top navigation bar includes the Ocean Observatory logo, menu items (Data, Maps, About), a search bar, and a user profile for Praveen Thomas. The main content area is divided into two columns. The left column features a header for the Republic of Mauritius - Ocean Observatory E-platform, followed by a list of activities carried out in the Maritime Zones of Mauritius, including Maritime Boundaries, Ocean Uses, Physical Oceanography, Marine Biochemical, Marine Geology and Geophysical, Satellite Oceanography, and Marine Resources. The right column displays a list of bathymetry survey data, with the selected layer 'Bathymetry - Canon Pass (Poste de Flacq)' shown in detail. This detailed view includes a map of the Canon Pass area, a metadata table, and a legend. The metadata table lists the title, license, abstract, creation date, type, keywords, category, regions, and responsible person. The legend identifies the layer as 'Bathymetry - Canon Pass'. The bottom of the interface features a footer with links to Developers, Terms of Use, and About, and a language selector set to English.

Republic of Mauritius - Ocean Observatory E-platform
Department for Continental Shelf, Maritime Zones Administration and Exploration
A platform for geospatial data to support the Marine Spatial Planning initiative of the Republic of Mauritius, including ocean exploration and sustainable development.
Welcome to the Ocean Observatory E-platform. Please read these [Terms of Use](#) carefully as they contain important information about your rights and obligations when using the Ocean Observatory E-platform as well as when contributing data that could be distributed on the E-platform.

Activities carried out in the Maritime Zones of Mauritius

- MARITIME BOUNDARIES
- OCEAN USES
- PHYSICAL OCEANOGRAPHY
- MARINE BIOCHEMICAL
- MARINE GEOLOGY AND GEOPHYSICAL
- SATELLITE OCEANOGRAPHY
- MARINE RESOURCES

Compendium of the Survey of Navigable Passes - Mauritius
PENDING APPROVAL
The document 'Compendium of the Survey of Navigable Passes, Mauritius' is a compilation of the various surveys of navigable passes undertaken by the Mauritius Hydrographic Service (MHS). The document showcases the fair sheets (plans) of the 22 passes, the surveys and plotting scale, Datum and Pro...

Bathymetry - Passe Pereybere
The polygon shows the footprint of bathymetry survey coverage of Passe Pereybere near Cap Malheureux in Mauritius. The survey (Hydrographic instructions: HI/HU/06/2014-15 - Phase IV) was conducted by the Mauritius Hydrographic Service (MHS) from May to December 2017 as per Order-1b, in accordance w...

Bathymetry - Canon Pass (Poste de Flacq)
The polygon shows the footprint of bathymetry survey coverage of Passe Canon near Poste de Flacq in Mauritius. The survey (Hydrographic instructions: HI/HU/06/2014-15 - Phase V) was conducted by the Mauritius Hydrographic Service (MHS) from October 2019 to March 2020 as per Order-1b, in accordance...

Bathymetry - Passe Harmony Channel
The polygon shows the footprint of bathymetry survey coverage of Passe Harmony near Petite Rivière Noire in Mauritius. The survey (Hydrographic instructions: HI/HU/06/2014-15 - Phase II) was conducted by the Mauritius Hydrographic Service (MHS) from March to August 2016 as per Order-1b, in accordance...

Bathymetry - Canon Pass (Poste de Flacq)
Title: Bathymetry - Canon Pass (Poste de Flacq)
License: Not Specified
Abstract: The polygon shows the footprint of bathymetry survey coverage of Passe Canon near Poste de Flacq in Mauritius. The survey (Hydrographic instructions: HI/HU/06/2014-15 - Phase V) was conducted by the Mauritius Hydrographic Service (MHS) from October 2019 to March 2020 as per Order-1b, in accordance with SP-44 (5th edition) at 1:5,000 scale.
For more information, see the accompanying reports - 'Compendium of the Survey of Navigable Passes, Mauritius' and 'HI/HU/06/2014-15-Phase V Canon Pass (Poste de Flacq)'.
For access to the data, please contact the Mauritius Hydrographic Service under the Ministry of Housing and Land Use Planning.
Creation Date: Jan. 25, 2021, midnight
Type: Vector Data
Keywords: Bathymetry, HI/HU/06/2014-15 - Phase V, MHL, MHS, Passes, single-beam, Elevation
Category: Marine Geology and Geophysical Data
Regions: Mauritius
Responsible: admin
More info: -

Legend
CANON PASS Footprint
Bathymetry - Canon Pass

Maps using this layer
List of maps using this layer:
Bathymetry - Mauritius
Bathymetry - Survey of Navigable Passes, Mauritius

Create a map using this layer
Click the button below to generate a new map based on this layer.
Create a Map

Documents related to this layer
List of documents related to this layer:
Bathymetric survey report: HI/HU/06/2014-15-Phase V Canon Pass (Poste de Flacq)
Compendium of the Survey of Navigable Passes - Mauritius

Styles
The following styles are associated with this layer.
Choose a style to view its metadata.

Developers | Terms of Use | About | Powered by GeoNode version 3.0.0 | English

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

CAPACITY BUILDING

Course Completed in 2021

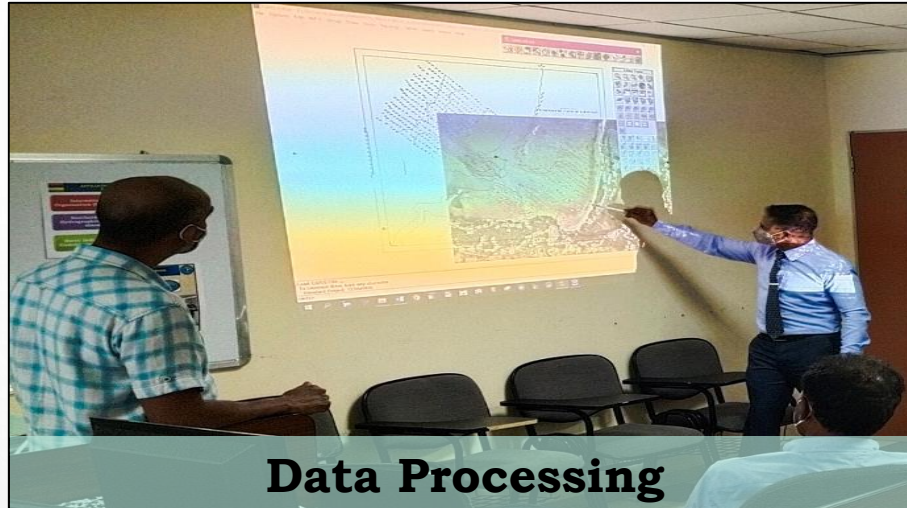
- ❖ Nautical Cartography – NHO India (Paper Chart and ENC Production)
- ❖ Training for Trainers by IHO

Capacity Building

- ❖ Nautical Cartography (Paper Chart and ENC Production)
- ❖ Cat 'A' and Cat 'B' Courses
- ❖ Electronic Survey Equipment Orientation Course



HYDROGRAPHIC TRAINING TO STAKEHOLDERS



PARTICIPATION IN NATIONAL PRODUCTIVITY QUALITY CONVENTION



CHALLENGES

MAINTAINANCE AND REPAIR OF EQUIPMENT

- **Limited local representative of OEM for Survey Equipment**
- **Limited support towards repair of survey vessel, engines, DA and associated accessories**

ACTIONS REQUESTED FROM SAIHC 18

SAIHC to Note this Presentation

SAIHC to Note the Accompanying Country Report

Thank you

