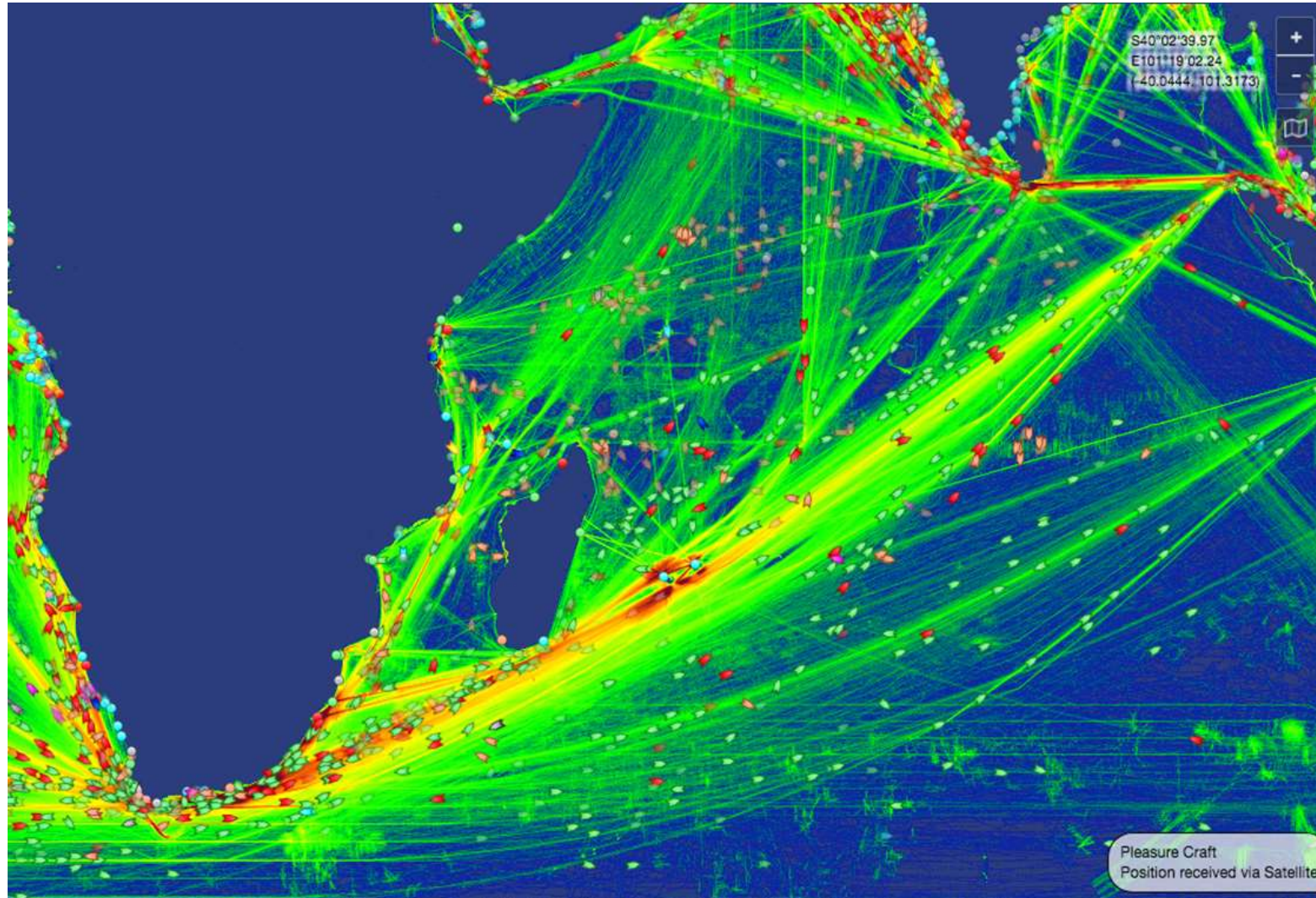


# Mauritius – building critical mass towards a sustainable maritime services hub



# The passing traffic > 35,000 vessels



# Port Louis – Vessel traffic (2016)

Vessel Type	Number
Container vessels	567
Dry Bulk Carriers	56
Tankers	141*
General Cargo vessels	101
Fishing Vessels	977*
Cruise vessels	28*
Others	1,064
Total	2,934

**This equals less than 10% of passing traffic**

# How does one attract the passing traffic

By creating a critical mass of service offerings that address –

- Time
- Range of Services
- Quality
- Reliability
- Cost

Which gives the shipowner a reason to stop in Mauritius to take advantage of such services

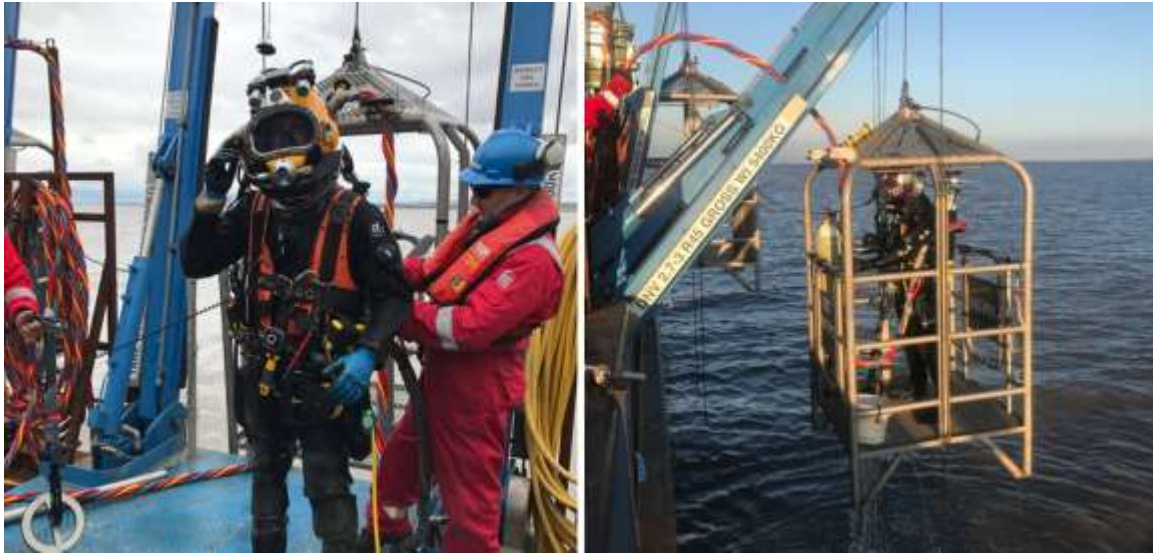
# Typical services offered

- Bunkering
- Subsea
- Inspections
- STS Operations
- Cargo Splitting
- Hydrographic Survey
- Dredging
- Off Port Limits (OPL) services
- Ships Husbandry
- Slops/Sludge removal
- Ballast water and tank cleaning
- Ship Repair

# Typical services offered

- Marine Support Services
- Marine and Cargo Survey
- Pollution Abatement
- Heavy Lift
- Pumping and Fluid Transfer
- Chandelling
- Ships Agency
- Import/Export
- Clearing and Forwarding
- Transport and Logistics
- Warehousing

# Subsea



- Underwater inspections and surveys
- Environmentally compliant hull cleaning
- Underwater repairs
- CCTV UWILD surveys
- VP propeller blade changes
- Propeller cropping
- Cofferdams
- Dry dock extension surveys
- Underwater cutting & welding
- Thruster removal and change out
- Saturation diving
- ROV Operations

# Inspections



- Ultrasonic Thickness Measurements (UTM)
- Anchor Chain Calibration (AC)
- Closed-Circuit Television (CCTV)
- Magnetic Particle Inspection (MPI)
- Ultrasonic Flaw Detection (UT)
- Dye-Penetrant Inspection (PT)
- Vacuum Box Testing (VT)
- Confined Space Atmospheric Testing (GD)
- Radiographic Texting (X-Ray) (RT)
- Rope Access (RA)



# Marine Casualty Response



- Marine emergency response
- Hydrographic surveys
- Diving services
- Underwater survey/video Inspection
- Marine salvage consultancy
- Cargo lightening
- Pumping services
- Environmental care/pollution control
- Underwater bunker/cargo removal

# STS Operations



- Transfer of cargo between seagoing ships positioned alongside each other, either while stationary or underway.
- Cargoes typically transferred via STS methods include crude oil, liquefied gas (LPG or LNG), bulk cargo, and petroleum products.

# Off Port Limits Services



- Crew Transfers
- Slops/Sludge removal
- Ballast water and tank cleaning
- Stores transfer

# Hydrographic Survey



- **Single & Multibeam bathymetric survey**
- **Side-scan sonar survey**
- **Single channel seismic survey**
- **Magnetometer survey**
- **Cable route survey**
- **Harbour development & debris survey**
- **Wreck and pipeline survey**
- **Scientific diving survey**

# Putting Mauritius on the shipowner's map



- Needs the collective effort of all stakeholder groups
- A collective marketing “net” needs to be created and utilised
- Competition will ensure that standards are maintained and improved
- New services will increase the depth of the service offering to shipowners – making Port Louis a true “one-stop-shop”

# Helping to create a critical mass of services



## Mauritius Maritime Services Hub



The Subtech Group offers clients a comprehensive solution to all their maritime related requirements, through innovation and a wealth of industry experience.



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