



EU INDIAN OCEAN REGION
SOUTH & SOUTHEAST ASIA
CRIMARIO

**CRIMARIO PRESENTATION
DCoC (JA) Dubai HL Meeting
29 June 2022**



**Martin Cauchi Inglott
Project Director**



CRIMARIO II, part of the Critical Maritime Routes Programme,
is an European Union initiative implemented by Expertise France



DCoC (JA) - 2021: To improve regional maritime domain awareness (MDA) and maritime safety and security through dissemination of reliable information-sharing on incidents of maritime crimes like piracy and armed robbery; illegal, unreported, and unregulated (IUU) fishing; illicit trades; human smuggling; and maritime terrorism.

Vision

- DCoC members' national agencies cooperate in sharing information through NMISCs
- Friends of the DCoC cooperate in sharing information through MOUs established with NMISCs and regional centres
- Analysis of incidents by regional centres distinguishes patterns in illicit maritime activities and supports disruption of maritime crime by guiding regional policy decisions

CRIMARIO - 2020: To enhance maritime security and safety through (promoting) cross-sectoral, inter-agency and cross-regional cooperation by:

- Enhancing information exchange and analysis, and crisis management
- Strengthening inter-agency maritime surveillance, policing, investigation and judiciary.



- CRIMARIO offers tailor-made solutions
 - Expertise
 - Mentoring, courses, training and exercises.
 - MDA and info-exchange software
 - IORIS and the SHARE.IT
 - Surveillance
 - Satellite Data



MARSIC - 2011

- **Yemen** - DCoC Regional Maritime Information Centre
- **Mombasa** - DCOC Information Sharing Centre
- **Dar es Salaam** - Information Sharing Centre
- **Djibouti** Regional Training Centre.

CRIMARIO I - 2015

- IORIS in 2018
- Euro 5.5 Million

CRIMARIO II 2020 – 2025

- Euro 7.5 million + Euro 10 Million

INTEGRATED FUNCTIONALITIES

COORDINATION



Advanced mapping
+ vessel intercept



Documents
and forms

COMMUNICATIONS



Messaging,
chat and alerts



Voice
communication

IORIS

MARITIME OPERATIONAL
COORDINATION
& COMMUNICATIONS
PLATFORM

DEDICATED AREAS ADAPTABLE TO:

INTER-REGIONAL LEVEL
(eg. Country 1, Country 2, Country 3)



NATIONAL AGENCIES
(eg. Customs, Coast Guard, Navy,
Fishery, Police, etc.)



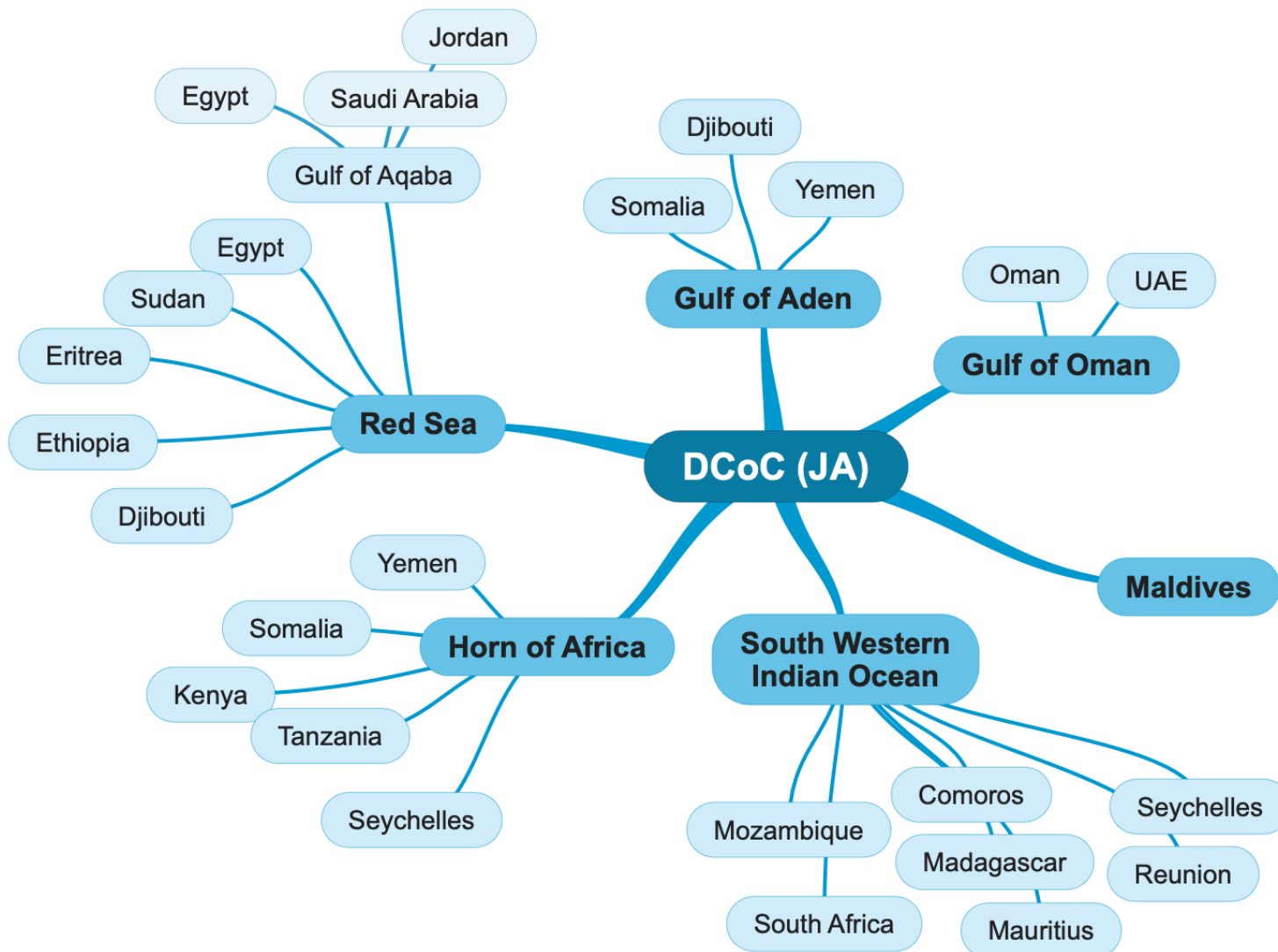
MULTIPLE DOMAINS
(eg. pollution control, illegal fishing, drug trafficking)



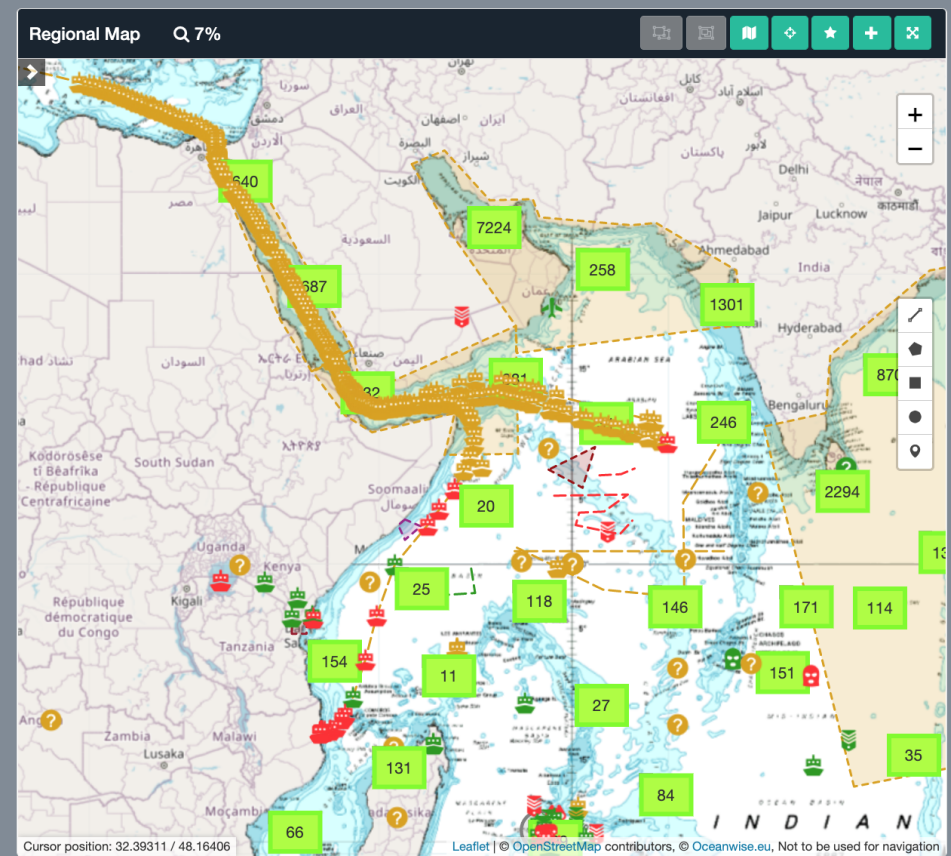
Address Dark Targets

- Satellite Data
 - Imagery
 - Identification of Radio frequencies
- EU funds
 - Purchase data from commercial sources





DCoC (JA) HOLISTIC COMMUNITY AREA



Messages Forms Documents Active Users Markers

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New marker added - Tag Name - : Cargo suspicious

EU CRIMARIO (Glen Forbes - IORIS Coordinator) 2022-06-26 09:16:25 UTC

Cargo suspicious Added By Glen Forbes - IORIS Coordinator
Suspect vessel last sighted heading towards Maldives.
*****Marker Data Start*****
Marker Source Type: Collaboration Center Markers
Marker Type: Ship of Interest
Longitude: 52.9824686050415
Latitude: 7.50228055747977
Heading: 090°
Speed: 15
Time of fix: 2022-06-26 10:16 UTC
Radius:0M
*****Marker Data End*****

Marker has been archived

BCN (Neil Smith) 2022-06-24 15:49:35 UTC

Form Approved: Test 2

EU CRIMARIO (Glen Forbes - IORIS Coordinator) 2022-05-19 20:18:02 UTC

1 replied

New User

EU CRIMARIO (Alexandru Chiric) 2022-06-01 14:20:02 UTC

2 replied

Document approved: 'Capture_d.PNG'

EU CRIMARIO (Glen Forbes - IORIS Coordinator) 2022-05-19 20:32:09 UTC

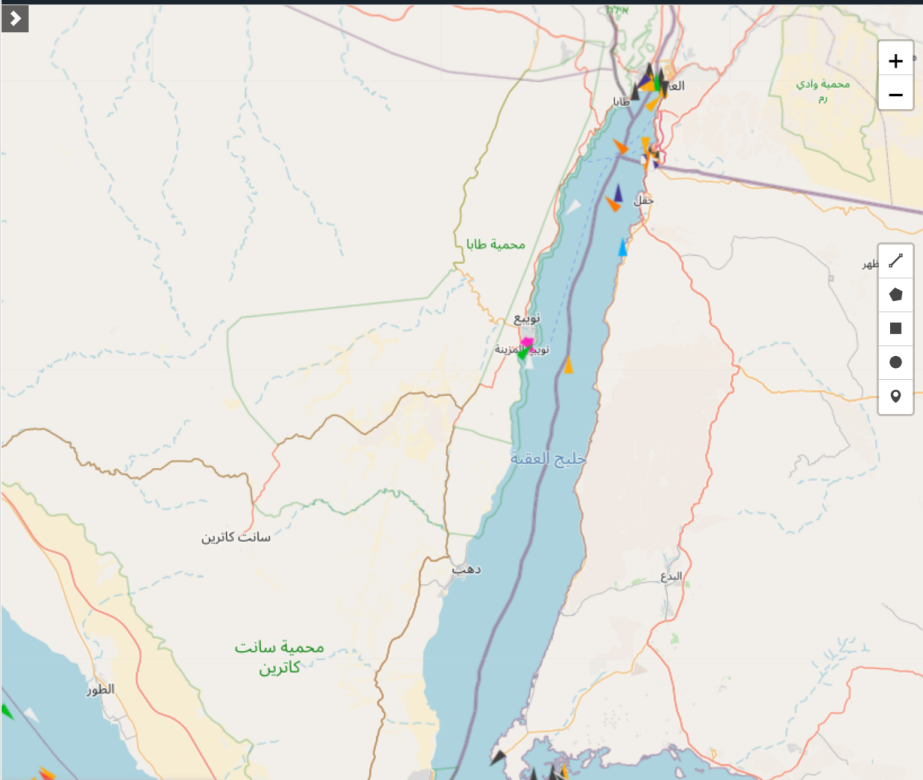
Document approved: 'Capture_d.PNG'

EU CRIMARIO (Glen Forbes - IORIS Coordinator) 2022-05-19 20:32:01 UTC

New marker added - Tag Name - : tess222

GULF OF AQABA

Regional Map 43%



Cursor position: 29.03934 / 34.33228
 Leaflet | © OpenStreetMap contributors, © Oceanwise.eu, Not to be used for navigation

Messages Forms Documents Active Users Markers

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Hazardous Cargo Warning

EU CRIMARIO (Glen Forbes - IORIS Coordinator) 2022-06-26 09:48:55 UTC

MRCR Nonsuch reports possible sighting of hazardous cargo vessel may have caused an oil spill following failure to alter course towards reefs off Mauritius. More details to be posted when known.

Translation: مرقر نونش رپورتس بوسبل سائینگ آف هازاردس كارجو فيسل مای هاف كاون ان اویل سپیل فولوینگ فیلیر تو آلیر كورس توفورس ریفز آف موریتوس. مور دیتیلز توبی پوسٹد وین كینون.

Disclaimer: Translations should not be used to make strategic decisions

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Radius:OM

*****Marker Data End*****

Translation: البضائع التي أضيفت من قبل غلين فوربس - منسق آخر مرة شوهدت فيها سفينة مشبوهة متجهة نحو جزر المالديف.

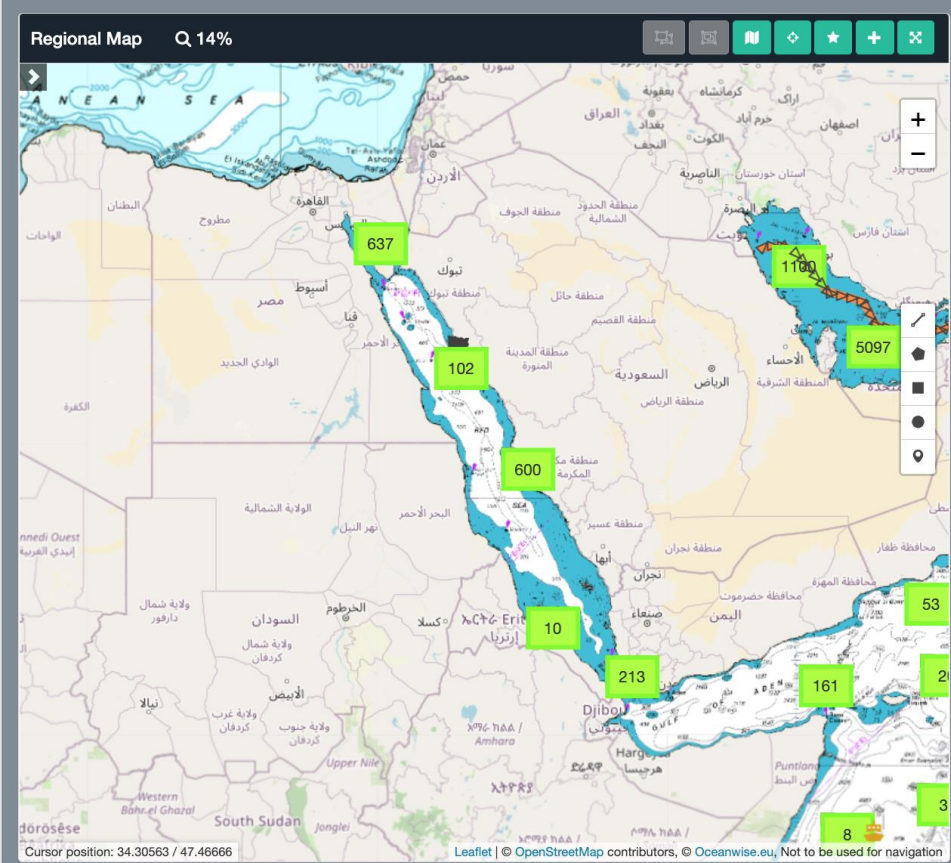
Disclaimer: Translations should not be used to make strategic decisions

Marker has been archived

BCN (Neil Smith) 2022-06-24 15:49:35 UTC



RED SEA



Messages Forms Documents Active Users Markers
 Add New Message Export messages Show All Search | Filter Q

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 EU CRIMARIO (Glen Forbes - IORIS Coordinator) 2022-06-26 09:48:55 UTC

MRCC Nonsuch reports possible sighting of hazardous cargo vessel may have caused an oil spill following failure to alter course towards reefs off Mauritius. More details to be posted when known.

Translation: MRCC الشجاعة تقارير غير من هذا القبيل قد تكون رؤية محتملة لسفينة شحن خطيرة قد تسببت في تسرب نفطي بعد الفشل في تغيير المسار نحو الشعاب المرجانية قبالة موريشيوس. سيتم نشر المزيد من التفاصيل عندما تكون معروفة.

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 Radius:0M

*****Marker Data End*****

Translation: البضائع التي أضيفت من قبل غلين فوربس - منسق IORIS البضائع التي أضيفت من قبل غلين فوربس - منسق IORIS آخر مرة شوهدت فيها سفينة مشبوهة متجهة نحو جزر المالديف.

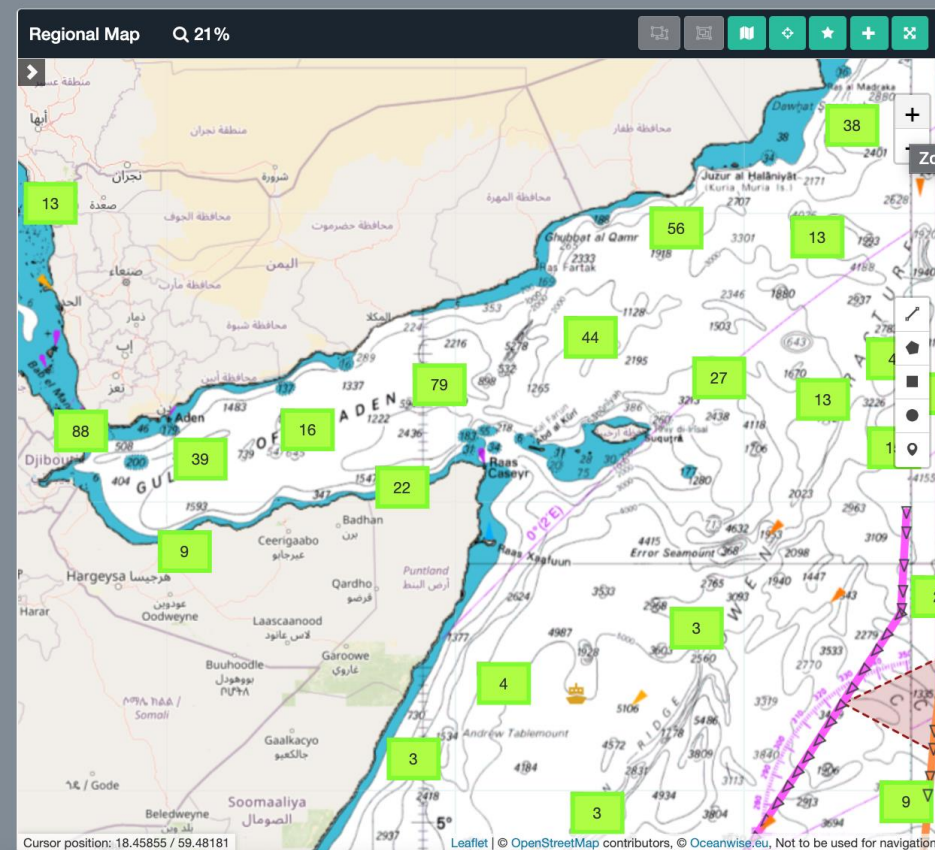
Disclaimer: Translations should not be used to make strategic decisions

Marker has been archived
 BCN (Neil Smith) 2022-06-24 15:49:35 UTC

New User



GULF OF ADEN



Messages Forms Documents Active Users Markers

Add New Message + Export messages Show All

en Search | Filter Q

Hazardous Cargo Warning

EU CRIMARIO (Glen Forbes - IORIS Coordinator) 2022-06-26 09:48:55 UTC

MRCO Nonsuch reports possible sighting of hazardous cargo vessel may have caused an oil spill following failure to alter course towards reefs off Mauritius. More details to be posted when known.

Translation: MRCO نونشوب أبلغ برصد سفينة محتملة لسفينة شحن خطيرة قد تسببت في تسرب نفطي بعد الفشل في تغيير المسار نحو الشعاب المرجانية قبالة موريشيوس. سيتم نشر المزيد من التفاصيل عندما تكون معروفة.

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Translation: مرسك إوريوس التي أضيفت من قبل غلين فوربس - منسق
آخر مرة شوهدت فيها سفينة مشبوهة متجهة نحو جزر المالديف

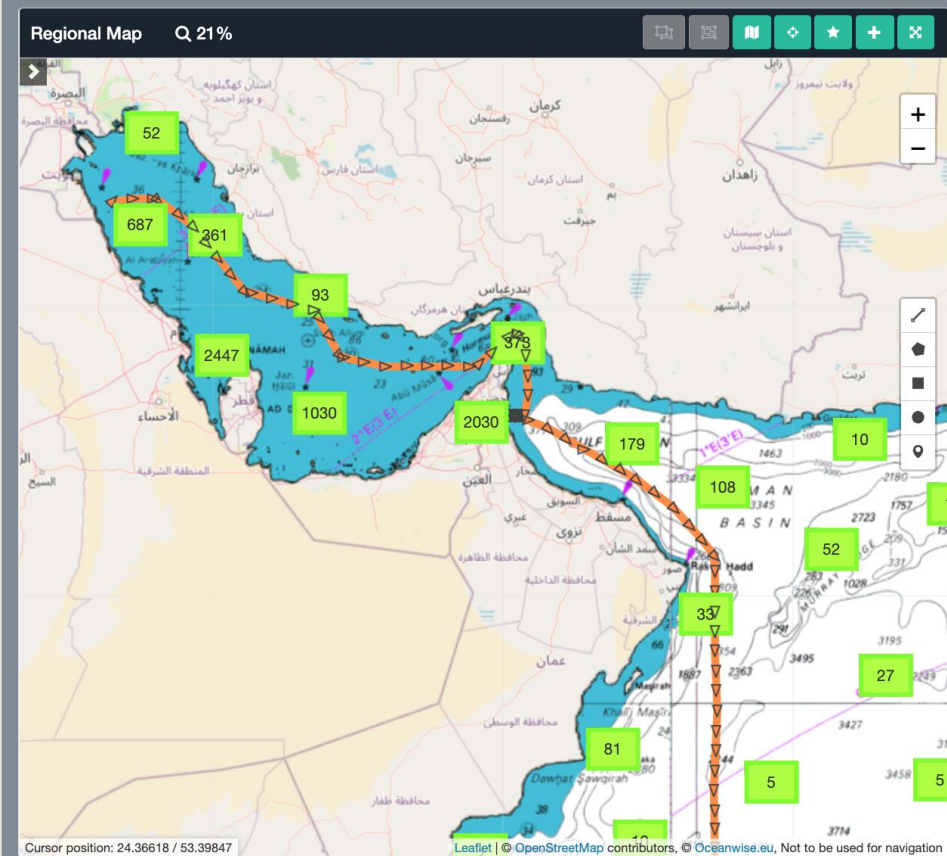
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BCN (Neil Smith) 2022-06-24 15:49:35 UTC

New User

GULF OF OMAN



Messages Forms Documents Active Users Markers

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en Search | Filter Q

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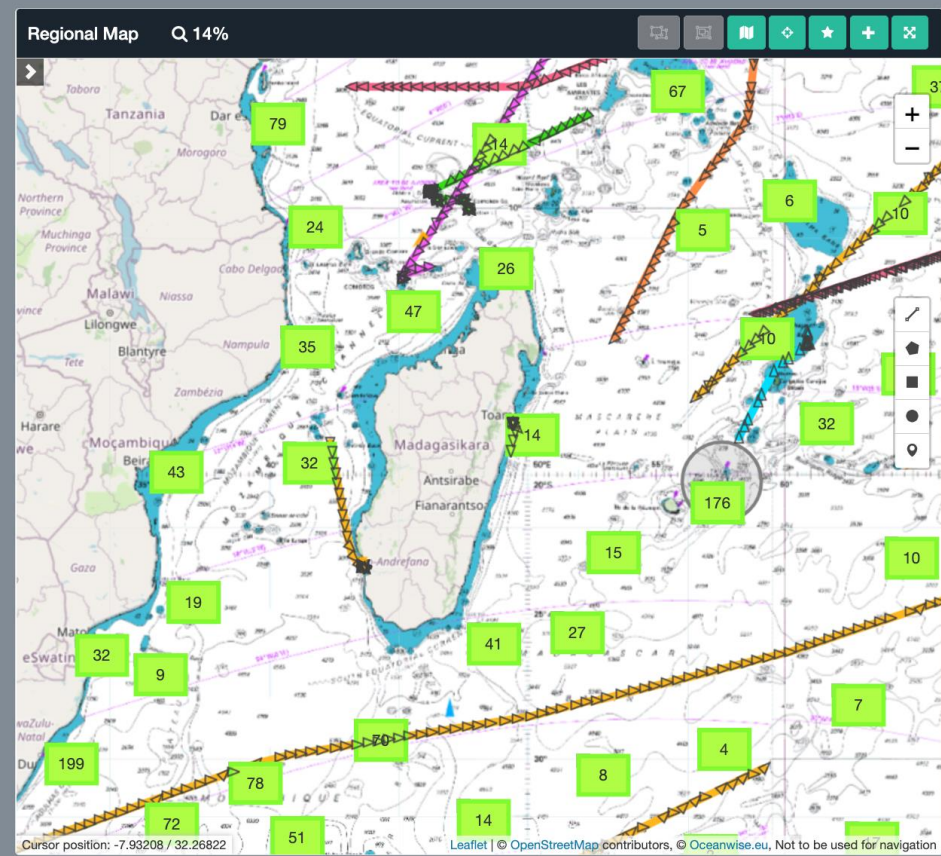
Marker has been archived

BCN (Neil Smith) 2022-06-24 15:49:35 UTC

New User




SOUTH WESTERN INDIAN OCEAN



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Hazardous Cargo Warning



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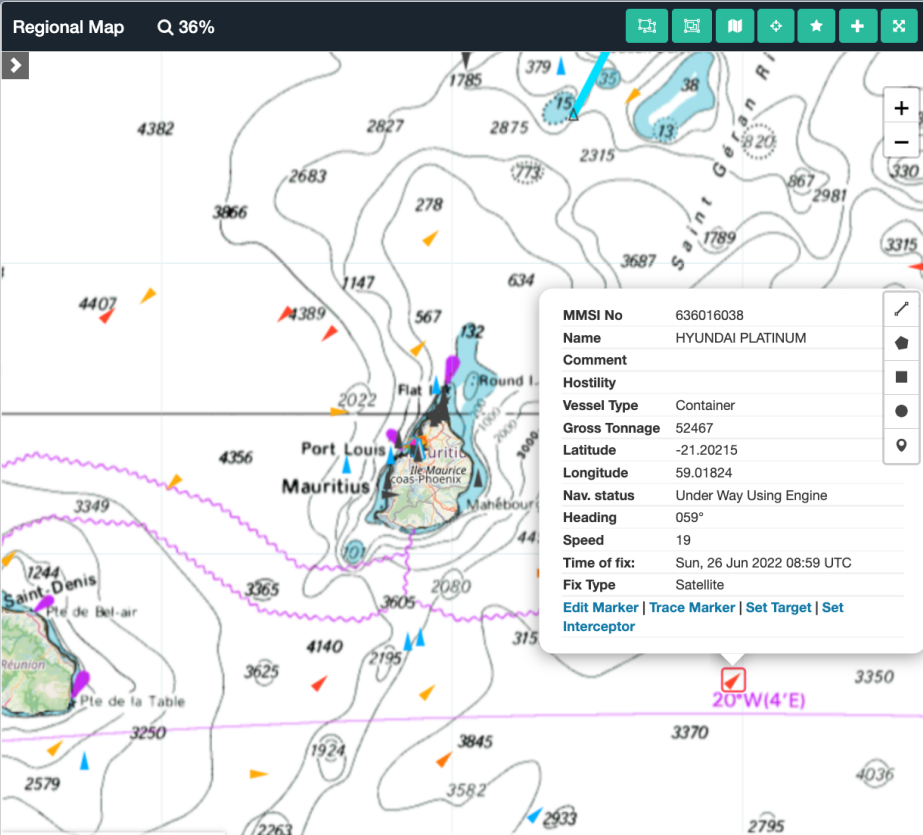
Marker has been archived


BCN (Neil Smith) 2022-06-24 15:49:35 UTC

New User

AIS Vessel Identification

Regional Map 36%



MMSI No	636016038
Name	HYUNDAI PLATINUM
Comment	
Hostility	
Vessel Type	Container
Gross Tonnage	52467
Latitude	-21.20215
Longitude	59.01824
Nav. status	Under Way Using Engine
Heading	059°
Speed	19
Time of fix:	Sun, 26 Jun 2022 08:59 UTC
Fix Type	Satellite

[Edit Marker](#) | [Trace Marker](#) | [Set Target](#) | [Set Interceptor](#)

Cursor position: -21.18735 / 56.79889

Leaflet | © OpenStreetMap contributors, © Oceanwise.eu, Not to be used for navigation

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Marker has been archived

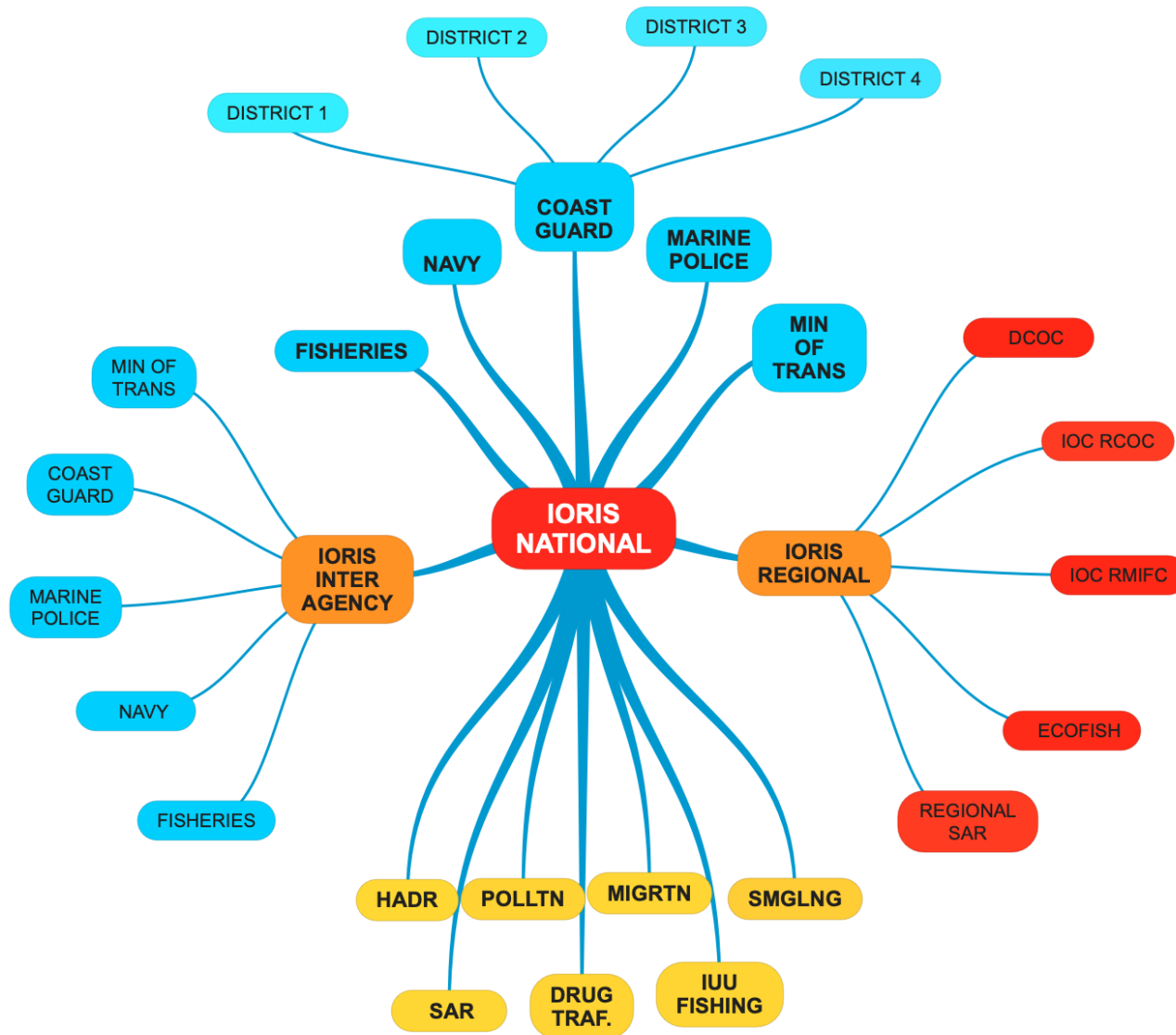
BCN (Neil Smith) 2022-06-24 15:49:35 UTC

New User



POTENTIAL COMMUNITY AREAS

- D.Blue
 - Authorities
- Orange
 - Interagency
 - Regional
- L.Blue
 - Districts
- Red
 - Regional
- Mustard (Cases)
 - Drug
 - Migration
 - Fishing
 - SAR







EU Strategy for **Cooperation** in the Indo Pacific

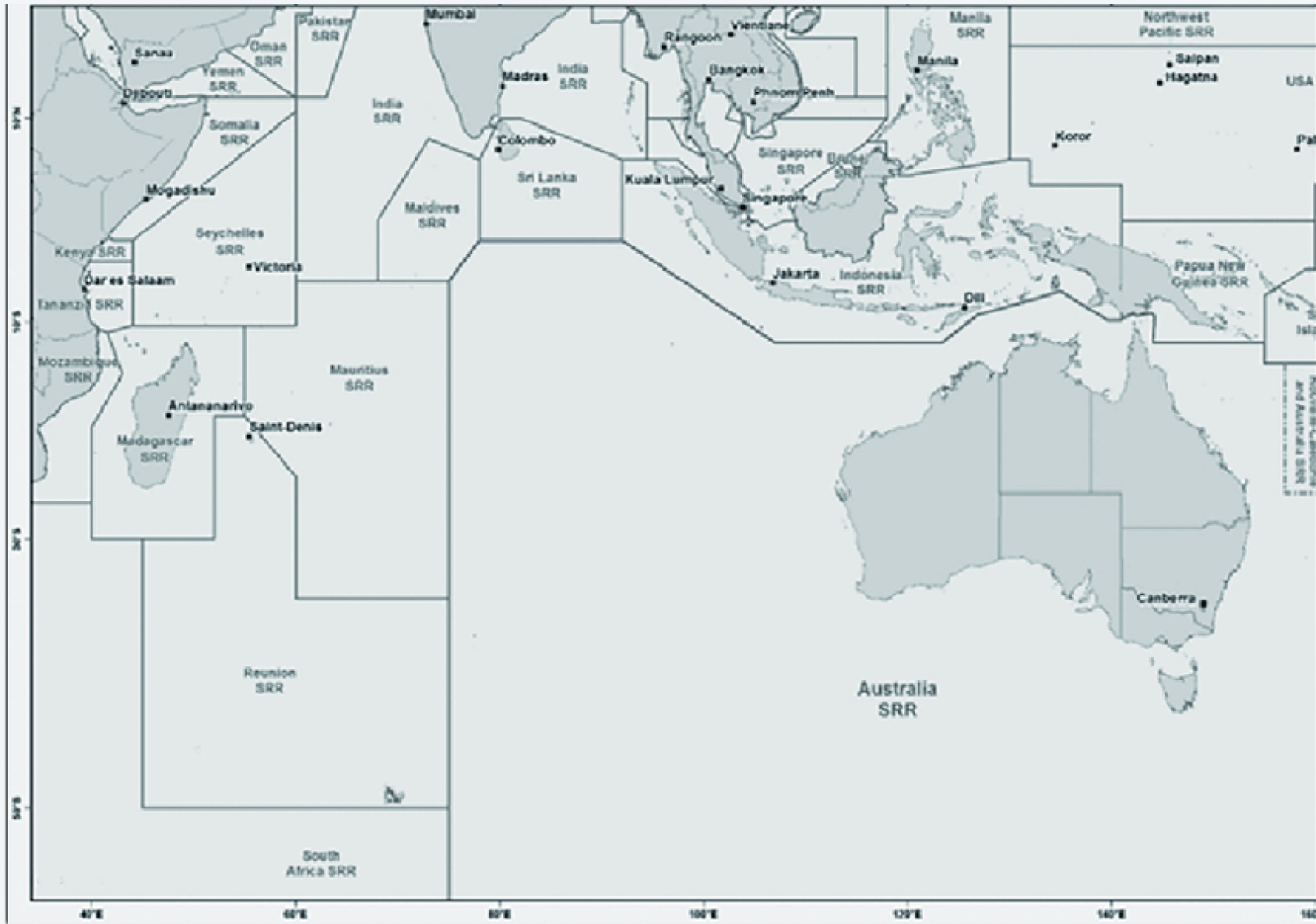
- **CRIMARIO** will **build maritime capacity** against drug trafficking, human trafficking and wildlife crime ...
- The EU will also encourage the **consolidation of information-sharing mechanisms** through information fusion centres **IORIS** platform.



SITUATION

- Challenging for Navies and Coast Guards to patrol the vast spans of ocean.
- Currently no common software that facilitates two-way communications between
 - maritime security/safety centres (MSSC) and
 - merchant shipping/companies
- Developing IORIS for shipping
 - Emulate Flight Information Regions / ATC

IORIS FOR INDUSTRY (MRCC)



SHARE.IT



1ST SHARE.IT INTEROPERABILITY CONFERENCE: 18 TO 22 APRIL 2022

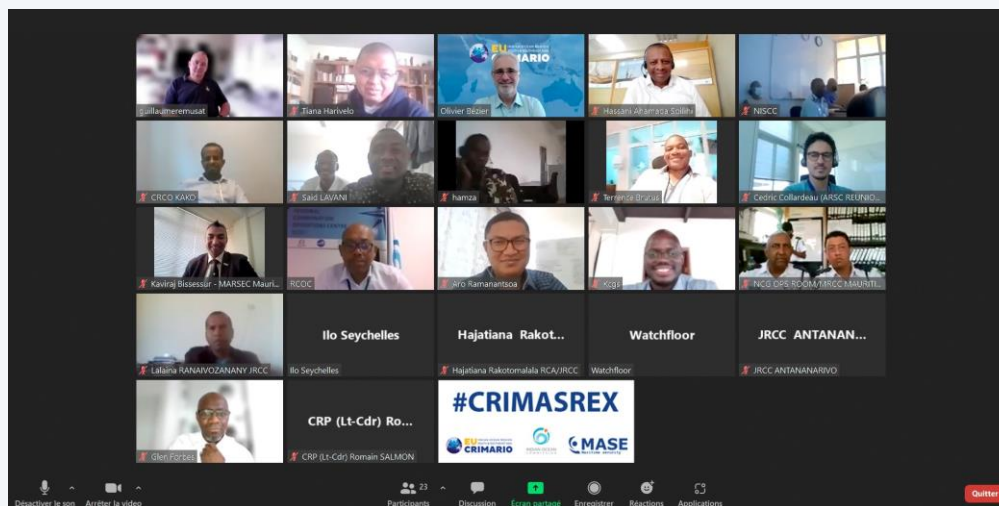

IORIS TRAINING

- Basic / Intermediate / Advanced / Train-the-Trainer



Exercises - IORIS based CRIMASREX WIO

- Safety Based
 - Search and Rescue – Airliner in distress
 - Health Incident at Sea
- 7 Countries / 17 Agencies

EU CRIMARIO CRITICAL MARITIME ROUTES INDIAN OCEAN

IS1.4 « Drug » August 2019

FINAL DEBRIEF

IS1.4 "Drug" was an exercise scheduled and conducted by the EU CRIMARIO project to the primary benefit of Mauritius with the participation of RMIFC in Antananarivo and RCOC in Réunion. It included a local development for Mauritius centered on legal framework concerns and precursors. For the two centers, it aims at training crews in managing the information and draft COA¹ during a drug situation in western Indian Ocean in compliance with their tasks.

It is derived from the PIREX series exercises conducted from June 2012 to June 2014 (five editions) by the MARSIC project.

IS series exercises also covers topics like oil spill, terrorism, human trafficking, piracy, and smuggling.

Live Exercise – Indian Ocean Naval Symposium (IONS)

- Humanitarian Assistance
- Co-organised by India and France
- Participation of 15 IONS members



Philippines – France Table-top Exercise

- Participants
 - Philippines Navy
 - Philippines Coast Guard
 - French Navy
 - CRIMARIO
- Narcotic Trafficking from Latin America to SEA

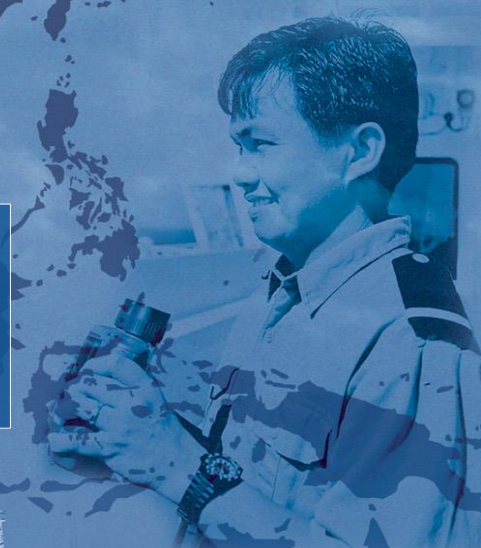


- **Promotes cross-sectoral, inter-agency and cross-regional cooperation across the Indo-Pacific**
 - Provides IORIS
 - Offers neutral and zero cost products
 - Organises exercises
- **Stands ready to continue supporting the DCOC implement its strategies and workplans**
 - Through DCoC WG 1 and WG 2
- **Establish an Steering Committee in January 2023**
 - IORIS users will sit at the table
 - International and regional organisations observers



EU INDIAN OCEAN REGION
SOUTH & SOUTHEAST ASIA
CRIMARIO

Thank You.
Questions?



CRIMARIO II, part of the Critical Maritime Routes Programme,
is an European Union initiative implemented by Expertise France



- Website: www.crimario.eu
- CMR website: www.criticalmaritimeroutes.eu
-  @EUCrimario  EU-Crimario
- Monthly newsletter (on subscription)
- For any contact: info@crimario.eu

Oil Spill Initial Reporting / Oil COM

Pollution Control Indian Ocean
Bjorn

Illegal Ivory

TTT Nicolas

pollution control indian ocean
netson

Said LAWANI- ToT

Area Admin Course 18-21
2021

CV Dark Storm involved in possible illegal fishing activity





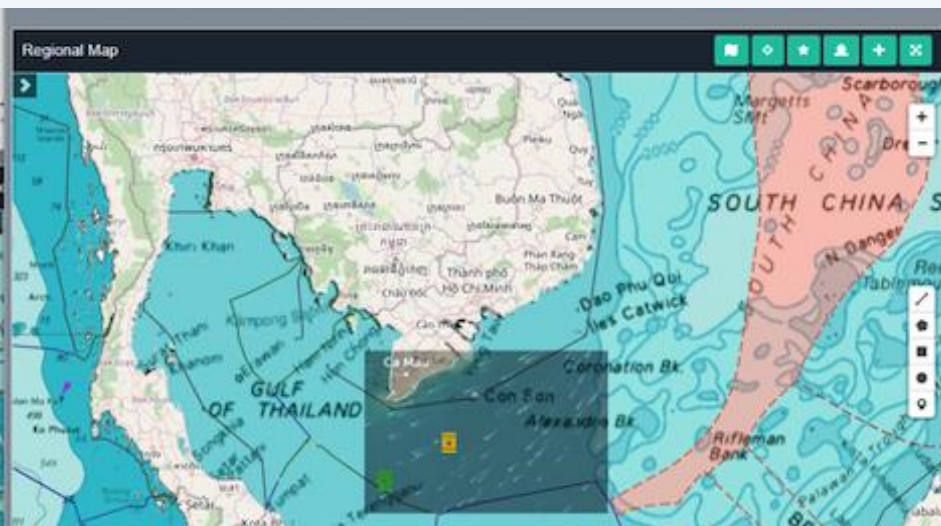
Messages Forms Documents Active Users

EU CRIMARIO IORIS Trainer (Bjorn Beirens - EU) 2022-04-05 15:59:44 UTC

VNM Patrol Boat Added By Bjorn Beirens - EU
 *****Marker Data Start*****
 Marker Source Type: Custom Markers
 Marker Type: Law Enforcement
 Longitude: 111.1377
 Latitude: 13.2212
 Heading: 075°
 Speed: 25
 Time of fix: 2022-04-05 15:49 UTC
 Radius: 0M
 *****Marker Data End*****

EU CRIMARIO IORIS Trainer (Bjorn Beirens - EU) 2022-04-05 15:58:44 UTC

PHL Patrol Boat Added By Bjorn Beirens - EU
 *****Marker Data Start*****
 Marker Source Type: Custom Markers
 Marker Type: Law Enforcement
 Longitude: 118.8062
 Latitude: 15.2868
 Heading: 260°



Messages Forms Documents Active Users

EU CRIMARIO IORIS Trainer (Bjorn Beirens - EU) 2022-04-05 15:45:00 UTC

Anti pollution Added By Bjorn Beirens - EU
 *****Marker Data Start*****
 Marker Source Type: Custom Markers
 Marker Type: Maritime incident Pollution
 Longitude: 104.6777
 Latitude: 6.8378
 Heading: 060°
 Speed: 13
 Time of fix: 2022-04-05 15:44 UTC
 Radius: 0M
 *****Marker Data End*****

Admin 2022-04-05 15:43:35 UTC

Image Overlay "Uploaded by EU CRIMARIO IORIS Trainer" Bjorn Beirens - EU

EU CRIMARIO IORIS Trainer (Bjorn Beirens - EU) 2022-04-05 15:34:32 UTC

MT Mont Louis Added By Bjorn Beirens - EU
 Adrift and oils leak

Admin 2022-04-05 15:33:02 UTC