



**EUCRIMARIO**  
INTERCONNECTING  
THE MARITIME DOMAIN

# DEVELOPMENT OF REGIONAL VESSELS OF INTEREST DATABASE

- 12 November 2025 -

**By Martin Cauchi Inglott**  
Project Director



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



# THE VALUE OF A VESSEL OF INTEREST DATABASE

*“Information is the oil of the 21st century, and analytics is the combustion engine”*  
*Peter Sondergaard*

- **Goal:** To maintain a structured
  - **continually updated record of vessels**
    - that may pose a security, safety, or compliance concern.
- **A Vol database is not just a static list**
  - **Dynamic intelligence repository that helps analysts and operators:**
    - Detect, classify, and monitor suspect vessels
    - Coordinate interagency responses (navy, coast guard, customs, fisheries)
    - Support legal processes (evidence, prosecutions, IUU tracking)

# VOI DATABASE DESIGN PROCESS

**Step 1: Devise policies that Govern the Databases**

**Step 2: Identify what information is required  
in the Vessel of Interest Database**

**Step 3: Identify Sources of Information**

**Step 4: Define Strategies to Acquire the Information**

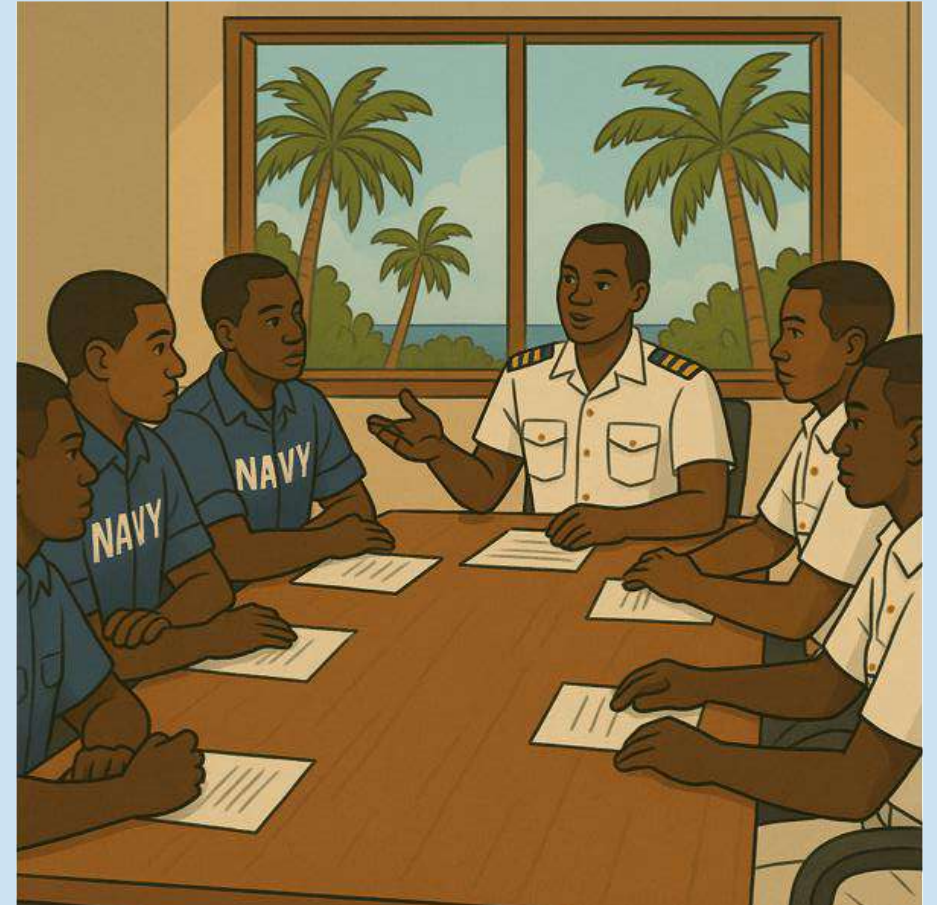


# VOI DATABASE DESIGN PROCESS

## Step 1

### Policy Decisions

- Where the database is located
- Who is going to administer it
- Who is going to have access to information
- How the system is going to be secured
- Whether the information storage will be cloud-based
- Whether it will be interoperable



# VOI DATABASE DESIGN PROCESS

## Step 2

### Data to be Collected 1/3

#### Vessels Identification Data

- **Vessel Name (Current and Former)** e.g., FV Al-Hassan, ex-Blue Star
- **IMO / MMSI / Call Sign** - IMO 8901234, MMSI 636011234
- **Flag State (Current and History)** Liberia → Tanzania
- **IMO Registration Type** Fishing, Cargo, Tug, Yacht, etc.
- **Owner / Operator / Beneficial Owner**
- **Registration Port** e.g., Mombasa, Port Louis
- **Hull / Photo Reference** Image or link to satellite imagery



# VOI DATABASE DESIGN PROCESS

## Step 2

### Data to be Collected 2/3

#### Activity / Behavioural Data

- **Last Known Position & Track** - AIS, LRIT, IORIS tracking data
- **Voyage Route / Port History** - Pattern of port calls and unusual deviations
- **Communication Behaviour** - AIS off/on patterns, spoofing, identity swapping
- **Cargo / Fishing Gear** - Declared vs. observed (e.g., trawler carrying containers)
- **Encounters** - Rendezvous, ship-to-ship transfers, meetings with unregistered vessels
- **Satellite Observations** - Dark vessel detections, radar images

# VOI DATABASE DESIGN PROCESS

## Step 2

### Data to be Collected 3/3

#### Legal / Intelligence Information

- **Reason for Interest** - Piracy support, drug trafficking, IUU fishing, sanctions evasion, etc.
- **Reporting Source** - RMIFC alert, INTERPOL notice, coastal state report
- **Incident Reports** - Date, location, summary (e.g., “Observed off Socotra, 17 Sep 2025, AIS off
- **Evidence Links** - Photos, statements, case numbers
- **Status** - Blacklisted

# SOURCES OF INFORMATION

## Step 3

### Option 1: International and Regional Information Fusion Centres

- Regional Maritime Information Fusion Centre (Madagascar)
- Regional Maritime Information Sharing Centre (Yemen)
- MSCIO - EUNAVFOR ATALANTA
- UKMTO

### Option 2: International Organisation Databases

- **Fisheries**
  - UN FAO Global Information Exchange System
  - Regional Fisheries Management Arrangement
- **International Maritime Organisation**
  - Global Integrated Shipping Information System
- **INTERPOL**
  - I24/7 Database and Notices (esp. Purple Notices)





# INFORMATION ACQUISITION

## Step 3

### Option 3: MDA Systems

- State Owned Systems
  - SeaVision
  - NISHAR
  - VRMTC
- Not-for-Profit Systems
  - Skytruth
  - Skylight
  - Subscription Systems
  - MAS
  - Windward
  - Starboard

### Option 4: Information-Exchange Platforms

- SEAVISION
- MERCURY
- IRIS
- NISHAR
- IORIS

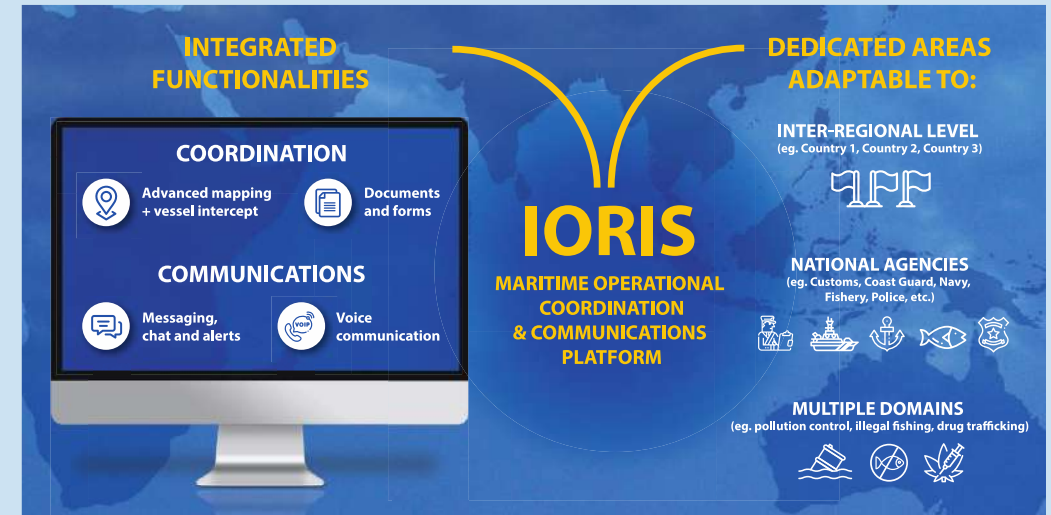


# IORIS


## INFORMATION EXCHANGE TOOL

### CHARACTERISTICS

- Neutral and Secure
- Web-based
- Messages and Private Chat
- Connected to an Interactive map (Crisis Response Project)
  - Possibility to tag Vessels of Interest
  - Categorised by threat level
- Compartmentalisation of Information
  - Restricted/autonomous “Community Areas.”
  - Access to each Community Area is by designation only.



Q Search Markers

 SANTA EMILIA

Latitude	1.26333	Heading	211°
Longitude	54.61853	Speed	14.2
Time of fix	Sat 08 Nov 2025, 12:15 UTC		

AMSI No	IMO No
354227000	9609524
Calligns	Gross Tonnage
H9XP	40962
Vessel Type	
Dry Bulk	
Flag	
Panama	
Next Port of Call	
MZMPM	
Nav status	
Under way: Using Engine	
Fix type	
Satellite	Edit

Cursor Position: 1.09214 / 55.02291

Training Site

**+ New Message**

Search messages

**AIS Vol** ZEA Marked as Vessel of Interest - Law Enforcement

CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:05 UTC

**▶ AIS Tag** AL SHERAN 7:HAJI Tagged

CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:04 UTC

**AIS Vol** SEASPAN BREEZE Marked as Vessel of Interest - National Security

CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:04 UTC

**AIS Vol** 41544ISSAMOHAMADI Marked as Vessel of Interest - National Security

CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:04 UTC

**AI Tag** FIESTA Tagged

CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:04 UTC

 AIS Vol T.KURUCESME Marked as Vessel of Interest - Regulatory

CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:04 UTC

**▶ AIS Tag THE LIVING Tagged**

CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:03 UTC

**AIS Vol** AL OSAMA Marked as Vessel of Interest - Law Enforcement

CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:03 UTC

**▶ AIS Tag** **GOLSAN Tagged**

CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:03 UTC

**Ⓢ AIS Vol** AILANA Marked as Vessel of Interest - National Security

CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:03 UTC

**▶ AIS Tag** HENG HUI 5 Tagged


CRIMARIO Training Manager CRIMARIO - 2025-11-08 14:03 UTC


First Prev 1 Next Last






Search Markers








AIS

Cursor Position: 19.29388 / 36.67127


Training Site





-


+

18%

Edit AIS Vessel

Cancel

Reset

Save

MMSI No

354227000

IMO Number

9609524

Vessel name

SANTA EMILIA

Callsign

H9XP

Vessel Type

Dry Bulk

Gross Tonnage

40962

Tag this vessel

☒

Org Tagging

CRIMARIO, CRIMARIO Training Manager

Reason for Tagging

Requested Support

Vessel of Interest?

☐

Threat Category

Threat Type

Threat Level

+ New Message

Search messages









AIS Tag

SANTA EMILIA Tagged









CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:06 UTC

Organisation Tagging: CRIMARIO, CRIMARIO Training Manager

Vessel name: SANTA EMILIA

Reason for Tagging: Requested Support

AIS Vol

ZEA Marked as Vessel of Interest - Law Enforcement









CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:05 UTC

AIS Tag

AL SHERAN 7:HAJI Tagged









CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:04 UTC

AIS Vol

SEASPAN BREEZE Marked as Vessel of Interest - National Security









CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:04 UTC

AIS Vol

41544ISSAMOHAMADI Marked as Vessel of Interest - National Security









CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:04 UTC

AIS Tag

FIESTA Tagged









CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:04 UTC

AIS Vol

T.KURUCESME Marked as Vessel of Interest - Regulatory









CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:04 UTC

AIS Tag

THE LIVING Tagged









CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:03 UTC

AIS Vol

AL OSAMA Marked as Vessel of Interest - Law Enforcement









CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:03 UTC

AIS Tag

GOLSAN Tagged









CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:03 UTC

First

Prev

1

Next

Last



Q Search Markers

Cursor Position: 19.38502 / 53.86386

Training Site

-

+

18%

Edit AIS Vessel

✕ Cancel

↺ Reset

✓ Save

MMSI No

354227000

IMO Number

9609524

Vessel name

SANTA EMILIA

Callsign

H9XP

Vessel Type

Dry Bulk

Gross Tonnage

40962

Tag this vessel

☒

Org Tagging

CRIMARIO, CRIMARIO Training Manager

Reason for Tagging

Requested Support

Vessel of Interest?

☒

Threat Category

2. Law Enforcement

i

Threat Type

E. Serious organized criminal activity.

Threat Level

High

+ New Message

Search messages

SANTA EMILIA Marked as Vessel of Interest - Law Enforcement

CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:06 UTC

Organisation Tagging: CRIMARIO, CRIMARIO Training Manager

Vessel name: SANTA EMILIA

Reason for Tagging: Requested Support

CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:06 UTC

Vessel of Interest changed to: True

Threat Category changed to: 2. Law Enforcement

Threat Type changed to: E. Serious organized criminal activity.

Threat Level changed to: 1. High. Capability and intent of executing the threat. (near-term threat).

ZEA Marked as Vessel of Interest - Law Enforcement

CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:05 UTC

AL SHERAN 7:HAJI Tagged

CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:04 UTC

SEASpan BREEZE Marked as Vessel of Interest - National Security

CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:04 UTC

41544ISSAMOHAMADI Marked as Vessel of Interest - National Security

CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:04 UTC

FIESTA Tagged

CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:04 UTC

T.KURUCESME Marked as Vessel of Interest - Regulatory

CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:04 UTC

THE LIVING Tagged

CRIMARIO Training Manager, CRIMARIO - 2025-11-08 14:03 UTC

AL OSAMA Marked as Vessel of Interest - Law Enforcement

First

Prev

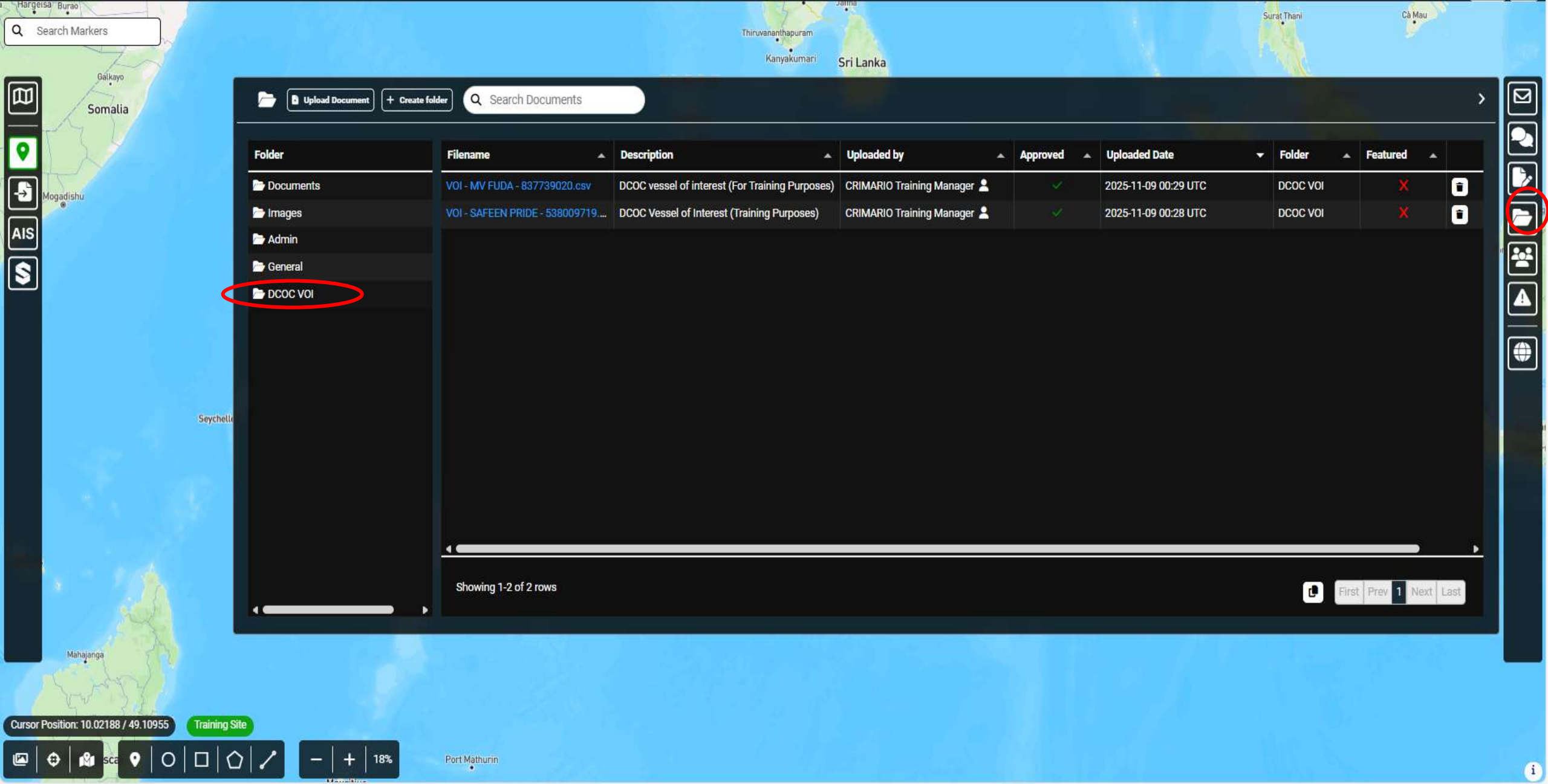
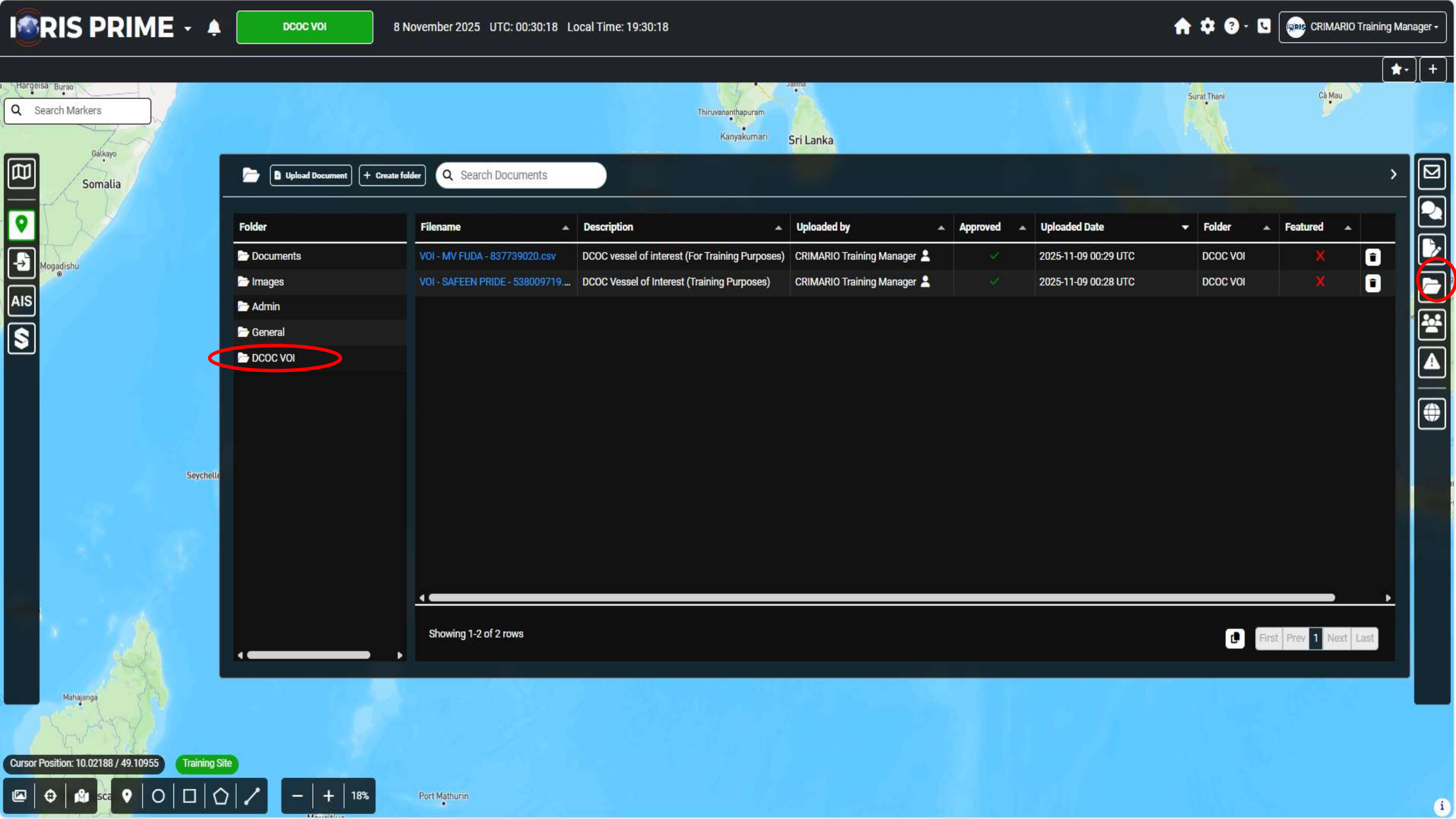
1

Next

Last







Search Markers



AIS



DCOC VOI

Upload Document Create folder Search Documents

Folder	Filename	Description	Uploaded by	Approved	Uploaded Date	Folder	Featured
Documents	VOI - MV FUDA - 837739020.csv	DCOC vessel of interest (For Training Purposes)	CRIMARIO Training Manager	✓	2025-11-09 00:29 UTC	DCOC VOI	✗
Images	VOI - SAFEEN PRIDE - 538009719...	DCOC Vessel of Interest (Training Purposes)	CRIMARIO Training Manager	✓	2025-11-09 00:28 UTC	DCOC VOI	✗
Admin							
General							
DCOC VOI							

Showing 1-2 of 2 rows

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# CONCLUDING REMARKS

- **Maritime security cannot be achieved in isolation.**
- **Sound databases must be the backbone of maritime security**
  - **Turn scattered information into intelligence**
    - and intelligence into action.
  - **Enabling navies, coast guards and law enforcement agencies**
    - to anticipate threats, respond faster

*“Coming together is a beginning. Keeping together is progress. Working together is success” – Henry Ford*





**EUCRIMARIO**  
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THE MARITIME DOMAIN

Website:  
[www.crimario.eu](http://www.crimario.eu)

Newsletter (on subscription - via email)  
[info@crimario.eu](mailto:info@crimario.eu)

For any contact:  
[info@crimario.eu](mailto:info@crimario.eu)



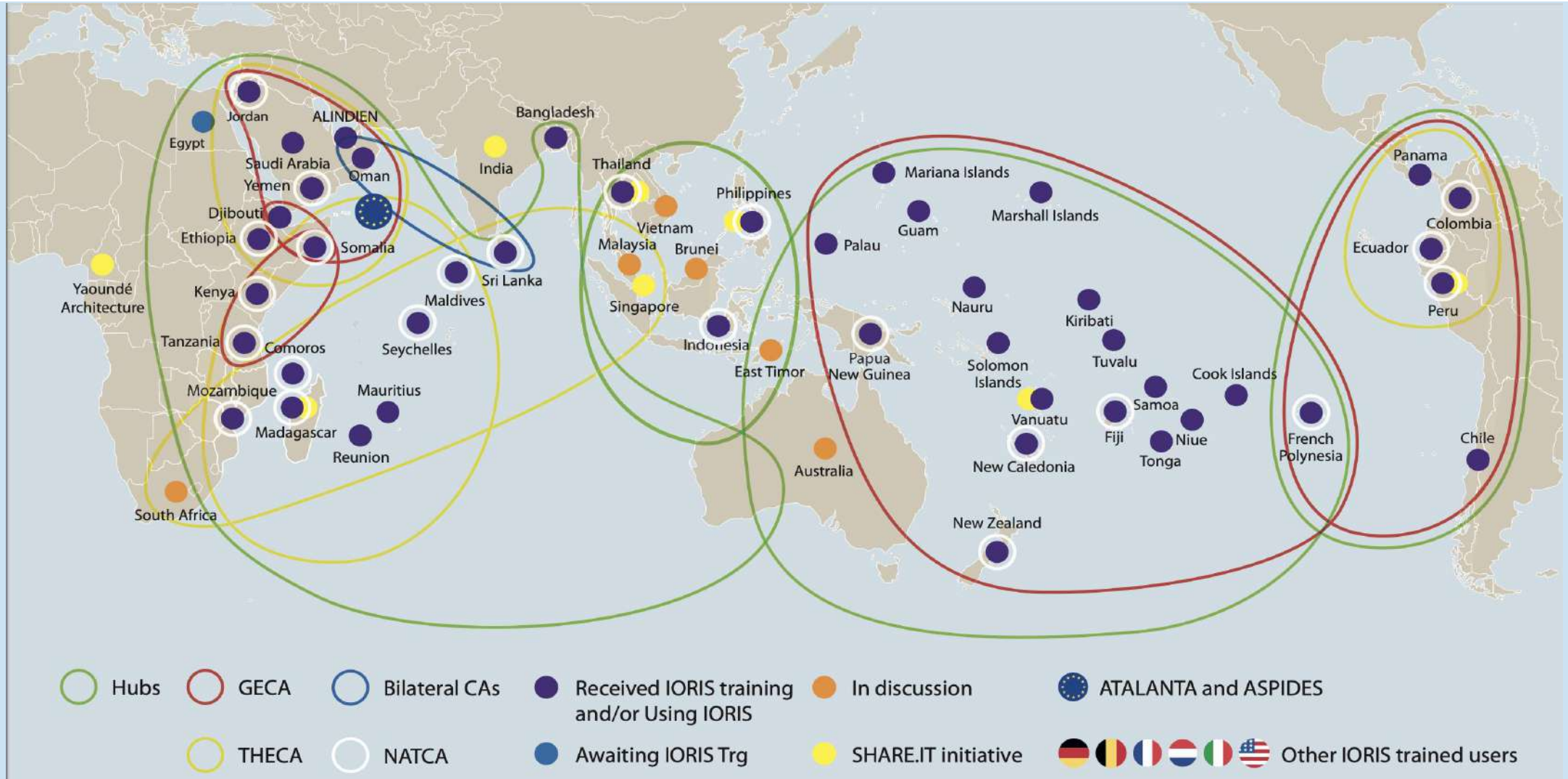
CRIMARIO II, part of the Critical Maritime Routes Programme, is an European Union initiative implemented by Expertise France





# IORIS INSTITUTIONALISATION

## State-of-Play



# THE GOVERNING PRINCIPLES - VESSELS OF INTEREST DATABASE

- **Collaboration is Power**
  - Regional databases and joint information-sharing platforms are not simply tools
    - Symbols of our shared will
- **Transparency and Trust**
  - Transparency is not a vulnerability
    - Strategic advantage.
- **Information as a Force for Good**

“The best way to predict the future is to create it — together.” - Peter Drucker