CRIMARIO II

Ideas for Enhancement of the DCoC ISN to meet the objectives of the Jeddah Amend

Tuesday 22nd November 2022

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Project Deputy Director

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

2. CRIMARIO support to implement the Jeddah Amend through Friends of the DCoC
   a) Tool
   b) Training
   c) Exercises

3. IORIS Overview

4. Future Plans & Upcoming events
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.
Overall Objective

Enhance **maritime security and safety** in the **Indo-Pacific** through cross-sectoral, inter-agency and cross-regional cooperation, including IUU fishing.

Specific Objectives and Outputs

- **SO1:** Enhance **information exchange**
  - Info-exchange tools and Initiatives
  - Centralized / decentralized

- **SO2:** Strengthen **interagency / regional cooperation** in surveillance, policing, investigation and judiciary
  - Courses and Exercises
2a. Tool - IORIS

Information Exchange / Operational Coordination
# IORIS Training – DCoC Countries

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## IORIS Training status of DCoC countries 2022:

- **Courses include:**
  - Basic
  - Continuity
  - Area Admin
  - Train the Trainer
A continuous package of training, including:

- 1-day Exercises
- Table-top Exercises (TTX)
- National Exercises
- Regional Exercises
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3. IORIS OVERVIEW
- IORIS is an EU funded system, developed for the region
- Not an EU System
- Developed in the region through collaborative process with partners
• IORIS is a Secure System
  – Encrypted
  – Regular penetration testing
  – Cyber Security review 2023
  – Future ISO accreditation planned
IORIS - Key Functions

IORIS – Coordination

- MDA – Satellite AIS
  - Mapping integrated to messaging for alerts
- Multi-language menus
  - French/Spanish/Somali/Arabic/Portuguese/Swahili

IORIS – Info Exchange

- Messaging
  - Upload and share Forms / Documents
  - In app translation in Messages
  - Private Messaging – with file encryption option
IORIS Characteristics

- **Unlimited communities – Unlimited Users**

- **Multi-lingual Menus for National Inter-Agency coordination;**
  - French / English / Somali / Arabic / Portuguese / Filipino / Indonesia / Spanish / Swahili

- **Low bandwidth option**
  - Used by Vessels at Sea
  - (No map) Switches off map – all comms – chat – file sharing enabled

- **Duplicate for Training / Exercises (National/Regional/Agency etc.**

- **Web access – no software download required – no special hardware**
3. IORIS Community Today and Future
“Considering the importance of IORIS during this incident, we were able to communicate very effectively, we were able to share Information through the (IORIS) platform successfully between the Indonesian Navy Command and Control Centre headquarters and also with the Seventh Fleet Command and Control, Indonesian Naval Base and with all other stakeholders involved.”
Ethiopia engages with its merchant fleet through IORIS. Ethiopian navy leads the way by establishing a secure link with its distant merchant shipping fleet through IORIS. Great meeting with Chief of Ethiopian Navy.
4. Future Plans & Upcoming Events
1. Leading towards Regional ownership
   a) IORIS IO Conference – SEY
   b) Governance Structure
      • Trial Agreements
      • Steering Committee

- Seychelles Conference- IORIS WIO - Hosted by Seychelles 6/7 Dec 22
- WIOMEX DEC 22 – Table Top – Command Post Exercise
- SHARE.IT conference – Bangkok Jan 23 - in collaboration with UNODC
- IORIS Steering Committee – 2023 tbc
- A DCoC Exercise is planned in the week between 16 to 20 January (DTBC)
We are conducting a Series of regional IORIS conferences to enrich and enhance IORIS Network

- Examining together how IORIS can be exploited further to, for example, build sectoral communities, to address specific phenomena such as control of merchant shipping, drug trafficking, search and rescue, IUU fishing, etc.

- IORIS in support of the decision-making process
- IORIS technological Upgrades
- IORIS Conceptual Briefs
- Energising the IORIS platform
- Working Sessions
IORIS CONFERENCE FOR THE INDIAN OCEAN: 6 – 7 DECEMBER 2022

- Session 1: Addressing Maritime Challenges in the Indian Ocean and how IORIS can support Coordination and the Decision-making Process
- Session 2: IORIS Works! The Platform in Action
- Session 3: Enhancing IORIS Functionalities to meet Current and Future Threats
- Session 4: Looking Ahead – The Future IORIS Governance Structure
- Exercise WIOMEX Debrief
- Session 5: ‘Where the rubber hits the Road’ - Policy and Operational Thematic Discussions

The outputs of the Conference will feed into the first IORIS Steering Committee scheduled for 15/16 February 2023.
WIOMEX DEC 22 - 5/6 December 2022
- Tabletop / Command Post Exercise
- 5/6 Dec 22 – Live Phase
- 7 Dec 22
  Output of exercise presented to Directors / Managers of Navies, Coast Guards and Maritime Agencies invited to the first IORIS Conference in Seychelles

Goals:
- Practice interagency coordinated responses at national and regional level
- Assess IORIS as an MDA, Coordination and Communication tool, and training platform.
CRIMARIO stands ready to support the DCoC

Friends of the DCoC Coordinator

- Offers to employ a coordinator in DCoC Secretariat on a part-time basis – under discussion with Secretariat.

Capability assessments

CRIMARIO stands ready to offer support in conducting National capability assessments:

- National Maritime Centres / Sharing Centres etc.
Provide DCoC Countries using IORIS with:

- Satellite AIS
- Satellite Data on a case-by-case basis – Mid 2023 est.

Organise table-top exercises by sub-region

- Can be back-to-back
- First exercise in January 2023
- DCoC can propose the scenario and CRIMARIO will organise plan and execute as Directors
- Other Friends welcome to co-organise / participate

Yemen

- Will focus on enabling the centre
- Can purchase limited equipment as long as sound internet connectivity is in place.
• **Free Lifetime license for all DCoC countries**
  
  – AIS enabled after training and trial agreement
  – Trial agreement:
    
    ▪ Signed by agency not country
    ▪ Receive Satellite AIS data from CRIMARIO on trial basis (3-4 months);
    ▪ Agency commits to keep IORIS logged on and visible
    ▪ Agency agrees to respond to Comms Checks on Hub.
We propose that the DCoC considers to adopt this resolution by the end of this meeting:

1. The DCoC **tests** the **IORIS information-exchange system for one year** by establishing a **Community Area on IORIS** to exchange information related to the safety and security of navigation.

IORIS is being proposed since all DCoC countries already have a license to use the system.
Thank you

Any questions?