



## Session Three

### Panel Discussion

Establishing NMISCs as the Foundation for DCoC ISN

## Information Sharing Tools

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What information sharing systems are available in the region today that could be considered as part of your 'Toolbox'





## What systems are available in the region today?

- **IORIS (CRIMARIO)**
- **SEAVISION (US Navy)**
- **MAS (MASE/IOC)**
- **MERCURY (EUNAVFOR Op Atalanta)**
- **Other**





## What should I use in my NMISC?

- **One of More systems?**
  - **Complimentary to each other**
  - **Each will have its unique functions**
- **Consider what it is you need to achieve?**





## Situational Awareness / Surveillance

- **Common Operational Picture (COP) / Maritime Domain Awareness (MDA)**
  - Monitor / Response
  - Data fusion / Analysis tools
  - Internal data
- **Other sources:**
  - Manual markers
    - Red flag – vessel of interest etc.





## Communications

### What to consider when choosing a system to use for Communications

- **Who?**
  - National Inter agency
  - Other DCoC countries / Regional Centres
- **How?**
  - Messages – Chat
    - Routine – Daily exchanges – Build Trust
  - Files – Images – Pre-formatted (SOPs)
  - Voice over IP (VoIP)





## Coordination

Do I need the ability to coordinate among other stakeholders?

- **Information exchange**
  - **Common operational picture you can share**
  - **Timely**
  - **Accurately**
    - **Data integrity**
    - **Minimise requirement to repeat by different communication methods.**
    - **Consolidate**





## Security

**How can I be confident my information is secure?**

- Consider how sensitive your information is.
  - Most exchanges will be non-classified
  - But some may be sensitive
    - Do you need encrypted services for sensitive information?
- **Minimum – Access control**
  - Username / Password / 2FA (PIN)
  - User permissions
- **Data Storage - Where is my data stored**
  - Is it secure
  - Who can see it?







## Critical Infrastructure

- Power
- Equipment
- Internet





## Training

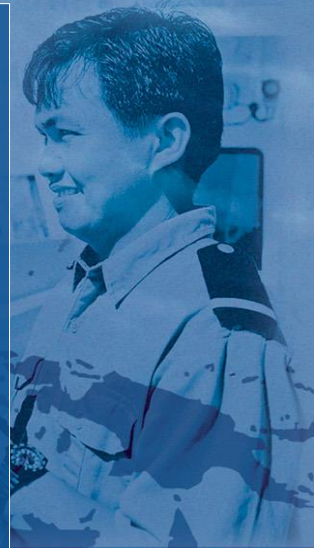
- Essential
- Training / User / Technical Documentation – Online resources
- Internal training for continuity
  - Skill fade – Staff turnover





## NMISC – Info System Running costs

- **Software**
  - Licenses
  - GIS / Antivirus
- **Services**
  - 3<sup>rd</sup> party services
- **Equipment**
  - Plan for maintenance / upgrades / replacements





## Future development

- **Technology evolves**
- **User requirements evolve**
- **Plan for the future**
  - **Budget**
  - **Resources (HR – Infrastructure)**





**EU** INDIAN OCEAN REGION  
SOUTH & SOUTHEAST ASIA  
**CRIMARIO**

Thank you



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

