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

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

• Essential

• Training / User / Technical Documentation – Online resources

• Internal training for continuity
  • Skill fade – Staff turnover
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NMISC – Info System Running costs

- **Software**
  - Licenses
  - GIS / Antivirus
- **Services**
  - 3rd party services
- **Equipment**
  - Plan for maintenance / upgrades / replacements
Future development

• Technology evolves
• User requirements evolve
• Plan for the future
  • Budget
  • Resources (HR – Infrastructure)
Thank you