



MODEL IFCs & NMISCs



INFORMATION FUSION CENTRE
INDIAN OCEAN REGION



DCOC/ JA INFO SHARING NETWORK

STRATEGY 1 – Establish NMISCs (operational) in all signatory states



National Maritime Security Committee

National Maritime Security Risk Register

National Maritime Security Strategy

Min Capability Requirements for NMISC

Multi-agency participation in NMISC

National Maritime Security Coordinator

Area of Responsibility demarcation

Periodic Review by NMSC

Air-gapped network/ software for Cyber Sec

Identify legal gaps



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STRATEGY 2 (Regional) – Maximise Regional IFCs
by developing clear protocols for info-sharing

Lack of Trust

Sovereignty of Info/ Data

Clear & Common SOPs for Info Sharing

Identify Common Threats

Economy of Effort

Are 03 IFCs required ?

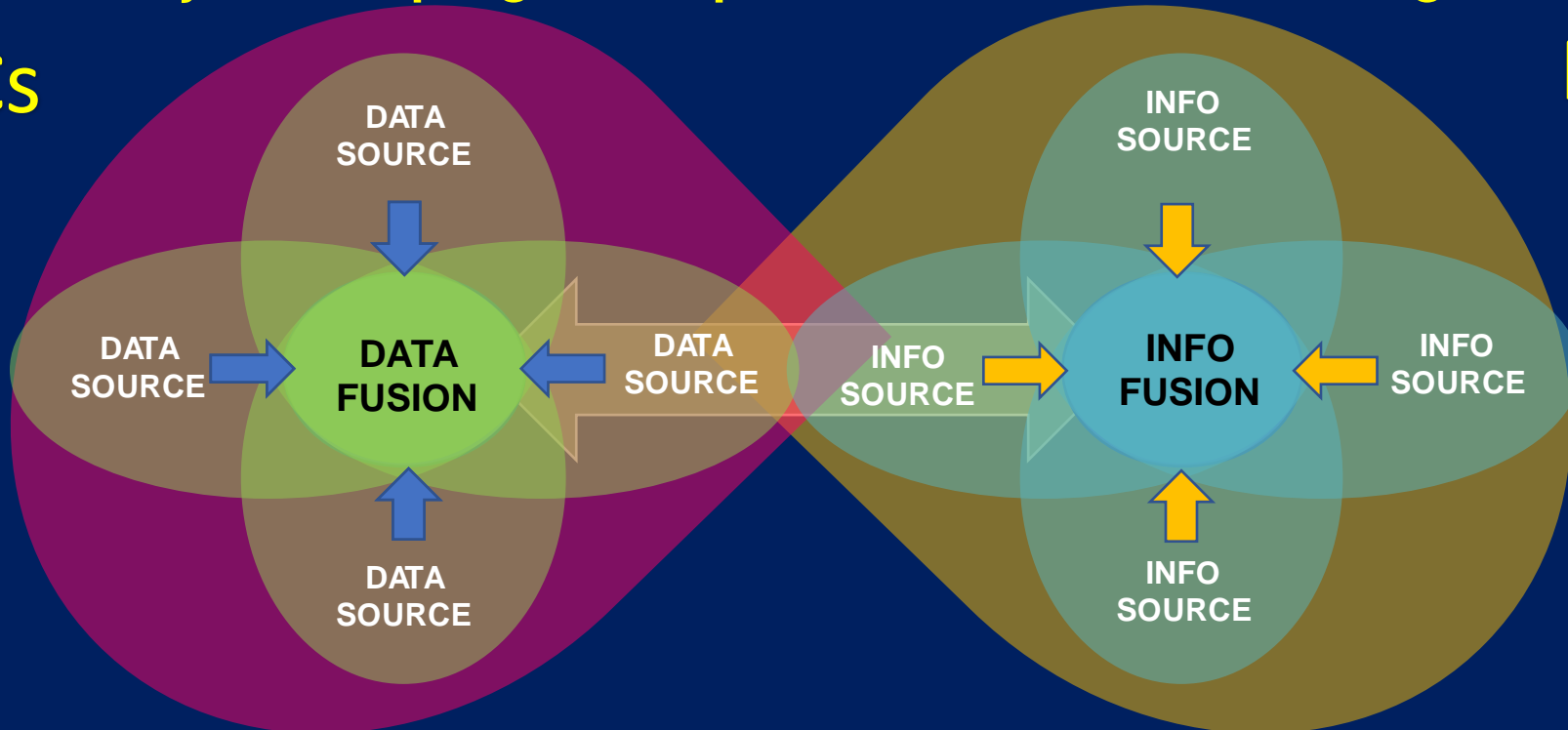


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STRATEGY 2 (Regional) – Maximise Regional IFCs by developing clear protocols for info-sharing



NMISCs



Regional IFCs

Fusing of Data v/s Fusing of Expertise (minds)

Maintains NMISCs data integrity and allows info sharing



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STRATEGY 2 (Regional) – Maximise Regional IFCs
by developing clear protocols for info-sharing

Model Regional IFC

MoU/ Agreement for Regional IFC

- Positioning of ILOs
- Define Charter and AOI **not AOR**

Development of Roadmap for operationalisation

- Operational, Analysis, Networking, StratCom, Training etc
- External expertise from Info Fusion Centres
- Cross Visits – Exposure/ Sharing of best practices
- Standard definitions of Maritime Crimes



Scan to Access Working Definitions
used for Maritime Safety and
Security Incidents.



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STRATEGY 3 (International) –

Reports & Analysis are produced and disseminated widely



Identify Sources of Information

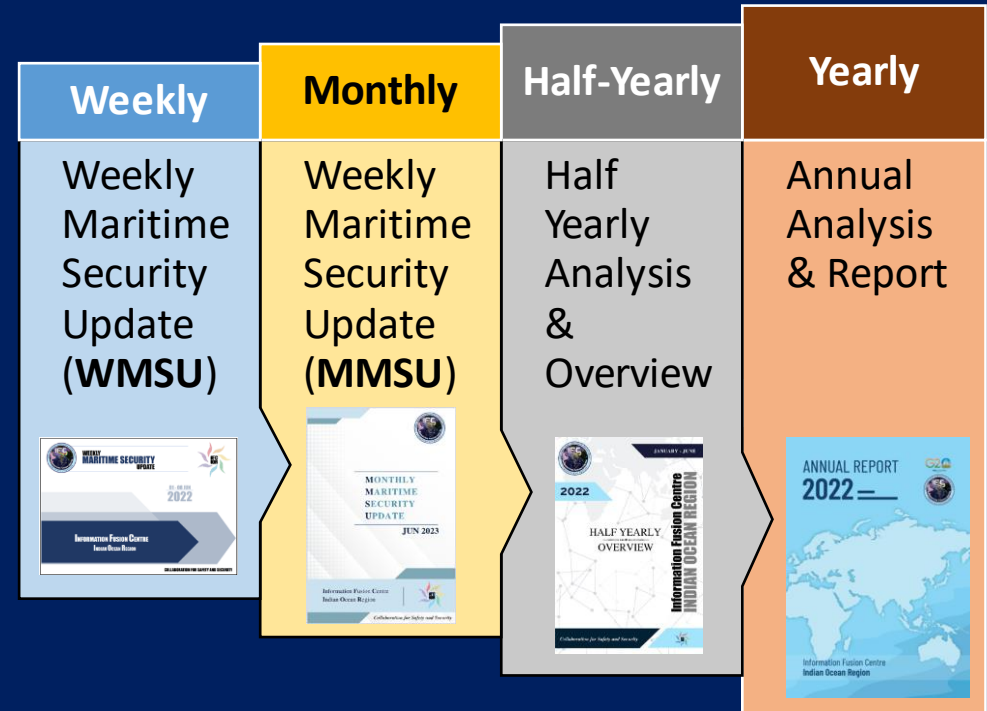
Vessel Reporting Mechanism

Validation of Reports/ Authenticity

Analytical Tools and Expertise

Analysis to Production Process

Products tailored for Target Audience





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Model NMISC

- **Data collation from multiple National agencies**
- **Analytical Softwares**
- **Information sharing with IFCs**
- **Relevant hardware and software**
- **Training Requirement -**
 - **Maritime Data Storage and Analytics, Info gathering**
 - **IT training on maintenance of eqpt**



RECOMMENDATIONS



Setting up of Only One Regional IFC

Rest IFC/ ISCs may function as respective NMISCs

NMISCs to be air-gapped to maintain Data Sovereignty

NMISCs & Regional IFC – Different Tasks hence Different Req

IFC-IOR pleased to collaborate & train, if requested



ROADMAP AHEAD

NMISCs

- Setting up of Sensors
- Multi-agency manning
- Review Mechanism
- Air-gapped Network & Software

Regional IFC

- MOU/ Agreement on Lead IFC
- Positioning of ILOs
- Operationalisation Roadmap Plan
- Collaboration tools/ Software

Continued Refinement

- Capacity Building / add data sources
- Focus on Trg & gaining Expertise

Refinement of ISN Strategy

- One Lead Regional IFC
- Rest Centres convert to NMISCs
- Merge Strat 3 into Strat 1 & 2
- Set up Timeline for NMISCs readiness

Incremental Improvement towards Safe & Secure Oceans

Security And Growth for All in the Region



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