Session 3

Establishing National Centres

DCoC HLM Dubai 28 - 30 Jun 22

Mr Richard Morris
Royal Navy MDA Programme Manager
How does UKMTO contribute to maritime safety and security?

• UKMTO is a Royal Navy capability with the principal purpose of providing an information conduit between military and security forces and the wider international maritime Trade and Industry

• UKMTO watchkeepers provide 24/7/365 primary point of contact for maritime safety and security reporting within the UKMTO VRA as described in BMP5

• UKMTO office in Dubai promotes regional engagement and expertise hosting regular events such as the Middle East Industry Vessel Operator Meeting (MIEVOM) and is supported by embedded International and Industry liaison officers - REASSURE and INFORM

• UKMTO works with regional reporting, fusion and operations centres across the Indian Ocean to support the Trade & Industry
UK MDA Model - National Centre Requirements

**OUTPUTS**
(Understand and Exploit)
- Response Centre's (*National*)* - Directed Targeting
- MDA Centres (*National, Regional, International*)*
- Threat List
- Vessel Of Interest List
- Alerts and Warnings (*to Industry*)
- Publications/Statistics (Weekly, Quarterly, Annually)
- Web service (*Information Service – Push & Pull*)
- Engagement (*National, Regional, International*)

**INPUTS**
(Collect)
- AIS - (SAT, Coastal and Vessel collected)
- GMDSS
- VMS
- Open Source (*Ship Information, WWW*)
- LRIT
- Radar & EO
- Air & Maritime Patrol
- HUMINT (*Gov Dept, Civil, NGO, etc.*)
- Regional/International MSA
- Regional/International MTA
- Information Feeds
- Geospatial Info
- MDA Cloud

* = C2 (*VOIP, Chat, E-Mail – Input & Output*)

**AFFORDABLE AND SUSTAINABLE LONG-TERM CAPABILITY**
X-Govt approach to Maritime Security - UK NMIC Model
Maritime Domain Awareness: Elements
UK Model

- JMOCC
- NMIC

- Situational Awareness
- Response Awareness
- Threat Awareness
Why Share Information?

**COLLECT – UNDERSTAND - EXPLOIT**

- Regional collection of MDA information – enhanced detection of threats to national/regional economic and maritime security
- Understand the threats fully at long range >1000nm - proactive not reactive
- More time to decide - choice to Monitor, Deter, Interdict or do nothing
- To enable Nations, Regions and the International community to make informed collaborative decisions
- Deconflict National/Regional MDA activities and share scarce response resources
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