

An aerial view of a large container ship sailing on the ocean. The ship's deck is covered with colorful shipping containers. A semi-transparent digital globe, composed of a grid of small dots, is superimposed over the ship, centered on the Atlantic Ocean. The background is a deep blue sea with white-capped waves.

MICA CENTER

Maritime Information Cooperation & Awareness Center

French centre for alert, fusion and sharing of maritime security information

A bridge between the Navy and the shipping industry





COMBINED
NAVAL EVENT

21-23 MAY 2024 | FARNBOROUGH, UK



Maritime Security

The challenges of information sharing



Attack against yacht off Yemen highlights need for continued maritime security

defenceWorld - 20th May 2022



Armed men attacked and attempted to sink the yacht Lakota off the coast of Yemen, but the vessel has been reported to have survived. The incident highlights the continuing danger from pirates and militants in the region.

The European Union Naval Force Operation Atalanta said the sailboat was sailing south-east of the Yemen coast.

Monjasa Reformer Located in Gulf of Guinea After Pirate Attack: Six Crew Missing

Published: 13 April 2016

The master of a ship has a duty under international law to assist people in distress at sea, regardless of their nationality or status. This is posing an increasing burden on the shipping industry given the current migrant crisis in the Mediterranean.

Mediterranean migrant crisis: impact on the shipping industry

Published: 13 April 2016



The master of a ship has a duty under international law to assist people in distress at sea, regardless of their nationality or status. This is posing an increasing burden on the shipping industry given the current migrant crisis in the Mediterranean.

In September 2015 the Institute of Maritime Law at the University of Southampton convened a workshop entitled Boat People: Some Legal and Practical Considerations relating to Migration by Sea at which a range of legal and practical issues relating to mixed migration by sea were considered.

Need for Maritime Security=>

=> Requirement of an efficient Maritime Cooperation



Marked by recent violence between Israel and Hamas, the Israel-Palestine conflict has resulted in unstable times for the shipping and maritime industry. As a result, the leading international companies have issued cautionary advisories, while trying their best to adapt their operations in the region. Drawing insights from a recent analysis of the situation published by Container xChange, this article explores the multifaceted impact of the ongoing war on maritime shipping and the broader logistics and supply chain industry.

The Maritime Industry's Response



Indian navy rescues sailors on board a ship attacked by pirates off Somali coast

2 days ago

Recent attacks on vessels off Somalia's coast have raised concerns that piracy could be returning in the region (file photo).

By Gloria Aradi
BBC News



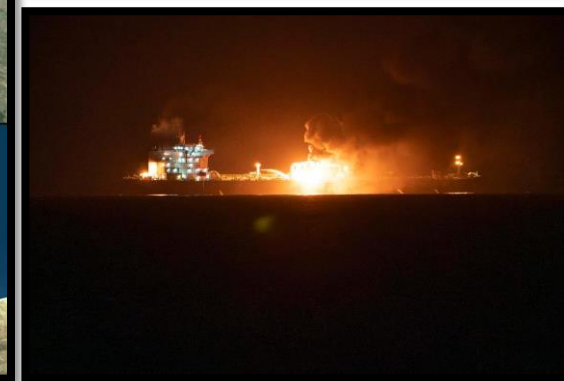
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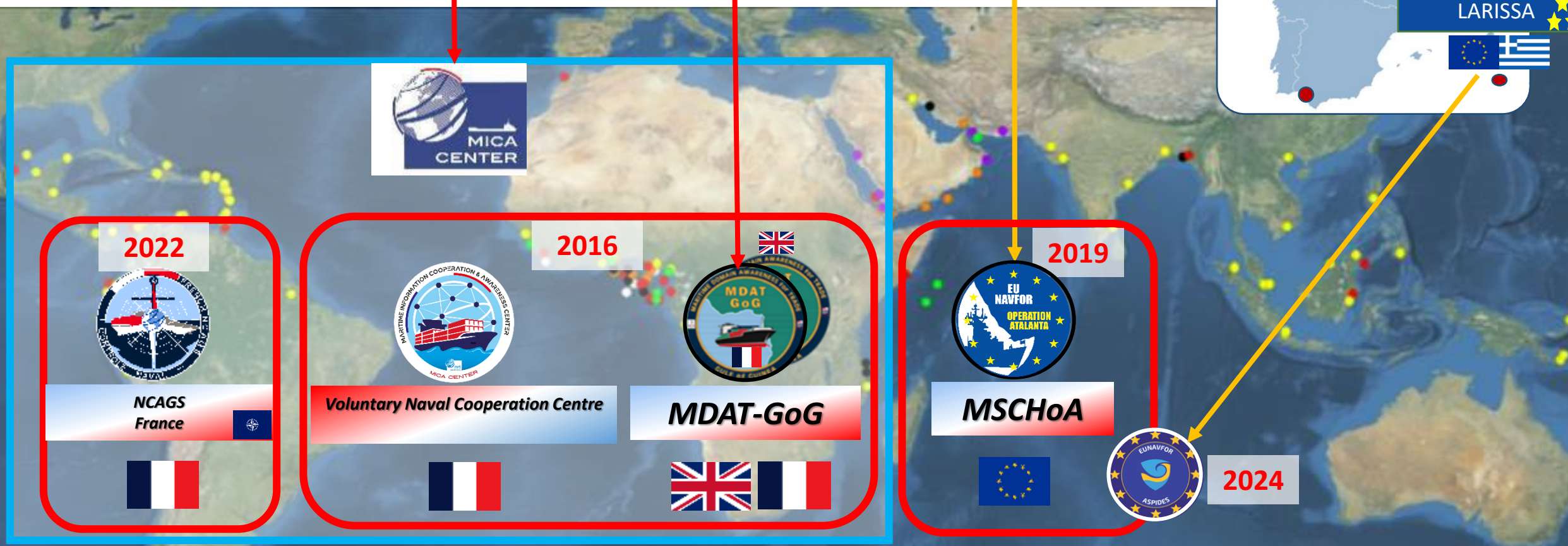
Operational Challenges & Navies' answers

Ops. challenges:

- Indian Ocean and Red Sea => post Galaxy Leader, a new era...
 - Houthis threat : an unexpected unity of multiple and coordinated assets
 - Somali pirates : are they back in business ?
- Navies' answers and how maritime cooperation is at stake => need of first responder to operations
 - OPG (Bahrain), National Ops (MICA Center & Abu Dhabi), EU Ops (MSCHoA)



Maritime Trade Operations



2022

NCAFS France

2016

Voluntary Naval Cooperation Centre

2016

MDAT-GoG

2019

MSCHoA

EU NAVFOR OPERATION ATALANTA

2024

EU NAVFOR ASPIDES

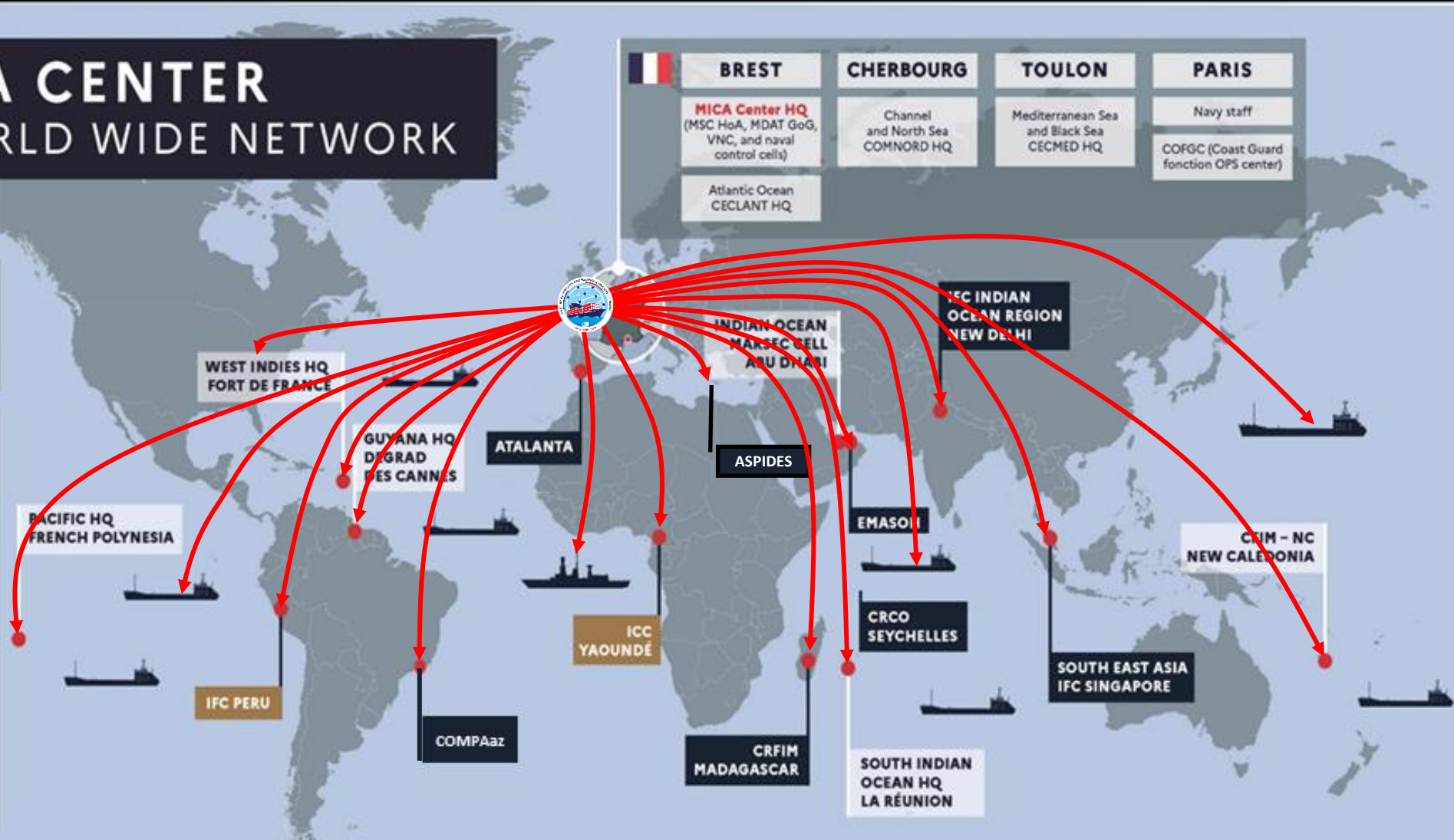
MICA CENTER

A WORLD WIDE NETWORK

BREST	CHERBOURG	TOULON	PARIS
MICA Center HQ (MSC HoA, MDAT GoG, VNC, and naval control cells)	Channel and North Sea COMNORD HQ	Mediterranean Sea and Black Sea CECMED HQ	Navy staff
Atlantic Ocean CECLANT HQ			COFGC (Coast Guard fonction OPS center)

- French representatives
- French headquarters
- Partner center

- MDAT GoG :** Maritime Domain Awareness for Trade Gulf of Guinea
- MSC HoA :** Maritime Security Center Horn of Africa
- CRFIM :** Regional Maritime Information Fusion Center
- CRCO :** Regional Coordination Operations Centre
- CFIM-NC :** Maritime Information Fusion Center New Caledonia
- IFC :** Information Fusion Center
- ICC :** Interregional Coordination Centre



Alerts, E-mails, Calls, Private and Open sources, Geo data.
 overflow of data => risks : information accuracy, distribution, timely, missed?

- MARITIME INFORMATION SHARING INTERNATIONAL PROTOCOLS**
- Belgium
 - Spain
 - United Kingdom

- France
- Italy
- Netherlands
- United Kingdom
- Norway
- Germany
- Denmark
- Cyprus

NETWORK IN 160 FRENCH EMBASSIES



© DUQUENOIS/ARMIN

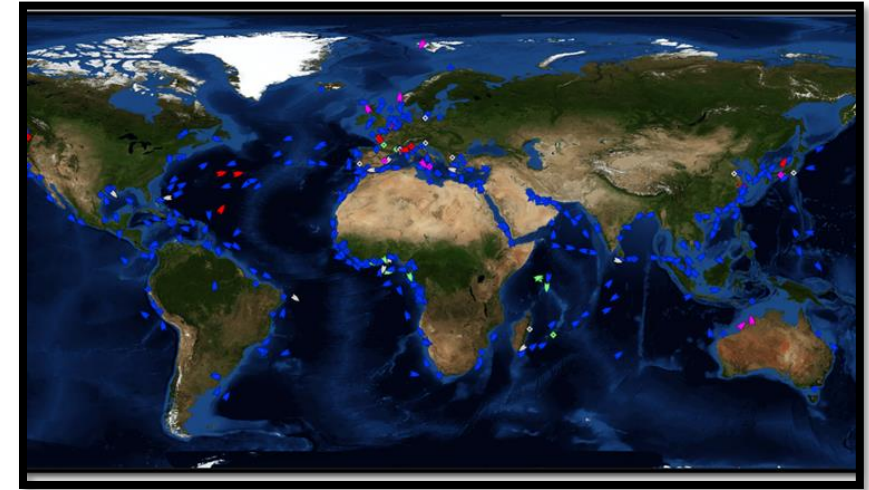
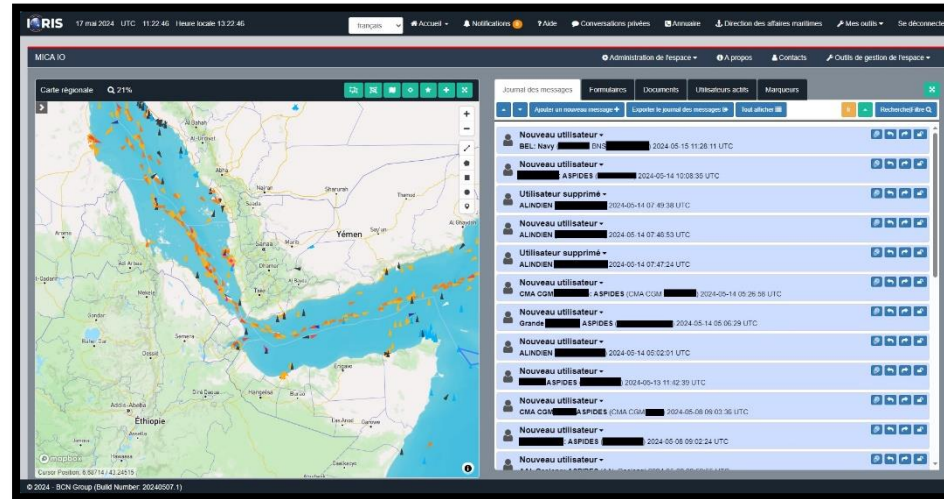


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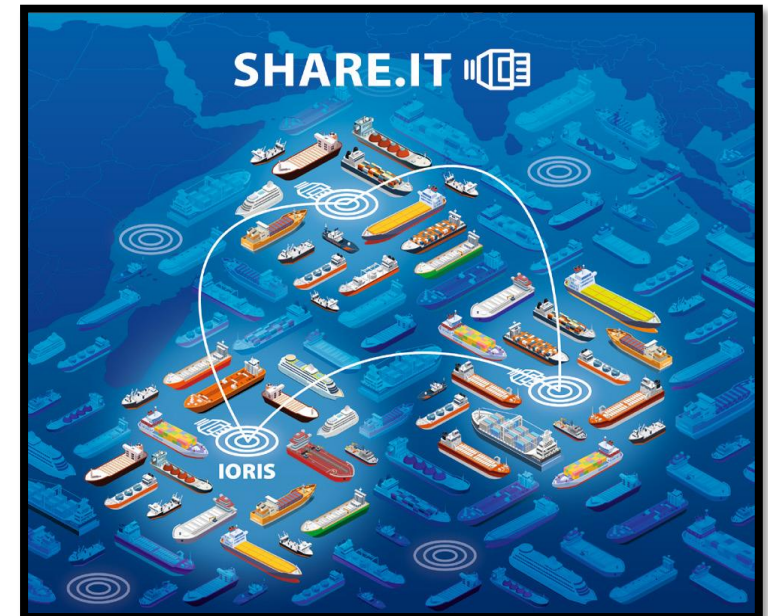
Information sharing

A community in need for a better cooperation



Some solutions to face those challenges :

- Mutual knowledge
- Common sense (HI vs AI)
- Complementarity vs Duplication
- Information sharing systems and processes :
 - GoG => Yaris & Solarta
 - Indo Pacific => IORIS community
 - GoA => IORIS ops for protection
 - SHARE.IT (Gateways between systems)





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Gulf of Aden

Case study for info sharing with the Industry

ASPIDES REGISTRATION AND PROTECTION PROCESS

1 REGISTERING

2 REQUEST FOR PROTECTION

3 PROTECTION



COORDINATION



SHIPPING REGISTERING on MSCHOA

SHIPPING REQUESTING PROTECTION

ASPIDES FHQ
ASPIDES.FHQ.NCAGS@mschoa.org
eunavforaspides.ncags@gmail.com

<https://on-shore.mschoa.org>

REQUEST

Sends IORIS registering email

Sends link for IORIS Chatroom

- Ship's flag
- Nationalities of crew members
- Company / owner / operator nationality
- Type / sensitivity / beneficial ownership of cargo
- Flag of insurance company

MSCHOA

ASPIDES NCAGS Cell
postmaster@mschoa.org
aspides_msc@mschoa.org
MSCHOA-LNO-ASSISTANT@mschoa.org

SHIPS
Connects to IORIS

LIVE COORDINATION
IORIS CHATROOM

THE DATA OF THE PARTICIPANT IS PROTECTED

PARTICIPATION IS COMPLETELY ANONYMOUS

VALID EMAIL & PHONE NUMBER AT SEA

CONFIRMATION

ACCOMPANYING SHIP



ACCOMPANIED SHIP

FHQ



IORIS – Accompaniement feedback

MICA Indian Ocean 9:54 25/4/2024 Good afternoon, Welcome on IORIS. TEST. Please... could you acknowledge ?	MICA MICA Indian Ocean Manager MICA [redacted] ENT.MSC [redacted] MICA MANAGER - MDAI [redacted] FNS [redacted] ger MICA Center	MICA MICA Indian Ocean Manager MICA [redacted] ENT.MSC [redacted] MICA MANAGER - MDAI [redacted] FNS [redacted] ger MICA Center
FNS Lorraine 9:56 25/4/2024 French Destroyer [redacted] TEST OK	FNS [redacted] 0:09 17/4/2024 G this is [redacted] After your course to portside 100°	FNS [redacted] 15:41 24/4/2024 de AL: R+
MV S [redacted] 11:45 25/4/2024 gd day	FNS [redacted] 0:09 17/4/2024 Information: This morning between 7 00 a.m and 7.30 a.m (Local Time), FNS [redacted] will take position on your portside at 300 yards. Please. Don't move during this time. If any problem or in emergency, use your wristie (6 wristie short song) and call me on VHF 72 immediatly (otherwise please use this chat or telephone)	FNS [redacted] 16:19 24/4/2024 AL de [redacted] This is the end of your close protection. You can continue your way on your own. Thank you very much for your safe navigation Fairwinds and followings seas. Have a good watch ! FNS [redacted] crew - French Navy
GRANDE [redacted] 12:20 25/4/2024 ok noted	FNS [redacted] 0:29 17/4/2024 G this is [redacted] After your course on portside 070°	FNS [redacted] 15:19 24/4/2024 de AL: R+ We the Philippine crew of this, would like to thank you all From the Lcdr and to the lowest rank. Your dedicated courage protecting us, make us secured and safe! Thank you very much!
FNS [redacted] 12:26 25/4/2024 Good afternoon Captain, Sir, Miss, This is the officer of the watch of French Destroyer [redacted]. Here are the indications for the close protection. This chat is the primary mean of communication between GRANDE [redacted] / MV S [redacted] and FNS [redacted]. Please use this call sign [redacted] / FNS [redacted] / G / GRANDE [redacted] / MS - MV S [redacted]. In case of emergency only, we will use phone : +0033 (0) 4 94 02 04 74 (Bridge - Officer of the watch phone). Not contact by Tchat room and téléphone, use VHF by DSC	MSC [redacted] 0:45 17/4/2024 Confirmed course 070	FNS [redacted] 16:21 24/4/2024 AL de [redacted] Thank you. Good watch
	MSC [redacted] 0:48 17/4/2024 Can you confirm we ate in communication now	
	FNS [redacted] 1:05 17/4/2024 alter course on portside 060°	

EASY TO REGISTER - MAXIMUM DISCRETION – RELIABLE

CLOSE EU CIV MIL COOPERATION





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Questions?

