

# Mitigating Maritime Security Issues through Enhanced Maritime Domain Awareness

## Galle Dialogue 2018

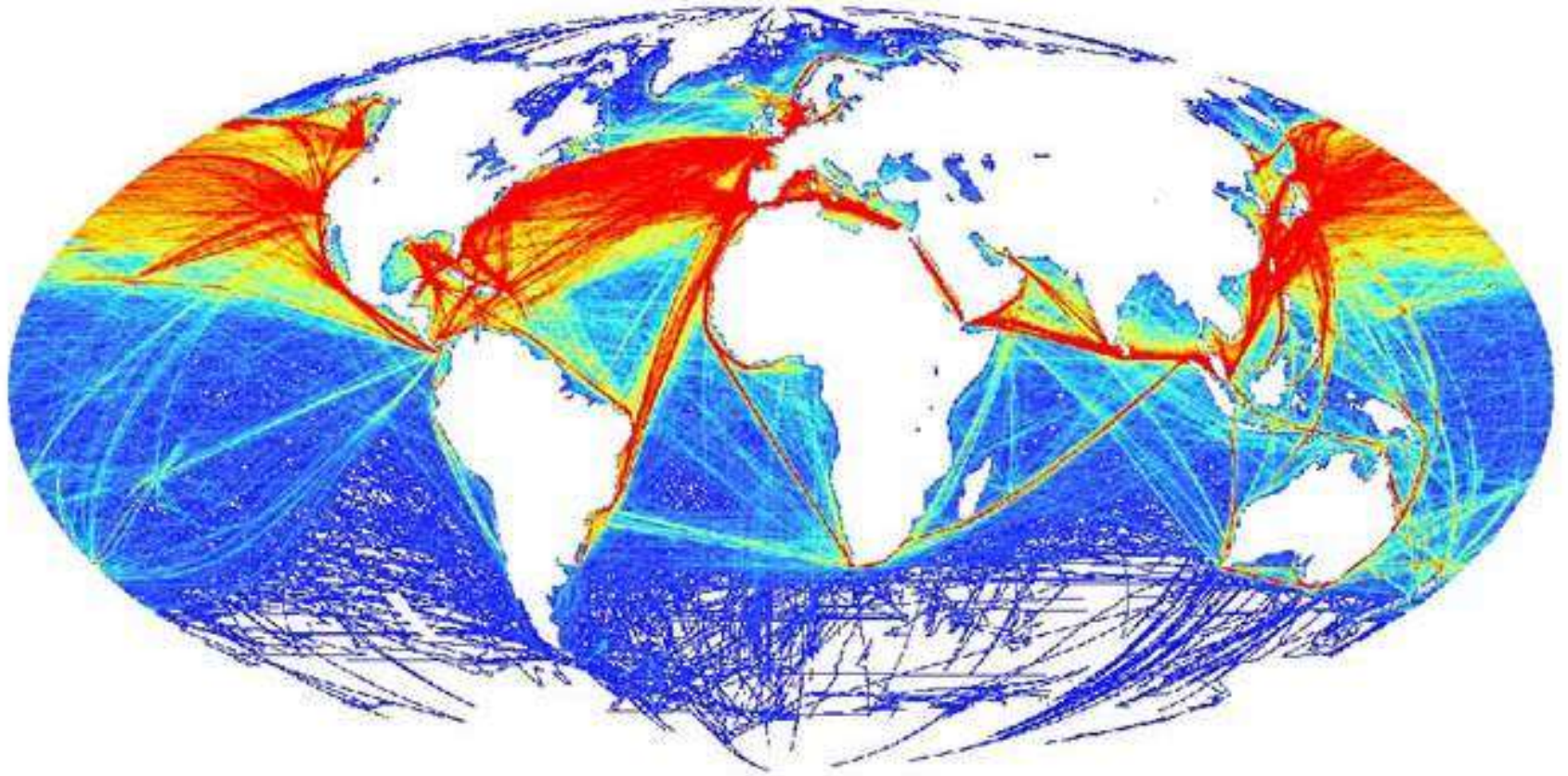
*Synergizing for Collaborative Maritime Management*

Captain (Navy) Matthew Coates  
Director of Naval Strategy  
Royal Canadian Navy

23 October 2018



# The Maritime Environment as a Global Commons



- 70% of earth's surface covered by water
- 80% of world's population lives within 100 km of the sea
- 90% of global commerce and 2/3 of the world's oil travels by sea
- 95% of intercontinental communication runs along cables on the sea floor

# The External Challenges



www.damir.com - GDXW8W



## PIRACY AND ARMED ROBBERY AGAINST SHIPS

ICC INTERNATIONAL MARITIME BUREAU

TOTAL INCIDENTS PER REGION  
JANUARY-DECEMBER 2017



**ICC**  
INTERNATIONAL  
CHAMBER  
OF COMMERCE  
The world business organization

#IMBpiracy

@IMB\_Piracy



# Mitigating Maritime Security Issues - MDA

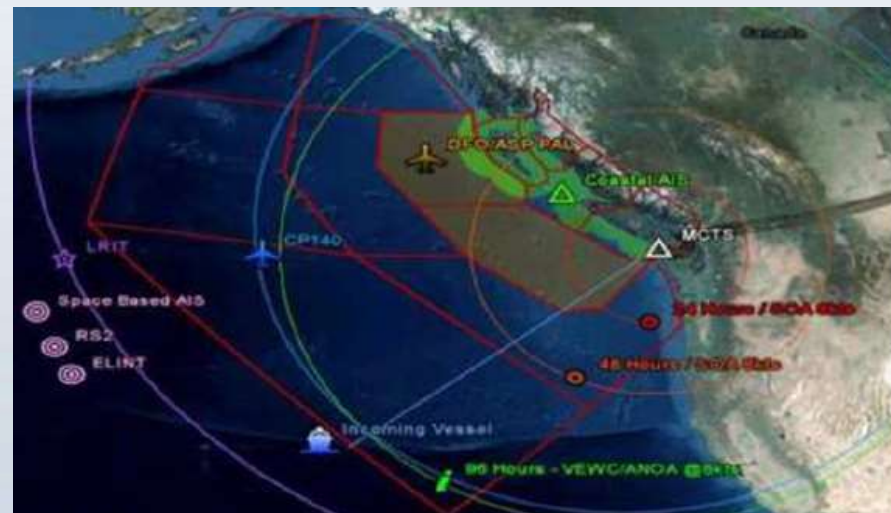
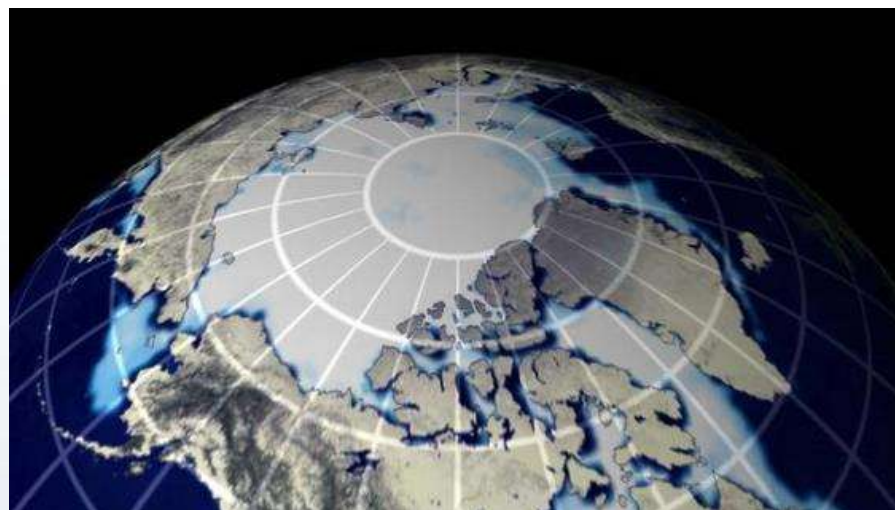
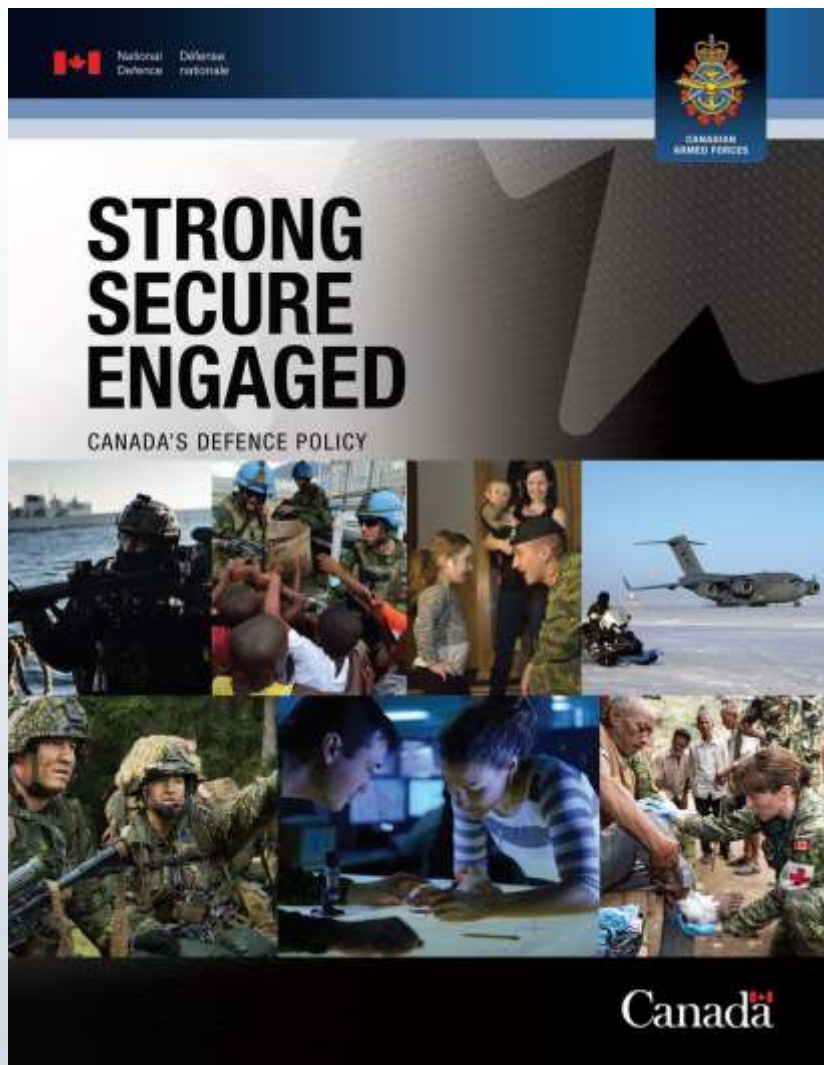


Maritime Terror  
Counter-Intelligence  
Migration  
Narcotics  
Prohibited Cargoes  
Economic Exploitation  
Marine Pollution  
Piracy & Marine Crime  
Vessel Movements

Carnival Cruise Line Unveils the Cruise Industry's Largest  
Fleet Operations Center in Miami

gCaptain 14 May 2018 courtesy of Carnival Cruise Lines

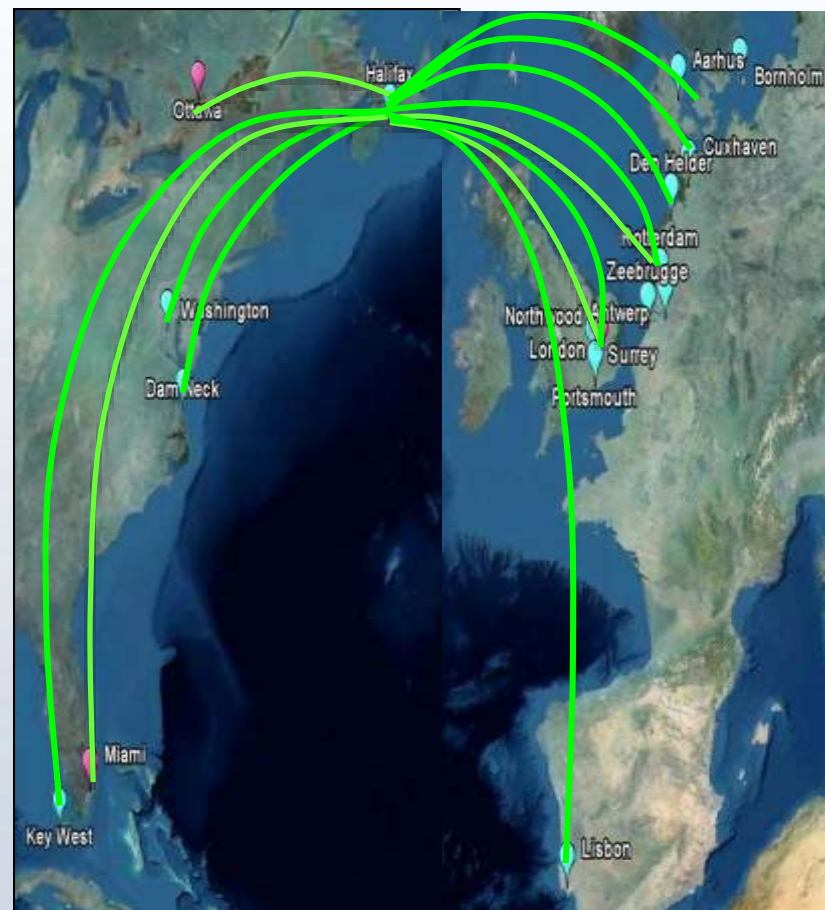
# The Internal Challenges



# The Governance Function



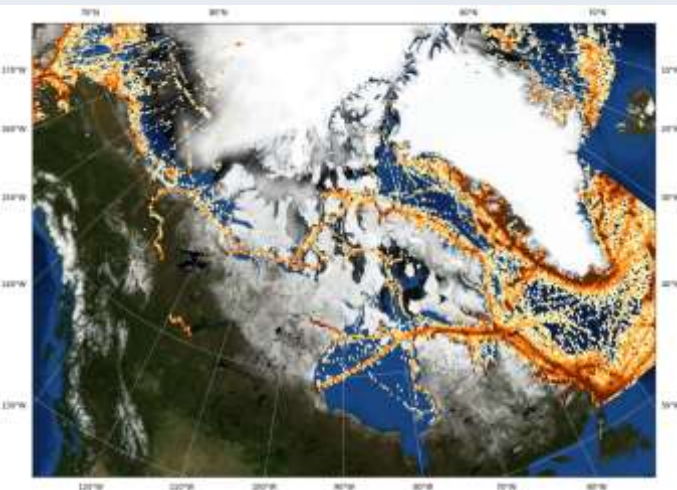
NORAD



# Maritime Situational Awareness



*Establishing Collaborative Info-Sharing Networks  
Creating A Regional **Network Of Networks***



# Support to Preventing Maritime Terrorism





# Maritime Security Capacity Building



# Conclusion

