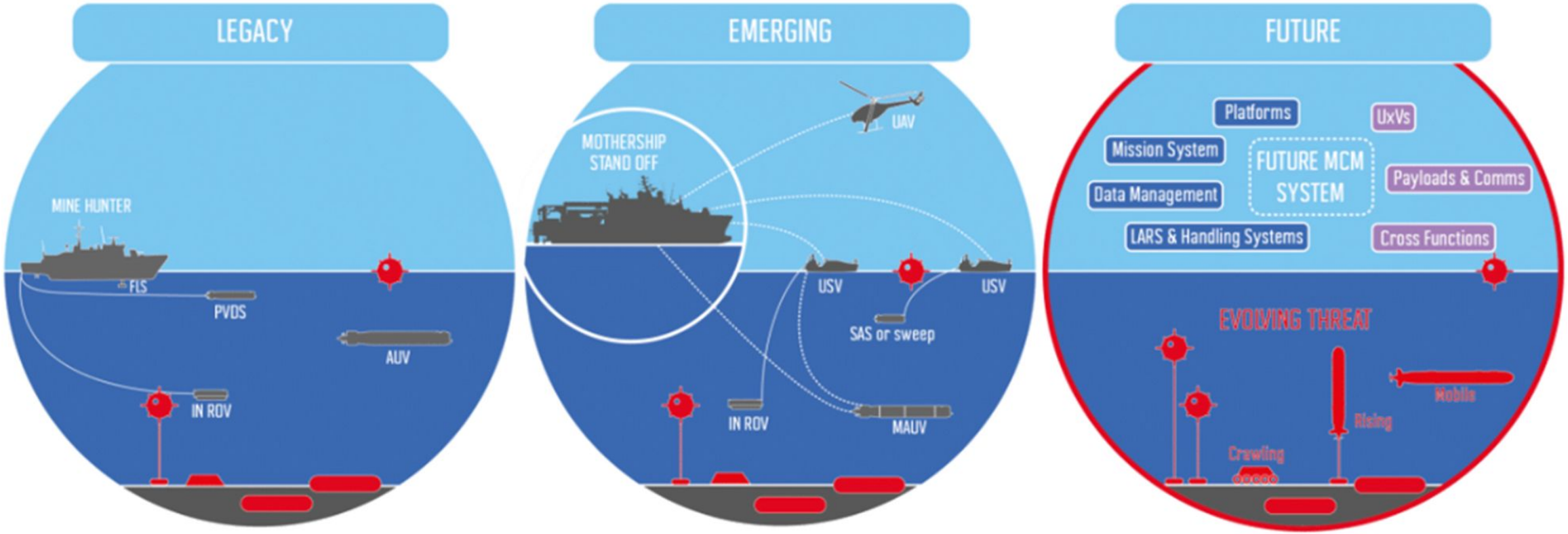
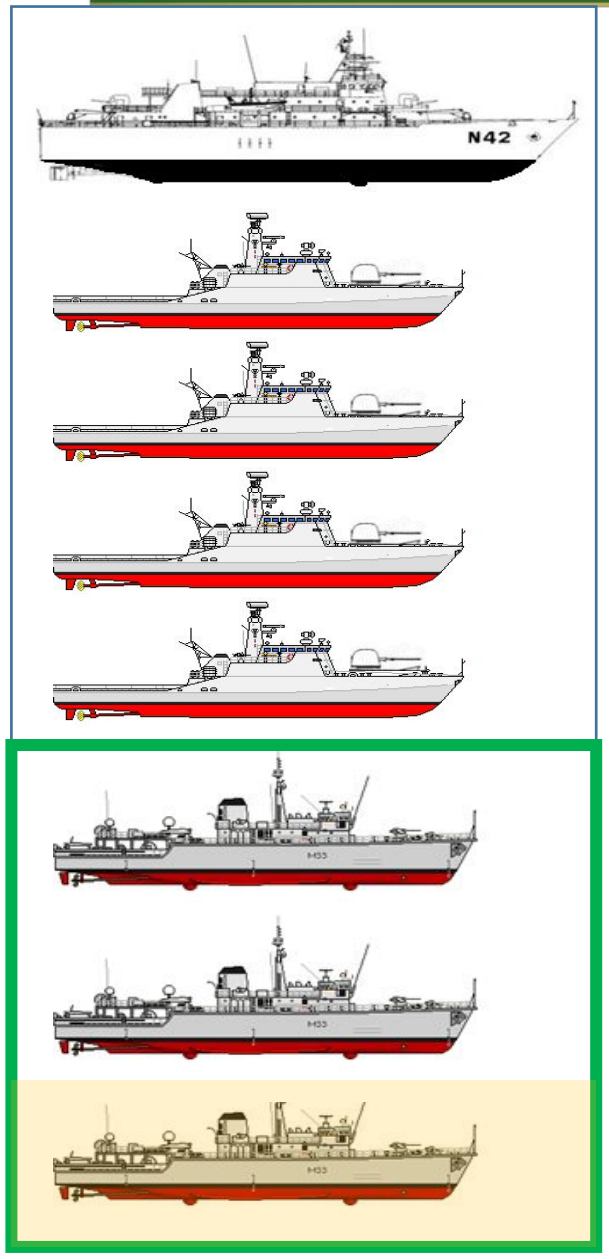
FUTURE UPGRADES OF LITHUANIAN NAVY MCM CAPABILITIES

LCDR Vytautas Drejeris
Commanding Officer
LNS “KURŠIS“ (M54)

DEFINING THE FUTURE



LITHUANIAN NAVY FLEET DEVELOPMENT CONCEPT

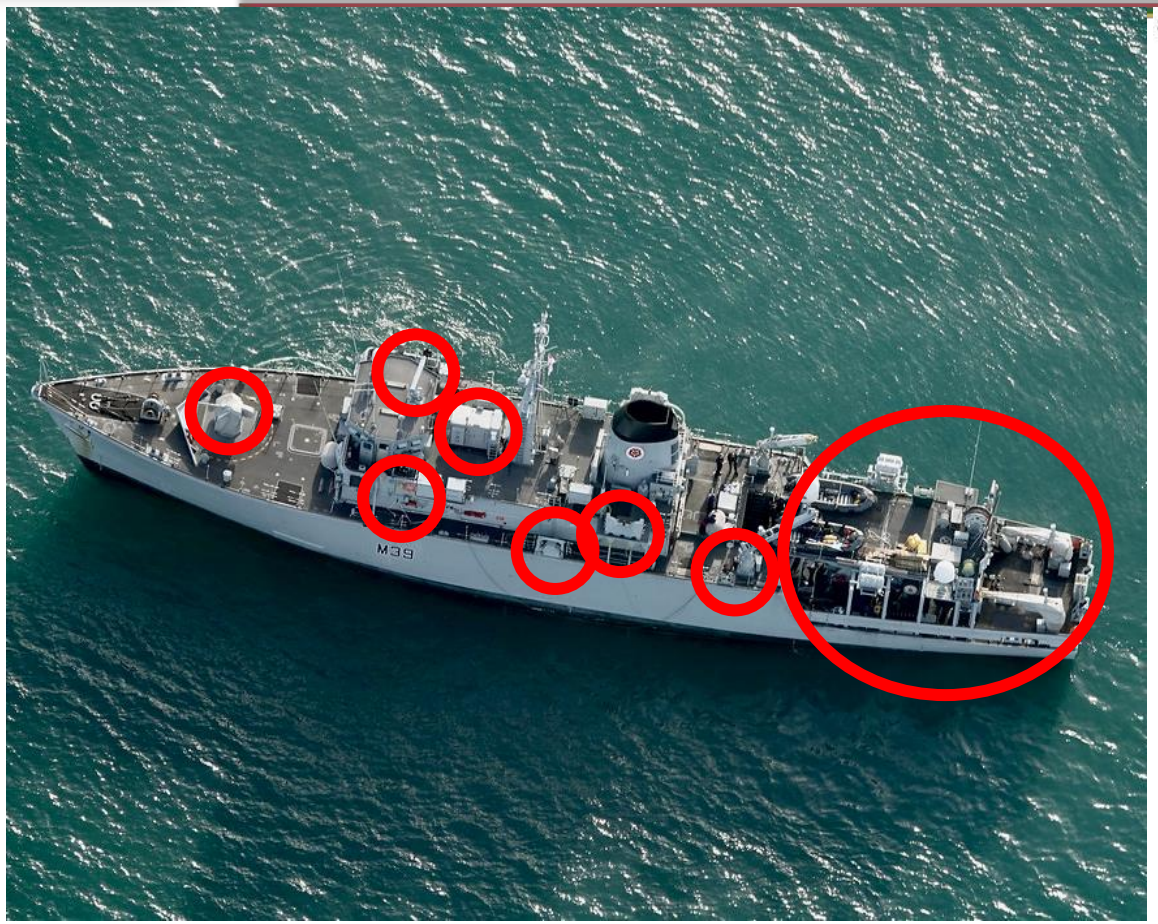


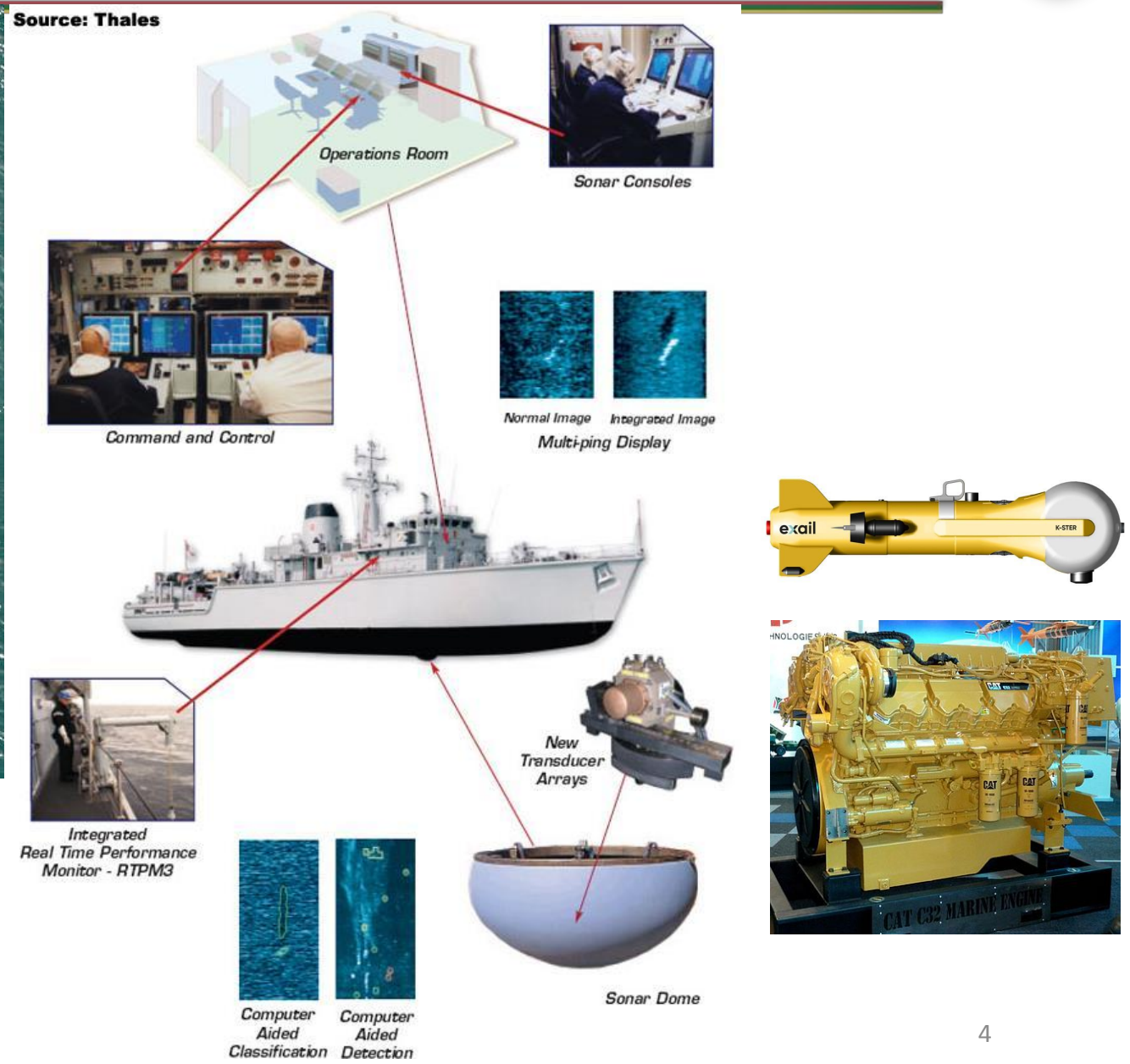
2030 TRANSFORMATION 2035

- SIMPLIFIED LOG SUPPORT AND PERSONNEL TRAINING
- OPERATIONAL FLEXIBILITY
- MORE SUBSTANTIAL CONTRIBUTION TO NATO/EU
- ACTIVE ENGAGEMENT WITH INDUSTRY AND R&D

All visuals are purely associative

“HUNT” vs “SKALVIS” CLASS



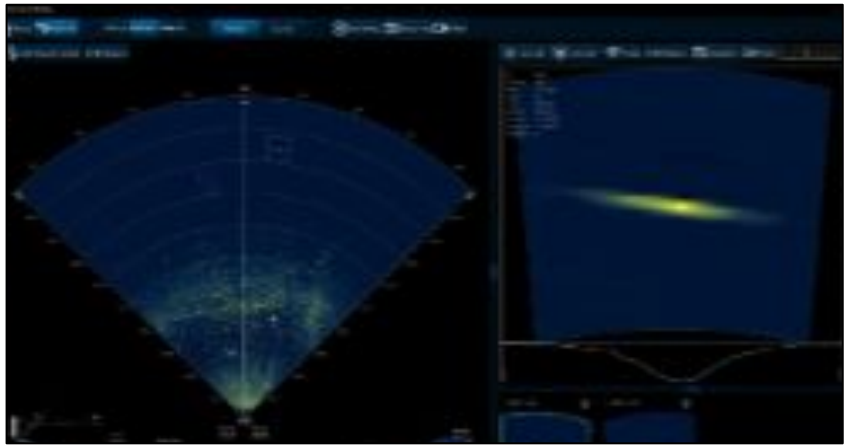


“Hunt” class regeneration project (Ex HMS Quorn)

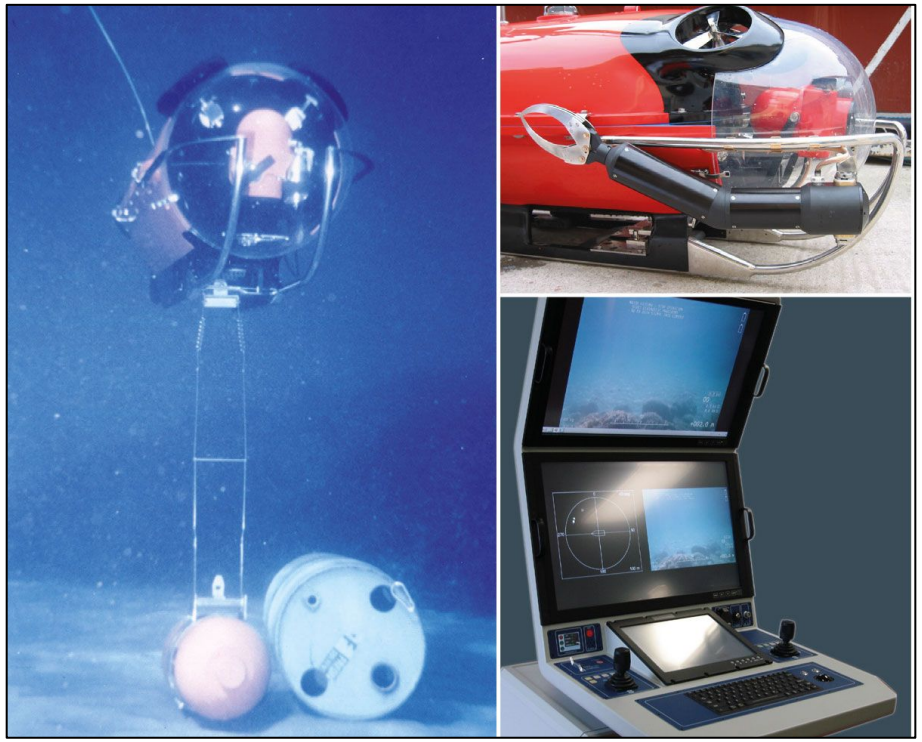
MSI DS30M SeaHawk A1
(Bushmaster 44S 30 mm gun)

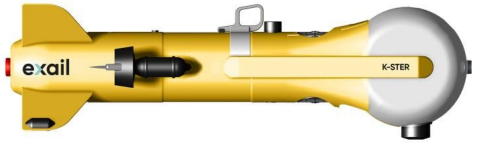
IdRobotica PILOTA C2 system

Teledyne SeaBat 7123-MkII sonar

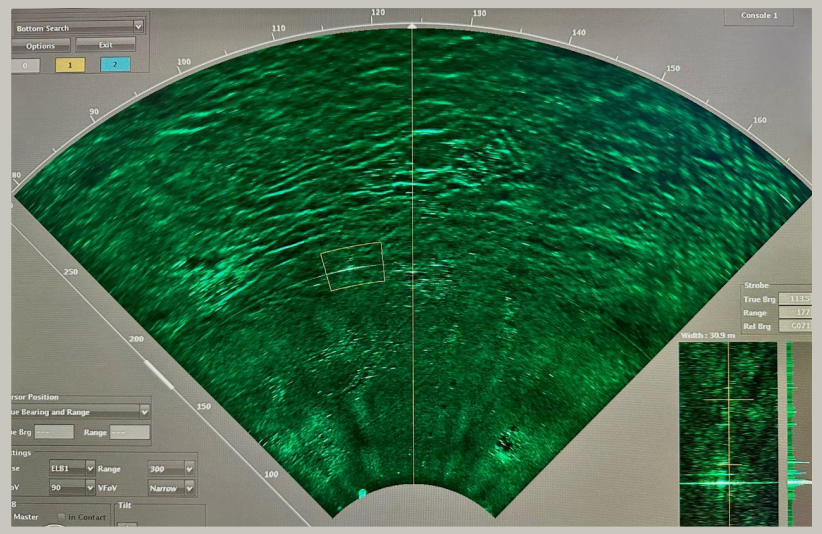


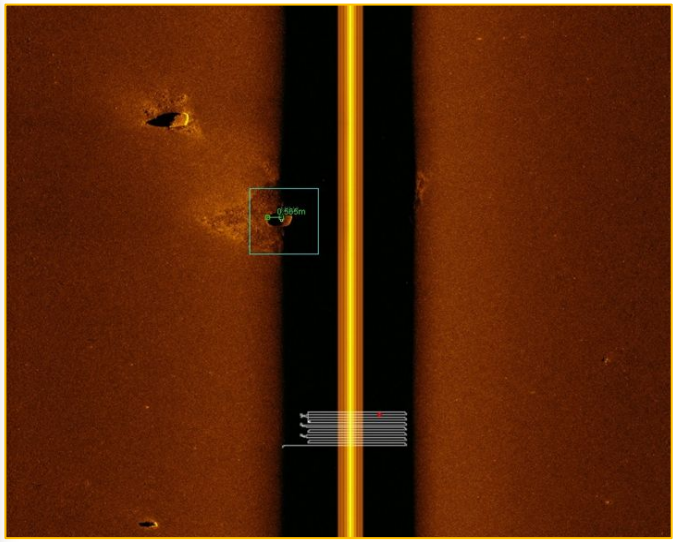
MCMV regeneration project (Ex HMS Quorn)

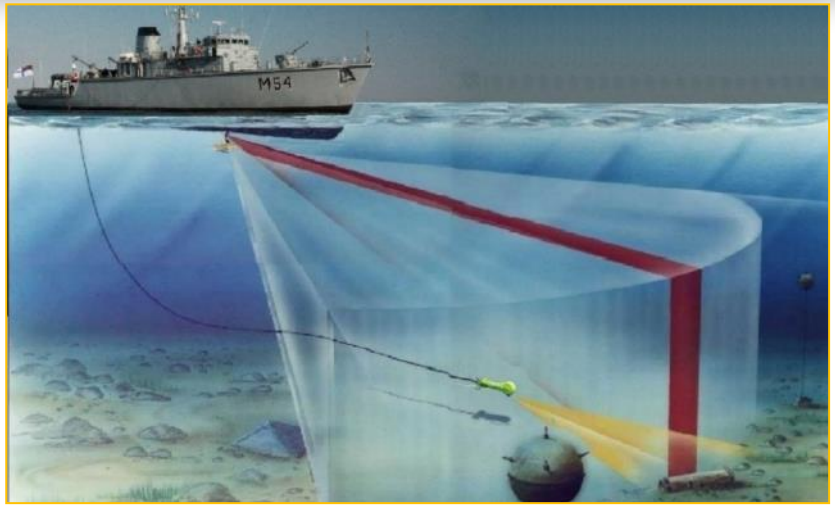




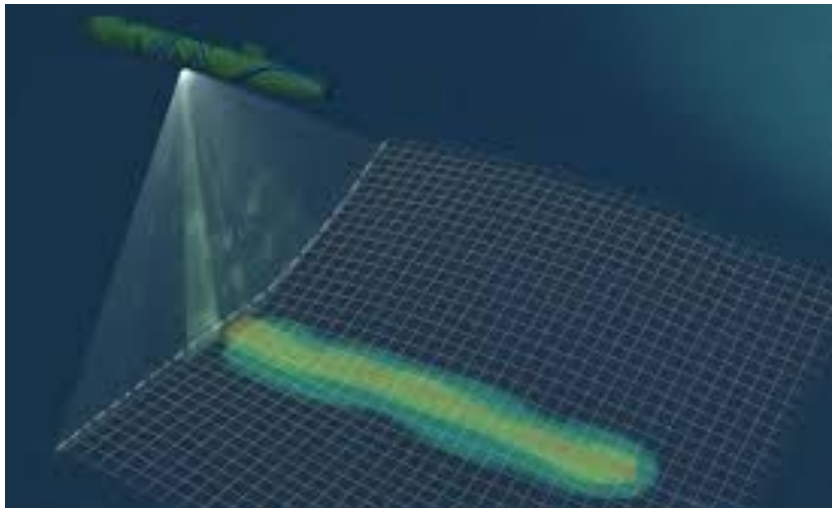
Combining conventional and autonomous systems



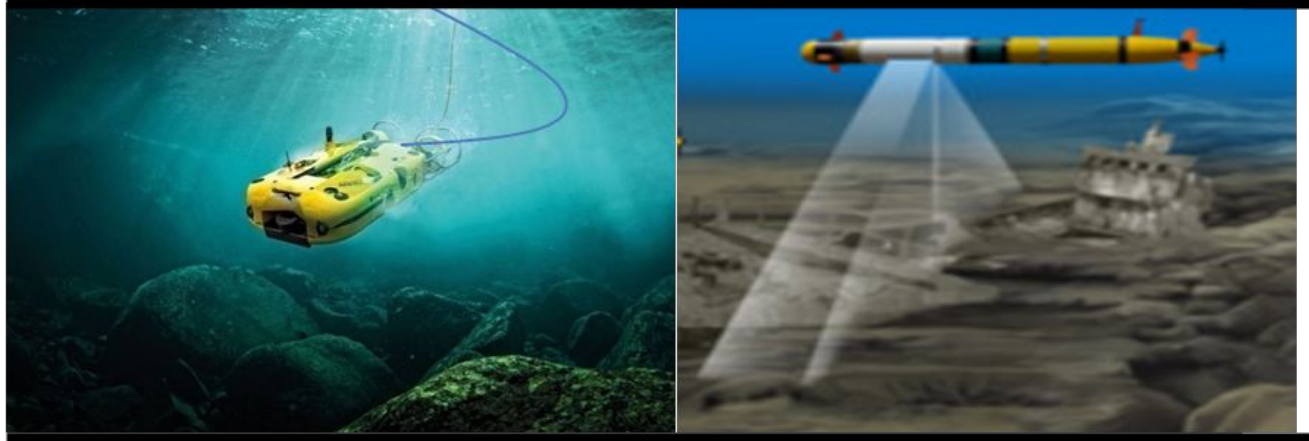




Combining conventional and autonomous systems

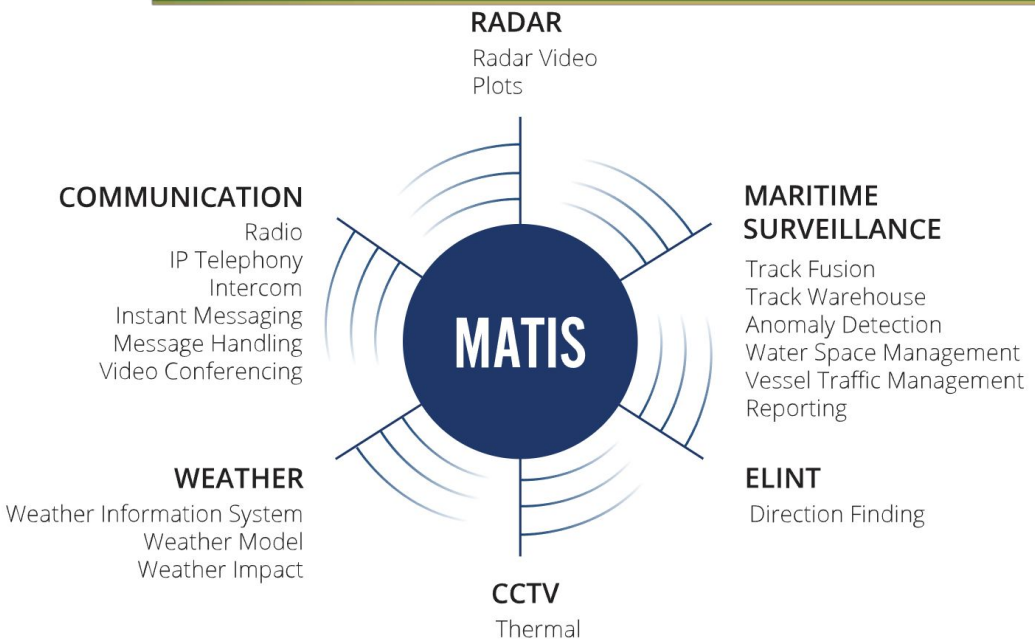


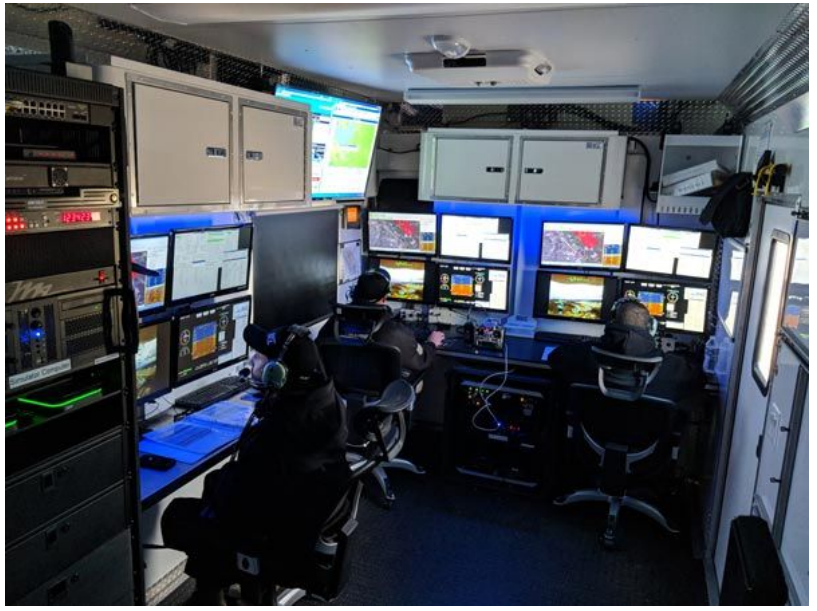
Bottom type A-B



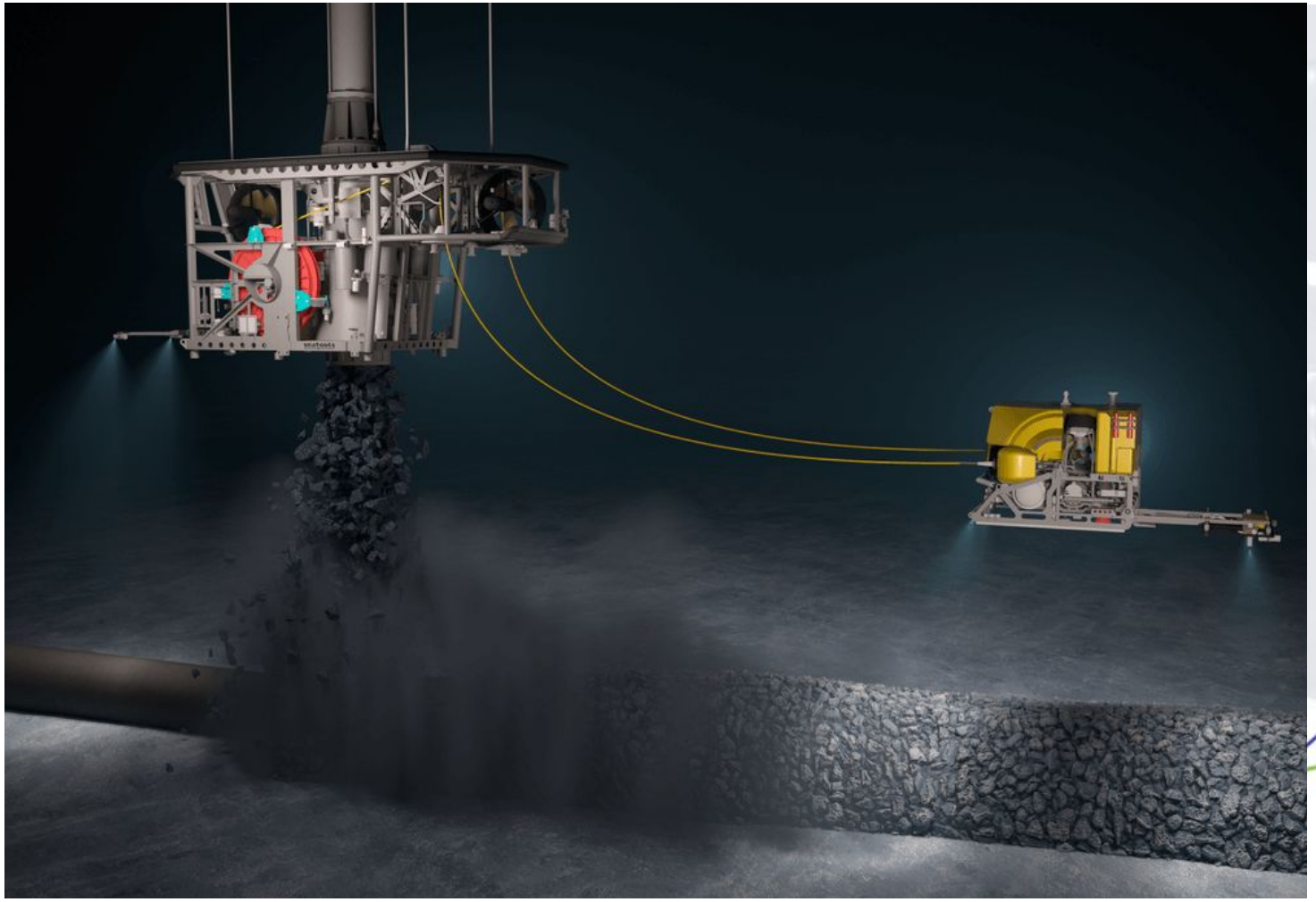
Bottom C
Thermal layers
Depths > 80 m
Bottom D

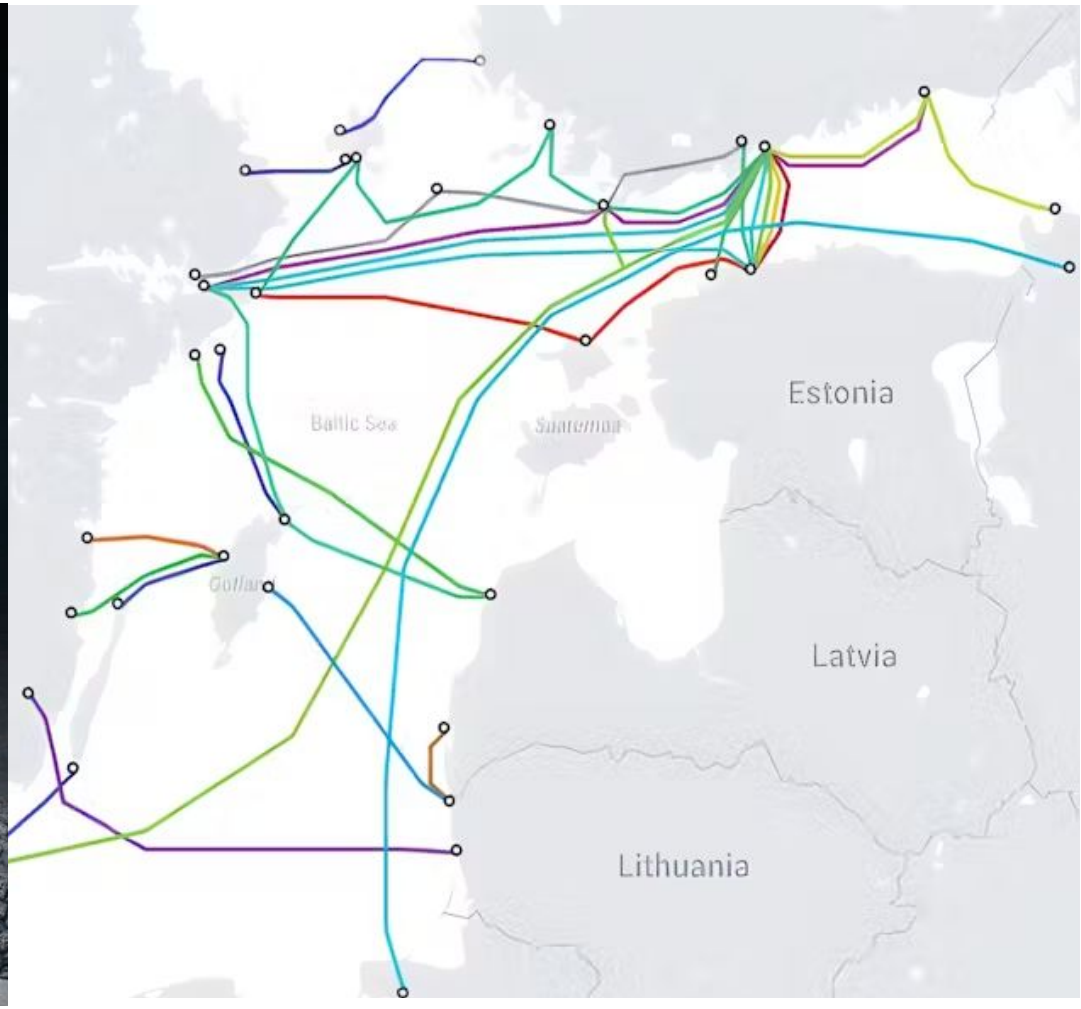
Other “Skalvis” class minor upgrades





KEY CONSIDRATIONS





CONCLUSION

1. The swift advancement of unmanned technologies presents challenges, particularly in terms of integration with existing legacy systems.
2. Unmanned systems are unlikely to completely replace manned platforms in the foreseeable future; therefore, the focus should be on enhancing the collaborative potential between both types of systems.
3. Key areas for strategic collaboration encompass autonomy, payload development, design processes, testing methodologies, and the joint development of doctrines to ensure seamless integration.

Questions