

# C-FLEX PATROL

## MISSION SUPPORT

### Maritime Challenges

Maritime order forms an important component of national security. Maritime order aims at preserving the freedom at seas, facilitating, defending commerce, and maintaining good governance at sea.

In Terma, we have developed a new generation of our mission proven C-Flex system that puts the operator and operational mission in the center. C-Flex is designed to provide effective and unparalleled tactical awareness within the domains of Maritime Safety, Maritime Security and Power Projection.



### Beyond Integration

C-Flex is based on Terma's C2 platform that has been actively developed and matured in close collaboration with the Royal Danish Navy over the past decades. C-Flex thus offers a reliable in-service NATO proven Command and Control capability. Our new generation of C-Flex is designed around 3 core themes that collectively simplifies the use of a modern maritime system.

#### The 3 core themes are:

- Operational Mission Support
- User Experience
- Automation

C-Flex is thus the ideal choice for multi-role naval vessels that require tactical awareness.



## C-Flex Core Features

<b>Track Management</b> <ul style="list-style-type: none"> <li>• Auto Correlation</li> <li>• Kinematic and Static Data Fusion</li> <li>• Classification</li> <li>• Identification</li> </ul>	<b>Tactical Tools</b> <ul style="list-style-type: none"> <li>• Measurement Vectors</li> <li>• Area Management</li> <li>• Tactical Patterns</li> <li>• Intercept - Fast In/Out</li> </ul>	<b>Track Surveillance</b> <ul style="list-style-type: none"> <li>• Area Surveillance</li> <li>• CPA / Collision Detection</li> <li>• Operational Alerts</li> <li>• Track / Threat Evaluation</li> </ul>
<b>Sub-System Integration</b> <ul style="list-style-type: none"> <li>• Control</li> <li>• Data</li> <li>• Status</li> <li>• Video Feeds</li> </ul>	<b>Situation Display</b> <ul style="list-style-type: none"> <li>• 4K Display Canvas</li> <li>• S57/S63 Sea Charts</li> <li>• MIL-STD 2525 Track Symbols</li> <li>• True Motion / Relative Motion</li> </ul>	<b>Documentation</b> <ul style="list-style-type: none"> <li>• Tactical Recording</li> <li>• Video Recording</li> <li>• Synchronization</li> <li>• Report / Replay</li> </ul>

## Operational Capabilities

C-Flex enables maritime crews across commands to collaborate, make fast and informed decisions and take actions to maintain governance at sea. C-Flex is flexible and modular and can be configured to match your exact operational needs.

