

Norwegian Maritime Cyber Resilience Centre

Our Vision:

Unified resilience
against cyber
threats for
Norwegian
Shipping and
Maritime Sector



NORMA CYBER

Our Values:

Trusted
Solid
Innovative

Our Set-Up:

Mutually owned by
Norwegian Shipowners
and Operators



DEN NORSKE KRIGSFORSIKRING FOR SKIB
GJENSIDIG FORENING
The Norwegian Shipowners' Mutual
War Risks Insurance Association



Norges
Rederiforbund
Norwegian
Shipowners'
Association

Current Overview



114 Member organisations



Represented with 2 469 Vessels



12 Employees



Offices and Operations Room in Oslo, Norway

Services:



- Intelligence & information sharing

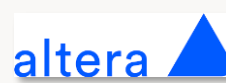


- Response

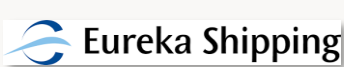
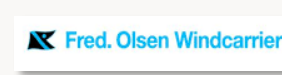
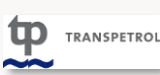


- Security Operations

Our members:



114 members – 2 469 vessels



Maritime Vendor Members:

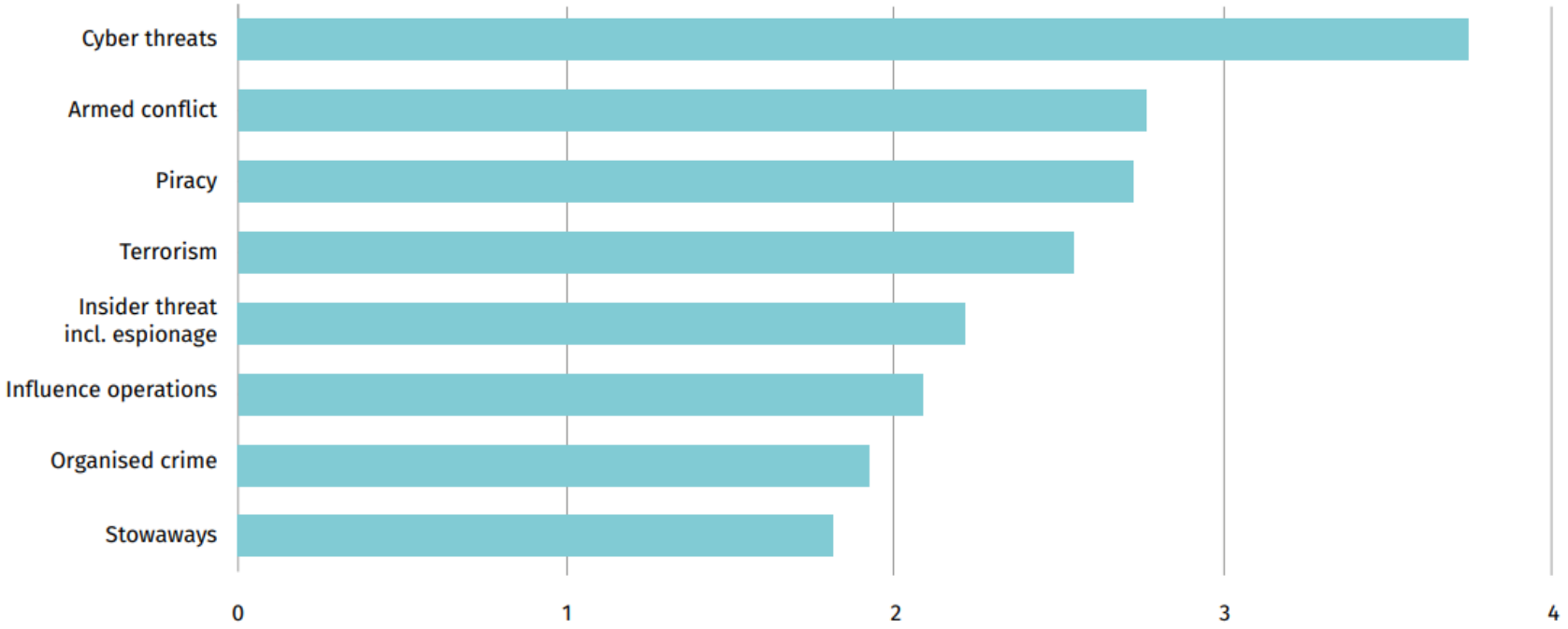


An aerial photograph of a deep fjord, likely in Norway, showing steep, forested mountainsides and a narrow body of water. A small boat is visible in the middle of the fjord, leaving a wake. The sky is overcast and hazy. The text "Why focus on the threat landscape?" is overlaid in the center in a white serif font.

Why focus on the threat landscape?

The impact of security threats on shipping companies' operations

Scale from 1 to 5 where 1 = Insignificant and 5 = Highly significant



Source: BDO AS/Norwegian Shipowners' Association

SECURITY RISK ASSESSMENT



SECURITY RISK ASSESSMENT





NORMA Cyber assessment of the maritime
cyber threat landscape

Annual Threat Assessment

Nation state actors

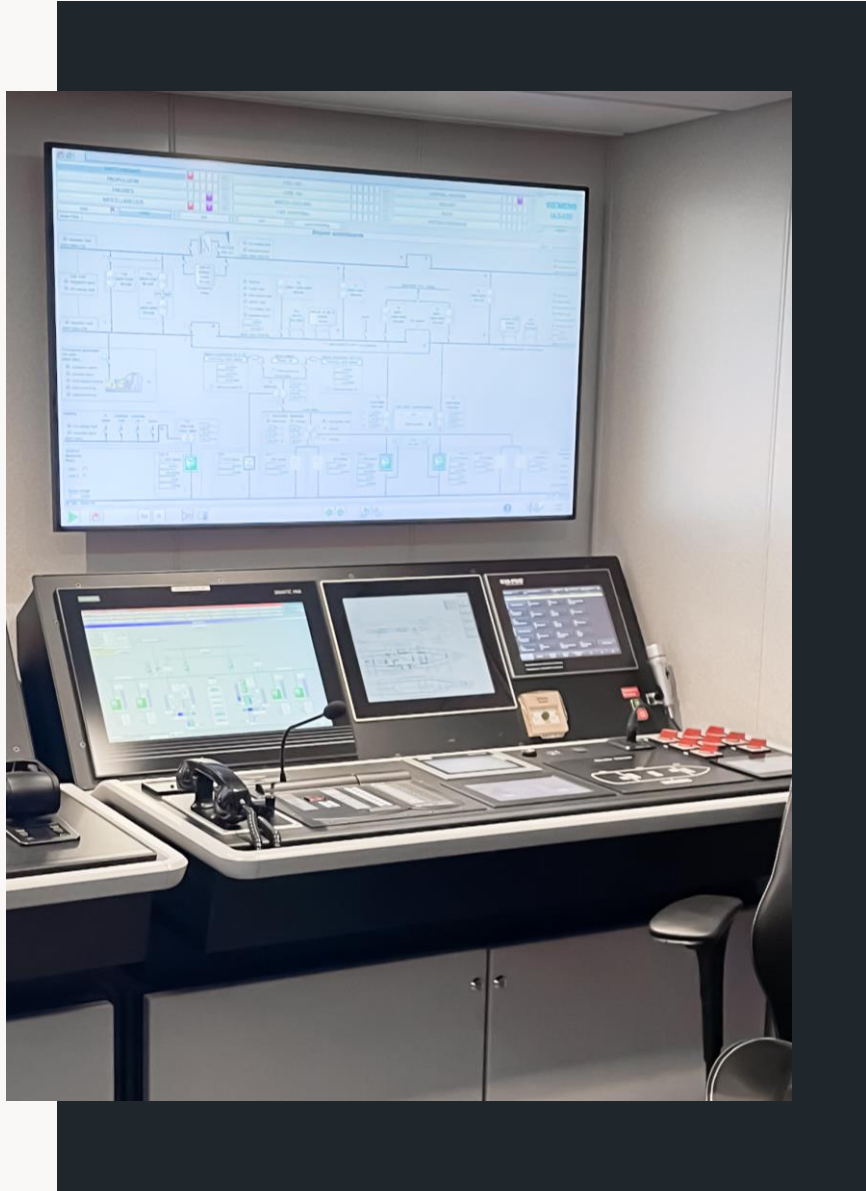
- GNSS interference
- The espionage threat from nation state
- Threat towards maritime OT

Cybercrime

- Fraud
- Ransomware
- Phishing and Malware distribution

Hacktivism

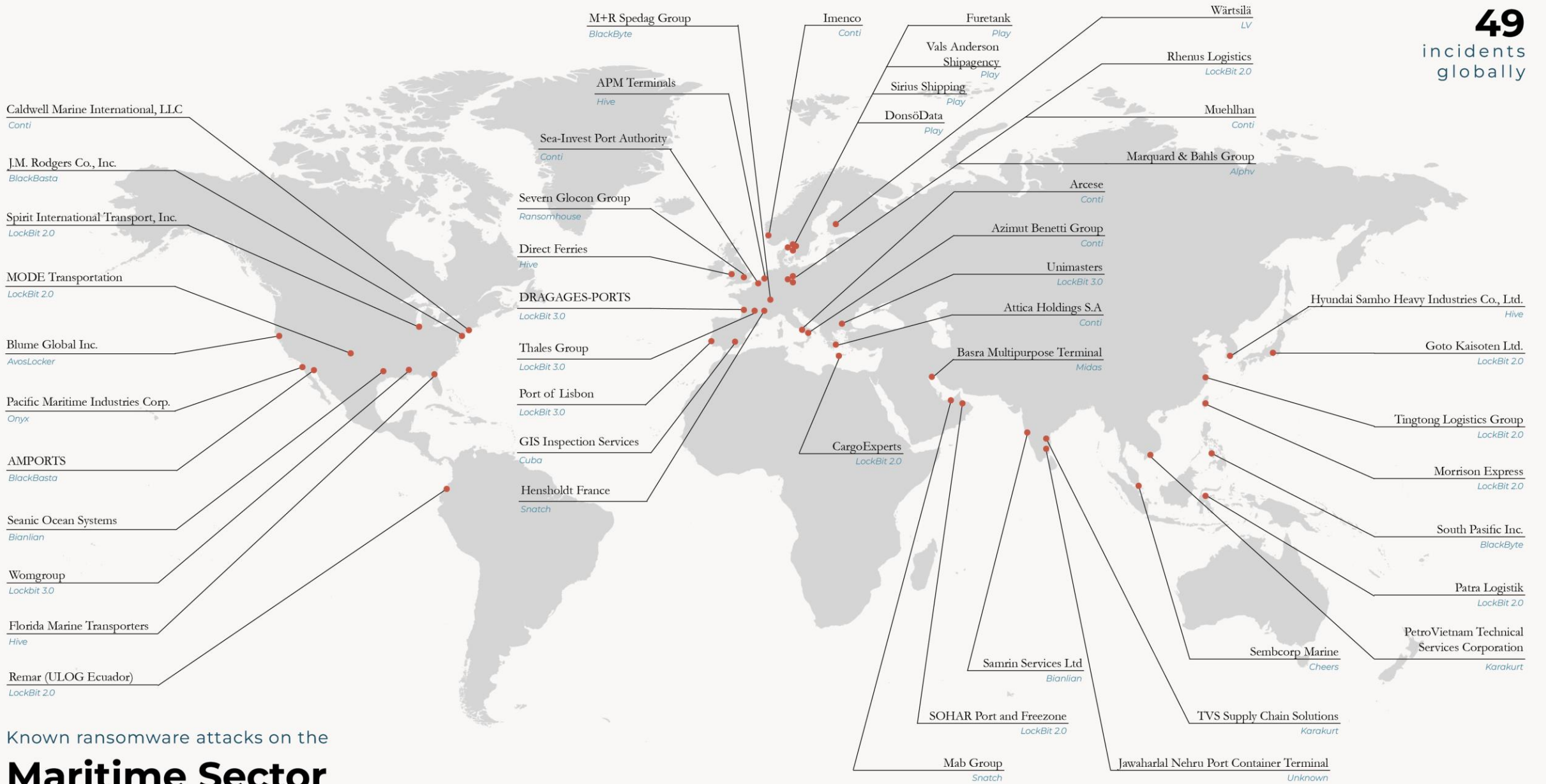




Threat towards maritime OT

49

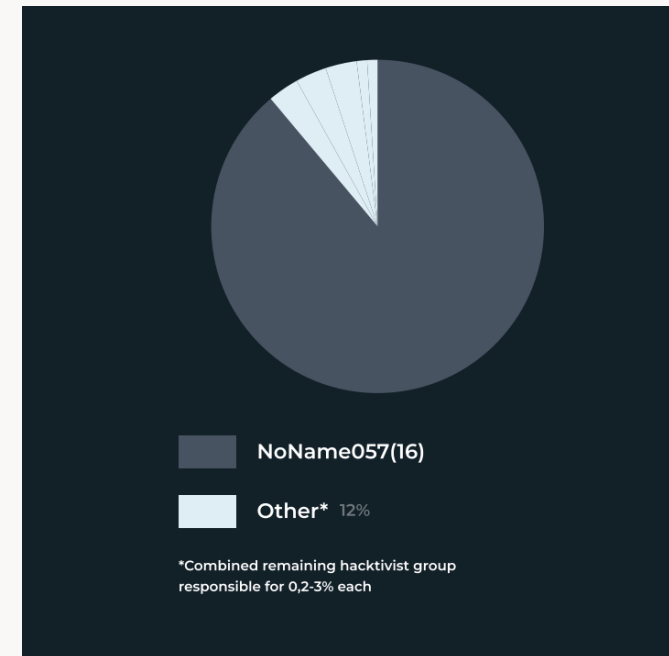
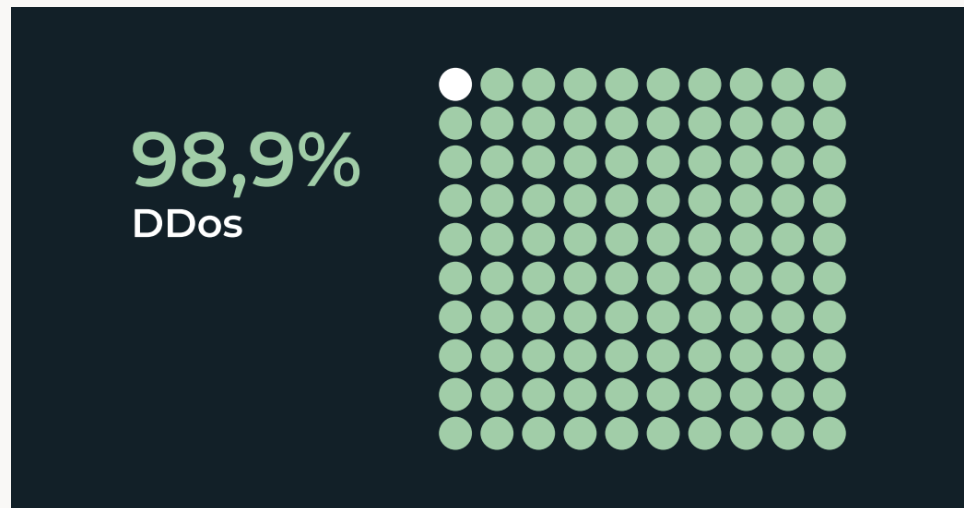
incidents globally



Known ransomware attacks on the
Maritime Sector
 January 2022 - December 2022

Hacktivism

- The amount of DDoS attacks towards maritime entities surged in 2023. NORMA Cyber registered 440 hacktivist attacks towards maritime entities, all but five were DDoS attacks.



Norwegian Maritime Cyber Resilience Centre

Contact information

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Questions?



NORMA
CYBER