



ECSCA

European Community Shipowners' Associations

The impact of digitalization on shipping and maritime

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ECSCA

European Community Shipowners' Associations

About ECSCA

- Representing 19 national shipowners' associations of the EU and Norway
- Founded in 1965
- Promotes and protects the interests of European shipping
- Brussels Secretariat – 9 employees

Digitalisation in shipping

- ECSCA encourages the use of electronic information and electronic certificates.
 - They decrease the administrative burden and operational costs.
- Topics of today's presentation:
 - Skills and training
 - Environment
 - Safety
 - Cybersecurity
 - Trade

Skills and training

- Need to train or upskill the employees and the crew so that:
 - They can use the digital tools
 - They are aware of the cybersecurity risks
- Digitalisation offers opportunities for shipowners
 - but data needs to be well reported in these databases.
- Upcoming challenge: multiplication of the reporting schemes will increase the burden for companies

Environment

- At the EU level, many databases to report data linked to environment legislation exist:
 - Ex: THETIS MRV for reporting emissions
- Importance of centralised or interoperable systems
- Easier and faster to use than paper documents
- Risk of multiplication of the databases
 - Better to enhance the existing ones that the industry is used to work with, rather than creating new ones

Safety

- ECSA is in favour of the increase use of electronic versions of certificates and documents in Port State controls
- Digitalization would help Member States with limited resources to conduct inspections in a more efficient manner.
- It may simplify and/or shorten inspections for the crew.
- Digitalisation also allows for data to be compared and analysed.
 - Ex: EMSA annual safety report

Cybersecurity

- Existing requirements and drivers to cyber-risk management for ships:
 - International standards: important to keep EU standards aligned with them,
 - Industry best practices,
 - Vetting programmes are in place for shipping companies to demonstrate to charterers and cargo owners that cyber risk-management is implemented on-board ships.
- Importance of raising awareness of 'cyber-hygiene' across all industries

Trade

- Importance of centralised or interoperable systems
- European Maritime Single Window is a step in the right direction
- Improved communication between stakeholders along the supply chain is key to ensure resilient supply chains



Thank you !

