UNECE

Strengthening security on inland freight routes

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Conflicting Pressures

- Transport underpins our global economy
  - Increase global growth
  - Reduce transport costs
  - Increase speed of vessels
  - Increase turnaround and automation in port
  - Economies of Scale

- Transport creates major problems
  - Working conditions
  - Pollution
  - Reduce stowaways
  - Sustainable development
  - Local ownership

IT
Increase access to data

Improve IT Security

Threats to Maritime Security

- Cybersecurity
  - Onboard, Ashore & AIS

- Pirates
  - Old vs. New

- Terrorism
  - Extremely tempting target

- Political effects
  - Flag States – MT Stena Impero

- Fraud
  - Paper documentation

Maritime vs. Land

- Very similar & very different business
  - Size of Consignment
  - Proximity to Consumers
    - Physically and in Value Chain

- Maritime – Easier to control
  - Difficult to access

- Containers – Bringing the 2 worlds together

Future

- Data

- IOT - Internet Connections

- Autonomous Vessels
  - Fewer crew

- Automated Systems
  - Less human oversight

- Connected Containers

- Reduce physical paper requirements

- Increase Transparency

- Increased Efficiency

Thank you

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