e-Navigation – Who is paying for the Party?

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Outline

• The Bahamas Shipowners Association
• Direction of e-Navigation
• Costs of e-Navigation
• Implications for shipowners
• Who is paying for the Party?
Bahamas Shipowners Association

• One of the larger Shipowners Association in the world
• Represent approx. 1000 high quality shipowners globally
• On the Paris & Tokyo MoUs White Lists
• Progressive
Bahamas Shipowners Association

Our role

• Monitor industry developments impacting BSA members
• Promote members' interests to regional, national, and international authorities
• Cooperate with international shipping bodies to promote mutually beneficial interests – ICS, IMO etc.
• Ensure BSA members’ commercial interests are represented
• Advance maritime and environmental sustainability at an international level, promoting safety and quality
BSA Vision

Proactively pursuing the interests of our Members closely collaborating with Flag State and influencing industry.

BSA Values

Progressive, Effective, Trusted, Visible
e-Navigation – Where are we Heading and Who is running the show?

- Need for an Agreed, Coherent and Worldwide solution
- Regulated or Voluntary?
  - Both, but they need to be coherent
- IMO, IHO, IALA, EU, etc.
- Manufacturers, Projects & Authorities have a responsibility
Direct costs of e-Navigation

• Costs for Shipowners as well as Authorities
  - Deferred to shipowners...

• Equipment
• Installation
• Breaking in systems
Indirect costs of e-Navigation

- Socio-technical aspects, e.g.
  - changes to operations
  - training of personnel
  - information overload (info environment)
  - navigational risks
  - information handling
- Cyber risks
- Commercial aspects
  - changes to a historically sound contractual regime
Implications for shipowners

• Uncertainty
• Cannot see Return on Investment
• Yet another scheme to adapt to
  - Allocation of resources
  - Organisational structures
• Concern regarding supplier / technology driven regulation
e-Navigation – Who is paying for the Party?

- Technology driven development
- Nice to haves vs. Need to haves
- Manufacturers will want return on investment
- Competing systems
- Minimising costs is decisive
e-Navigation – Who is paying for the Party?

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