



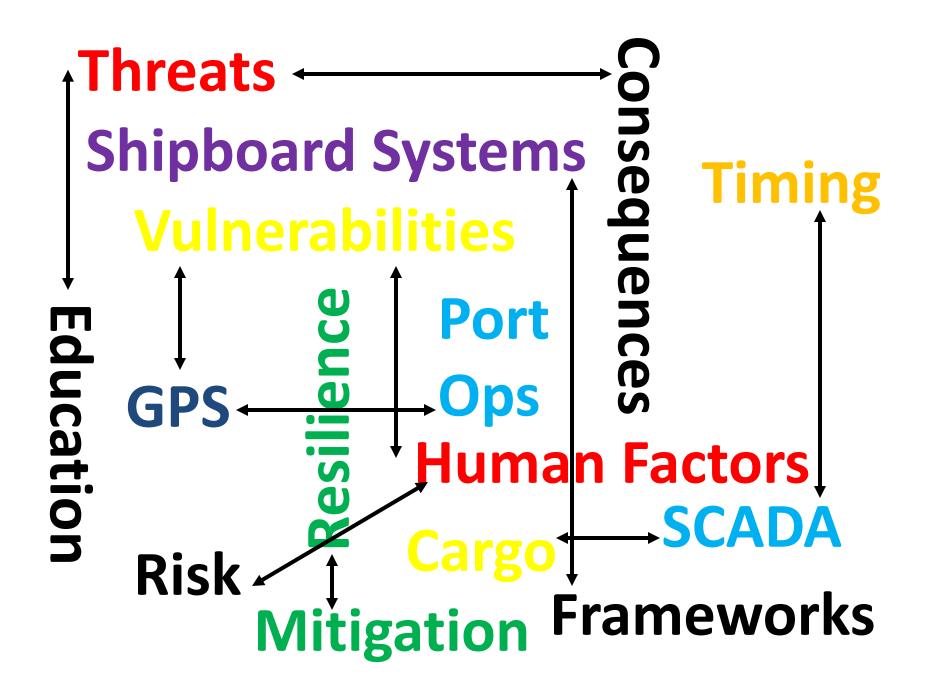
Volatile

Volatile Uncertain

Volatile
Uncertain
Complex

Volatile
Uncertain
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Ambiguous





# To function in a VUCA environment organizations must:

- Anticipate the Issues that Shape Conditions.
- Understand the Consequences of the Issues and Actions.
- Appreciate the Interdependence of Variables.
- Prepare for Alternative Realities and Challenges.
- Interpret and Address Relevant Opportunities.

#### Based on the presentations and discussions during this event:

- We are just beginning to understand the broad array of issues that impact this domain.
- We do not fully understand the potential consequences of the issues and actions that we might undertake.
- We do not fully understand the interdependence of the variables especially the impacts in other domains.
- We are far from developing strategies to operate in alternative/degraded environments.
- We, as a maritime community, need to interpret all of the above and develop comprehensive strategies to develop mitigations and improve resilience.

#### Laying down a new track line!

- Continued research and collaborative approaches to identify the core issues and ability to mitigate their impact.
- Leverage Risk Management Frameworks to begin to understand the consequences and prioritize the actions we undertake.
- Conduct broad reaching exercises to test our plans and fully understand the impacts in other domains and the supply chain.
- Leverage the above to enhance overall resilience of the MTS.

#### Key way points!

- Build the community and be inclusive. Fed, State, Public, Private, Industry, Supply Chain, and Academia. Look at what the financial community has done.
- Unfettered exchange of threat, impact, and mitigation information. Leverage existing architectures and evolving information exchange policies to overcome liability concerns.
- Develop and codify voluntary standards and best practices for all cyber aspects of the MTS. Certify third party entities to conduct assessments and certifications.
- Create and share best of class training/outreach programs.

#### We are underway but need to turn a few more knots!

- Leverage the information and contacts obtained from this event. Share broadly and engage others.
- Watch for, read, and share the forthcoming CG Cyber Strategy.
- Engage in local Area Maritime Security Councils, FBI InfraGard, and Maritime ISAC.

#### Questions?

