

2019 Marine Board Spring Meeting

Inland Waterways – Institutional Considerations

The National Academies of
SCIENCES • ENGINEERING • MEDICINE



TRANSPORTATION RESEARCH BOARD



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Strategic Context

Grow Capacity

- Move more people and Cargo
- System Transparency

Reduce Environmental Impact

- Move the culprit
- All waste streams/ All MTS components
- Level playing field
- Grand Challenge

Increased Complexity

- Not just technology
- Safety and Environmental Management Systems
- CYBER

The Triple Challenge Driving Maritime Governance



Strategic Context

De-regulatory Environment

- Regulations Pros; consistency, certainty, set the floor
- Cons; reactive/market failure, costly, often ridged and take a lot of time
- LNG as Fuel
- CYBER
- SubChapter M

Regulation; Imperfect Governance Tool



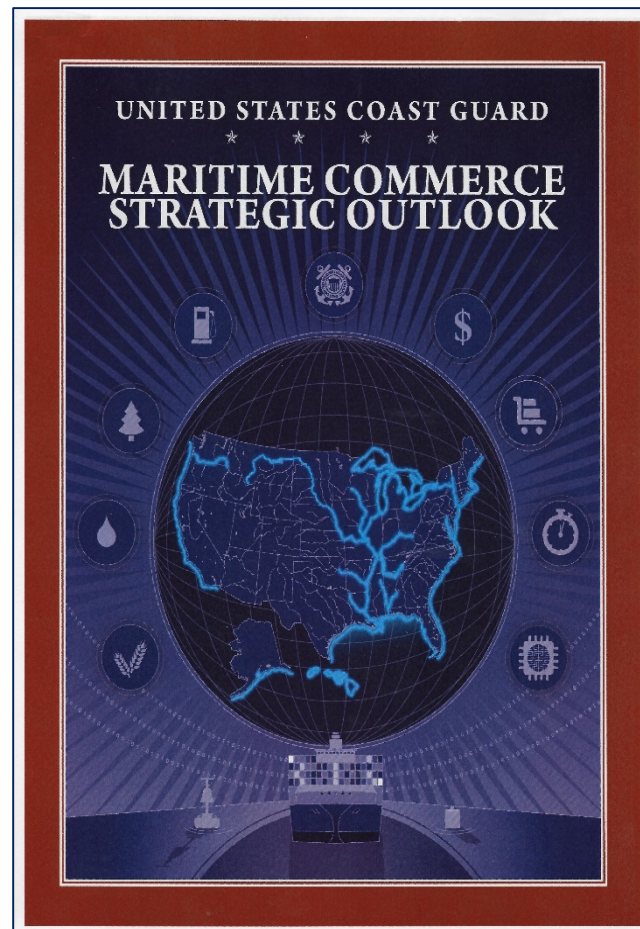


Strategic Outlook

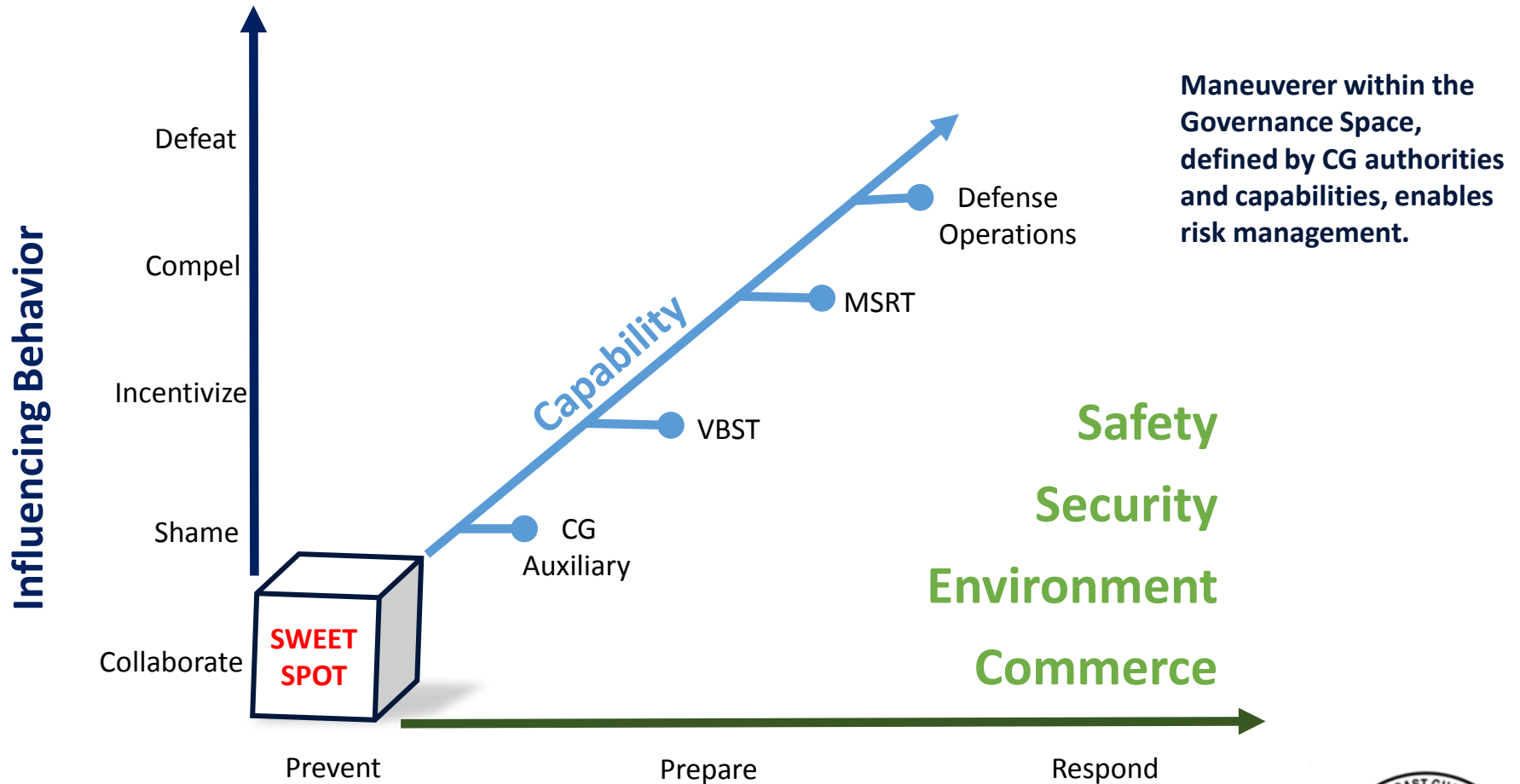


Lines of Effort:

- 1. Facilitating Lawful Trade and Travel on Secure Waterways**
- 2. Modernizing Aides to Navigation and Mariner Information Systems**
- 3. Transforming Workforce Capacity and Partnerships**



Governance Space





Strategic Outlook



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