BUILDING RESILIENT PORTS

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THE PORT OF VIRGINIA

• What’s good for the port…
• Ultra Large Container Vessels
• Investments
• Resiliency philosophy
ALL TERMINALS RESILIENCY STUDY

• Multi-phased study of facilities and processes to preserve continuity of operations across wide spectrum of natural and man-made events

• Identification of potential single points of failure and critical vulnerabilities

• Informs capital infrastructure investments and engineering/maintenance activities (budget creation)
NIT SOUTH STUDY

- $350M port investment
- Partnership with ODU’s Virginia Modeling, Analysis and Simulation Center for NIT South Conversion
  - Focused on critical infrastructure
  - Validates building higher and more hardened
- Ties into Master Plan and Enterprise Risk Management
NIT SOUTH STUDY
RESILIENCY PLAYBOOK

• Like an aviator’s pocket checklist
  • Immediate action items
  • Communications priorities
• Learning environment in which we operate
  • Lessons learned
  • Training
EXERCISES

• Robust and realistic exercises
  • Internal and external
  • Tabletop and field training exercises
  • Weather, cyber, personnel
• Foster trust and confidence
• Guarantee interoperability
• Understand capabilities
• Develop contingency plans
ACCESSIBILITY
FORTITUDE
HELPFULNESS
INNOVATION
MINDFULNESS
SUSTAINABILITY