

Port - Harbor Emerg. Mgmt. Track 1

- Who is end user?
 - Civilian - Military
 - Commerce - Trucking, Longshoreman, Trade Unions
 - State - Fed Agencies (Maritime Incident Response Teams)
- What is greatest need/challenge?
 - Command & Control (communication between agencies)
 - Quantitative Models needed to address emerg.
 - Communication - coordination for screening of visitors
 - Natural Disaster Response Coordination
 - Employee training
 - Positive/Verified ID of Visitors

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- Research Needed-Underway
 - Classification of incident/emergency detection, intelligence integration
 - Predictive analysis/Threat predictors
 - No way to do validation of past situations (cost/benefit) of previous solutions tried

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- Technology that could be 're-adapted'
 - Supply chain management
 - Aerial surveillance (UAV's could provide intel during emergencies)
 - Architecture Integration tools, multi-source 'system of systems,' systems integration
 - Smart Fence Technology/Situational Awareness Tools

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- Regional Partnerships to solve the challenge?
 - Civilian/DoD Ops centers
 - Full utilization of Univ. Research Ctrs
 - Private shippers - other competitor ports
 - Coast Guard COTP HR

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- How does this relate to other tracks?
 - Coordinated response is needed, connected systems, shared communication, comprehensive approach
 - Need for alt. energy sources for emergencies, also electricity sources
 - Reliable communications (back up communications), real time intelligence

Port - Harbor Emerg. Mgmt. Track 2

- Who is end user?
 - Commerce
 - State - Fed Agencies
 - Cities
 - Insurance Companies
- What is greatest need/challenge?
 - Interoperability
 - Duplication of efforts
 - Protection of assets
 - Effective cross-organization communication
 - Quick recovery
 - Resource tracking
 - Resources
 - Commonality of equipment
 - Good viable communication plan

Port - Harbor Emerg. Mgmt. Track 2

- Research Needed-Underway
 - Interoperability
 - Interagency COP that includes Port Authorities, Base Facility Security, Interagency including locals
 - Definition of requirements
 - Chemical Biological Radioactive Nuclear Explosives Detection (CBRNE)

Port - Harbor Emerg. Mgmt. Track 2

- Technology that could be 're-adapted'
 - Modeling & Simulation, synthetic training, serious gaming
 - Viable/Re-usable training using M&S with live tactical triggers/exercises
 - Could something like "On Star" be required on all boats, or encouraged by insurance regulations

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- Regional Partnerships to solve the challenge?
 - Political involvement
 - Need to tie First Responders (FD/EMT's) to who owns
 - Coordination of assets:
 - Law Enforcement
 - USCG/Navy
 - Harbor Patrol, etc
 - Managing coordination
 - First responders

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- How does this relate to other tracks?
 - All other tracks feed into good engineering management and end state results
 - Uses UAV's and sensor fusion for emergency management

Port - Harbor Emerg. Mgmt. Track 3

- Who is end user?
 - Civilian - Military
 - Communities, municipalities
- What is greatest need/challenge?
 - Interoperability
 - Protection of assets
 - Effective cross organization communication
 - Resource tracking, centralization of data sharing
 - Proactive vs. reactive
 - Consistent levels of capability
 - Making ports a national priority, funding the need

Port - Harbor Emerg. Mgmt. Track 3

- Research Needed-Underway
 - Predictive ability to determine intent
 - Need more end user involvement in current research
 - Ability to asses the form factor for operational environment (adaptability)

Port - Harbor Emerg. Mgmt. Track 3

- Technology that could be 're-adapted'
 - Supply chain management
 - Aerial surveillance
 - Arch. Integration tools 'system of systems'

Port - Harbor Emerg. Mgmt. Track 3

- Regional Partnerships to solve the challenge?
 - Missing - how needs of decision makers at multiple points are addressed in acquisition process
 - Need help to solve the strategy from operations to tactical

Port - Harbor Emerg. Mgmt. Track 3

- How does this relate to other tracks?
 - Use of common operating systems - information access
 - Cooperation means fewer steps to reach more people
 - Processes needed to pass on information immediately
 - Coordination with a wealth of data, need to turn into information for quick use