

# Maritime Security: Maintaining & Reconstituting Security Throughout Crisis

May 6, 2021



# Key Points

## Goal

- Intermediate Capability
- Full/Normal Capability

## Preparations

## Considerations

## Types of Incidents

# Who We Are

HudsonAnalytix is a US-based international business risk solutions company providing expertise and support to the world's leading commercial shipping, ports and terminals, insurance, and government sectors. Our clients include:

- Port Authorities and Terminal Operators
- National and Regional Port Systems
- Integrated Oil and Gas Companies
- National Oil Companies
- Global Maritime Transportation Companies
- Insurance Companies
- Governments



## Key Facts:

- Established in 1986
- Worldwide Presence:
  - Philadelphia (Global HQ)
  - Washington, DC
  - Seattle, WA
  - San Diego, CA
  - Rome, Italy
  - Piraeus, Greece
  - Jakarta, Indonesia (JV)
  - Manila, Philippines

## Operating Subsidiaries

HudsonMarine – Risk and Crisis Management

HudsonTrident – Physical and Cyber Security

HudsonTactix - Consequence Management

HudsonDynamix – Integrated Training Solutions

HudsonSystems – Management Systems Development and Improvement

A Practitioner's Guide to

### Effective Maritime and Port Security



MICHAEL EDGERTON

WILEY

## **Intermediate Capability**

- Open the port
- Temporary security system repairs
- Sufficiently Staffed

## **Full/Normal Capability**

- Resume previous port capacity
- Permanent security system repairs
- Fully staffed

# Preparations

## Small Investment, Big Return

- People
- Generators
- Radios

## Get Organized

- Stakeholders
  - Use of alternate facilities
  - Set expectations
  - Agreement
- How do you receive outside aid
  - Foreign workers/volunteers
- Plan
  - Pre-established priorities
  - Who makes decisions

# Considerations

## **Cell phone service**

- Historical examples (CDMX 2017, Lebanon port, 9/11)

## **Roads blocked**

- Staff unable to come to work
- Port products unable to get in/out

## **Your Staff affected by the crisis**

- Home damaged
- Family injured
- Isolated

## **Fuel shortage**

- Storage facility isolated
- How does it effect your port

# Types of Incidents/Crises

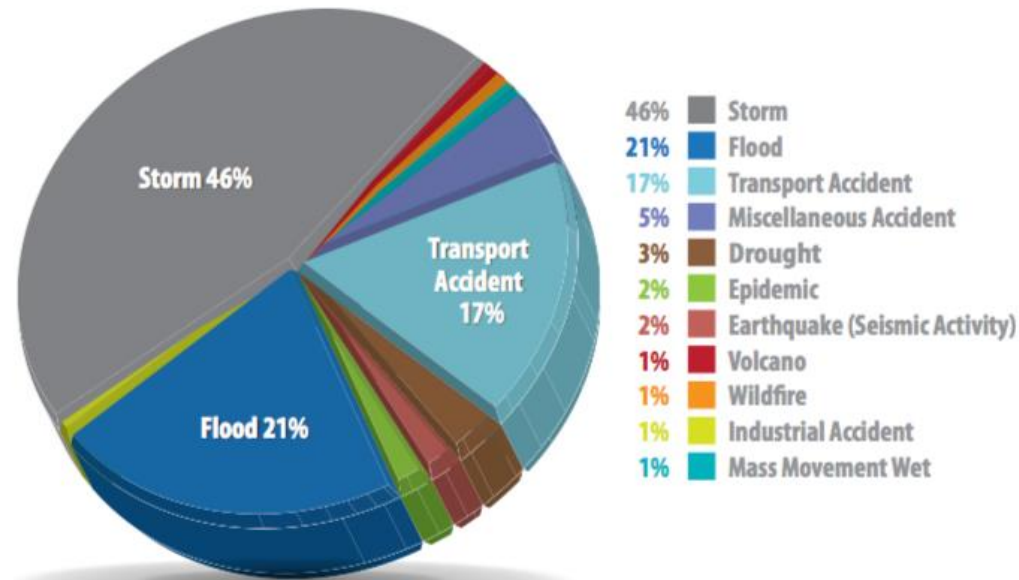


Figure 1: Distribution by Disaster Type/Caribbean 1980-2009

Source: EM-Dat 2010

# Types of Incidents

## Storm/Hurricane

## Flooding (Rain or hurricane surge)

## Transportation Accident

- Vehicle – main road closed for 48 hours
- Maritime
  - ship grounding
  - harbor entrance closed



# Regional Considerations

- Limited resources in a single country. Dependent on support from neighbors.
- Consider regional adoption of a standard command and control system to facilitate inter-governmental support (this is underway in an initiative led by CDEMA but it may possibly be considered for expansion).
- Identify vendors, providers and logistics requirements, including support to recovery. Develop pre-existing contracts and ordering agreements that can be activated as necessary.
- Where possible, include external partners in training and exercises.

## Thank You



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