Alabama State Port Authority
Hurricane Preparedness & Recovery

“Water is the driving force of all nature.”

Leonardo da Vinci
Who is the Alabama State Port Authority?

- An Agency of the State of Alabama
- Full Service, Primarily Operating Port With Container, Breakbulk, Dry Bulk, Liquid Bulk Operations and Refrigerated Cargos
- In FY05, ASPA Alone Handled 24+ Million Tons of Cargo

Where is the Alabama State Port Authority?

- At the Mouth of the Mobile River in the North End of Mobile Bay, 32 Miles North of the Open Waters of the Gulf of Mexico
ASPA Hurricane Plan

Preparations Begin at the Issuance of the National Weather Service’s Notification of a Tropical Storm/Hurricane Entering the Gulf of Mexico & Port Area is Located in the Watch/Warning Area

- COMMUNICATIONS & COORDINATION
  Before, During & After the Storm
- MONITORING
  National Weather Service – Intellicast – USA Coastal Weather Research Center – USCG Alerts
- SUPPLIES ASSESSMENT & PROCUREMENT
- ASSET PROTECTION
- EMPLOYEE PROTECTION
- RECOVERY
Communications Chain
Before, During & After the Storm

United States Coast Guard
U.S. Army Corps of Engineers
Port Senior & Supervisory Management
Harbormaster
State & Local Law Enforcement
  Port Police – State Troopers – City Police
Emergency Management Officials
Customers/Port Users
Media
Key Benchmarks in Preparedness

- **72 hours Prior to Landfall**
  - All Port Division Hurricane Plans Initiated
  - Communications Equipment Inventoried, Readied, & Distributed
  - Supplies Inventoried – Purchases Made
    - Fuel, Generators, Batteries, Cables/Wire/Rope, Plywood, Parts, Etc.
  - Non-essential Operating Equipment and Materials Stowed or Secured
  - Information Technology
    - File Backup, Non-essential Hardware Stowed
Key Benchmarks in Preparedness

- 48 hours Prior to Landfall
  - Communications: Alerts & Conference Call Schedules Implemented
  - Stow or Secure Non-Essential Operating Equipment Vulnerable to 40+ mph Winds
  - Mobilize All Portable Response Gear – Generators, Welders, Air Compressors, Pumps, Hoses, etc.
  - Fuel & Lubricate All Rolling Stock & Equipment
  - Fill Sandbags and Palletize for Distribution
  - Conduct Area Inspections
Key Benchmarks in Preparedness

- 24 hours Prior to Landfall
  - Communications: Step-up Alerts & Conference Calls
    Verify Locations and Phone/Radio Numbers & Radio Frequencies for All Essential & On-Call Personnel
  - Stow or Secure Essential Operating Equipment
  - Top Off Fuel & Lubricants for All Rolling Stock & Equipment
  - Install Window Protection
  - Schedule Shutdown of Water Mains
  - Sandbag Vulnerable Areas and Doors
  - Conduct Inspections
  - Non-essential Personnel Released from Work
Key Benchmarks in Preparedness

12 hours Prior to Landfall

- Communications: Final Conference Calls & Set Schedule for Post Storm Communications
- Shut Down Remaining Operations & Stow/Secure Remaining Operating Equipment
- Secure Power Sources Not Required for Minimal Operations & Shutdown Non-essential Water Mains
  
  Power & Water Only Manned Areas
- All Remaining Info Tech Equipment is Stowed & Preparations for Server Shutdown Begin
- Raise Slightly Leeward Facing Warehouse Doors to Relieve Pressure
Key Benchmarks in Preparedness

- 6 hours Prior to Landfall
  - Communications Continue
  - Last Minute Storm Checks Completed
  - All On-Duty Personnel Report to Stations (indoors)
Post-Storm Response

- Communications Status Assessed & Management/Employee Notifications Issued
- Port Damage Assessments Begin
- Schedule Conference Calls
  USCG – USACE – Utilities – Public Safety/Law Enforcement
- Essential & On-Call Personnel Called Back to Work
- USACE/USCG Inspections of Channels and Aids to Navigation Begin
- Port Recovery Efforts Begin
Hurricane Ivan

September 23, 2004

A Wind Event

Total Damages: $2.6 Million

Total FEMA Claims: $500,000
Hurricane Katrina

August 29, 2005

A Flood Event

Total Damages: $29 Million
Total FEMA Claims: $17 Million
HURRICANE KATRINA: DURING THE STORM
during first contacting on "P" side F’cle store.
Oil rig a grounded on the jetty, behind us appx 300 mtrs.
A LOOK AT POST-STORM DAMAGE
Mobile: Rapid Recovery
Hurricane Preparedness & Recovery

Thank You!

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