SECTOR OHIO VALLEY

OVERVIEW

Captain Michael B. Zamperini, Commanding Officer

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Missions

- Waterways Management
- Vessel Traffic Service
- Marine Safety
- Marine Inspection
- Marine Investigation
- Recreational Boating Safety
- Search and Rescue
- Aids to Navigation
- Ports, Waterways and Coastal Security
- Marine Environmental Response

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Area of Responsibility

- 10 States
  - Alabama
  - Tennessee
  - Kentucky
  - Indiana
  - Ohio
  - West Virginia
  - Pennsylvania
  - Illinois
  - Mississippi
  - Missouri

- 54 Congressional Districts
- 461 Counties

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Area of Responsibility

- 8300 miles of navigable waterways, 3000 used commercially
- 30 Major Lakes / 211 Dams / 57 Locks
- Major Rivers:
  - Mississippi
  - Ohio
  - Tennessee
  - Cumberland
  - Allegheny
  - Monongahela
  - Kanawha
  - Big Sandy
  - Kentucky
  - Green
  - Wabash
  - Tenn-Tom

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Port Details – General

- 5 nationally ranked ports for total annual tonnage
  - Cincinnati, OH (ranked 14th)
  - Huntington, WV (ranked 17th)
  - Pittsburgh, PA (ranked 31st)
  - Mt. Vernon, IN (ranked 62nd)
  - Louisville, KY (ranked 63rd)
- 600 million tons of commodities shipped annually
  - Coal
  - Petroleum
  - Chemicals
  - Grain
  - Manufactured Goods
Port Details - Fleet

- Inspected Towing Vessels (ITVs) – 1011 (almost 1/5th of nation’s fleet)
- Passenger Vessels – 88
- Tank Barges – 711
- Facilities – 298
Port Details – Ops Cycle

Spring (Mar – May)
- Major Flooding Response
- Interagency Training Commences
- Crew Competency Period
- Marine Event Calendar Commences
- Peak Boating Season Commences
- Small Passenger Vessel Inspections Commence

Summer (Jun – Aug)
- Red River Flood Response Support
- Rec Boating Safety Focus Ops
- Rec Boating Safety Ops
- Major Marine Events
- Hurricane Season Commences
- OP Drywater

Winter (Dec- Feb)
- Major Flooding Preparations
- Limited Boat Operations due to Cold Weather
- Main Admin /Training / Planning Period
- Contingency Planning Updates

Fall (Sep – Nov)
- Hunting Season
- Low Water Operations
- Prep for New FY Operations
- Close out Marine Event Calendar
- Rec Boating Safety Season Ceases

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79 recurring marine events including:

- Thunder over Louisville
- RiverFest Cincinnati (WEBN)
- Thunder on the Ohio
- Tall Stacks
- Madison Regatta
- Boomsday (Knoxville)
Port Details – Prevention Activities

- Facility Inspections – 1022 (600 ytd)
- Vessel Inspections – 2303 (997 ytd)
- Casualty Investigations – 301 (281 ytd)
- S&R Proceedings – 21 (41 ytd)
- Transfer Monitors – 107 (55 ytd)
Port Details – Response Activities

- Small Vessel Security Boardings
- Safety Zone Enforcement
- 4100 Boardings
- MCIKR Patrols
- CDC Escorts
- HCPV Escorts
- Pollution Cases

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Assigned Units/Forces

Personnel
- 281 Active
- 133 Reserve
- 20 Civilian
- 986 Volunteers

Assets
- 6 Buoy Tenders
- 8 RB-S
- 2 WR Flood Punt Teams

Facilities
- 1 Sector Office
- 3 MSUs
- 2 MSDs
Units – Shore Forces

- 3 Marine Safety Units (MSUs):
  - MSU Pittsburgh
  - MSU Huntington
  - MSU Paducah

- 2 Marine Safety Detachments
  - MSD Nashville
  - MSD Cincinnati
Units – Cutters

- 6 Cutters (WLRs)
  - Chena
  - Chippewa
  - Cimarron
  - Obion
  - Osage
  - Ouachita
WR Flood Punt Packages

**Capabilities:**
- Search & Rescue
- Victim Transportation
- Waterborne Logistical Support
- Vital Supplies Delivery

**Locations:**
- Paducah, KY
- Huntington, WV

**Response:**
- Deployable within 24 hours nationwide.
- Deployable within 2-6 hours in unit’s area of operations.

**Teams do not maintain the capability for swift water rescue.**
Capabilities – Comms

**LEGEND**

- High Level Site Coverage

**Approx 1191 miles of river have no CH16 Guard.**

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Capabilities – AIS

LEGEND
- Approx. area with AIS Coverage
- Approx. area with No AIS Coverage
Capabilities – Surveillance
Port Partners – EPA

- 4 EPA Regions
  - Region VII
  - Region V
  - Region IV
  - Region III
Port Partners – Waterways

- WAP
- HDWA
- CORMIG
- Ice Committee
- RIAC
- TCIC
- TVA
- ORSANCO

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Response Challenges

- 4 EPA Regions - EPA has lead for Inland Zone
  - MOA - CG assumes lead for spills/releases originating from waterfront facilities and vessels.
- No Area Committee - No Area Contingency Plan
- Limited PR/FOSCR billets for MOA requirements.
Response Challenges (continued)

Municipal/Industrial Water Intakes

- Reliance on ORSANCO
- Downstream notifications for municipalities/industry

Cincinnati Municipal Water Intake (1906)
Response Challenges (continued)

River Icing

- Breakaways
- Impacts to vessel maneuverability
- Salvage equipment delayed
Response Challenges (continued)

High water

- SAR
- Lowered air drafts on bridges
- L&D closures/restrictions
- Impacts to vessel maneuverability – vessel collisions/allisions
- Breakaways
- ATON impacts
Questions?