



UNCLASSIFIED / SENSITIVE SECURITY INFORMATION

SECTOR  
OHIO  
VALLEY



# 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





# Area of Responsibility

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

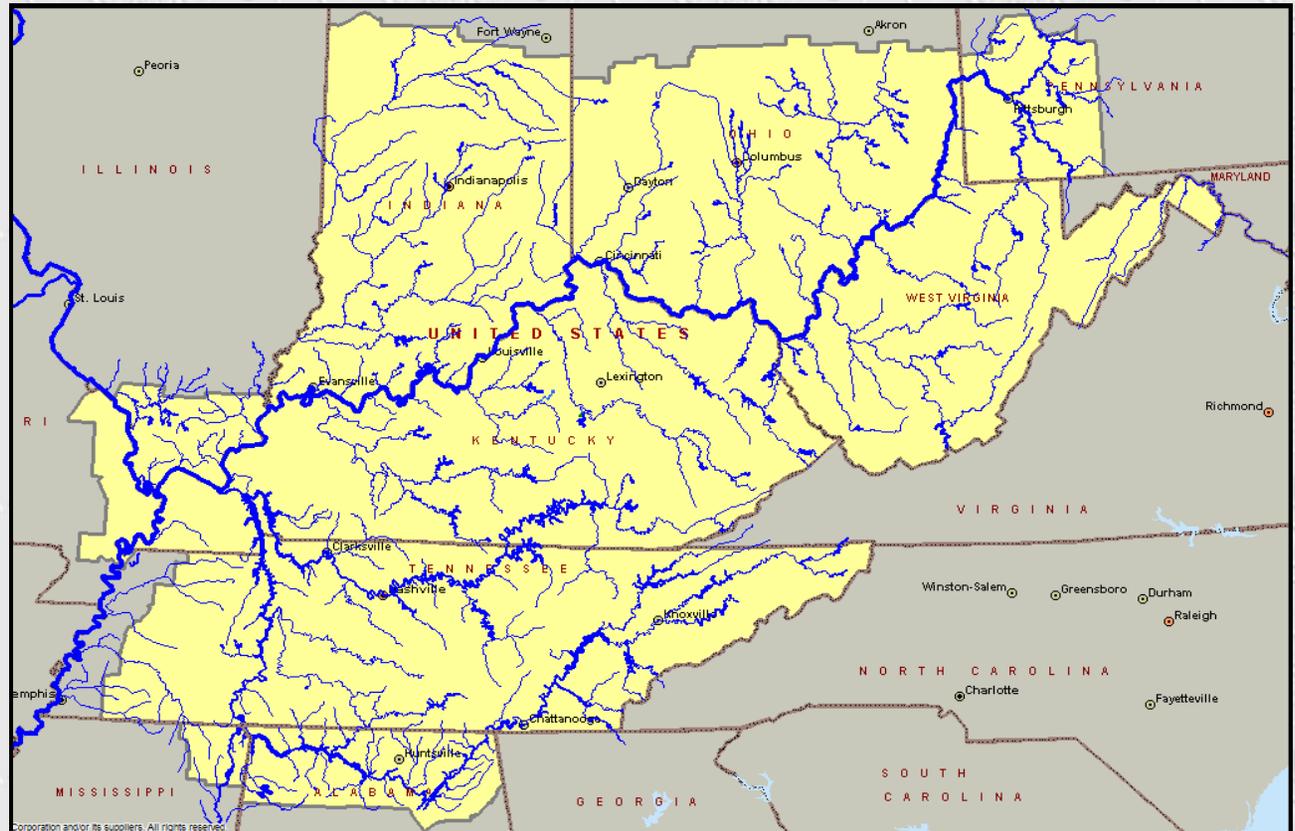


- 54 Congressional Districts
- 461 Counties



# 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





# Port Details – General

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





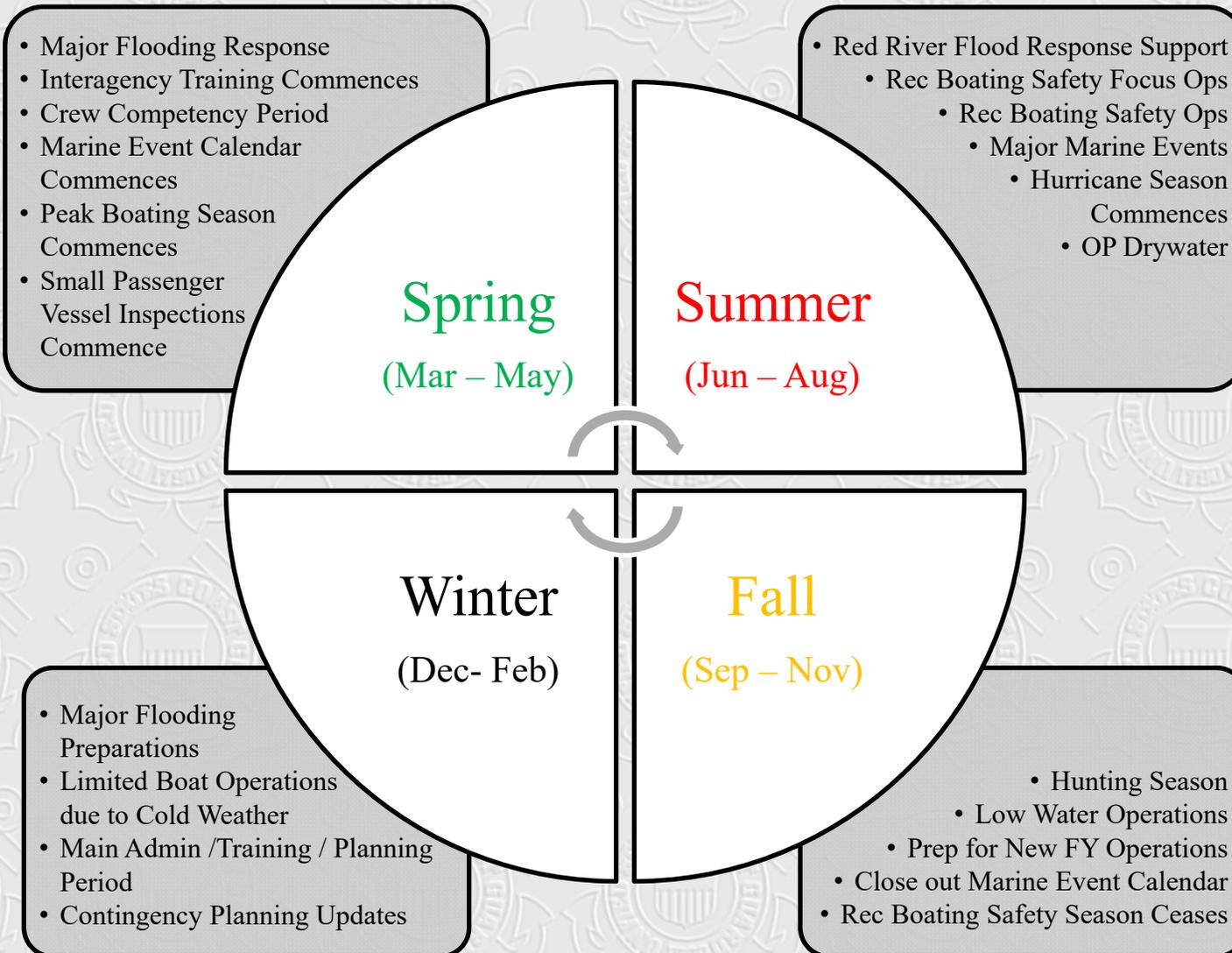
# Port Details - Fleet

- ❑ Inspected Towing Vessels (ITVs) – 1011  
(almost 1/5<sup>th</sup> of nation's fleet)
- ❑ Passenger Vessels – 88
- ❑ Tank Barges – 711
- ❑ Facilities – 298





# Port Details – Ops Cycle





# *Port Details – Annual Events*

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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)





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# 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)



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# 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

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## Personnel

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



## Assets

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



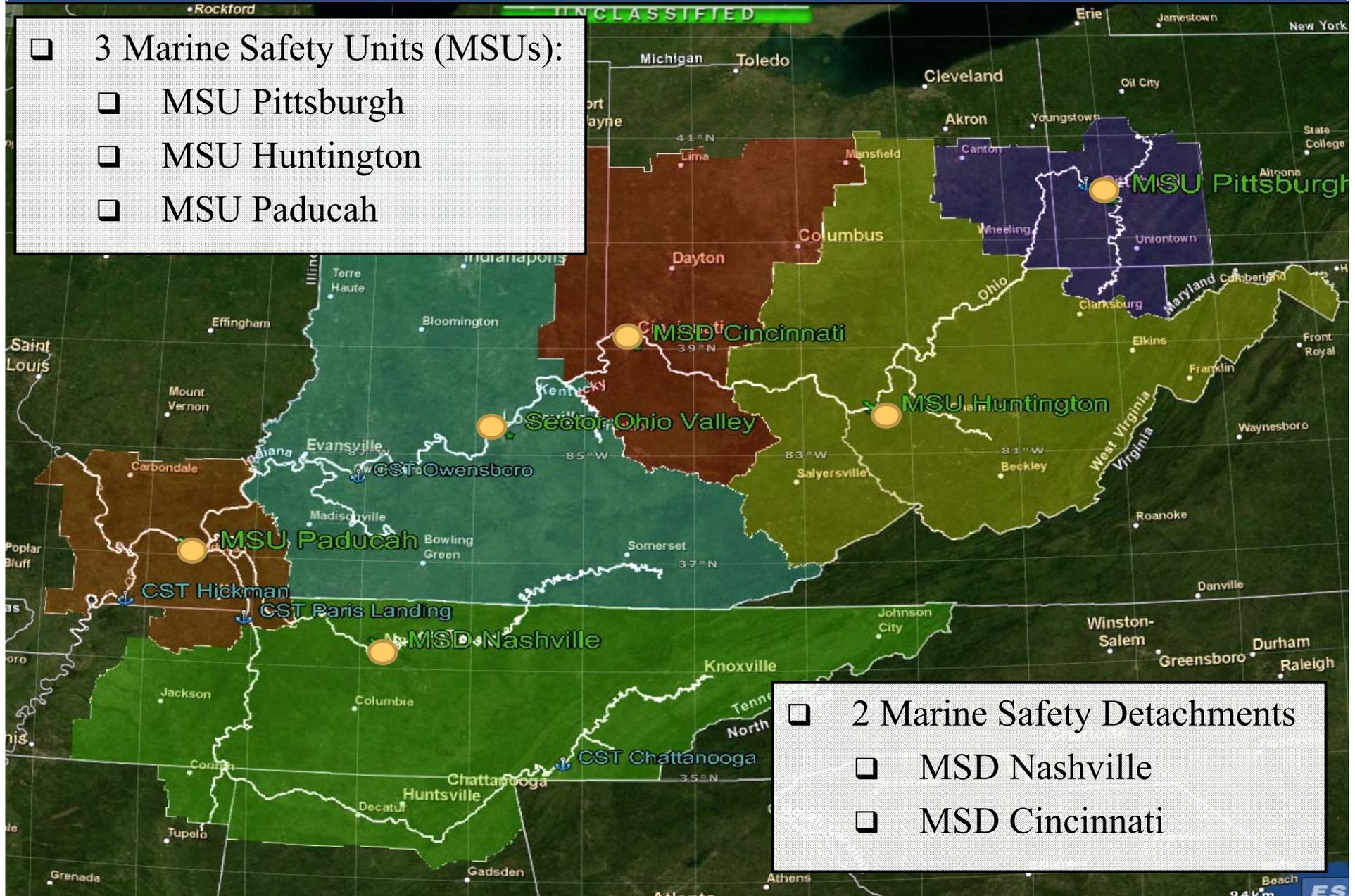
## Facilities

- 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

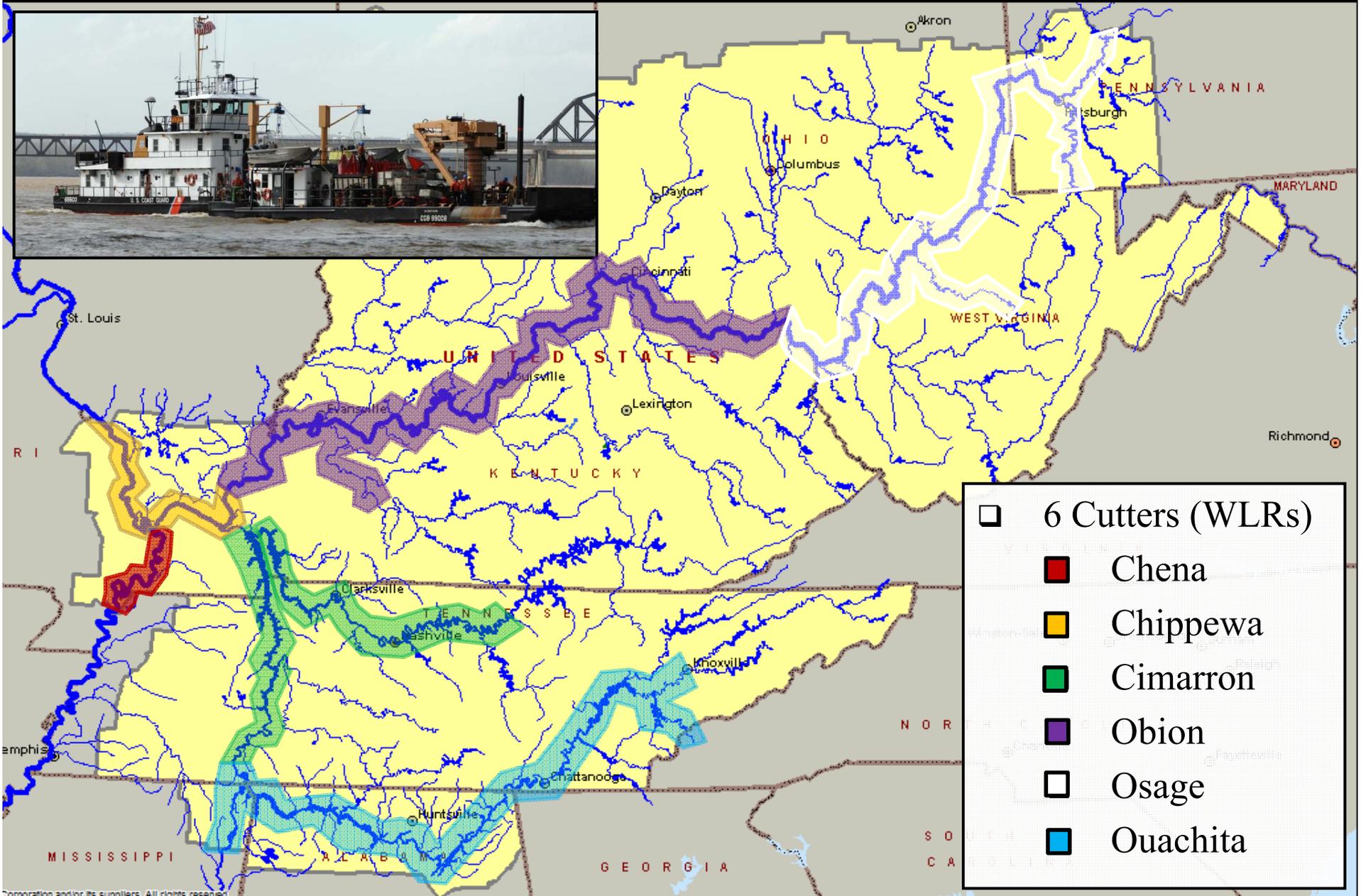


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# Units – Cutters



- 6 Cutters (WLRs)
- Chena
- Chippewa
- Cimarron
- Obion
- Osage
- Ouachita



# WR Flood Punt Packages

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## Capabilities:

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

\*\*Teams do not maintain the capability for swift water rescue.



## Locations:

- Paducah, KY
- Huntington, WV

## Response:

- Deployable within 24 hours nationwide.
- Deployable within 2-6 hours in unit's area of operations.





# Capabilities – Comms

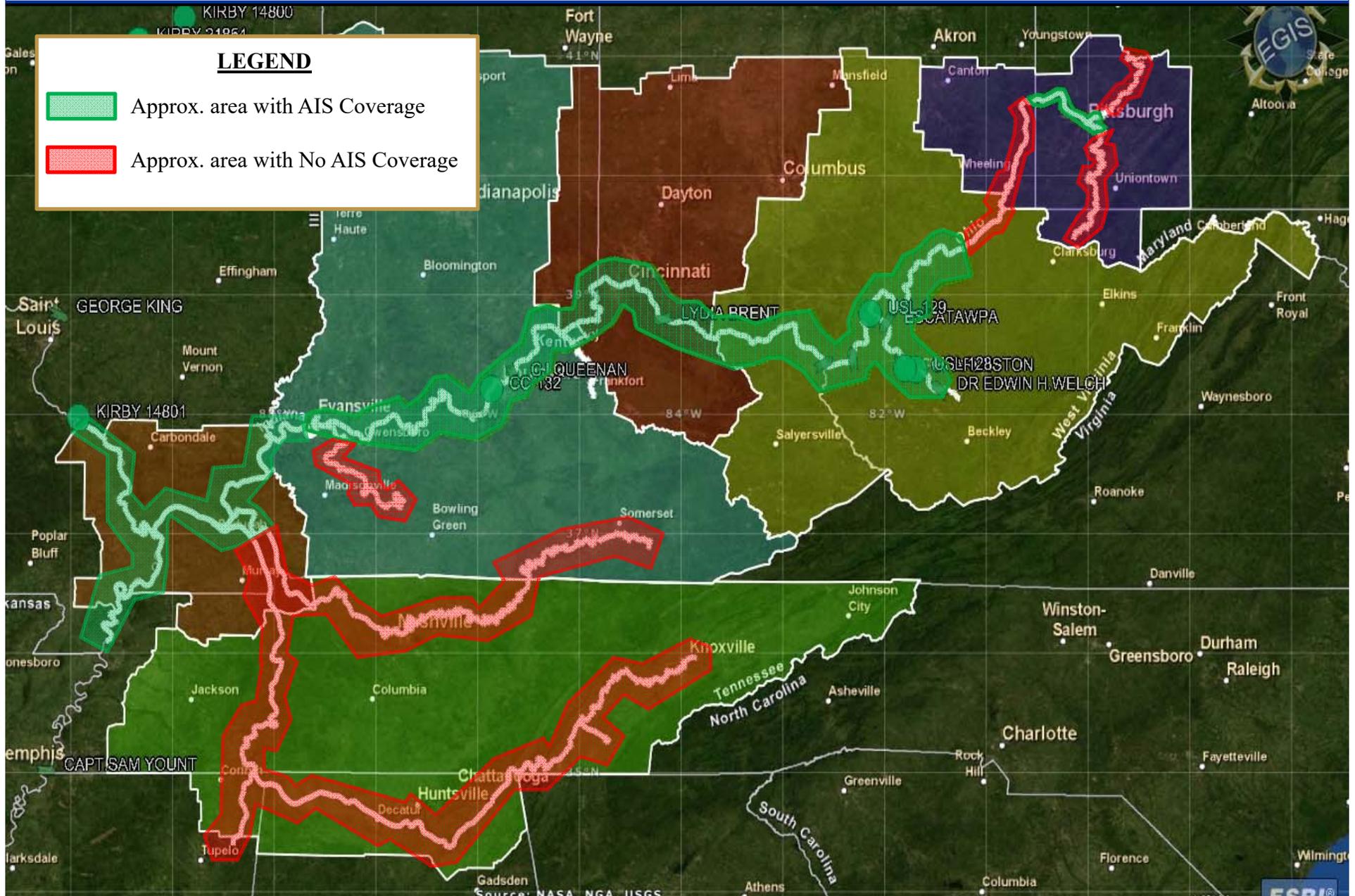


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# Capabilities – AIS



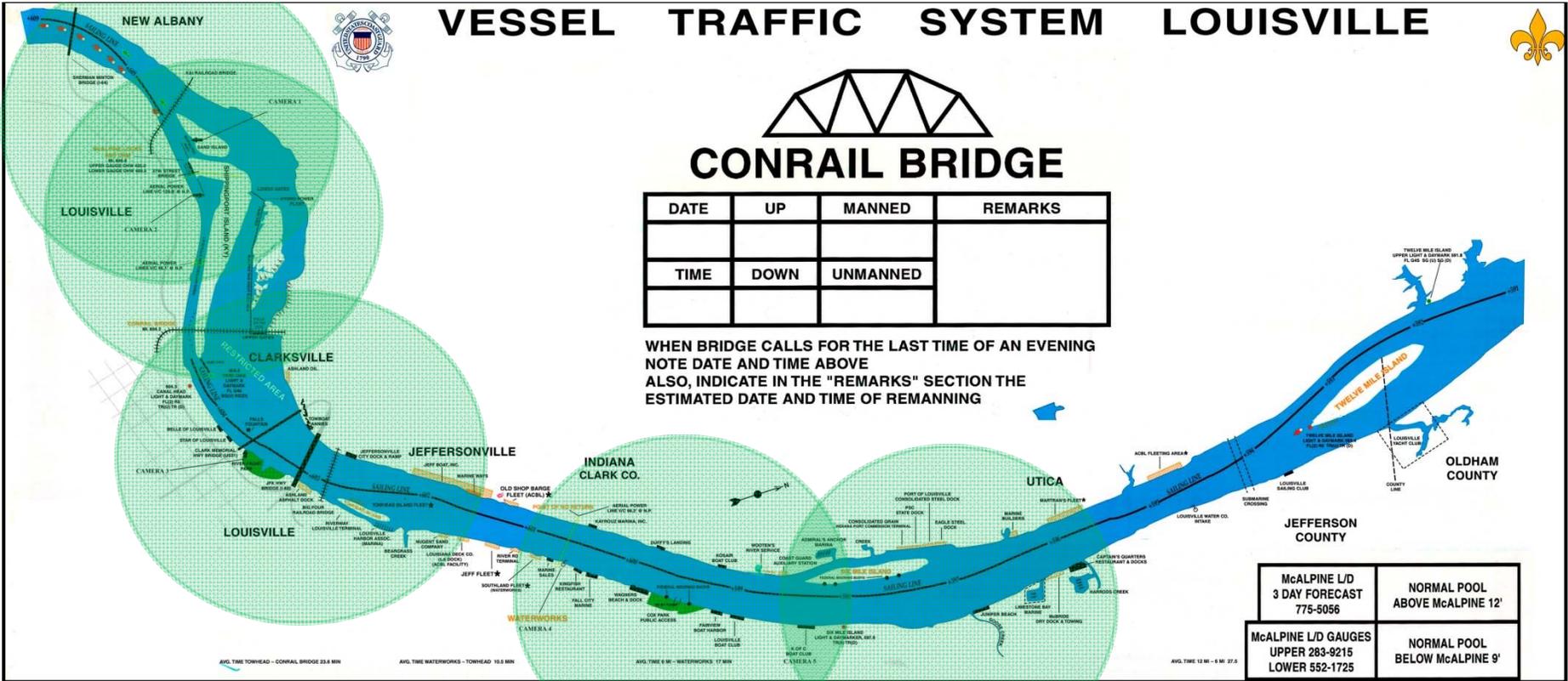


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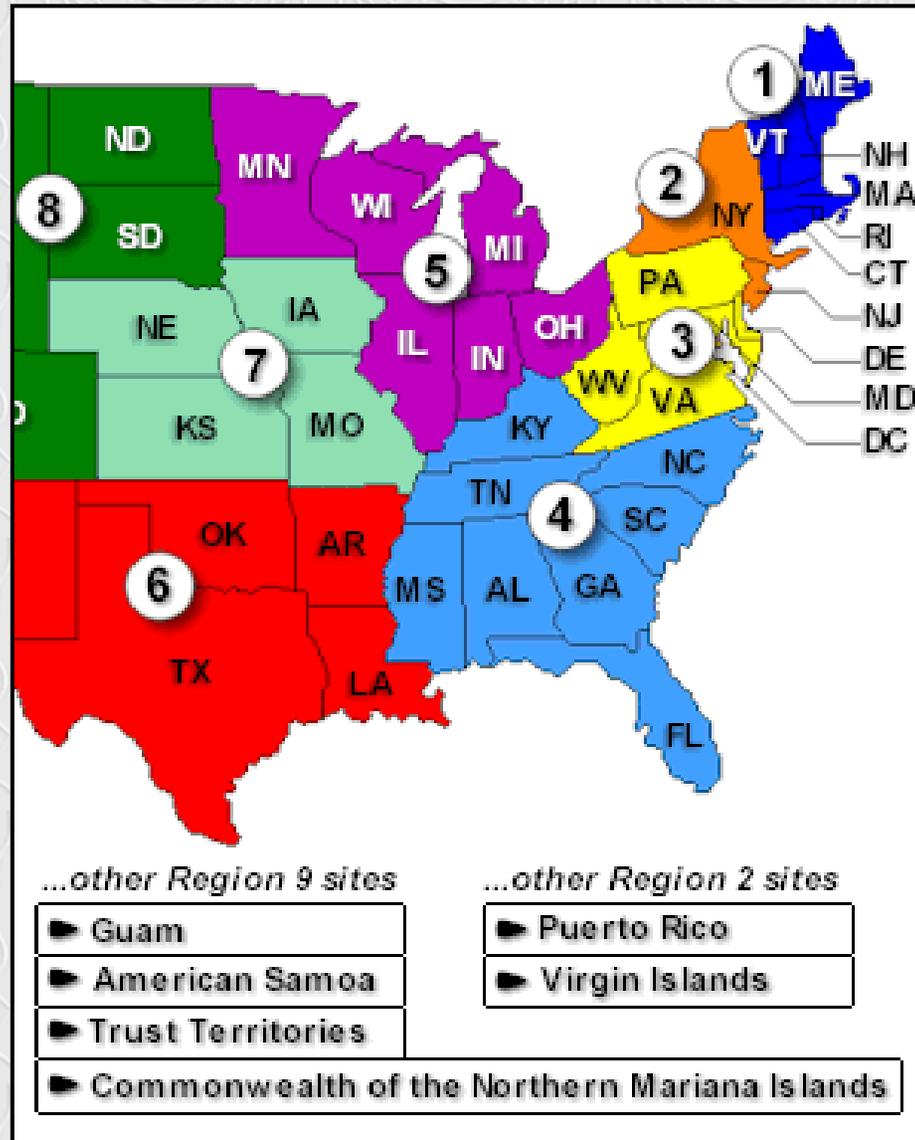
# Capabilities – Surveillance





# Port Partners – EPA

- 4 EPA Regions
- Region VII
- Region V
- Region IV
- Region III



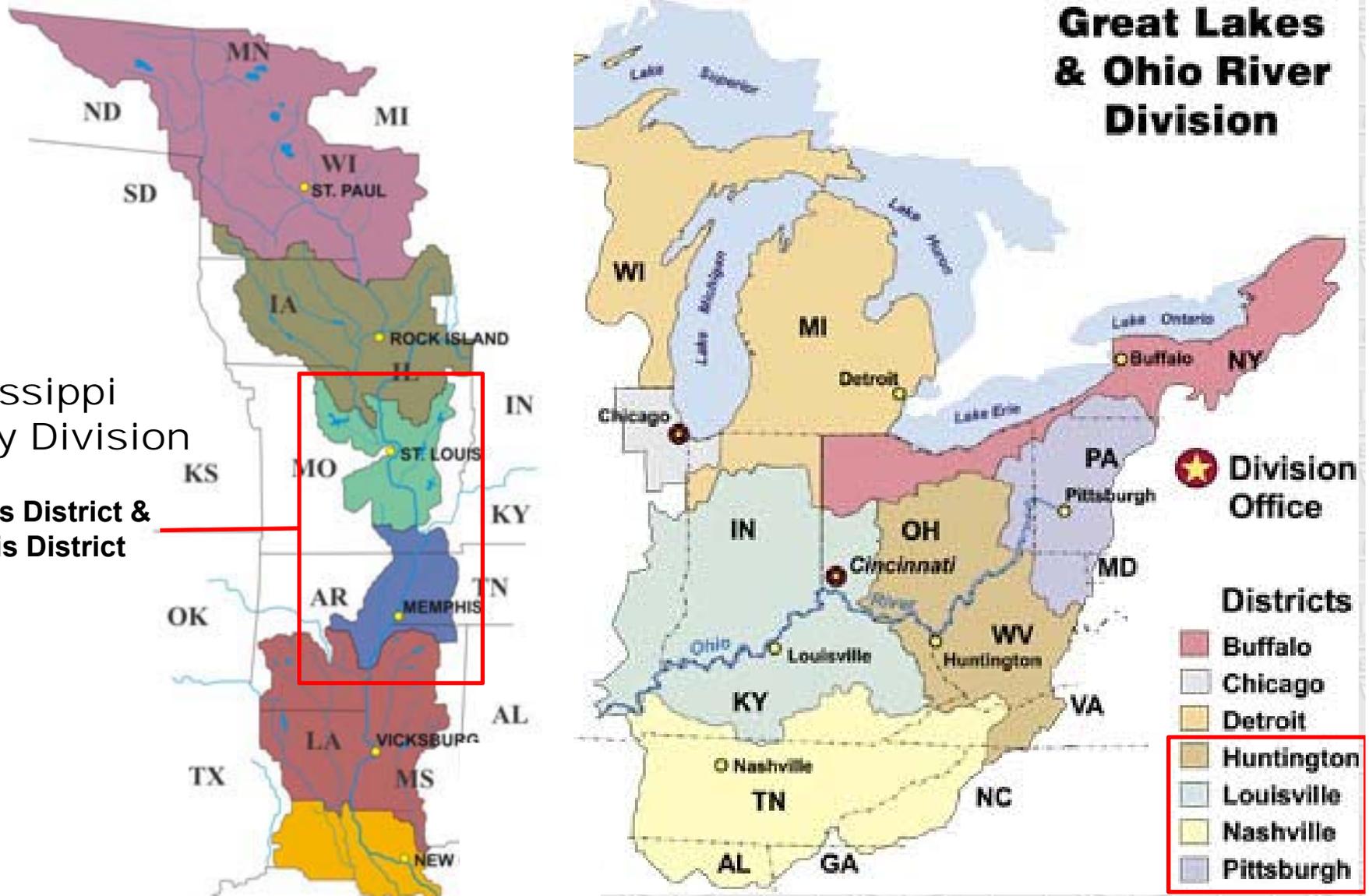


# Port Partners – USACE

## Great Lakes & Ohio River Division

Mississippi Valley Division

St. Louis District & Memphis District





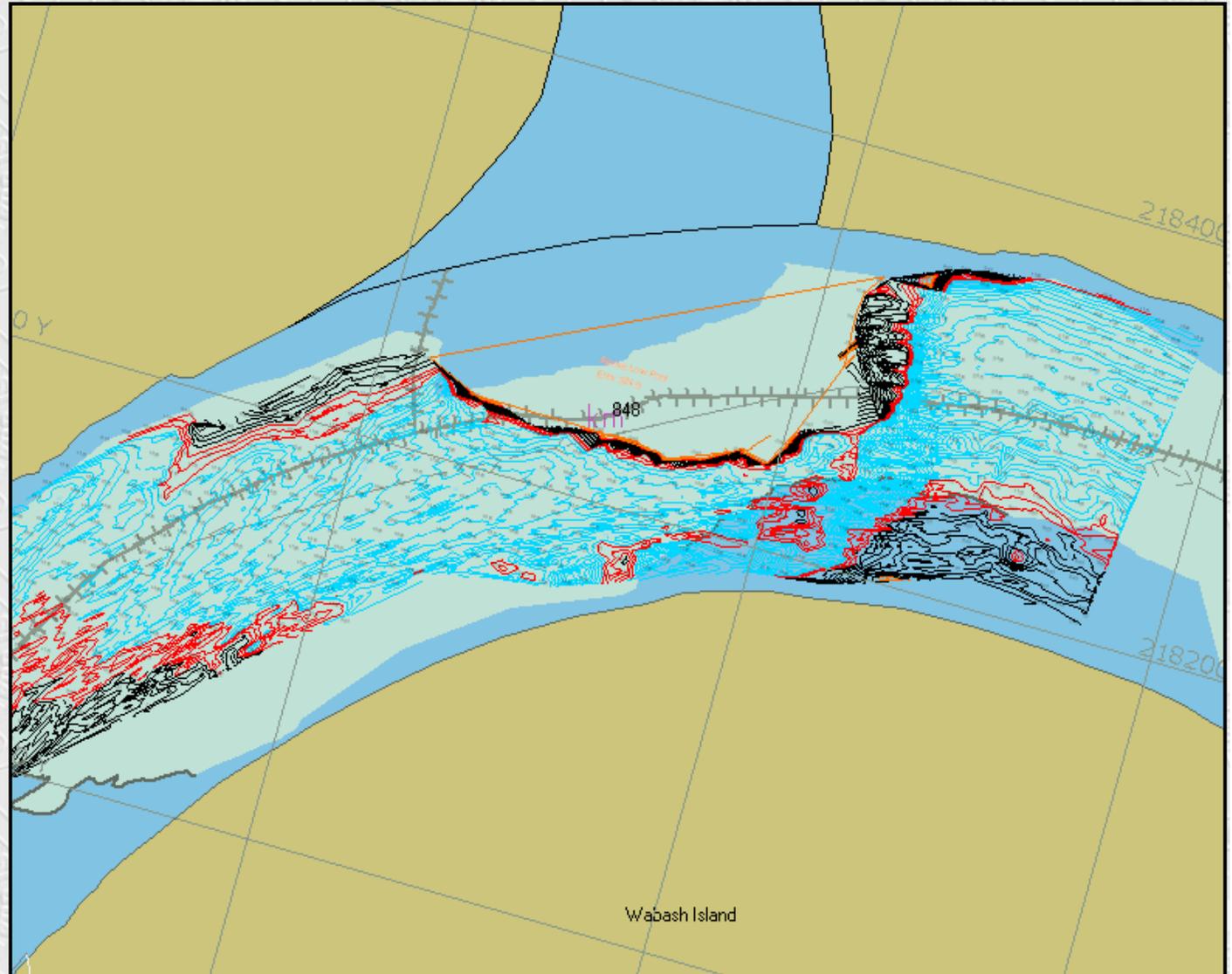
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# Port Partners – Waterways

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- 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)



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# Response Challenges (continued)

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## River Icing

- ❑ Breakaways
- ❑ Impacts to vessel maneuverability
- ❑ Salvage equipment delayed



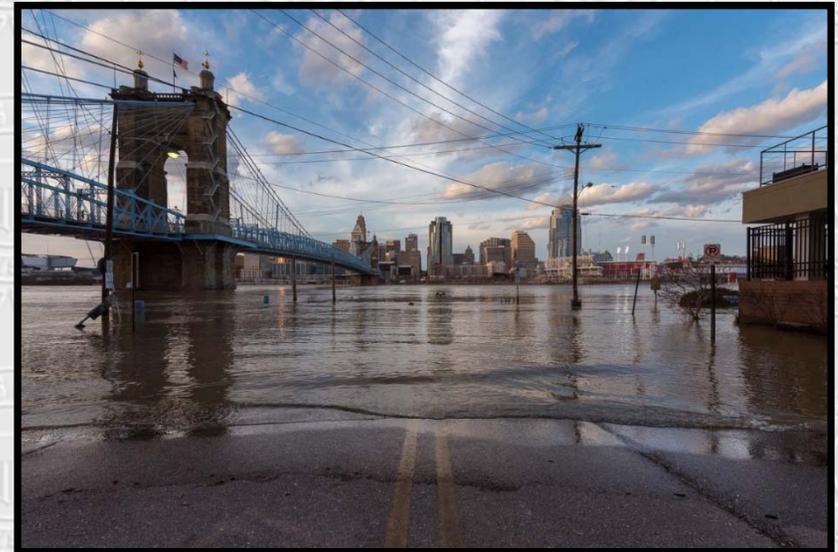
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# Response Challenges (continued)

## High water

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





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# Questions?

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