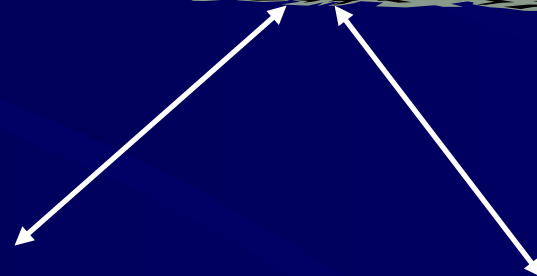
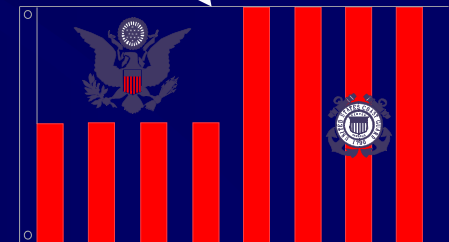


# MARITIME DOMAIN AWARENESS

MARINE SAFETY OFFICE  
ST. LOUIS, MO

# Welcome

- Thanks for your participation in this important training session.
  - Chance for us to identify the ways we can best work together to achieve Maritime Domain Awareness
- This is an Open Forum
  - Foundational Knowledge
  - Best Practices and Procedures
  - Concerns
  - Success Stories



# What's on Tap Today...

- What is Maritime Domain Awareness
- Ideas and Objectives
- MDA Patrol elements
- Describing and Reporting of Events, Vehicles, Vessels and Persons.
- Safety

# Homeland Security

You must remember, my fellow-citizens, that eternal vigilance by the people is the price of liberty, and that you must pay the price if you wish to secure the blessing."

- President Andrew Jackson,  
Farewell Address, 1837

## President's Letter:

The White House Washington April 4, 2002

“Americans are responding to the evil and horror of the terrorist attacks of September 11 with a renewed commitment to doing good. In communities around the country people are serving others in countless ways, from helping their local fire department, to volunteering with the local Red Cross, to joining a neighborhood or community watch program.”

# The Idea

- Harness the power of every individual through education and training to make the waterways safer, stronger, and better prepared to prevent terrorism, crime and disasters of all kinds.
- Match and utilize volunteers' skills with COTP needs.
- Train a group of volunteer professionals to respond better to the needs of their communities, enhancing their skills and teaching them their roles in support of the COTP.

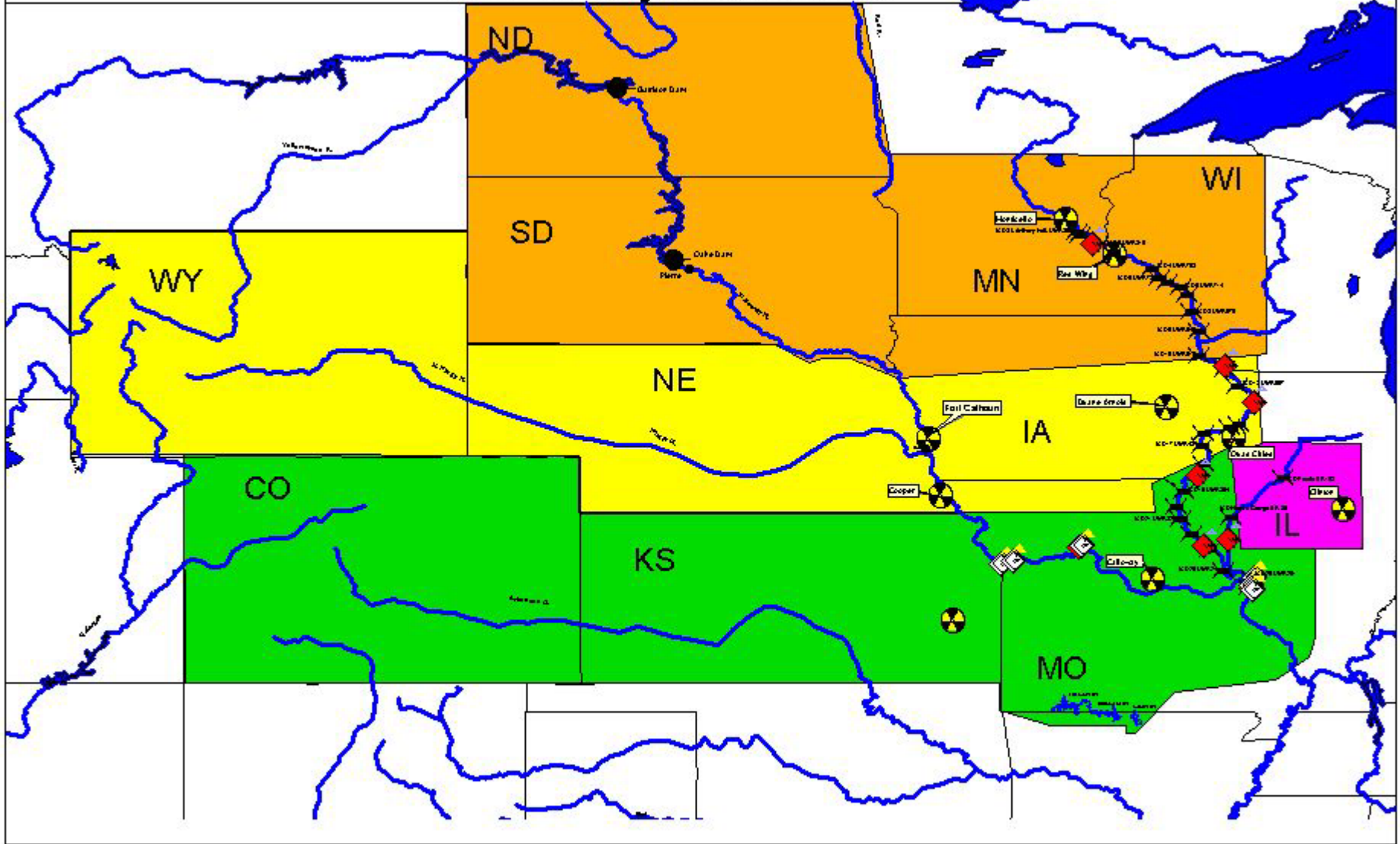
# What is Maritime Domain Awareness (MDA)?

- Situational awareness of all activities and elements in the maritime environment.
- MDA enables prevention.
- Objective is to allow legitimate commercial and recreational vessel traffic to move unimpeded while detecting and responding to unsafe or suspicious activity before it can have impact.

# MDA Mission for MSO St. Louis

- To Prevent, Detect, Deter, & Respond to suspicious activities or unsafe conditions in, on, or near the navigable waters of the United States
  - 2,000 River Miles
  - More than 1,950 miles of other navigable waterways
  - Area covers all or parts of 12 Midwestern states

# U.S. Coast Guard Marine Safety Office St. Louis



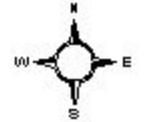
**Legend**

	Nuclear Plant		Dam
	Lock & Dam		Obstruction
	Obstruction		



**AOR Legend**

	St. Louis		St. Paul
	Quad Cities		Peoria



# MDA Patrols

- MDA Patrols are the “eyes and ears” of the Captain of the Port.
- Multi-mission purpose. To identify, report, and respond to hazardous conditions, suspicious activities, and marine pollution.



# Conducting MDA Patrols

- Conducted by at least two or more persons.
  - At least one of whom must have received formal training.
- May be conducted by land, air or water.
- Conducted on a year round basis
  - frequency varies upon existing intelligence, MARSEC level, port activities, and needs of COTP.



# Purpose of an MDA Patrol

- Recognize, detect and report suspicious activity, unsafe conditions or pollution.

# Training

- MDA safety patrol candidates should complete this orientation training.
- New members should complete a minimum of three underway patrols with experienced members.
- Members should complete AOR familiarization training.

# Places of Particular Interest

- Bridges
- Power Plants
- Water Intakes
- Oil/Chemical Facilities
- Fuel Docks
- Military Bases
- High Capacity Passenger Vessels

# Recognizing Suspicious Activity

- BE ALERT,  
Anything that seems slightly “out of place” or is occurring at an unusual time of day could be criminal activity.



# Recognizing Suspicious Activity

- DO NOT ATTEMPT TO APPREHEND A PERSON COMMITTING A CRIME OR TO INVESTIGATE A SUSPICIOUS ACTIVITY!
- **YOUR SAFETY COMES FIRST!**



# Reporting Suspicious Activity

- Contact local law enforcement for **immediate** response to suspected criminal, illegal or terrorist activity.
- Report event to Group Upper Mississippi River immediately. They in turn will contact the Command Duty Officer.
- Do not worry about being embarrassed if your suspicions prove to unfounded. Law Enforcement officers would rather investigate than be called when it is too late.



## The following incidents **MAY** indicate possible criminal activity and should be reported:

- Continuous repair operations at a non-business location (stolen property being altered)
- Open or broken doors and windows at a closed business or unoccupied residence (burglary or vandalism)
- Unusual noises, such as gunshots, screaming, or dogs barking continuously (burglary, assault, or rape)
- Sound of breaking glass (burglary or vandalism)
- A person exhibiting unusual mental or physical symptoms (person may be injured, under the influence of drugs, or otherwise needing medical attention)

# Possible Indicators of Suspicious Activities Recreational Boats

- Fishing/Hunting in locations not typically used for fishing/hunting
- Unattended vessels
- Unusual boat characteristics
- Aggressive activities
- Excessive time spent filming/recording/note taking
- Unusual diving operations
- Recovering or tossing items into/onto the waterway or shoreline
- Vessel loitering in/around Coast Guard designated security zone
- Lights flashing between boats and shore at night

# Possible Indicators of Suspicious Activities Commercial Vessels

- Operating/transiting in an area not typically transited
- Anchored in an area not typically used as an anchorage area
- Unattended vessels
- Any aggressive actions or suspicious activity
- Excessive filming/recording/note taking
- Recovering or tossing items into/onto the waterway or shoreline
- Unusual transfer of personnel or items while transiting

# Possible Indicators of Suspicious Activities

## Waterfront facilities/infrastructure

- Fishing/hunting locations not typically used for fishing/hunting
- Unattended vehicles/vessels in unusual locations
- Any aggressive actions or suspicious activities
- Asking unusual questions about business' operations (i.e. what are the busiest hours of operation, how many people are at the business at any given time, what chemicals does this facility handle, etc.)
- Excessive filming/recording/ note taking
- Stranger displaying unusually high amount of interest in facilities operations (e.g. storage capacity, product stored, facility's physical security)
- Recovering or tossing items into/onto the waterway or shoreline
- Missing/damaged fencing lighting etc...
- Unusual night operations

# Suspicious Persons

- Loitering around fleeting areas, closed facilities or moored/unattended vessels.
- Forcing entrance or entering (burglary, theft, or trespassing)
- Running, especially if carrying something of value or carrying unwrapped property at an unusual hour (fleeing the scene of a crime)
- Heavy traffic to and from an unusual area, or business known to be closed, particularly on a daily basis (drug dealing, vice or fence operation)
- Screaming (rape or assault)

# Suspicious Vehicles

- Slow moving, without lights, following aimless course
- Parked, containing one or more persons, especially at an unusual hour
- Containing weapons
- Someone being forced into a vehicle
- Business transactions taking place in it
- Someone attempting to forcibly enter it
- Person detaching mechanical parts or accessories from it
- Objects being thrown from it

# Describing and Reporting of Events, Vehicles and Persons

Practicing to develop skill in providing quick, accurate descriptions is an excellent MARITIME DOMAIN AWARENESS tool. In attempting to describe events, vehicles, or persons, write down the details of what you have observed while they are still fresh in your mind, so your descriptions to law enforcement officials will be as accurate as possible.

# Describing Events

When describing events, write down the “four W’s”:

- Who it happened to
- What happened;
- When it happened
- Where it occurred
- Whether injuries are involved (Be prepared to report visible or suspected personal injury. Be as specific as possible)
- Whether weapons are involved (this information, whether observed or suspected, is vital to responding officers).

# Describing Vehicles

- Vehicle license number and state
- Make and type of vehicle
- Color of vehicle
- Approximate age of vehicle
- Special designs or unusual features, such as vinyl top, mag wheels, body damage, pinstripes, etc
- Direction of travel
- Number of occupants

# Describing Vessels

- Vessel Registration number and state
- Name of vessel
- Home port of vessel
- Make and type of vessel
- Color of vessel
- Approximate age of vessel
- Special designs or unusual features, such as superstructure color, graphics, body damage, number of people on board, etc
- Direction of travel

# Describing Persons

- Gender
- Race
- Age
- Height
- Weight/body build
- Hair (color, length, style)
- Clothing, hat, shoes, etc
- Facial Hair (beard/mustache)
- Any peculiar or distinguishable mannerisms, physical disabilities, disfigurements, scars or tattoos
- Voice characteristics
- Direction of movement



# MDA Patrol Procedures

- A patrol team should consist of a minimum of two people; a driver/coxswain/pilot and an observer/crew
- Patrol members should patrol area designated, in a random fashion, and at varied times rather than in an observable pattern.
- The purpose of an MDA patrol is to observe and report. Patrol members should not challenge anyone, handle potentially hazardous material/pollution, or jeopardize personal safety in any way. **YOUR SAFETY COMES FIRST!**
- Provide patrol schedule to MSO one month in advance. E-mail address: [MSOSTLOPS@cgstl.uscg.mil](mailto:MSOSTLOPS@cgstl.uscg.mil)
- Advise MSO as additions/deletions/changes to the patrol schedule and resource assignment occur.
- Do not carry weapons on patrol.

# MDA Patrol Procedures (cont'd)

- Contact OPS Officer at 406-4810, just prior to getting underway.
  - Facility number/name
  - Coxswain and Crew names
  - Anticipated patrol area
  - Boat/Coxswain cell # (if available)
- Vehicle and Vessel patrols conduct 30 minute radio guard checks with GRP UMR for duration of patrol. Air patrols conduct radio guard checks every 15 minutes.
- Advise OPS Officer when security patrol is secured.
- Submit copy of patrol report to MSO St. Louis.
  - E-mail report to [MSOSTLOPS@cgstl.uscg.mil](mailto:MSOSTLOPS@cgstl.uscg.mil)

# MDA Works!

MSO St. Louis has experienced increased observation and reporting of suspicious activity, unsafe conditions and pollution through the River Watch Program by:

- Maritime Industry Owners/Operators
  - especially commercial tow vessels & casino river boats
  - MDA led to apprehension of illegal aliens on tow boat
- Recreational Boating Public
- Coast Guard Auxiliary members
- Law Enforcement Agencies







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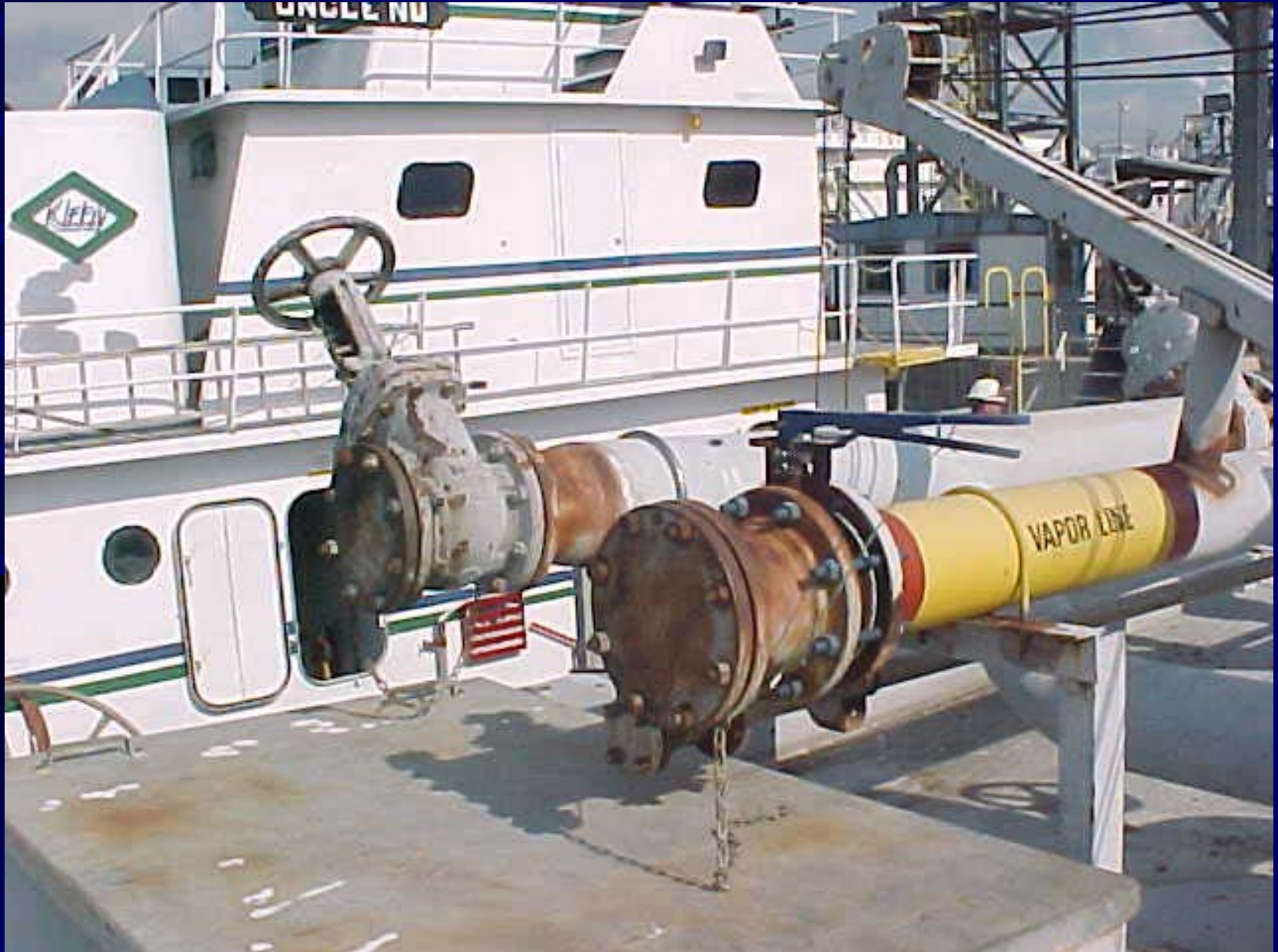
PATROL

BOSTON PATROL  
11

# What else to look for on an MDA patrol

- Transfer Operations
- Pollution Detection
- Commercial Passenger Vessel Ops
- Load-Line/Vessel Ops
- Aids to Navigation Discrepancies
- Opportunities to promote “River Watch”

# Transfer Operations



# Transfer Operations

- Is containment is apparent?
- No spills/leaks/sheens observed.
- Ops are supervised & a tankerman is present
- Overall ops appear safe.
- Hoses/pipes appear in good condition.

# Tanker man



# Pollution Detection



# Pollution Detection



# Pollution Detection

- Any presence of sheens, “rainbows”, “globbs”, “streamers”, etc?
- Is source apparent?
- Does pollution appear to be continuing?
- Contact GRP UMR and they in turn will contact the Command Duty Officer.

# Load-Line/Vessel Ops



# Load-Line/Vessel Ops

- Does vessel appear to be “overloaded”?
- Do overall loading ops appear safe?
- Contact GRP UMR if discrepancies are noted.  
They in turn will contact the Command Duty Officer.

# Aids to Navigation



# Aids to Navigation

- Off-station or missing buoys
- Extinguished bridge lights
- Dayboards missing or need repair
- Unusual shoaling
- Report to GRP UMR

# River Watch Program

- Akin to “Neighborhood Watch” programs.
- Enlists the aid of boating public as “eyes & ears”
- Educates the boating public as to possible indicators of suspicious activities, places of particular interest, and how to report.
- Emphasizes confidentiality and personal safety  
... cautions heavily against active intervention.
- Provide literature at every opportunity

# Who to Call

- **911 for immediate response assistance**
- Group Upper Mississippi (319) 524-7511
  - Suspicious activity
  - Hazardous conditions
  - Suspected pollution
  - GRP UMR will then contact the MSO St. L CDO
- MSO St. Louis CDO (314) 406-4629
  - Do not hesitate to contact directly if immediate assistance by the MSO is required
- National Response Center (800) 424-8802 or 877-24-Watch (877-249-2824)
  - Suspicious activity or suspected pollution

# SAFETY

CDR ENGLEBERT, COMMANDING OFFICER AT MSO ST. LOUIS, HAS MADE A PERSONAL COMMITMENT TO MAKE EVERY EFFORT TO ENSURE SAFE AND EFFECTIVE OPERATIONS BY MSO ST. LOUIS STAFF AND PERSONNEL TO POSITIVELY MANAGE RISK AND PREVENT PERSONAL INJURY.

**YOUR SAFETY COMES FIRST!**