

**USCG Marine Safety Unit Port Arthur**  
**Save Lives**  
**Protect U.S. Waters**



**Texas City “Y” Spill - Matagorda**



**Chemical Tank Ship - CARLA MAERSK**

**collided with**

**General Cargo Ship - CONTI PARIDOT**



**Methyl-Tert-Butyl Ether (MTEB)  
discharged from damaged cargo tank**

**Flammable (Fp 14F)**

**High Vapor Pres (245 mm/Hg @ 68F)**

**Vapor Density (3.0)**

**Specific Gravity (.74)**

**Low toxicity (TLV 50ppm)**

**Water-Soluble - Low Odor Threshold**

# Typical Day of Vessel Movement Houston - 2014

## Average

37	Tank / Chem / Gas Ships
24	Freight Ships
1	Cruise Ships
358	Tug & Tows
6	Public Vessels
299	State Ferries
22	OSV / Others
74	Ships in Port

## High

54
45
7
464
34
504
52



# **Statutory & Regulatory Duties**

- **Captain Of The Port**
- **Federal Maritime Security Coordinator**
- **Officer-In-Charge, Marine Inspections**
- **Federal On-Scene Coordinator**
- **Search and Rescue Mission Coordinator**



# USCGC Missions





**PACIFIC AREA**



**ATLANTIC AREA**

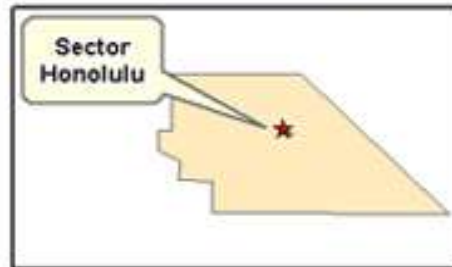
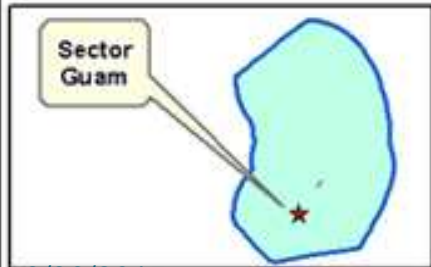
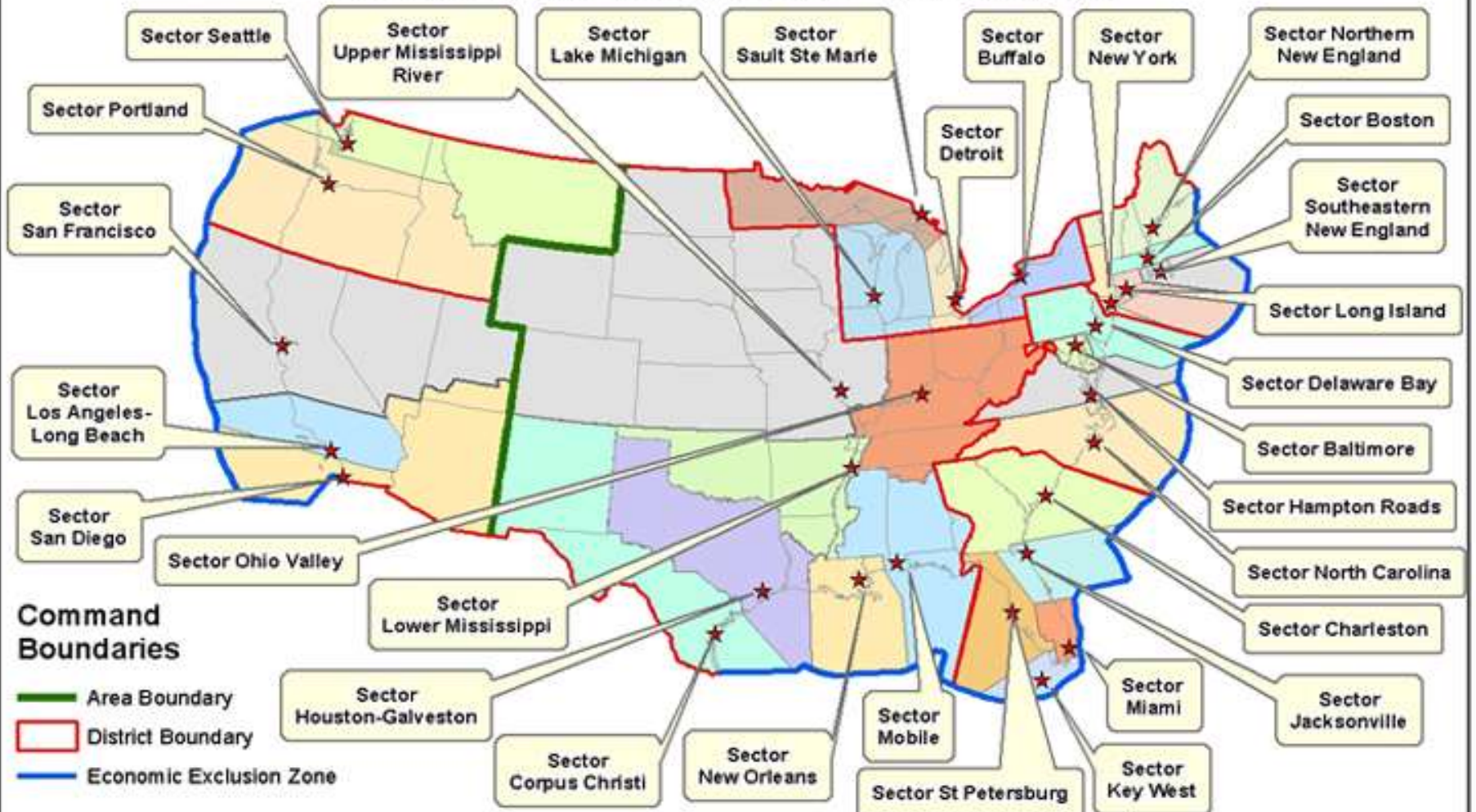


**Legend**

- ★ Washington D.C. Headquarters
- ★ District Offices

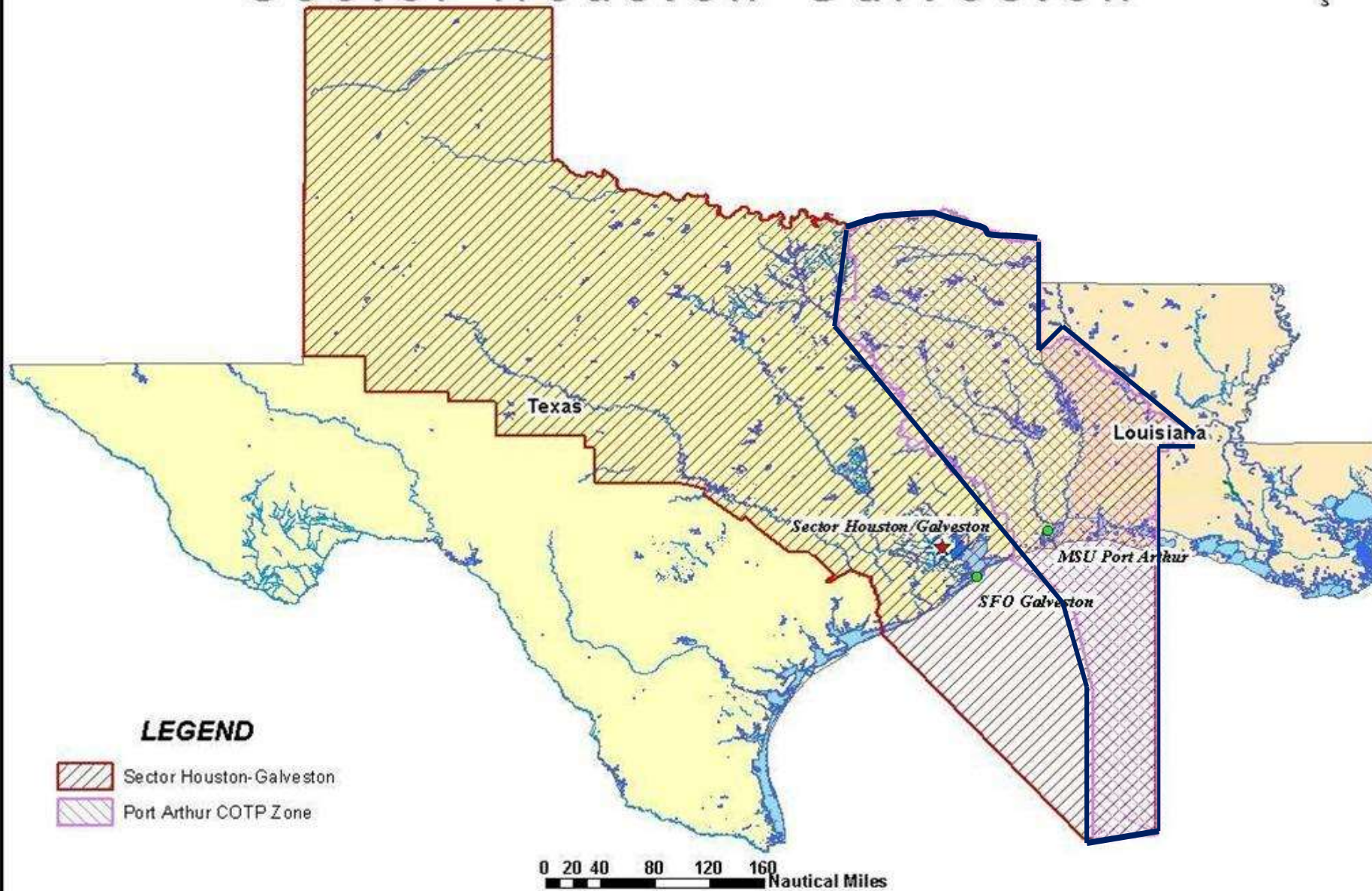


# U. S. Coast Guard Sector Commands







# Sector Houston-Galveston



## LEGEND

-  Sector Houston-Galveston
-  Port Arthur COTP Zone

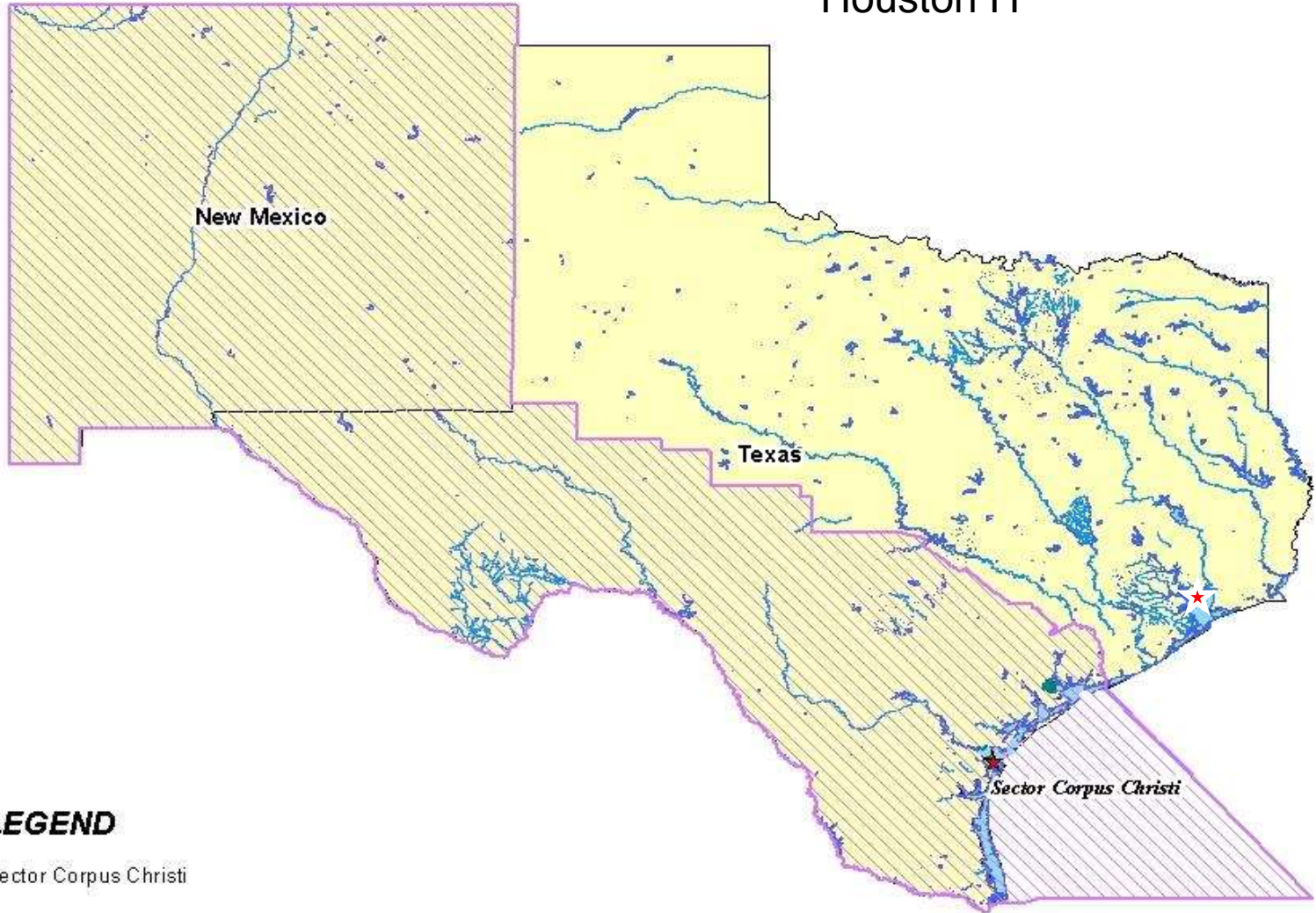
0 20 40 80 120 160 Nautical Miles




# Sector Corpus Christi

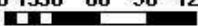


Houston H



## LEGEND

 Sector Corpus Christi

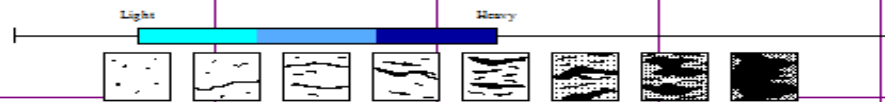
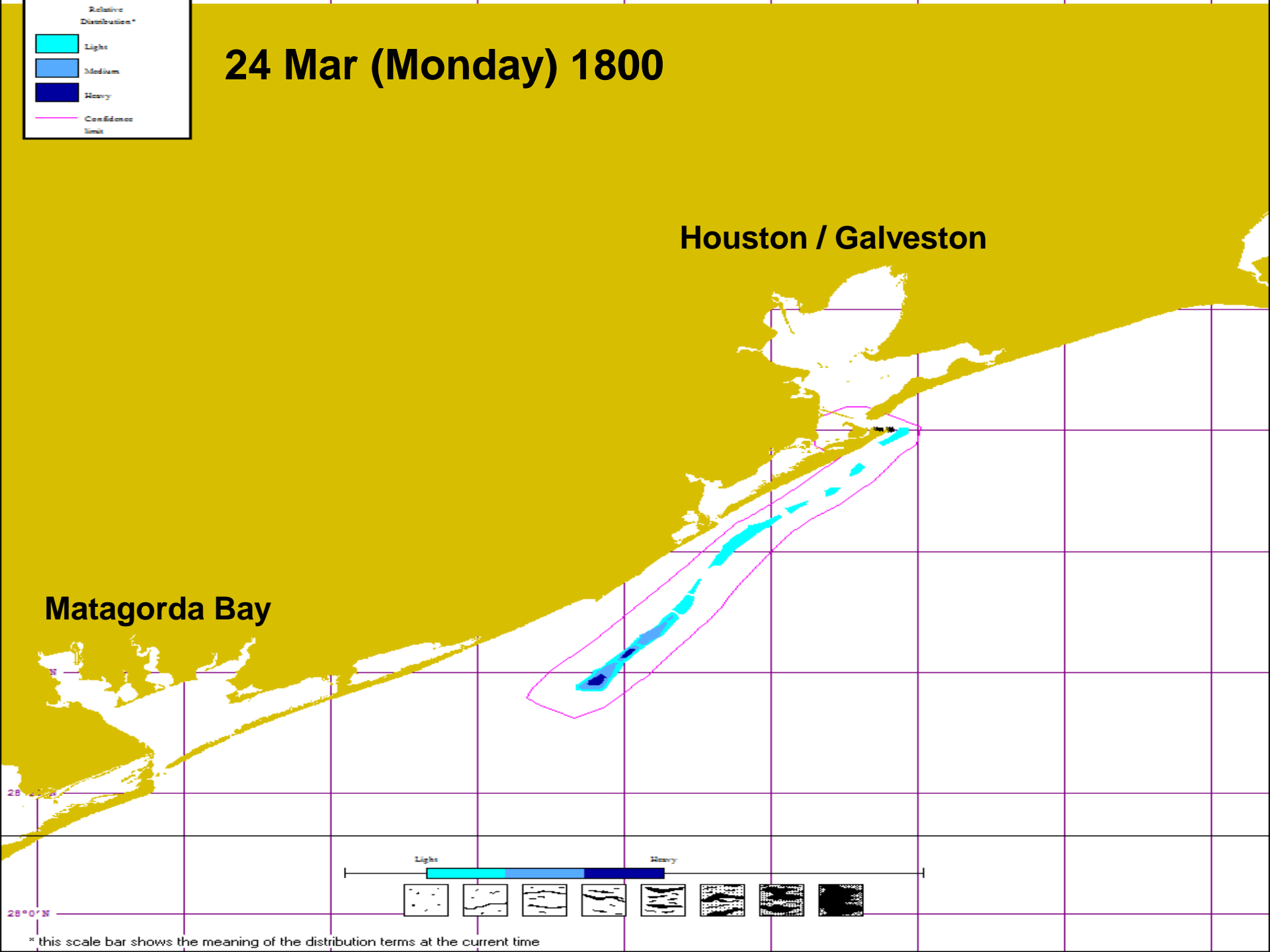
0 15 30 60 90 120  
 Nautical Miles

# 24 Mar (Monday) 1800



## Houston / Galveston

## Matagorda Bay



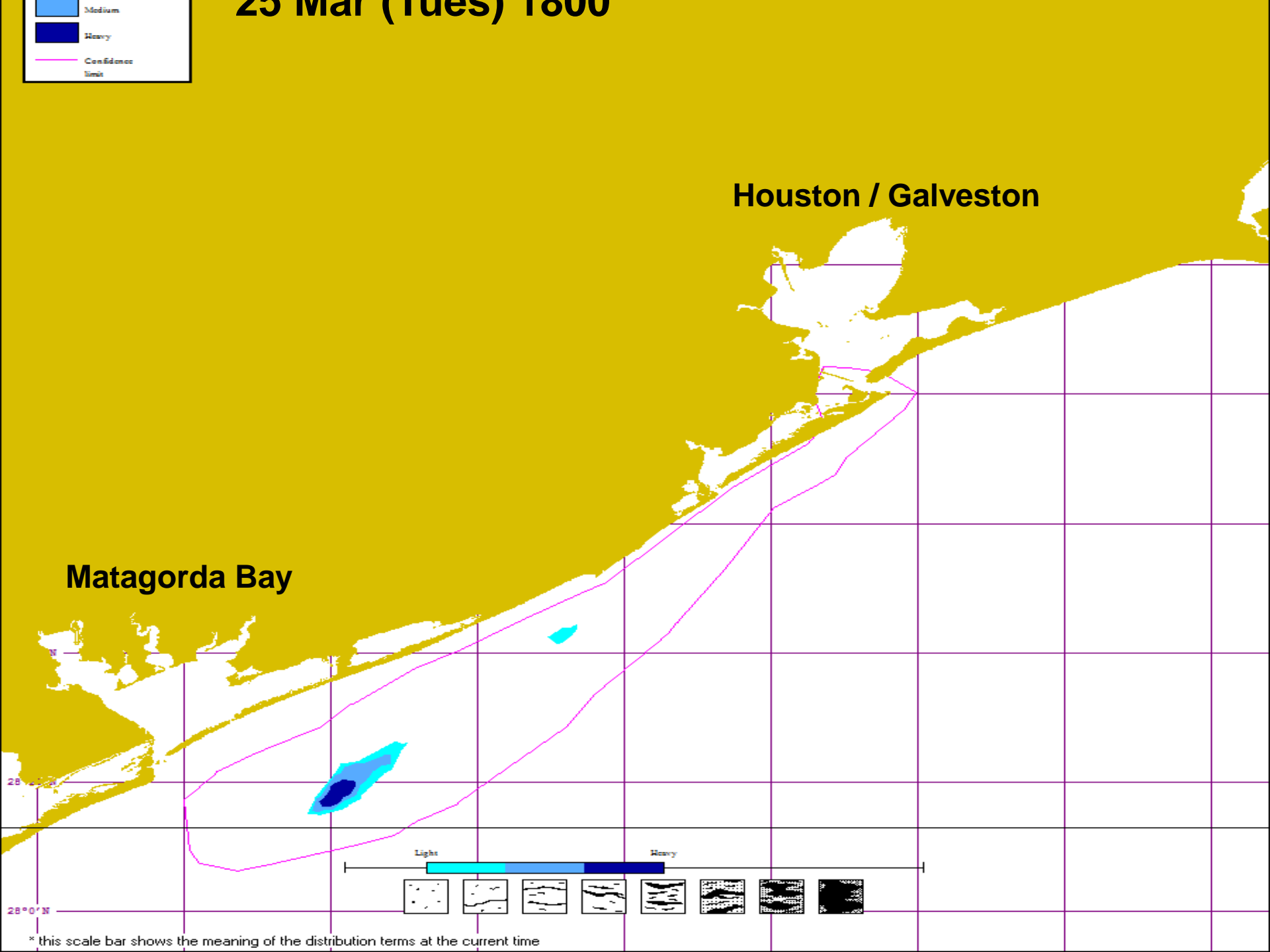
\* this scale bar shows the meaning of the distribution terms at the current time

# 25 Mar (Tues) 1800

- Medium
- Heavy
- Confidence limit

## Houston / Galveston

## Matagorda Bay



\* this scale bar shows the meaning of the distribution terms at the current time







**PORT O'CONNOR**  
**WELCOME**

**To The End Of The Road**

**PLEASE DO NOT LITTER**





**Incident Command Post**

**Located at the**

**Port O'Connor Community Center**





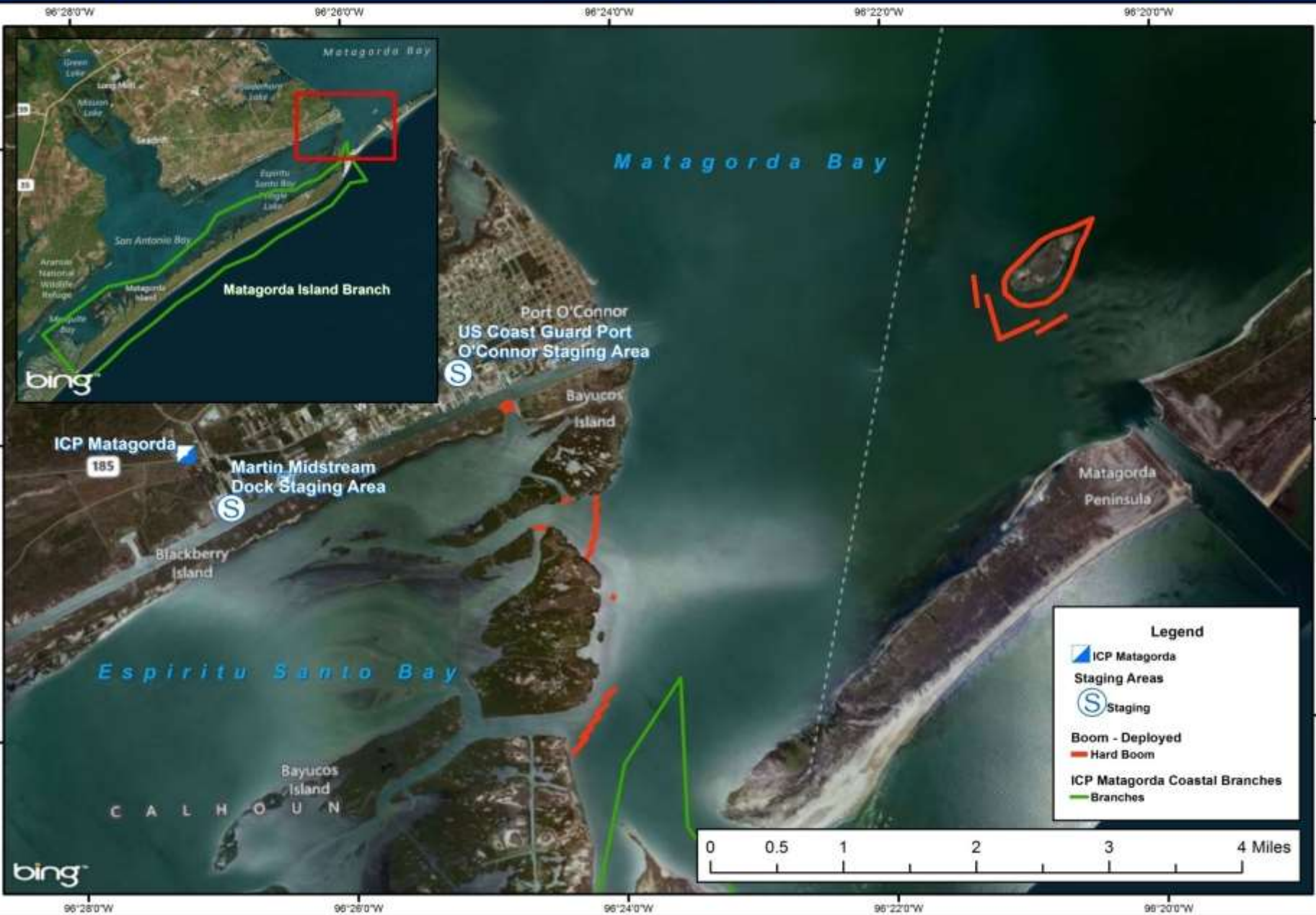


# Texas City Y Spill Matagorda ICP Deployed Boom

03/29/2014 1000 HRS



Scale: 1:60,000





Thursday, 27 March

Bird Island



Thursday, 27 March

Oil Impacting Matagorda Island





**Oil on S. Matagorda Shoreline**







# NOAA Overflight Observations Texas City Y Incident

Matagorda Island

N 28° 02.574'  
W 96° 52.352'

3/30/2014 9:54:47 AM



29 March 2014  
Matagorda Island

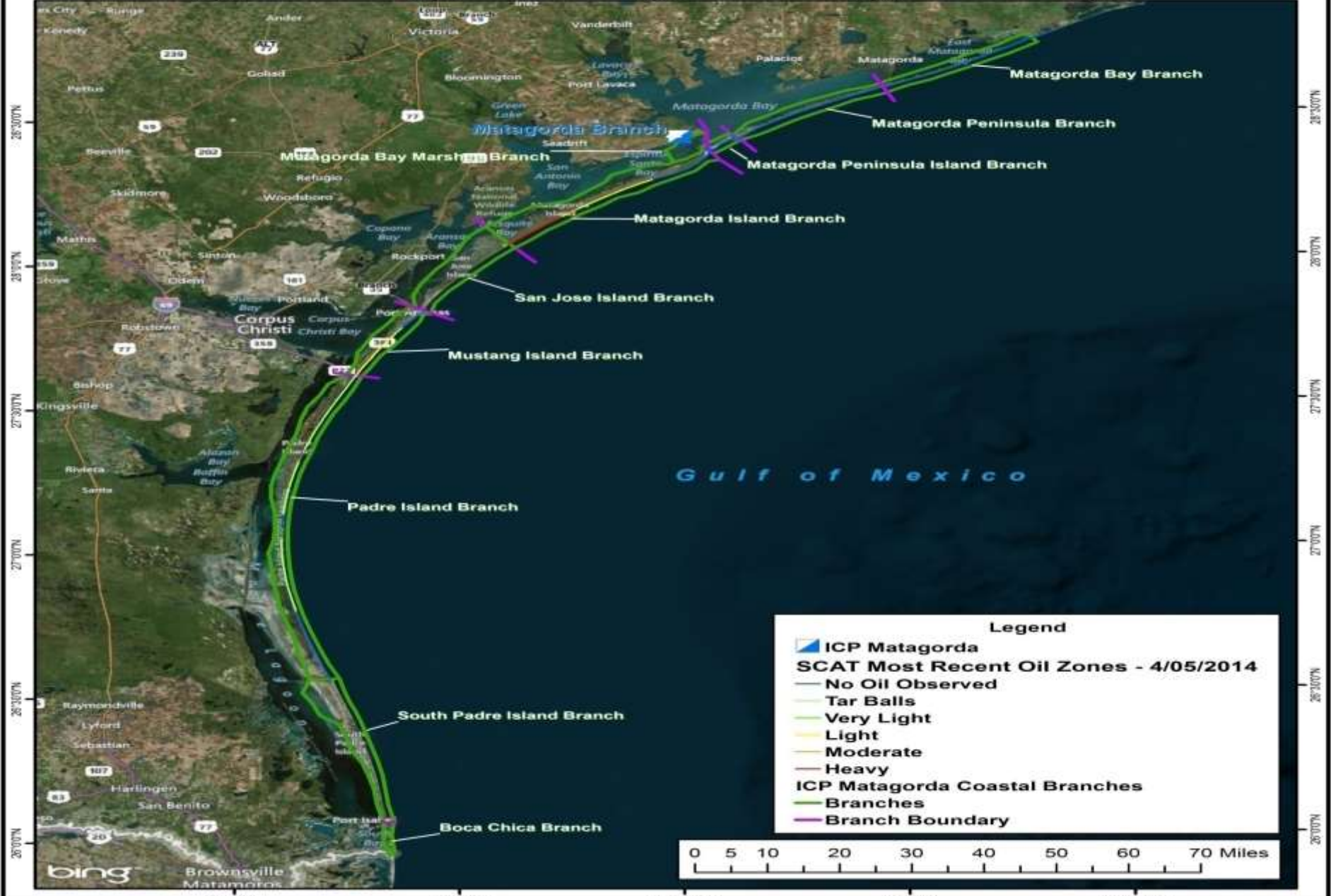






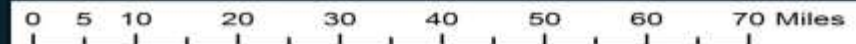
# Texas City Y Spill ICP Matagorda SCAT Observed Oil Zones 04/07/2014

97°30'0"W 97°00'0"W 96°30'0"W 96°00'0"W 95°30'0"W



**Legend**

- ICP Matagorda
- SCAT Most Recent Oil Zones - 4/05/2014**
- No Oil Observed
- Tar Balls
- Very Light
- Light
- Moderate
- Heavy
- ICP Matagorda Coastal Branches**
- Branches
- Branch Boundary



97°30'0"W 97°00'0"W 96°30'0"W 96°00'0"W 95°30'0"W

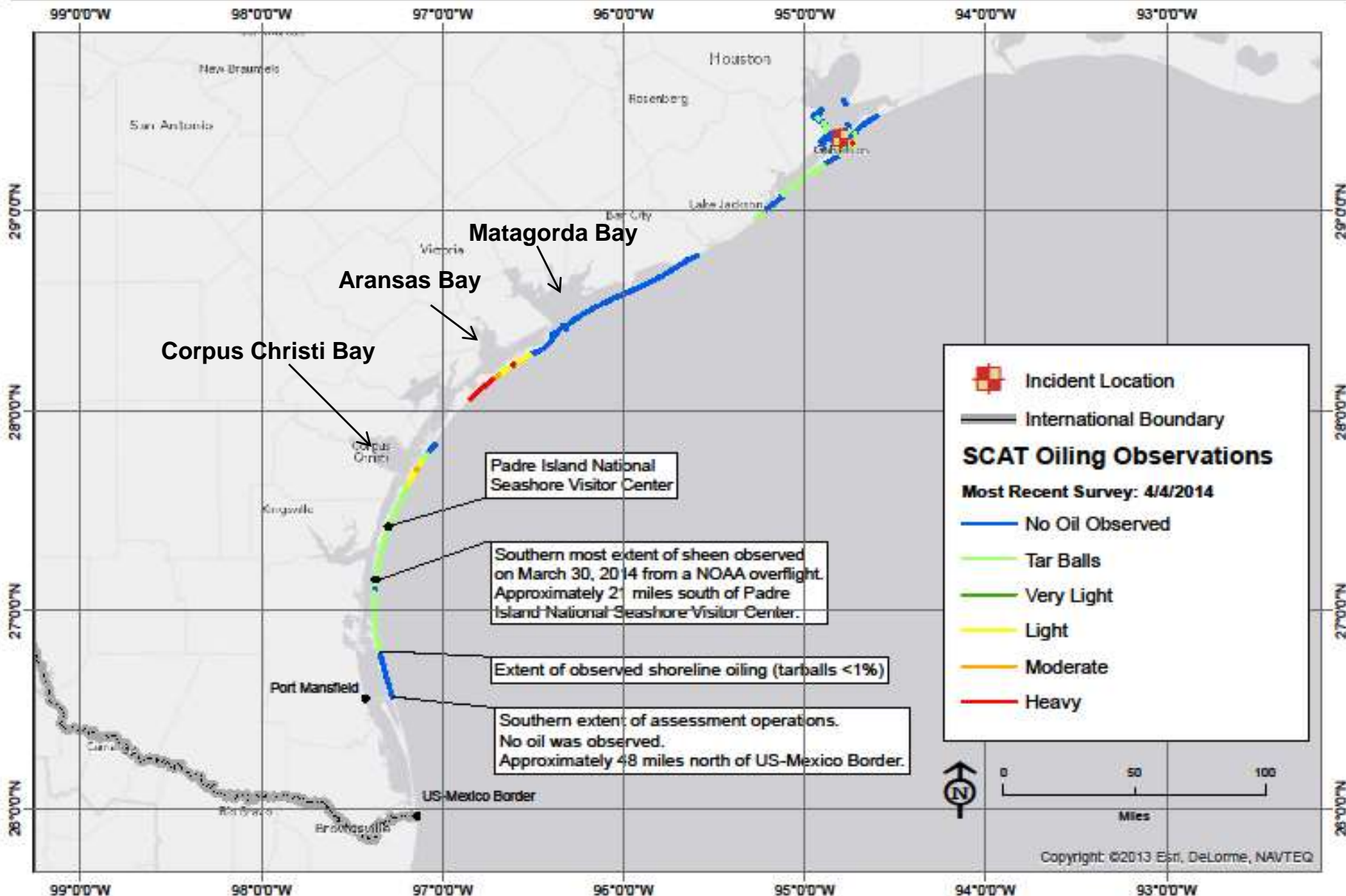
# Texas City "Y" Incident, Port Bolivar, TX

Type of Map: Extent of Oiling Along TX Coast

Prepared by: NOAA

USE ONLY AS A GENERAL REFERENCE

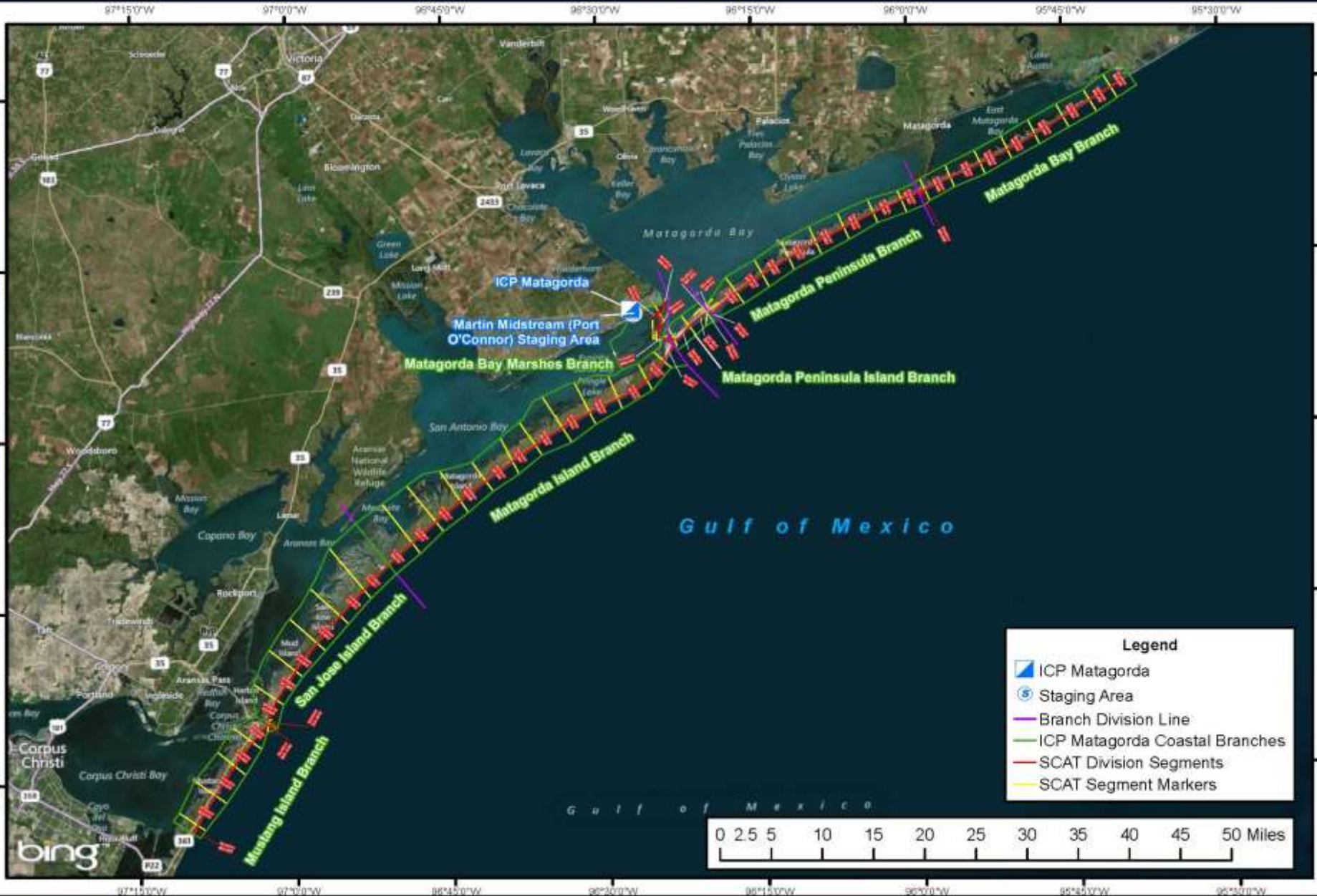
Date/Time: 4-6-2014 / 1400 CST







# Texas City Y Spill ICP Matagorda Coastal Overview Map 03/28/2014



**Legend**

- ICP Matagorda
- Staging Area
- Branch Division Line
- ICP Matagorda Coastal Branches
- SCAT Division Segments
- SCAT Segment Markers





**Padre Island National  
Seashore**

# Endangered Species on Matagorda Island

**Whooping Crane**



**Northern Aplomado Falcon**



**Piping Plover**

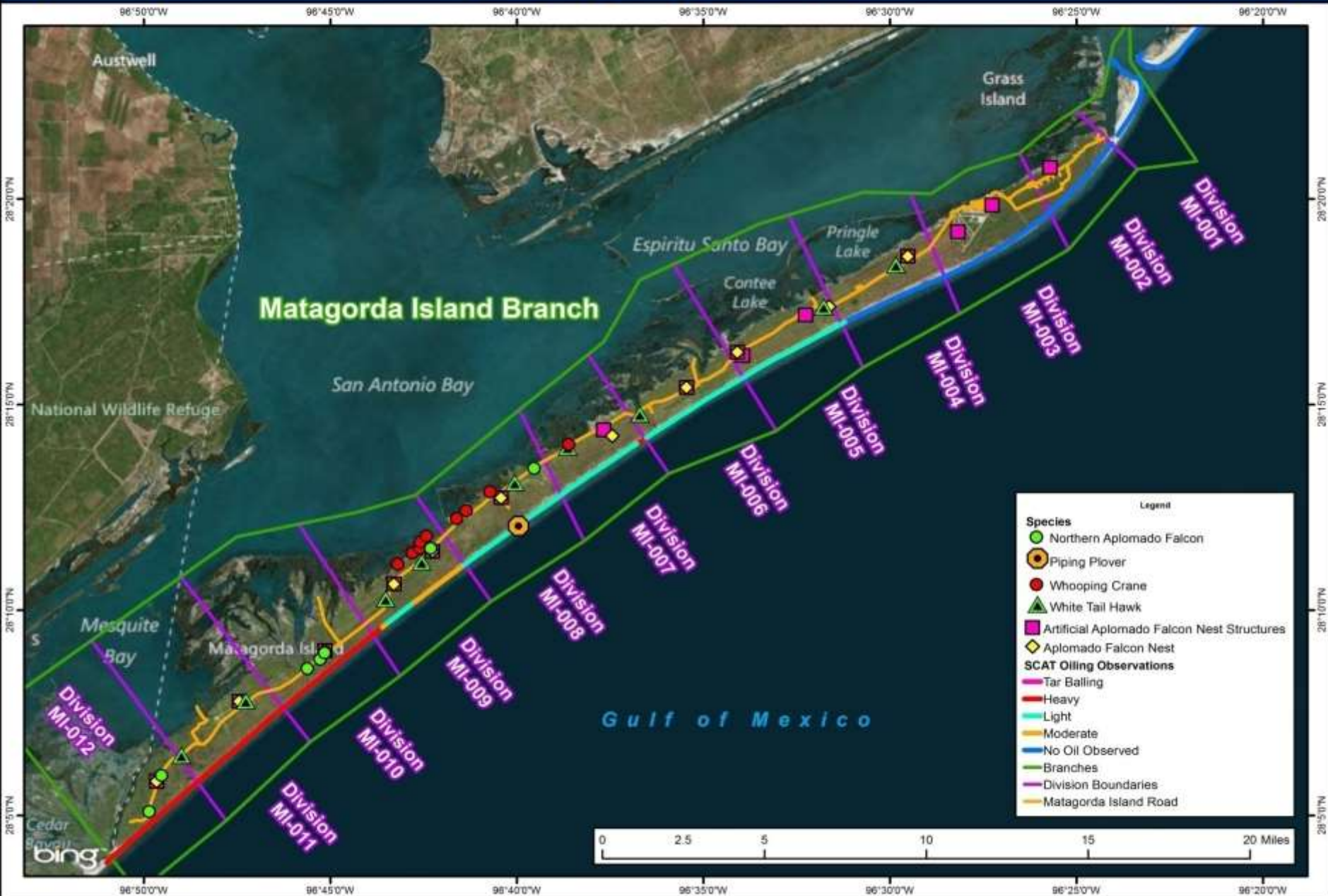


**Kemp's Ridley Sea Turtle**





# Texas City Y Spill Matagorda Island Species Sightings and SCAT Oiling Observations





# Management of Workers and Vehicles in Sensitive Area







**Matagorda Island**



# Matagorda Island





# S. Matagorda Island



Hello? Yes, I'm ready for the video conferenc



## Web-Based Teleconference

Allowed Unified Command to share visual information with regional stakeholders.

Stakeholders could see images of the response and ask specific questions.

Daily development of agenda and slide show.

Attendees – you never know who is listening





**Town Hall Meeting  
Address Local Community Concerns**



## **Things That Went Well**

1. CG IMAT & Strike Team / NOAA SSC mobilization & support
2. Branch Transition to ICP & Unified Command
3. External Communications – Webinar / JIC / LNO / Town Hall Meeting
4. Real World Testing of South TX ACP / Update ACP
5. Time of year, Mar - early May temps were cool.
6. Clean up crews

## **Challenges**

### 1. Logistics:

- Extreme remote location: access, mobility of personnel & equipment, response supplies, lodging/food service
- Communications: internet access, radios, cell phones, Sat Phones

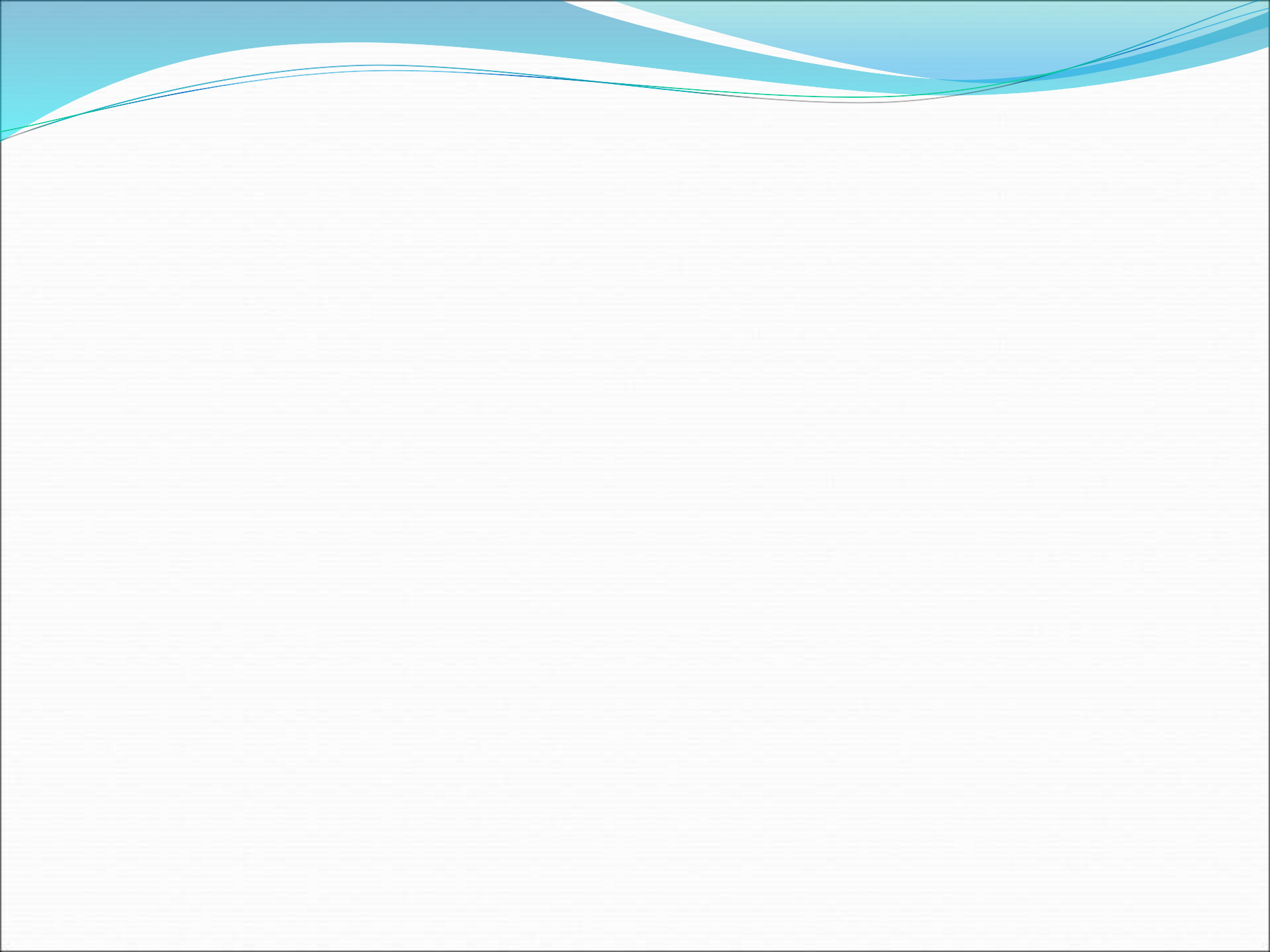
### 2. Environmentally sensitive wildlife areas

### 3. Agencies:

- ICS training, position specific ICS qualification, & organization structure
- Accountability of personnel, equipment, & costs
- Inaccurate incident information flow









27 March 2014  
Matagorda Island









# Texas City Y Spill ICP Matagorda Coastal Flight Route

