

# Texas General Land Office

Jerry Patterson, Commissioner



## Oil Spill Prevention and Response Program

# OVERVIEW

- OSPRA
- Jurisdiction
- 2006 Statistics
- Expectations
- Safety Concerns
- Operation Fulton Sheen

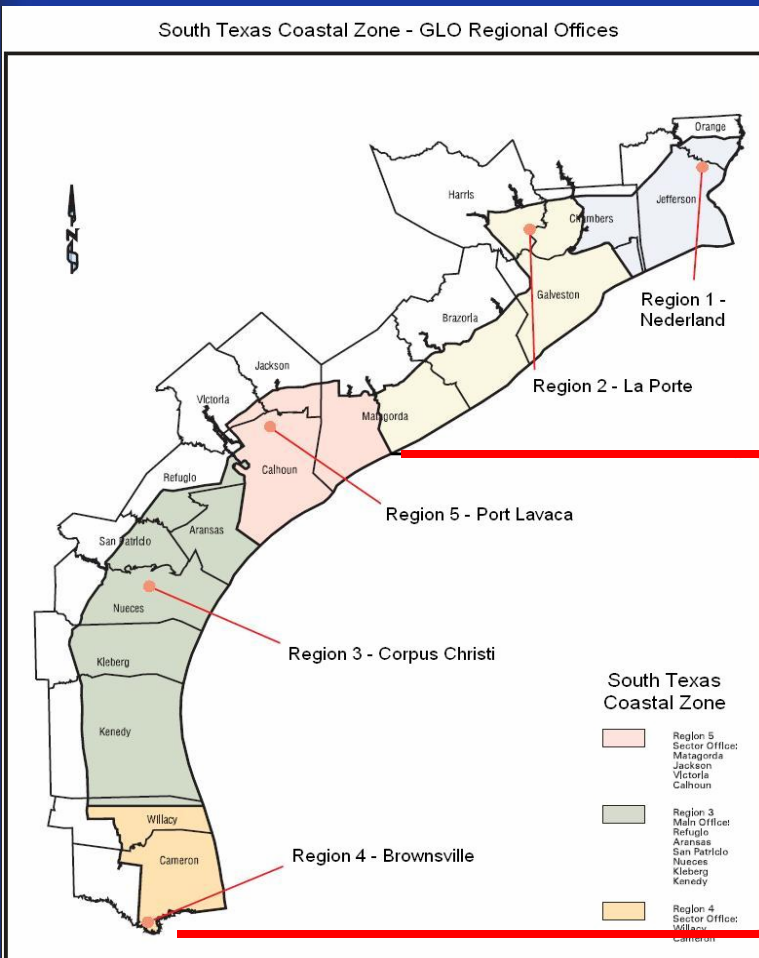
# OSPRA

- Oil Spill Prevention and Response Act of 1991 (OSPRA) designated the TGLO as the lead state agency for preventing and responding to oil spills in the marine environment.
- A 1 1/3 cent-per-barrel fee on crude oil loaded or off-loaded in Texas ports funds the OSPR program, which deposits fee proceeds in the Coastal Protection Fund Account.
- The program maintains six offices.
  - Austin Headquarters
  - Region 1: Nederland/Port Arthur
  - Region 2: La Porte
  - Region 3: Corpus Christi
  - Region 4: Brownsville
  - Region 5: Port Lavaca

# South TX Coastal Zone

## (Regions 3-4-5)

# Jurisdiction



**240 MILES**

Colorado River to the Rio Grande

### REMOTE/SENSITIVE AREAS

- > Mad Island
- > Matagorda Island
- > Welder Flats
- > Aransas NWR
- > Padre Island NS
- > Laguna Atascosa NWR
- > Numerous small areas

### 3 OFFICES

- > Corpus Christi (11)
- > Port Lavaca (6)
- > Brownsville (5)

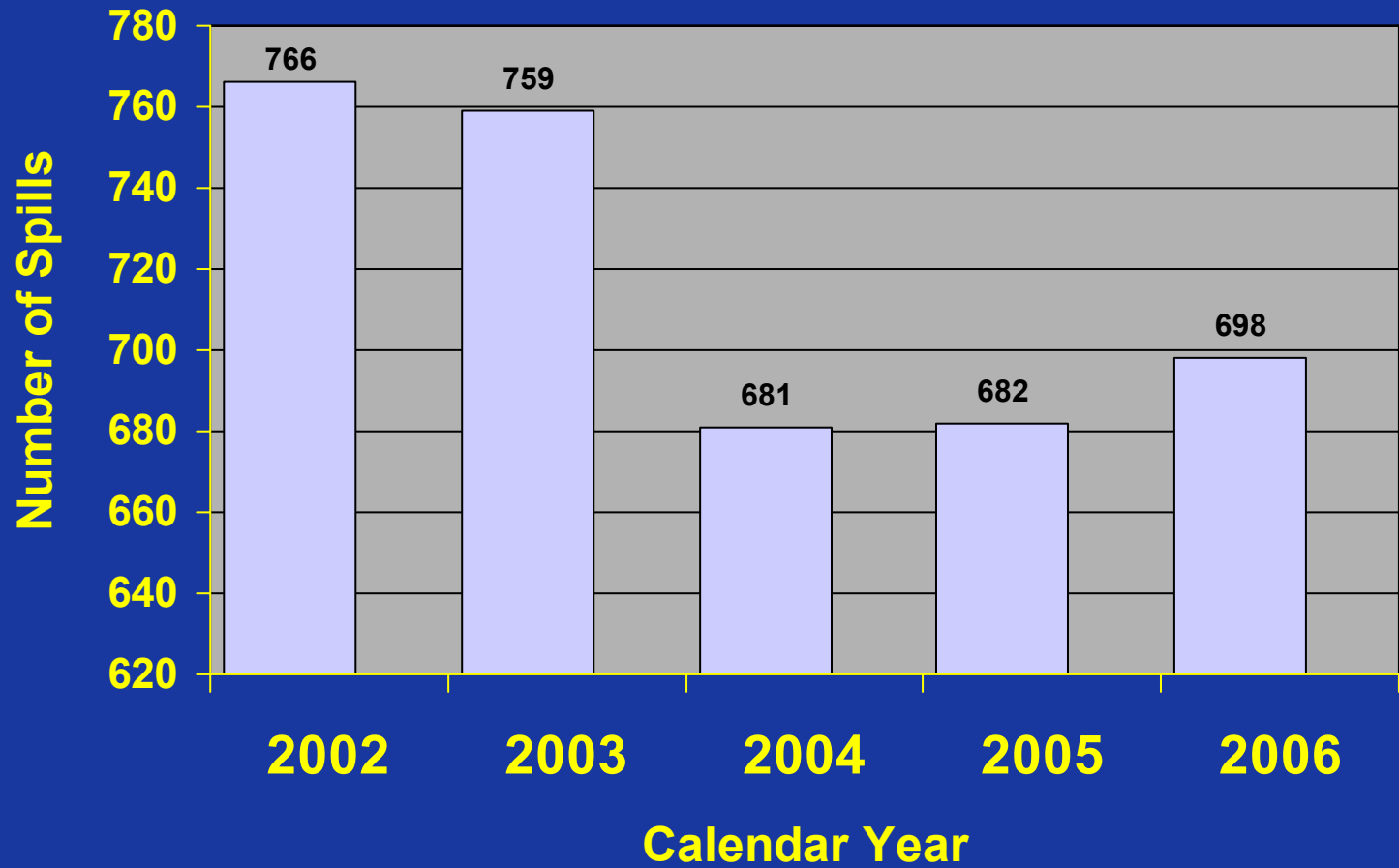
# SPILL



# Response



# Five-Year Coastal Oil Spill History



# Statistics

Jan 1 2006 – Dec 31 2006

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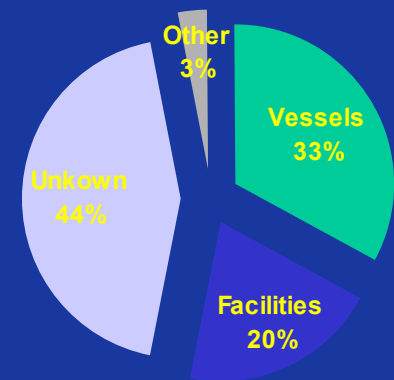
- 698 Total confirmed oil spills into Texas Coastal Waters Program-Wide
  - Locations -
    - 95 Region 1
    - 263 Region 2
    - 139 Region 3
    - 100 Region 4
    - 101 Region 5
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# 2006 Sources

(Number of Spills)

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- 33% from **Vessels** — (recreational, fishing, tug, tow, barges, tankers, cargo ships, MODU, dredge etc.)
- 20% from **Facilities** — (refineries, chemical plants, marinas, pipelines, E&P, shipyards, storage tank farms etc.)
- 44% from **Unknown**
- 3% from **Other** sources



# Spills by Sources

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	Facility	Vessel	Unk	Other	Total
Region 1	29	40	25	1	95
Region 2	71	113	72	7	263
Region 3	24	42	65	8	139
Region 4	3	15	81	1	100
Region 5	13	19	67	2	101
<b>PROGRAM</b>	<b>140</b>	<b>229</b>	<b>310</b>	<b>19</b>	<b>698</b>

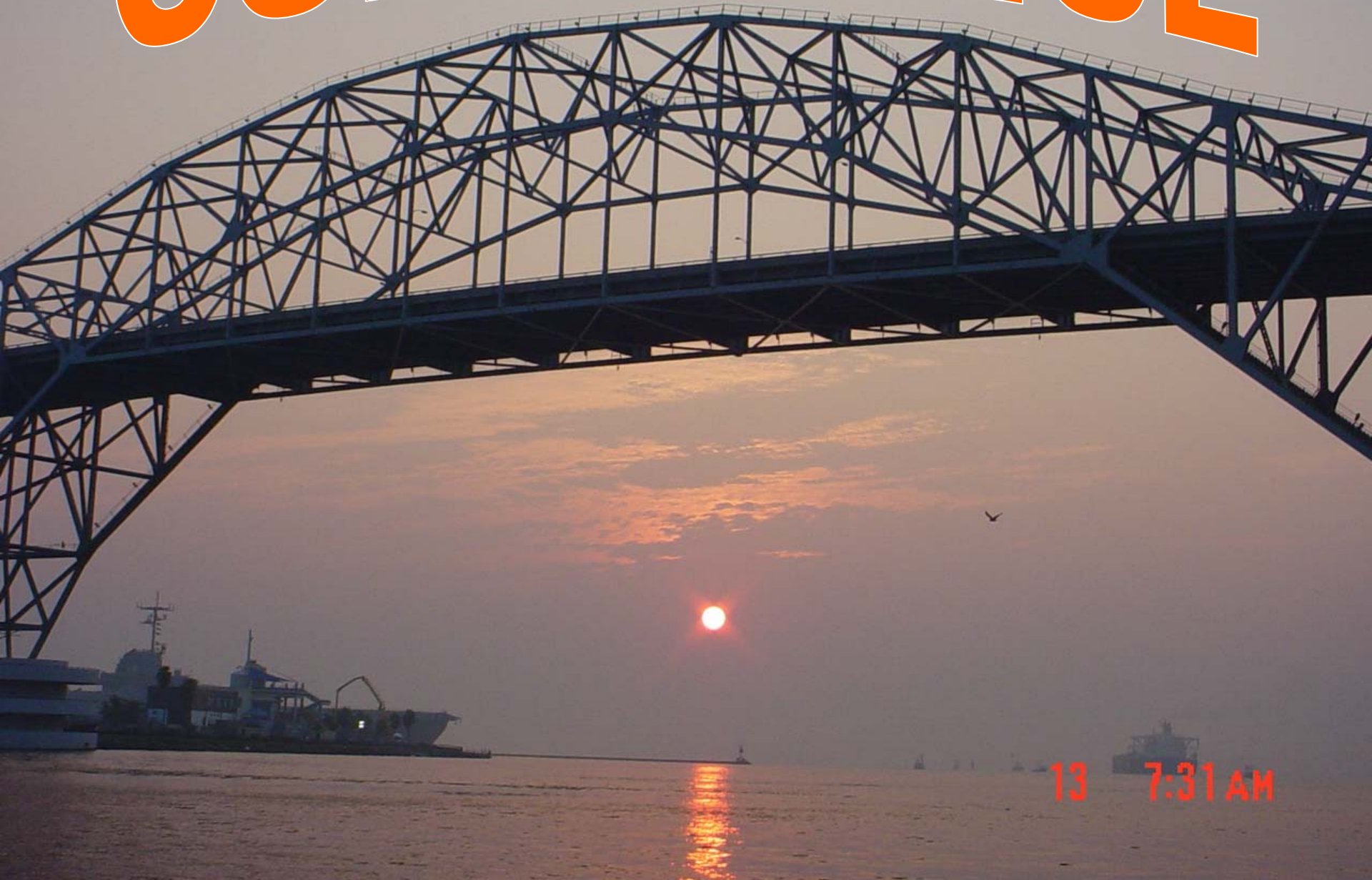
# 2006 Sources

## (Amount of Oil in Water)

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- 12% from Vessels – (23,328 gallons)
  - 86% from Facilities – (168,575 gallons. However, 142,000+ gallons were from the Valero spill. Removing that spill from the analysis, vessels and facilities contribute to similar amounts and each contributes seven times the amount of oil found from unknown sources.)
  - 2% from Unknown – (3,403 gallons)
  - <1% from Other sources – (112 gallons)
-

# COMPLIANCE



13 7:31 AM

# Project Types

- Facility
  - Audits
  - Inspections
  - Jurisdictional Determination
  - Corrective Action
  - Follow-up
  - Drills
- Patrols
  - Boat
  - Vehicle
  - ATV / Other
- Vessel
  - Transfer Monitors
  - Plan Review
  - Corrective Actions
  - Sunken Vessel



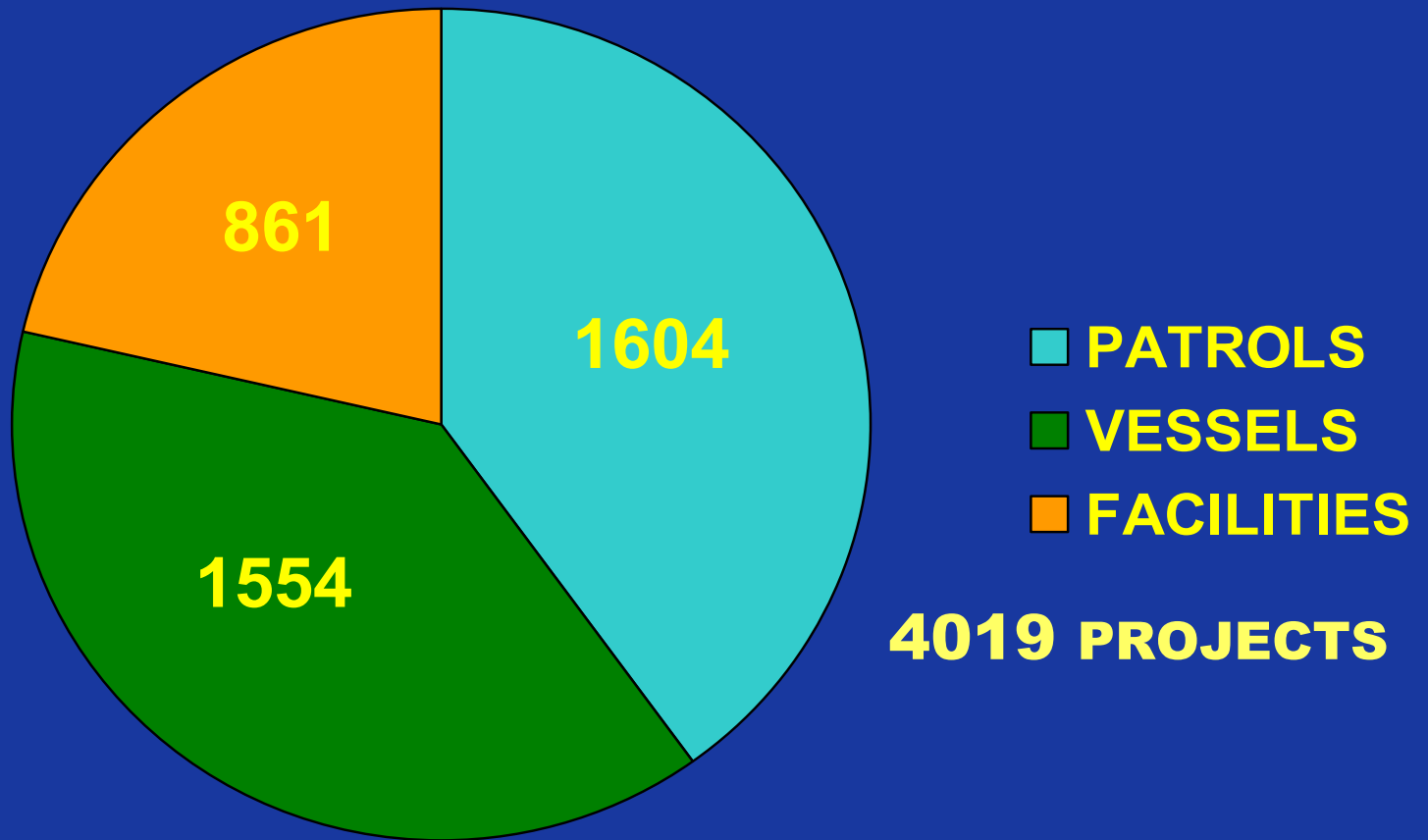
# 2006 Prevention Projects Completed

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	Patrols	Vessels	Facility	Total
Region 1	186	277	193	656
Region 2	580	543	300	1423
Region 3	288	381	170	839
Region 4	275	117	78	470
Region 5	275	236	120	631
<b>PROGRAM</b>	<b>1604</b>	<b>1554</b>	<b>861</b>	<b><i>4019</i></b>

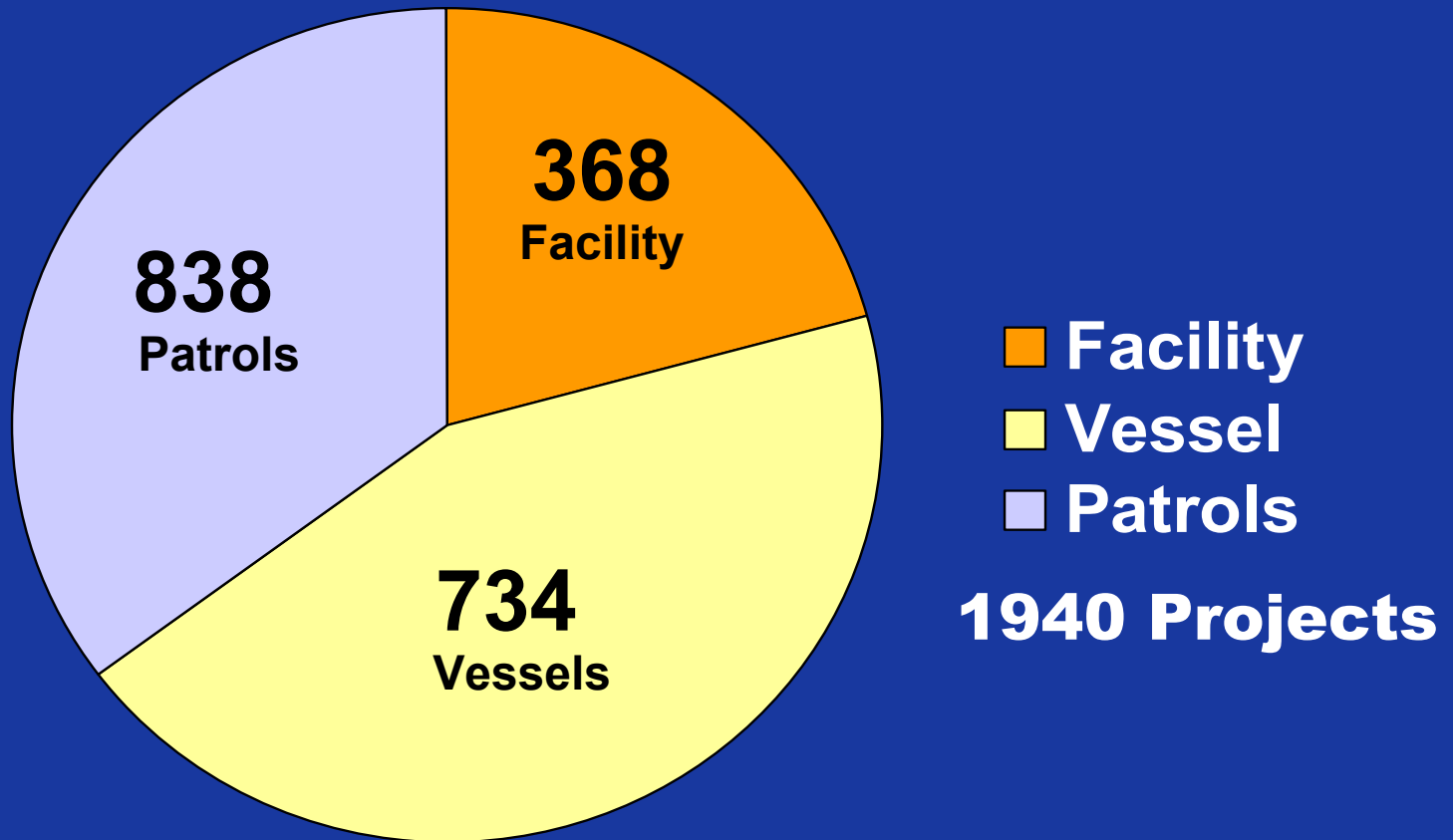
**2006**

**Total Projects Completed  
Texas Gulf Coast**

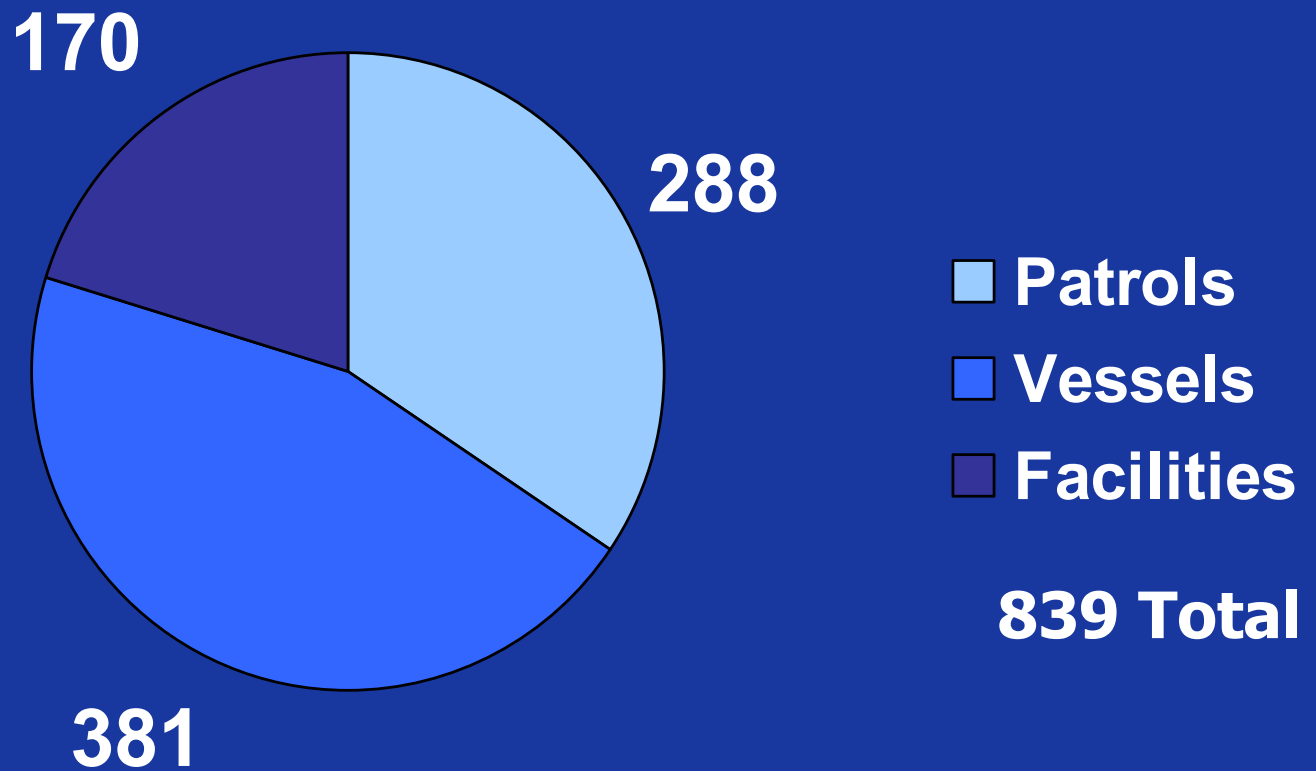


**2006**

**Total Projects Completed  
Colorado River to the Rio Grande**



# Region 3 – Corpus Christi



# Sunken Vessels

by **Body of Water**

Cayo De Oso – 3

Copano Bay – 14

ICWW – 1

Laguna Madre – 16

Laguna Salada – 2

Mesquite Bay – 1

Mission Bay - 2

Nueces Bay – 2

Oso Bay – 2

Redfish Bay - 8

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**TOTAL - 51**



# What to expect from the GLO

- Professional, courteous, knowledgeable Responders
- Responders en route to incident within 1 hour, 24/7/365
- Response well coordinated with Coast Guard
- GLO integrated into your ICS structure with SOSC in UC
- GLO RO in the field reporting progress on planned response activities and correcting on – site procedural problems

# GLO Overall Concern

- Cleaning the spill safely & efficiently, while causing the least possible damage to the State of Texas both environmentally and economically.
- However, OSPRA 91 declares the state interests ( **preservation of the Texas coast**) outweigh the economic burden imposed from an oil spill.

# Expectation for the RP

- Spill notification within 1 hour **1-800-832-8224**
- ICS trained spill management team / use of ICS
- Safety: plan, briefing, operations, on-site control
- Use of plans: site specific, ACP, & IAP
- Situational updates

**An aggressive, well thought out, and coordinated response plan, effectively, and efficiently carried out.**

# Unauthorized Discharge Matrix

	1 <sup>st</sup> Spill	2 <sup>nd</sup> Spill	3 <sup>rd</sup> Spill	4 <sup>th</sup> Spill	5 <sup>th</sup> Spill
$\leq$	\$250	\$250	\$250	\$250	\$250
$\geq$	\$350 + \$200/b bl	\$400 + \$200/b bl	\$450 + \$200/b bl	\$500 + \$200/ bbl	\$550 + \$200/b bl

# Safety Concerns

- A small amount of hazardous substance can render the spill a HAZMAT event – TCEQ
- Unknown Substance
  - Presence of hazardous chemical containers
  - Cloud, mist, or vapor
  - Strong odors not of a petroleum product origin
  - Deceased fish or birds with lesions or burns
  - Burning eyes, tingling of extremities
- Treated as a potentially lethal substance
- Confined Space Entry – ( bilge, tank, vessels) 40 Hr HAZWOPER

# **OPERATION FULTON SHEEN**

**January 2006**

## Agency Participation

- GLO
- USCG
- US Border Patrol
- US Customs
- TX Parks & Wildlife
- TX Commission on Environmental Quality
- Aransas County Navigation District
- Aransas County Sheriff's Dept.

### PHASE I

- TGLO boarded 27 vessels
- 7 illegal immigrants found on board
- 3 spills in Fulton Harbor
- 1 vessel terminated due to violations
- 19 violations found
- 5 individuals arrest on outstanding warrants

### PHASE II

- TGLO boarded 16 vessels
- 2 spills in Fulton Harbor
- 3 vessels directed to pump-out
- 5 violations found
- 4 individuals arrest on outstanding warrants
- 1 catch was released due to undersized oysters



01.11.2006 07:33



TEXAS  
GENERAL LAND OFFICE

USCG

FULTON  
HARBOR  
POPS

SHERIFF  
MARSHAS COUNTY

TEXAS  
886-395

SHERIFF  
ARKANSAS COUNTY

SERVING OUR COMMUNITY

01.11.2006 07:39



01.11.2006 10:45



EL PUÑECO  
PORT LA YACA TX  
BOYS TRAVEL

01.11.2006 11:03

TEXAS  
GLO

EMERGENCY

01.18.2006 04:11



01.18.2006 07:54



01.18.2006 08:38



01.18.2006 11:30

# Q & A



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