



# Texas Transportation Forum

## U.S. Coast Guard

### Port Security

Captain Marcus Woodring  
Sector Houston-Galveston



ALL THREATS ALWAYS READY

# A Day in the Life of Sector H-G...



**20 Vessel Inspections**

**35 Aids to Navigation Discrepancies**



**4 Facility Inspections**

**3 Lives Saved/Assisted**



**502 Total Tow Movements**

**2 Law Enforcement Violations**



**96 Vessel Arrivals**

**2 Security Boardings**



**22 Merchant Mariner Credentials Issued**

**3 Marine Investigations**



**3 Pollution Responses**



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# Critical Infrastructure





# Houston and Galveston Bay

70 ship and 350 tug/barge movements a day

Exxon-Mobil's largest refinery in the world

Dow's largest petrochemical plant in the West Hemisphere

Shell's largest refinery in US

Strategic Petroleum Reserve



**Legend:**

- Oil / Chem Facilities
- Bridges
- Passenger Vessels

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**MSU Port Arthur**








4 Refineries – 11% of nation's gasoline production

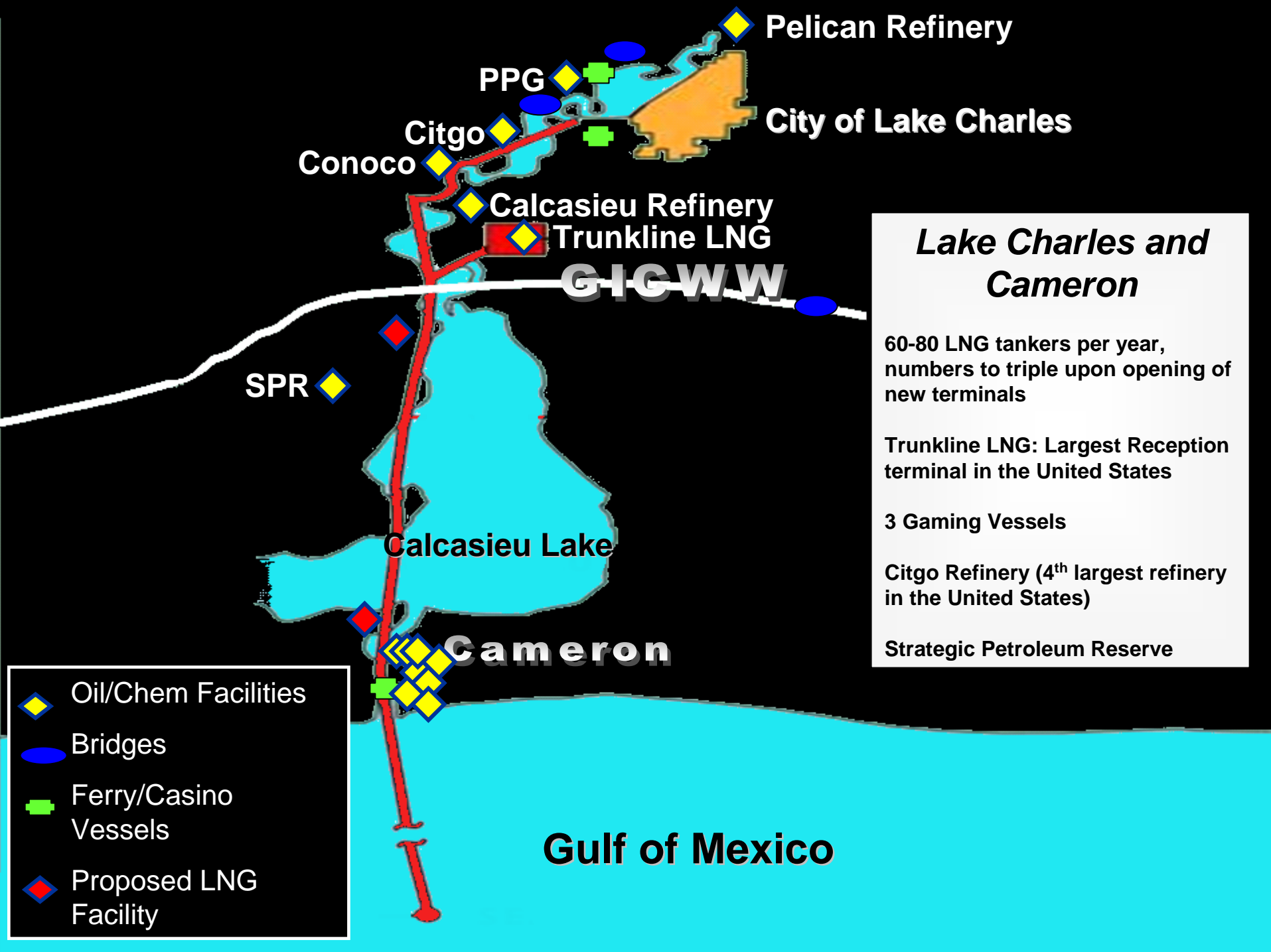
3 LNG terminals, 3 new LNG coming

Strategic Petroleum Reserve

Military Outload Port



-  Comms/AIS Site
-  CCTV
-  Radar
-  USCG Shore Unit
-  Oil / Chem Facilities
-  Bridges
-  Critical Intersections



## Lake Charles and Cameron





60-80 LNG tankers per year, numbers to triple upon opening of new terminals

Trunkline LNG: Largest Reception terminal in the United States

3 Gaming Vessels

Citgo Refinery (4<sup>th</sup> largest refinery in the United States)

Strategic Petroleum Reserve

-  Oil/Chem Facilities
-  Bridges
-  Ferry/Casino Vessels
-  Proposed LNG Facility

Gulf of Mexico

GIGWW

Calcasieu Lake

Cameron

Conoco

Citgo

PPG

City of Lake Charles

Pelican Refinery

Calcasieu Refinery

Trunkline LNG

SPR

# Our Ports - A National Comparison



(Millions of Short Tons and % of change from 2005 – 2006 ACOE data)

1	Port of S Louisiana, LA	225.5	+	5.6%	16	Tampa, FL	46.2	-	6.0%
<b>2</b>	<b>Houston, TX</b>	<b>222.1</b>	<b>+</b>	<b>5.0%</b>	17	Baltimore, MD	42.4	-	3.8%
3	New York, NY and NJ	157.6	+	3.6%	18	Pittsburg, PA	42.0	-	3.8%
4	Long Beach, CA	84.4	+	5.7%	19	Paulsboro, NJ	39.2	+	22.4%
<b>5</b>	<b>Beaumont, TX</b>	<b>79.5</b>	<b>+</b>	<b>.8%</b>	20	Philadelphia, PA	38.6	-	1.9%
<b>6</b>	<b>Corpus Christi, TX</b>	<b>77.6</b>	<b>-</b>	<b>0.1%</b>	21	Pascagoula, MS	37.7	+	28.4%
7	Huntington-Tri-state	77.2	-	8.0%	22	Valdez, AK	36.2	-	18.7%
8	New Orleans, LA	76.9	+	16.7%	23	Norfolk, VA	34.2	-	2.9%
9	Los Angeles, CA	66.0	+	20.2%	24	Savannah, GA	34.0	+	12.8%
10	Mobile, AL	59.8	+	3.8%	<b>25</b>	<b>Freeport, TX</b>	<b>32.1</b>	<b>-</b>	<b>4.3%</b>
<b>11</b>	<b>Lake Charles, LA</b>	<b>58.4</b>	<b>+</b>	<b>10.8%</b>	-----				
12	Baton Rouge, LA	56.3	-	5.0%	<b>28</b>	<b>Port Arthur, TX</b>	<b>28.4</b>	<b>+</b>	<b>7.6%</b>
13	Plaquemines, LA	55.9	+	16.7%	<b>55</b>	<b>Galveston, TX</b>	<b>9.4</b>	<b>+</b>	<b>16.8%</b>
<b>14</b>	<b>Texas City, TX</b>	<b>48.9</b>	<b>-</b>	<b>15.5%</b>					
15	Duluth-Superior, MN/WI	47.0	+	5.0%					

*Taken from ACOE U.S.  
Port Rankings 2006*

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## Houston

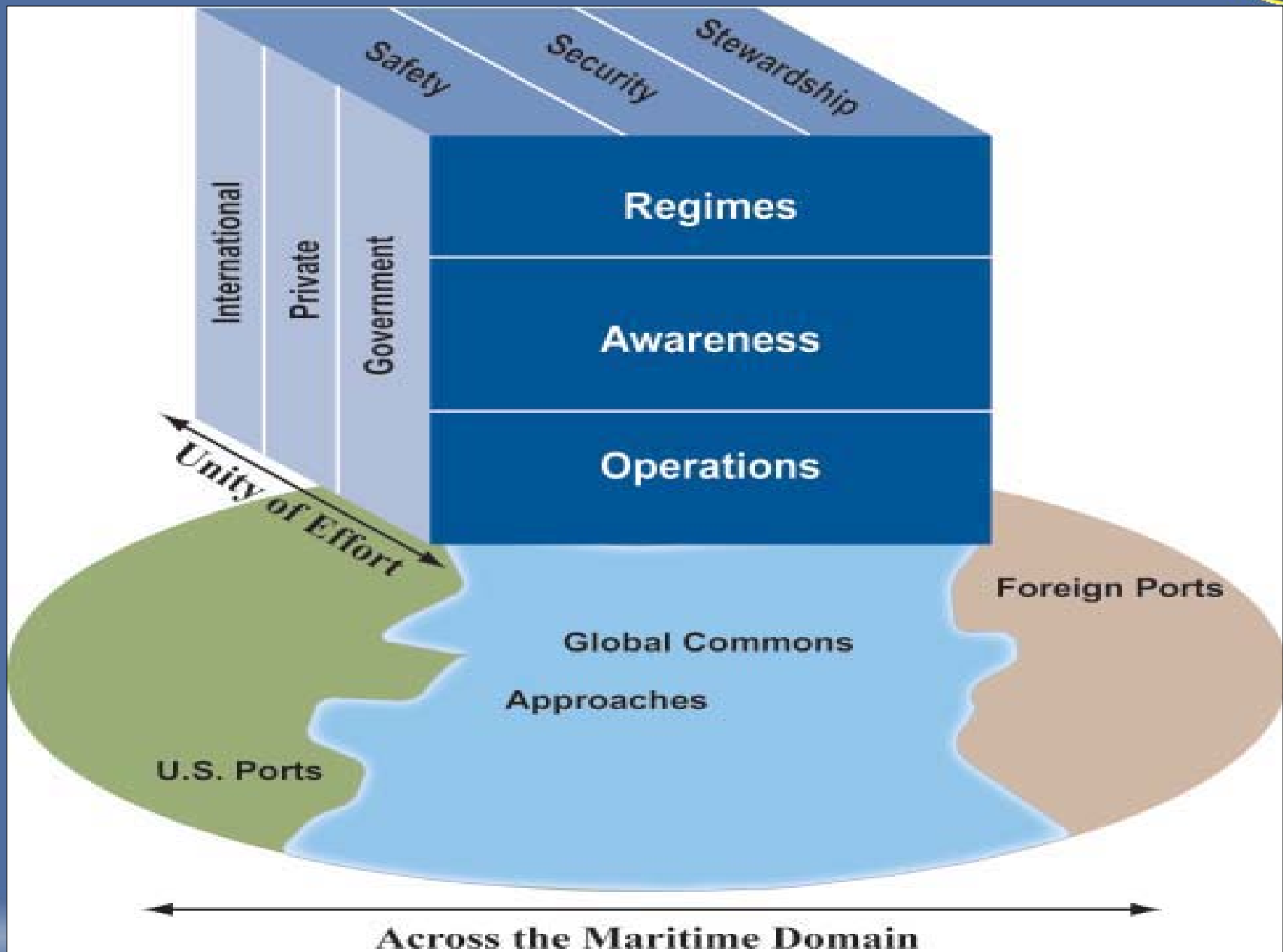
- \$117 billion dollars a year in economic impact (\$322 million dollars a day)
- 2<sup>nd</sup> largest petrochemical complex in world and largest in U.S.
- 10<sup>th</sup> largest port in the world
- 785,000 jobs flow from port activity
- 49% of the refined products produced in this country come from Houston Ship Channel industries

## Texas City/Freeport/Galveston

- \$50 million dollars a day combined economic impact



# Coordination



# Missions (top)



## Safety

- Houston-Galveston Navigational Safety Advisory Committee (HOGANSAC)
- Ship channel management

## Security

- Area Maritime Security Committee (AMSC)
- Issues such as TWIC, PSGs, and Security Plans

## Stewardship

- Central Texas Coastal Area Committee (CTCAC)
- Spill response and environmental issues

# Response (front)



## Regimes

- Laws and Regulations

## Awareness

- Vessel Traffic Service – AIS, cameras, tracking
- Advanced Notice of Arrival and screening
- Transportation Workers Identification Card (TWIC)

## Capability/Operations

- Mounted Automatic Weapons
- Armed helicopters
- MSST in Galveston

# Partnerships (side)



## Government

- USCG, TSA, CBP, DHS, FEMA, States, local Counties, local Cities

## Private/Industry

- Port Authorities, Shipping Companies, Shipping Agents, Facilities, Refineries, Labor groups, Offshore industry, Vessels

## International

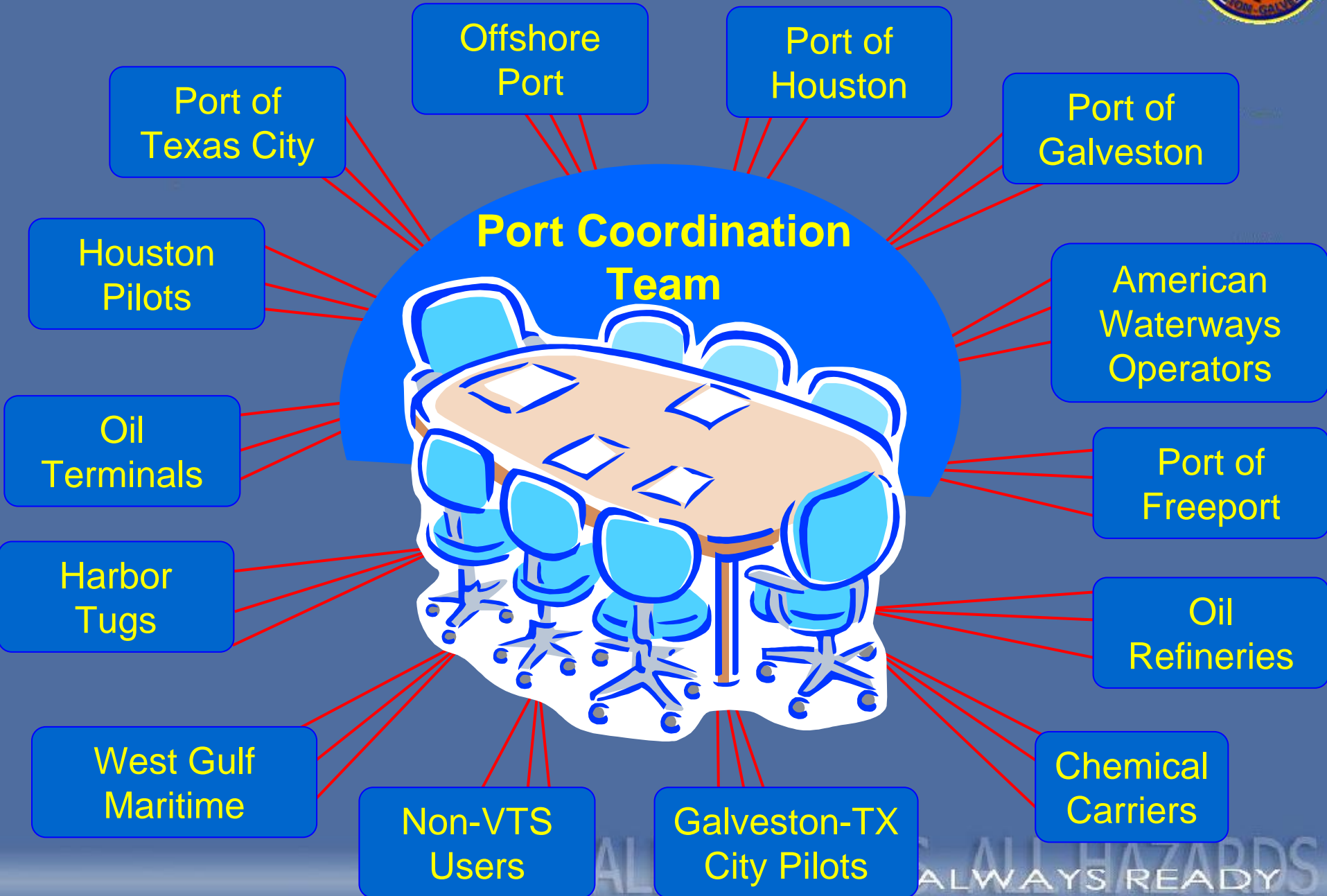
- Overseas screening of cargo, International Safety and Security Regulations, Foreign laws



# Security



# 1 - Port Coordination Team (PCT)





## Goals

- 1) Communicate, communicate, communicate
- 2) Coordinates port wide security posture changes in response to threats
- 3) Ensures Port reopening and prioritization of maritime traffic optimizes timely supply of critical commodities to facilities



## Security and Accountability for Every Port Act (2006)

- TWIC card required in our ports nationwide by 25Sep08
- “Interagency Operational Centers for Port Security” at all high priority ports within 3 years
- Port Security Grants shift from “fair and equitable” to “based on risk” and more regionally focused
- Develop protocols for the resumption of trade in the event of transportation disruption or incident





## Transportation Workers Identification Card (TWIC)

- TSA is responsible for enrollment, security threat assessment, adjudication, card production, card issuance, appeal/waiver process, technology and system management.
- Coast Guard is responsible for enforcing proper usage of TWIC IAW new regulations, existing access control plans, and approved security plans.



*Front of a sample TWIC*



*Back of a sample TWIC*

# Interagency Maritime Operations Center



**Build it, they will come -  
*If it is useful to all...***





## Maritime Transportation System Recovery Unit

- ***“The MTS is an integral part of our nation’s economy... temporary incapacitation at the local level can have a dramatic impact throughout the region and nation.” - DOT 1999***
- **Very complex system of vessels, system users, vehicles, railways, facilities, waterways, intermodal port connections, and economic impact**



## DHS money allocated for Port Security

- Houston area received over \$8 million dollars in Round 7A and \$31 million in Round 8
- Changes to process
  - Fiduciary Agent in each port to handle grant money
  - Sub-committee of AMSC established to review grant applications on a regional basis
  - Amount allocated based on “risk” vice “simple port size”

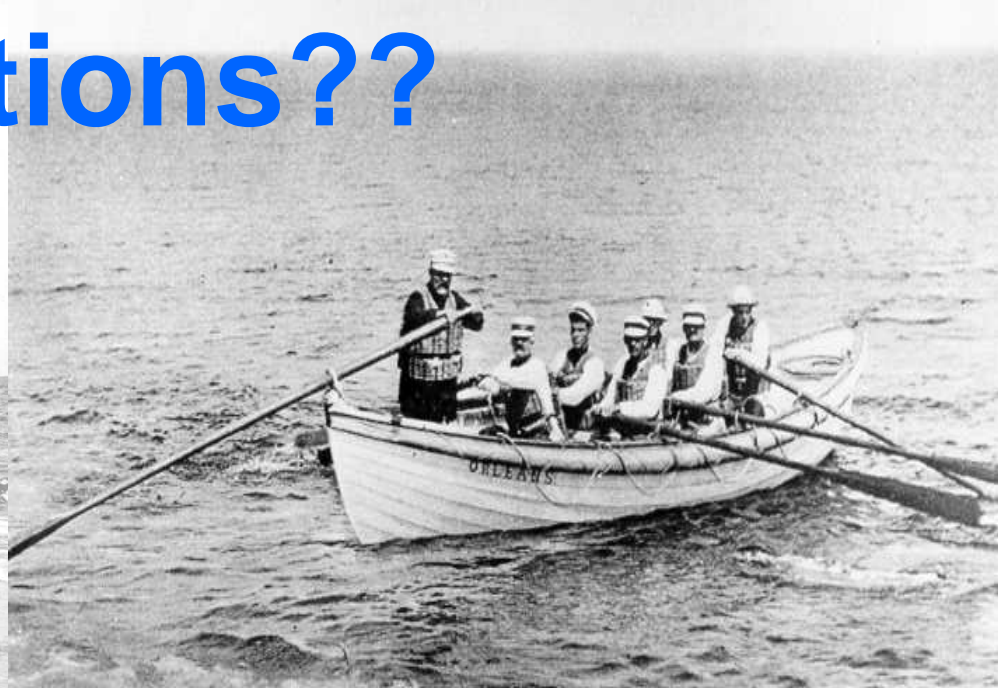


# Houston Ship Channel Security District



- The Houston Ship Channel Security Council (HSCSC) is a public-private partnership formed to address a system-wide approach to security on the upper Houston Ship Channel.
- A State of Texas Bill (HB 3011/SB 1474) passed in May 2006, and was signed by Governor Perry on 15 June 2006, which creates the HSCSD as a base for the future/ continuing funding of security along the Houston Ship Channel.
- This model is being closely watched by DHS as a potential national model in other ports for the longevity of funding O&M for PSG purchases.

# Questions??



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