

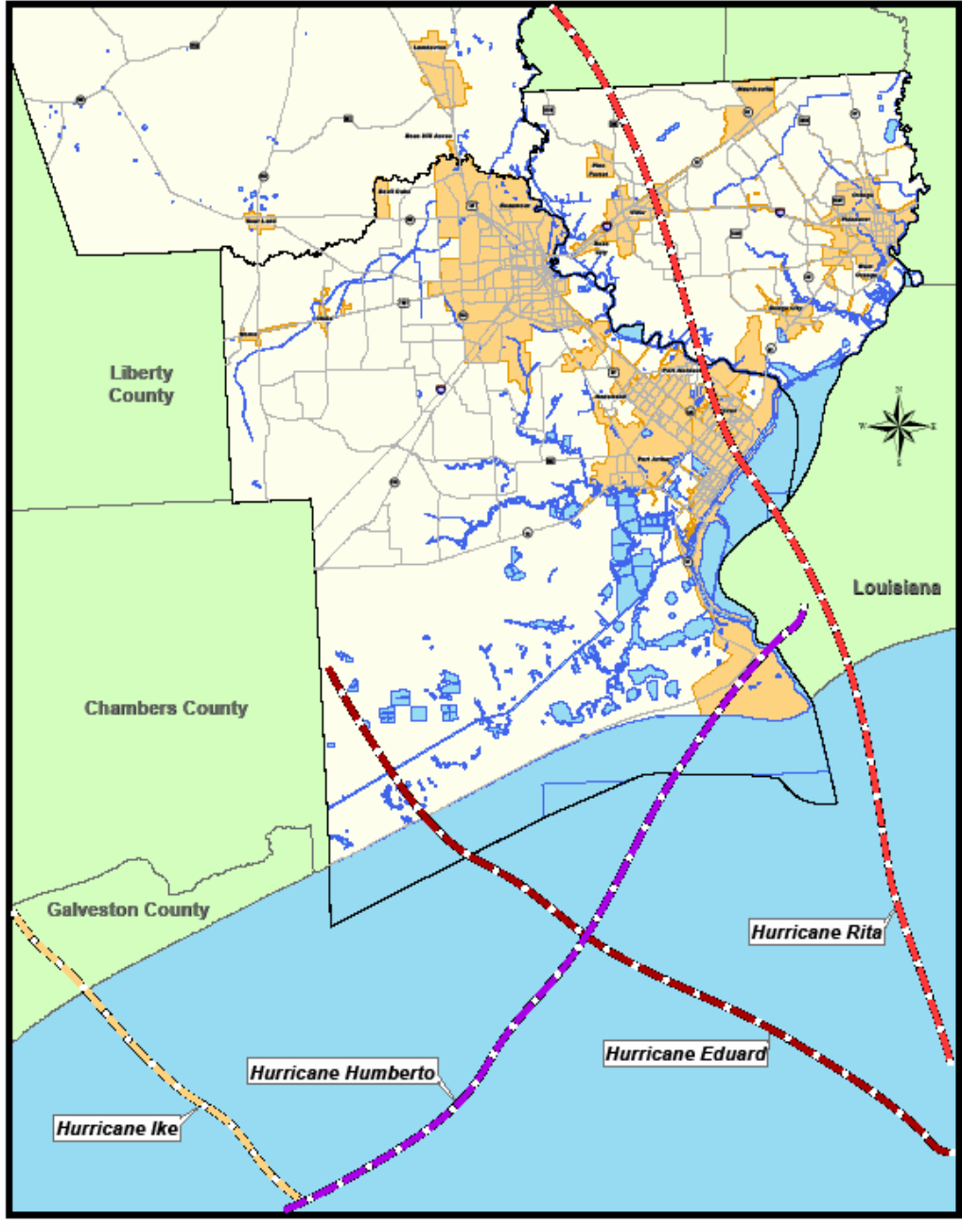
# HURRICANE LESSONS LEARNED

## Storms Impacting South East Texas in the Last Four Years

| Storm                 | Category  | Date of Landfall   |
|-----------------------|---|--------------------|
| Hurricane Rita        | 3   | September 24, 2005 |
| Hurricane Humberto    | 'Surprise' Category 1   | September 12, 2007 |
| Tropical Storm Eduard | Tropical Storm  | August 4, 2008     |
| Hurricane Gustav      | Mandatory Evacuation for South East Texas<br>Storm Turned North East          | August 30, 2008    |
| Hurricane Ike         | Strong Category 2<br>Massive Storm Surge<br>Storm Equivalent to Size of Texas | September 13, 2008 |

*See Storm Track Map Below*

# Southeast Texas Region



## ACCOMPLISHMENTS ACHIEVED HURRICANE RITA (2005) VERSUS HURRICANE IKE (2008)

*Much was accomplished at the state and local level during the intervening years between Hurricane Rita and Hurricane Ike. These include:*

Statewide Interoperability Mandate

211 Database Registry for Special Needs

Definition of Special Needs

- Medically fragile/elderly/disabled residing in home setting
- Any individuals without evacuation means
  - Due to lack of vehicle
  - Due to lack of finances

Pre-Disaster Contracts

Fuel Plan

Sister City Point to Point Evacuation

Continuity of Operations Planning (COOP)

Evacuation Bus Drivers Allowed/Encouraged to Take Their Own Family on Bus

Comfort Stations Liberally Placed Along Evacuation Route

Pet Evacuation Plans/Public Education



## PAST TEXAS LEGISLATIVE DISASTER ACTIONS

- Mandatory Evacuation Order During a Disaster
  - Local Elected Official
  - Texas Governor
- Statewide Mutual Aid
- Regional Incident Commander Designated by Each Region
- Disaster Contingency Fund

## TEXAS LEGISLATURE EMERGENCY ACTIONS 2009

- Supplemental Appropriations to State Agencies for Recovery
- Assistance to Public/Private Entities to Assist with Recovery
- Reform of Texas Windstorm Insurance Association and Catastrophe Reinvestment Fund



## CHALLENGES THAT REMAIN

- Housing Needs
  - Temporary Housing
  - Pre-Disaster Contracts
  - Pre-Staged Rapidly Deployable
- Expedient Access to Professional Services
  - Immediately after storm (within one week)
  - Engineering firms to complete damage assessments
  - Assist with FEMA Project Worksheets to ensure timely reimbursement
- Waivers Needed from Federal/State Agencies in Disaster Recovery
  - Debris removal
  - Marsh burning
  - Carcass disposal
  - Oil spill clean-up/removal
- Funding for Disaster Contingency Fund

