

Upper Texas Coast Channels

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*Galveston District – 2011 Beneficial Use of
Dredge Material Workshop*

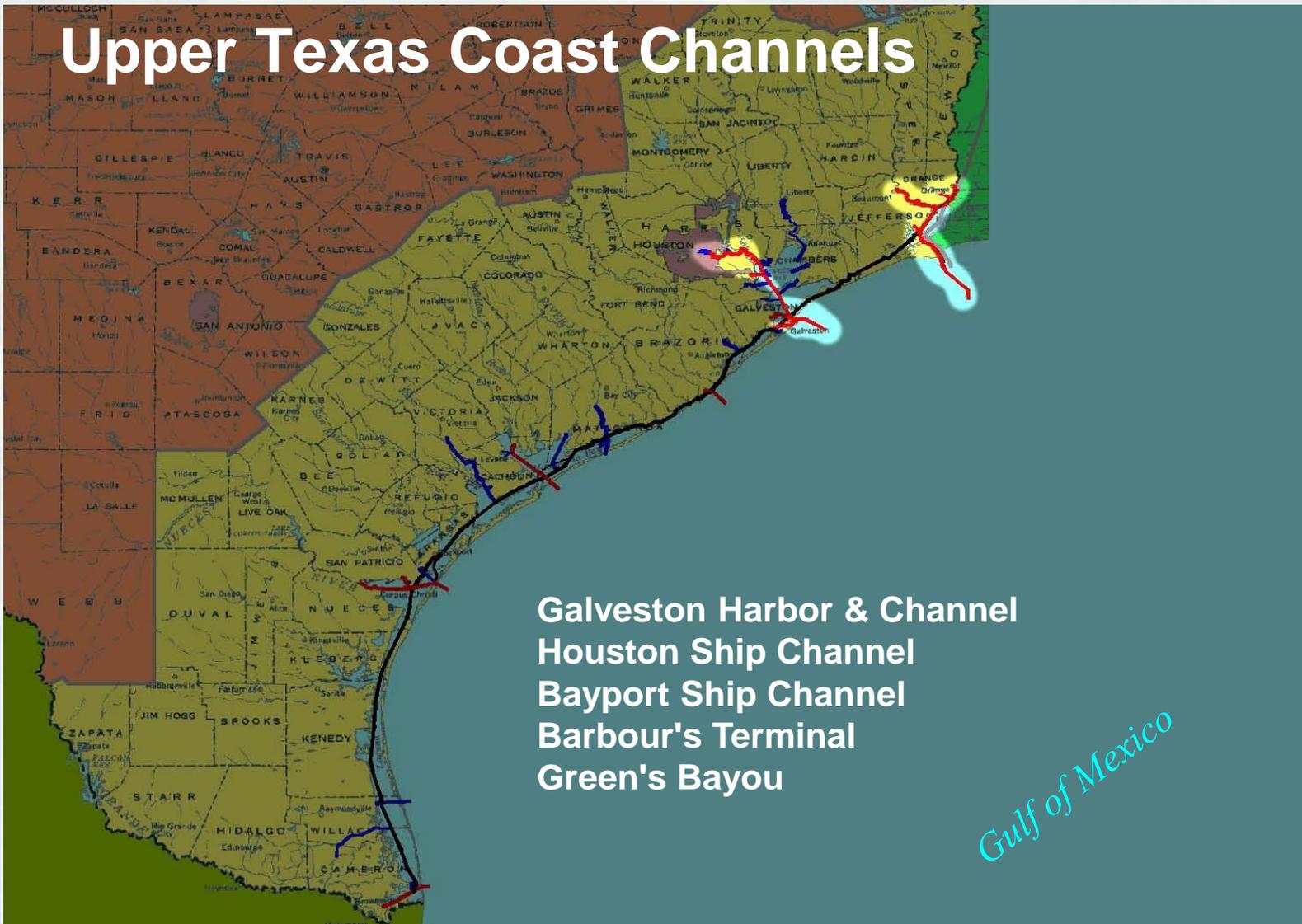
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Upper Texas Coast Channels



Galveston Harbor & Channel
Houston Ship Channel
Bayport Ship Channel
Barbour's Terminal
Green's Bayou

Gulf of Mexico



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FY 2012

Projects

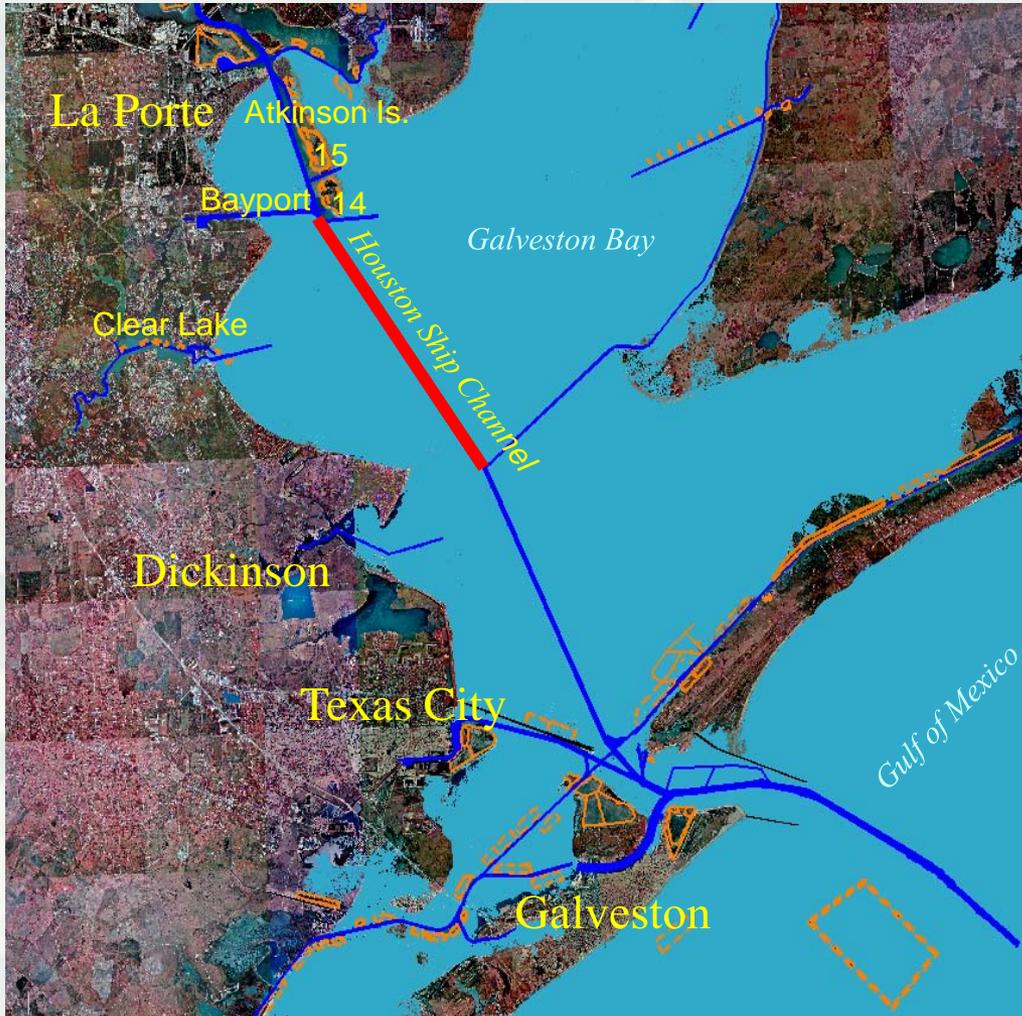
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Houston Ship Channel

Redfish Reef to Bayport (Beacon 76)



- **Type of Work:** Maintenance Dredging
- **Depth:** 45'
- **Quantity:** 2,800,000 CY
- **Material Type:** Silt
- **Placement Plan:** Mid-Bay
- **Avg. Distance to PA:** 2 Miles
- **Equipment Type:** Pipeline Dredge
- **Small Business Set Aside:** NA
- **Award:** 1st Q FY12

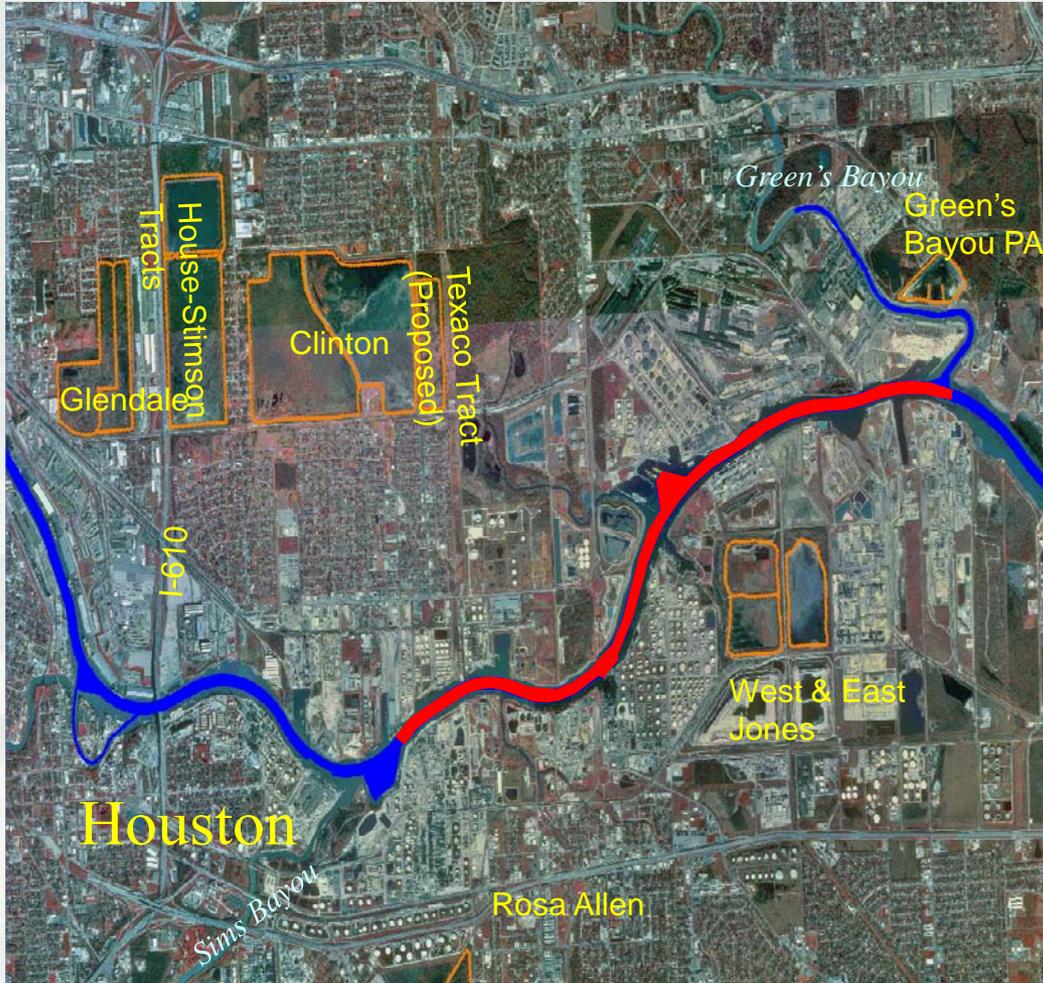


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Houston Ship Channel

Greens Bayou to Sims Bayou



- **Type of Work:** Maintenance Dredging
- **Depth:** 45' & 40'
- **Quantity:** 1,400,000 CY
- **Material Type:** Silt
- **Placement Plan:** Rosa Allen
- **Avg. Distance to PA:** 4 Miles
- **Equipment Type:** Pipeline Dredge
- **Small Business Set Aside:** NA
- **Award:** 2nd Q FY12



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Bayport Ship Channel

Bayport Channel, Turning Basin and Flare



- **Type of Work:** Maintenance
- **Depth:** 40'
- **Quantity:** 1,000,000 CY
- **Material Type:** Silt
- **Placement Plan:** Mid-Bay and PA14
- **Avg. Distance to PA:** 4 miles
- **Equipment Type:** Pipeline
- **Small Business Set Aside:** NA
- **Award:** 3rd Q FY12

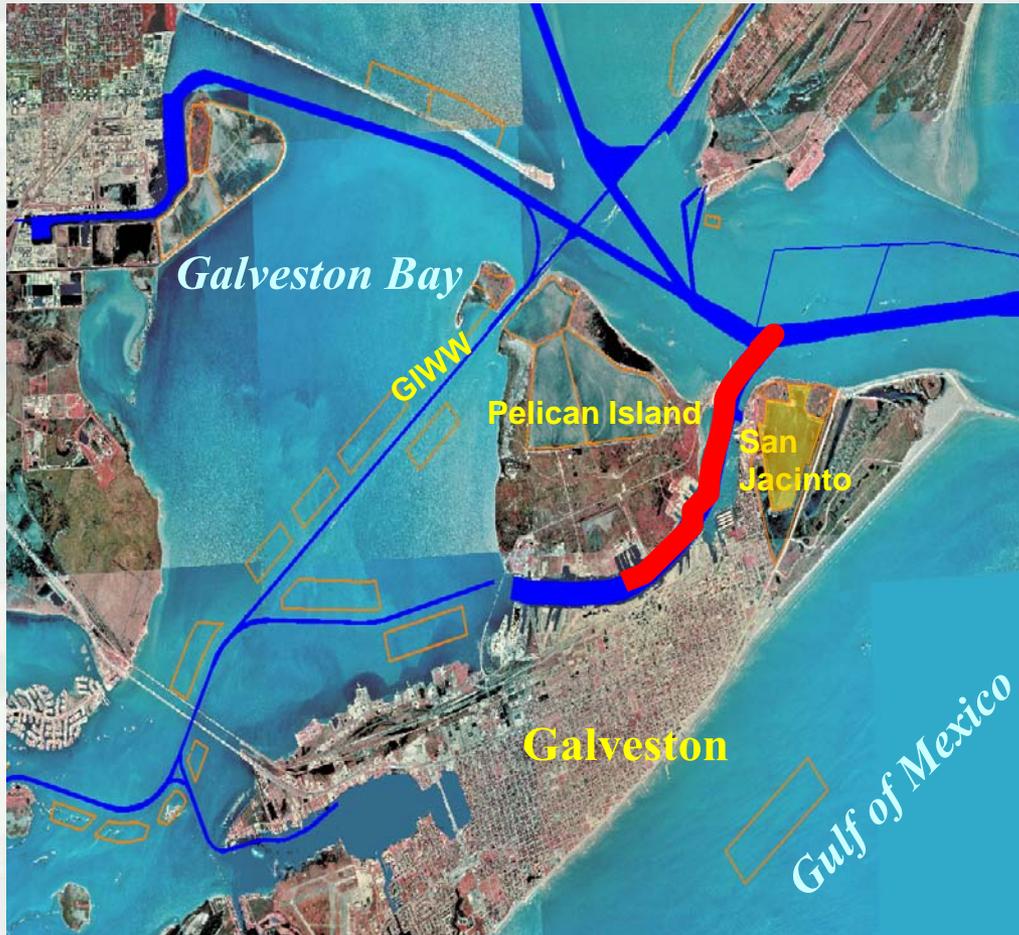


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Galveston Harbor and Channel

Galveston Inner Harbor Channel



- **Type of Work:** Maintenance Dredging
- **Depth:** 45' and 40'
- **Quantity:** 1,100,000 CY
- **Material Type:** Silt/Sand
- **Placement Plan:** San Jacinto PA
- **Avg. Distance to PA:** 0.75 M
- **Equipment Type:** Pipeline
- **Small Business Set Aside:** NA
- **Award:** 3rd Q FY12

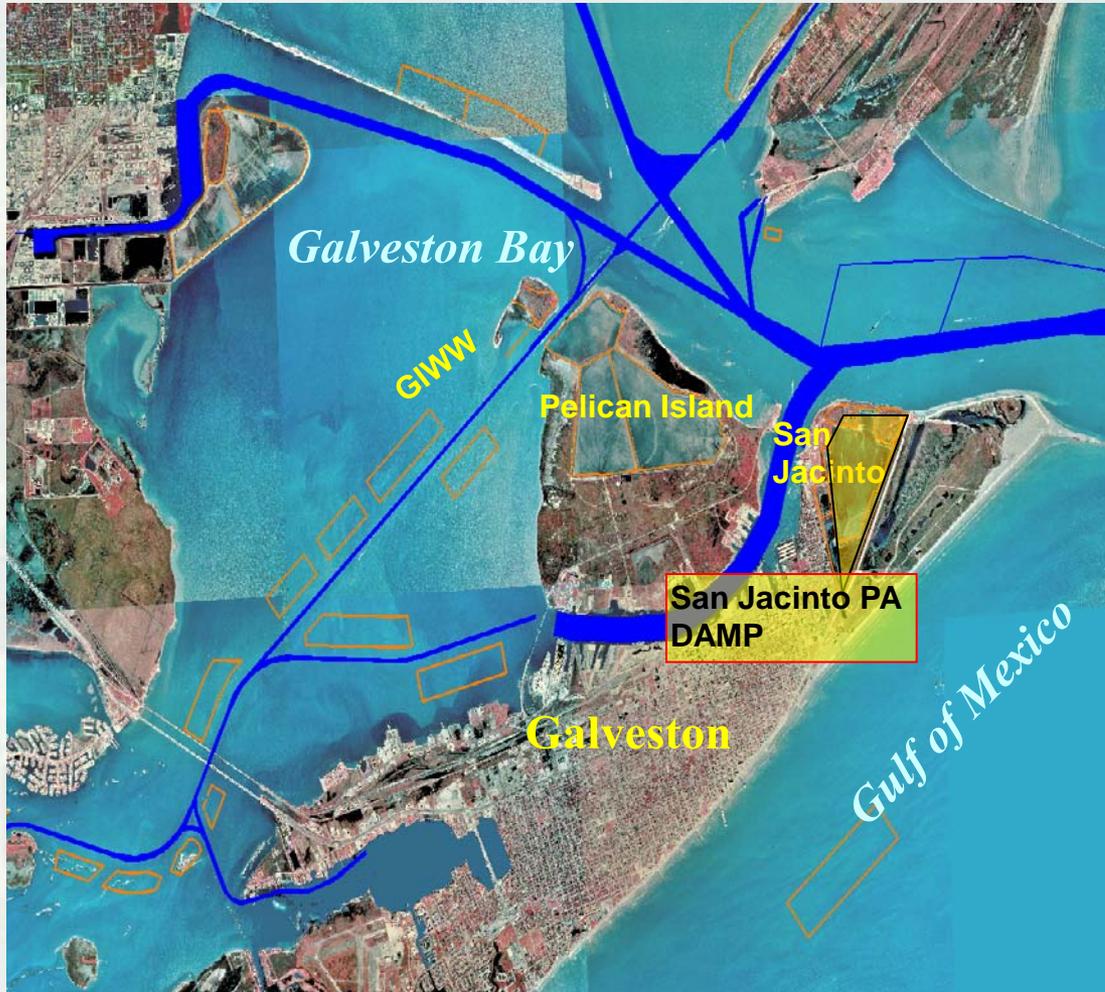
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Galveston Ship Channel

Disposal Area Management Practices San Jacinto PA



- **Type of Work:** DAMP
- **Depth:** NA
- **Quantity:** NA
- **Material Type:** Silt/Clay
- **Placement Plan:** NA
- **Avg. Distance to PA:** NA
- **Equipment Type:** Marsh Buggy
- **Small Business Set Aside:** Applicable
- **Award:** 4th Q FY12



FY 2013

Planned Requirements

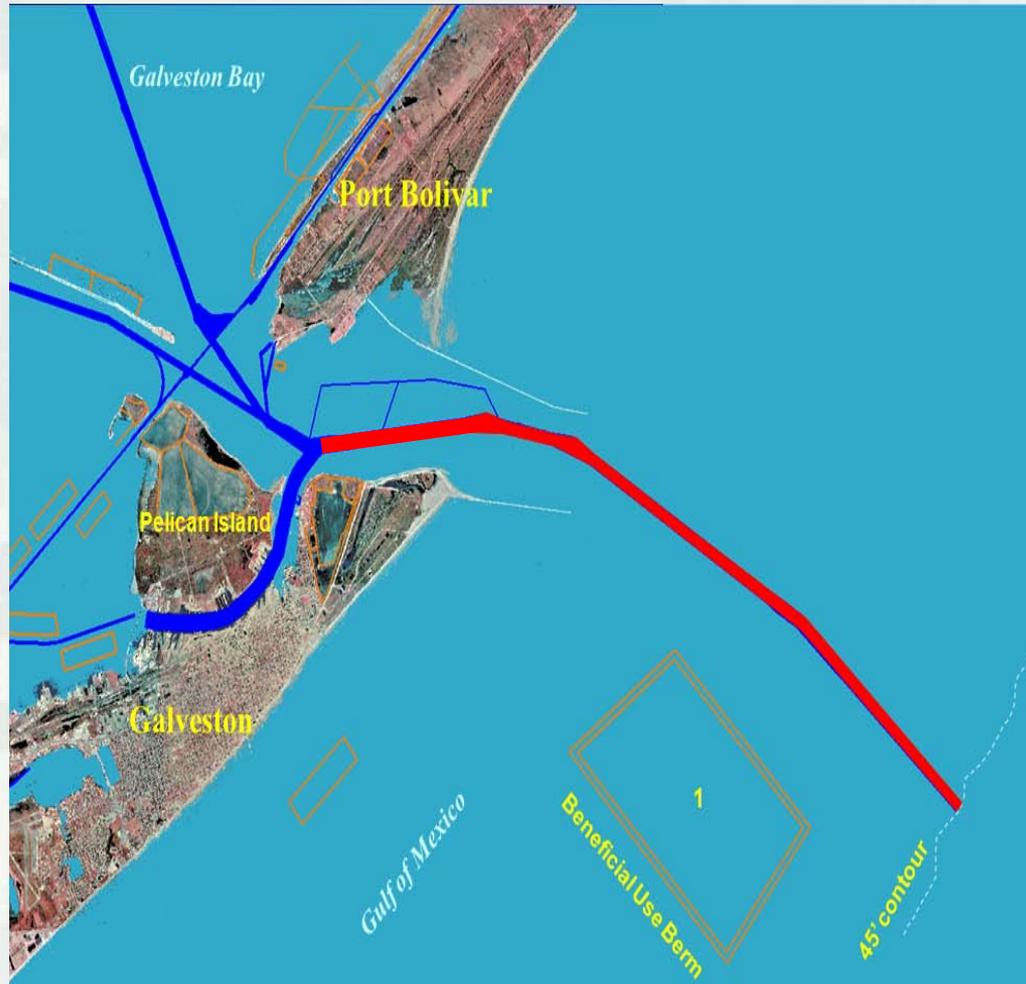
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Galveston Ship Channel

Galveston Entrance, Outer and Inner Bar



- **Type of Work:** Maintenance Dredging
- **Depth:** 47'
- **Quantity:** 3,000,000 CY
- **Material Type:** Silts/Sands
- **Placement Plan:** Offshore PA1
- **Avg. Distance to PA:** 4 miles
- **Equipment Type:** Hopper Dredge
- **Small Business Set Aside:** NA
- **Award:** 3rd Q FY13

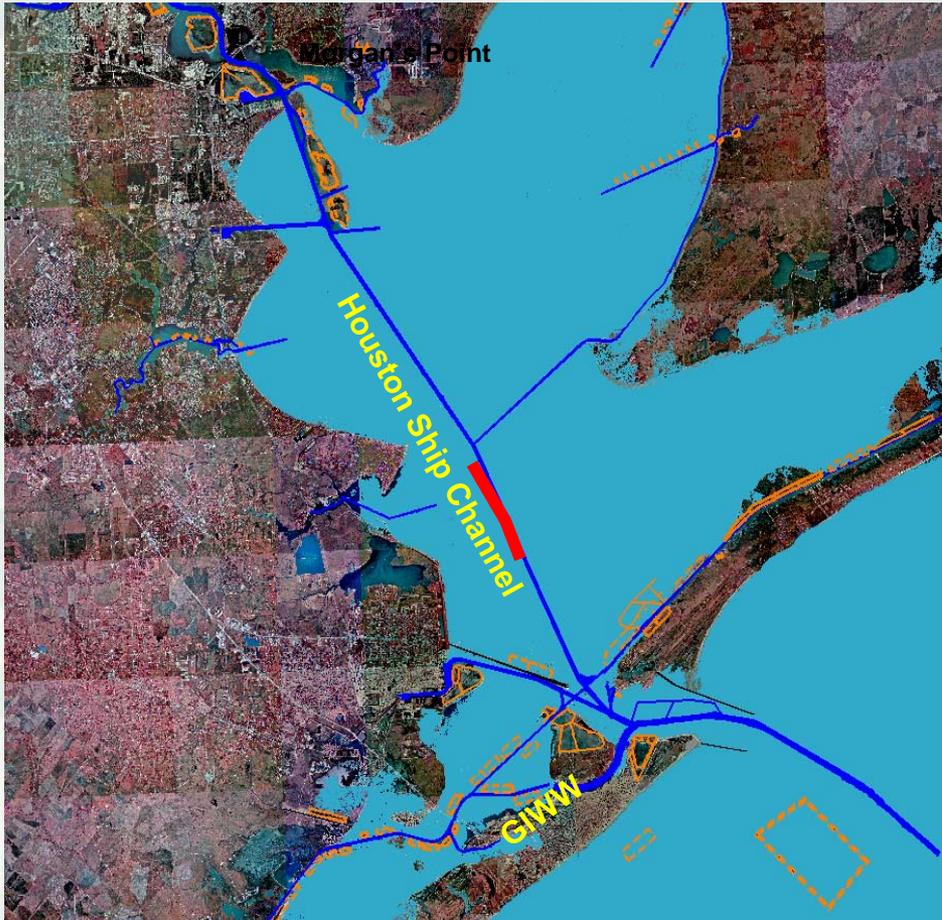
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Houston Ship Channel

South of Redfish High Shoal Reach

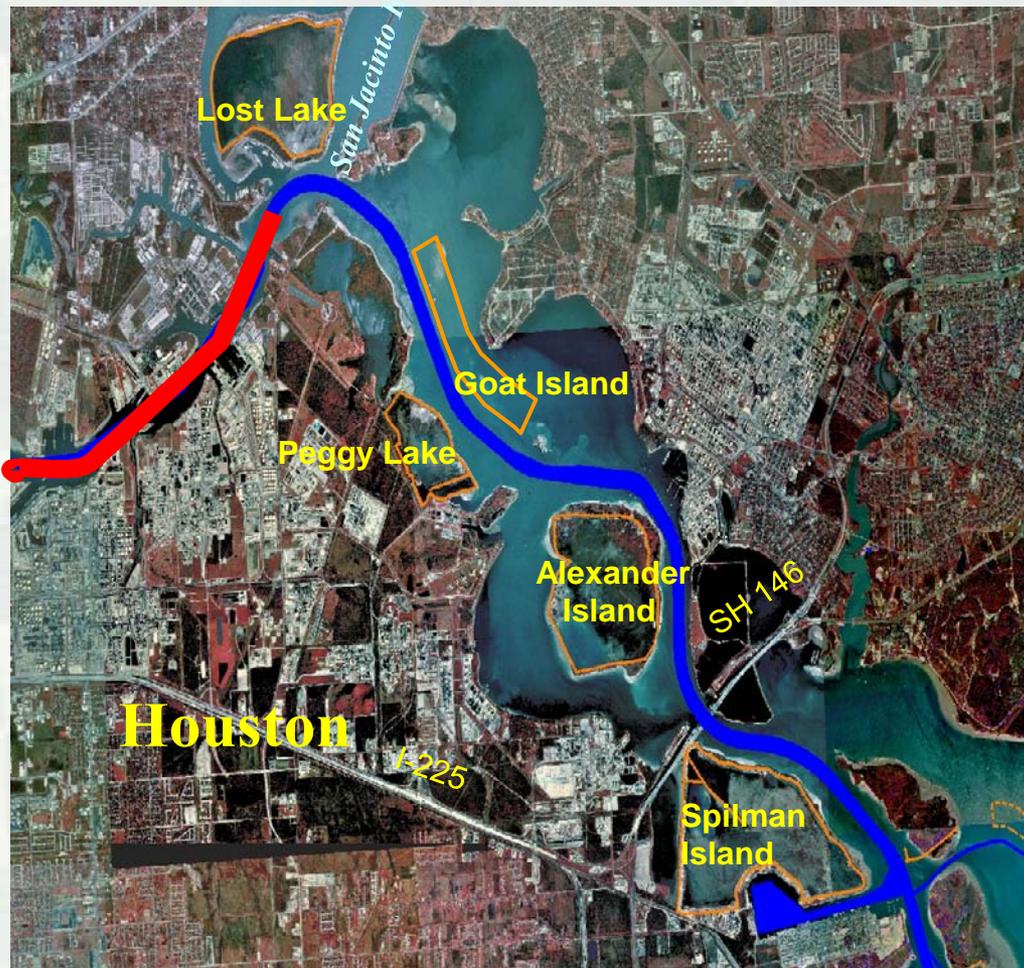


- **Type of Work:** Maintenance Dredging
- **Depth:** 45'
- **Quantity:** 1,600,000 CY
- **Material Type:** Silt
- **Placement Plan:** Lost Lake & Peggy
- **Avg. Distance to PA:** 1.5
- **Equipment Type:** Pipeline
- **Small Business Set Aside:** NA
- **Award:** 2nd Q FY13



Houston Ship Channel

Carpenters Bayou to Greens Bayou



- **Type of Work:** Maintenance Dredging
- **Depth:** 45'
- **Quantity:** 1,600,000 CY
- **Material Type:** Silt
- **Placement Plan:** Lost Lake & Peggy
- **Avg. Distance to PA:** 1.5
- **Equipment Type:** Pipeline
- **Small Business Set Aside:** NA
- **Award:** 2nd Q FY13

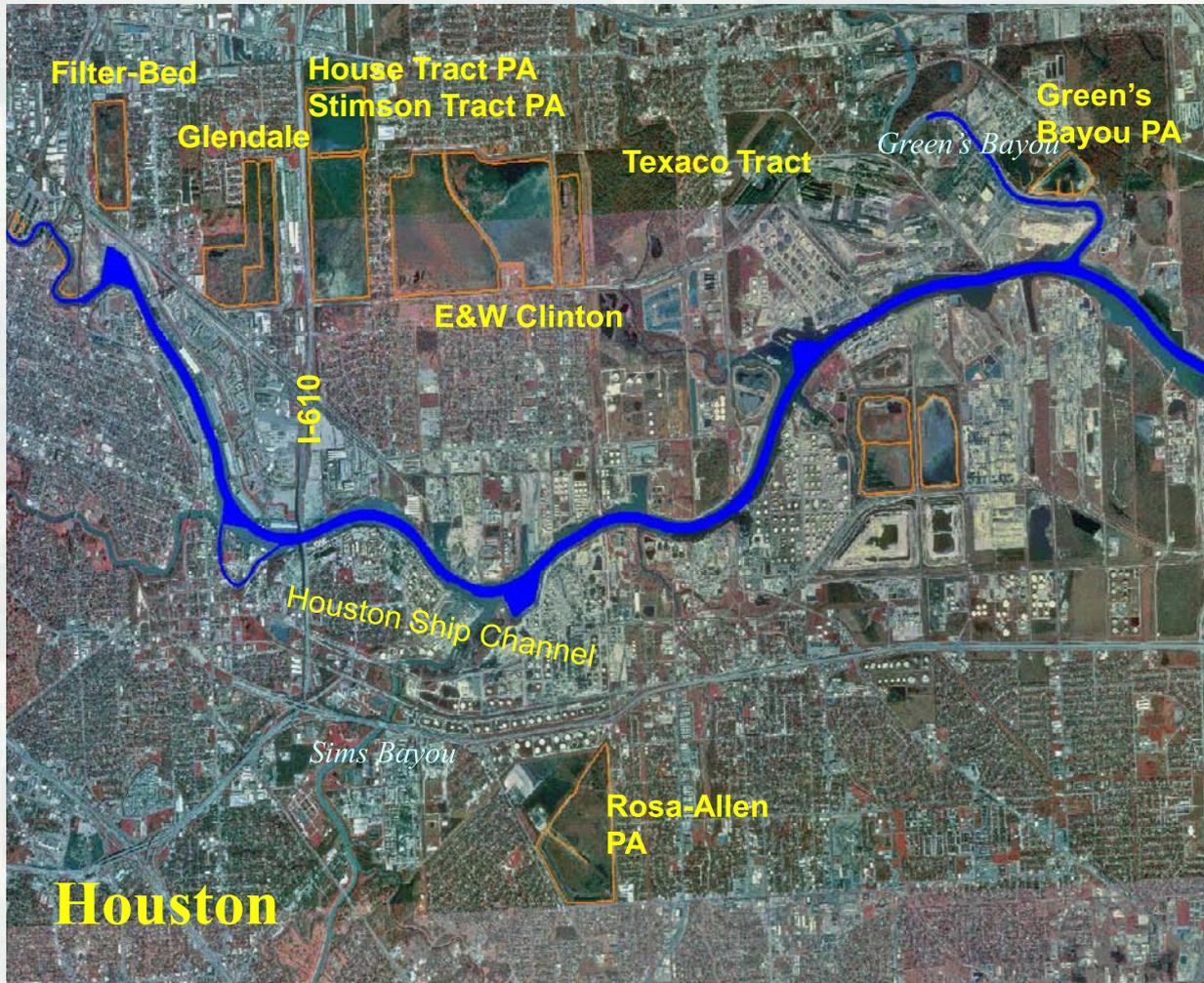


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Houston Ship Channel

Rehabilitate Levees and DAMP



- Type of Work:** Incremental Levee Raising and Disposal Area Management Practices

- Quantity:** NA

- Material Type:** Silt/Clay

- Equipment Type:** Excavators

- Small Business Set Aside:** MATOC

- Award:** 2nd Q FY13

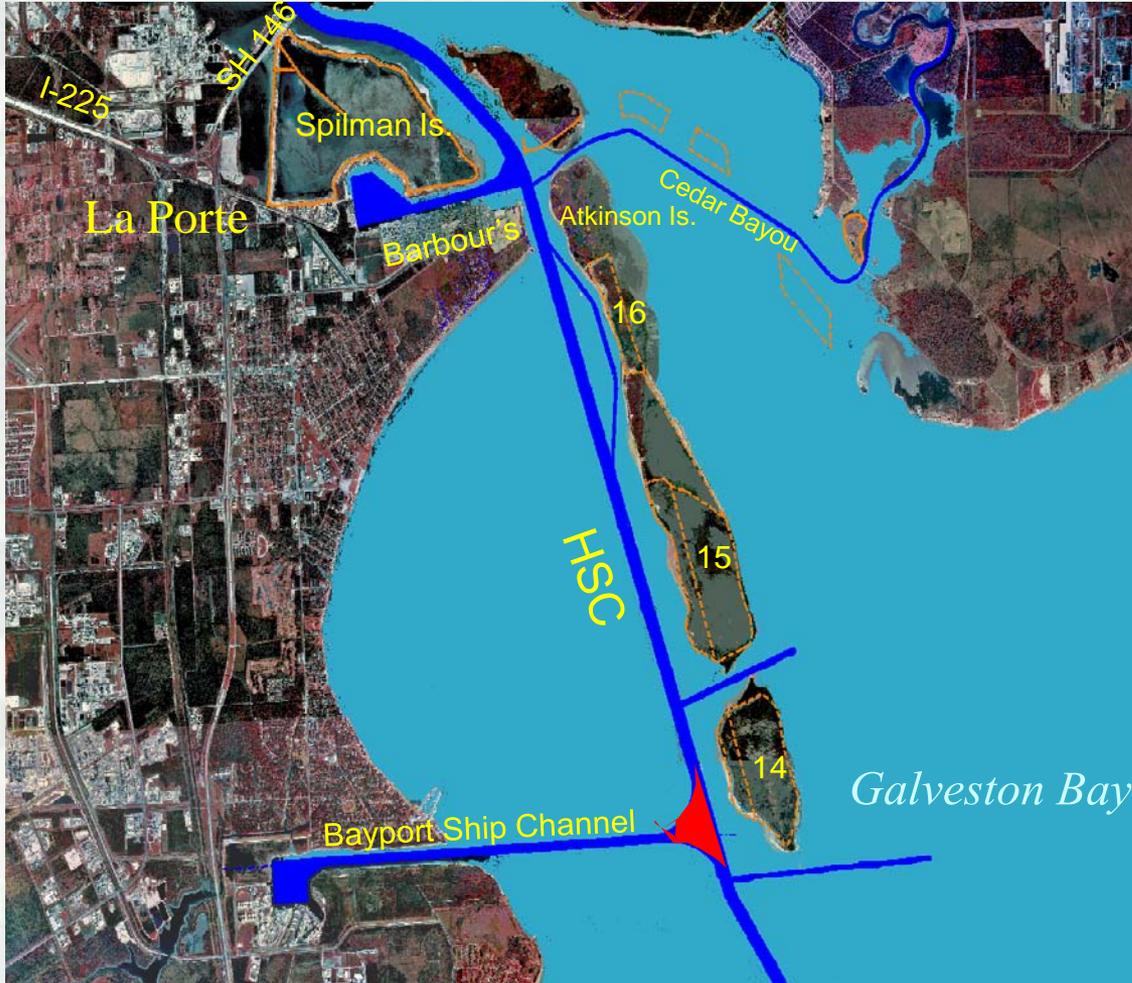


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Bayport Ship Channel

Bayport Flare



- **Type of Work:** Maintenance
- **Depth:** 40'
- **Quantity:** 300,000 – 600,000 CY
- **Material Type:** Silt
- **Placement Plan:** PA14
- **Avg. Distance to PA:** 1 miles
- **Equipment Type:** Pipeline
- **Small Business Set Aside:** NA
- **Award:** 3rd Q FY13



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Beneficial Use Sites

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Houston Ship Channel Upper Galveston Bay



Marsh Creation

Aerial of Atkinson
Island cells with
containment levees



Marsh growth



Houston Ship Channel Lower Galveston Bay



Marsh Creation

Channels and ponds
established within marsh on
Bolivar Island



Houston Ship Channel Lower Galveston Bay

Bird Island
Creation

6-acre Evia Island



3,000 birds present in
summer of 2001



Galveston Harbor and Ship Channel Beach Renourishment



Pipeline or Hopper
Pump out onto
Galveston Island



Built up Beach in
front of Galveston
Seawall



Questions Comments?



For more information, contact:

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