Map #1 - Blessing

H645-Good ramp easy access, plenty of parking. Water depth to 6'.

Map #2 - La Ward

H660-Very narrow lane leading to the ramp with a long back down with little room for error. Only parking is out on county road.

Map #3 - Lolita

H656-Closed at this time, ramp will need to be rebuilt. H657-Good ramp, good access 4' water at ramp.

Map #4 - Matagorda

H450-Mulitple ramps at this site all good.

H650-Good ramp

Map #6 - Palacios

All ramps on this page good quality with plenty of parking.

Map #7 - Turtle Bay

H653-Good ramp, very shallow however 2'. H640-Good ramp plenty of parking (private)

Map #8 - Olivia

H638-Good ramp, plenty of parking. Very shallow approach on low tide < 2' at times.

H654-Good ramp, shallow approach 2'.

H637-Good ramp plenty of parking. Difficult to navigate without prior knowledge due to oyster reefs.

Map #9 - Point Comfort

H636-Good ramp plenty of parking. 3' approach. Marked channel leads to river. Numerous reefs in the area.

H635-Good ramp plenty of parking. Shallow approach particularly during winter months making the ramp non-usable.

Map #10 - Kamey

H651-Good ramp plenty of parking. Shallow 2.5'. Note the mouth to Garcitas creek is now shoaled completely.

Map #16 - Keller Bay

H454-Private ramp at this site. Locked with restricted access.GLO has acceses via combination lock.

Good ramp plenty of parking 2.5'.

Map #17 - Port Lavaca East

H632-Good ramp plenty of parking. Ramp shoals in often Calhoun County dredges it often.

H658-Good ramp with limited parking. Private generally to members or government only.

Shallow approach <2'.

Map #18 - Port Lavaca West

H633-Good ramp adequate parking. Approach is shallow 2' at mouth of channel. Numerous obstructions in the bay itself.

Map #23 - Port O'connor

All ramps good

TPW ramp is for government use only. Port Lavaca staff has combination.

Map #25 - Seadrift

All ramps including **new one** built at the end of Bay Street have shallow approaches.

H669- at swan point is good for launching large vessels; retrieval is difficult due to shallow gentle slope.

Approach is channel only. Numerous reefs in the immediate area.

Map #26 - Austwell

H691-Good ramp privately owned. GLO has permission to utilize. Very shallow approach with a pipe marking the channel. Keep pipe on port when outbound stay on course until third pipe is reached then bay deepens to 4'.

H697-Private ramp-no data

H698-Good ramp owned by Union carbide. GLO has permission to use, as does the general public.

Guadalulpe Bay can be accessed via Guadalupe River from Hwy 35. 18', Airboat or smaller vessels only. South Gaudalupe river is best for navigation.

Map #28 - Long Island

H698-Good ramp plenty of parking. Privately owned, GLO has permission to use. Shoaling prominent in area when outbound to bay look for pipe keep on starboard.

Map #29 - Mosquito Point.

Ramp privately owned. GLO has locks on gate for access. Canal just dredged out to 6' by USCOE. Limited parking.

Welder Flats Coastal Preserve has detailed ACP plan in this Atlas. John Clibourne ranch fish house channel is being dredged by the TPWD as of 7-18-99. No ramp but good roadside drop-off.

Map #33 - Mesquite Bay

USFW boat ramp for use by Govt. only. However during spills with strict supervision responders may use. The ramp is very difficult to locate without prior knowledge. Channel leading out to ICWW is very shallow 2.5' deep, with a marked channel. After hours access may be gained by GLO staff.

There is a marked channel form the ICWW to the Matagorda National Wildlife Refuge and cut off to Cedar Bayou. The channel begins between Bludworth Island and Ayres Island along the ICWW.

Boat ramp H692 is shoaled up to starboard on outbound passage.18' or smaller vessels only.

Map #34 - Saint Charles Bay SE

There is an unmarked boat ramp at the Hyw 35 and Cavasso Creek Bridge capable of supporting 18' or smaller boats.

H504 boat ramp is very shallow 18', Airboat or smaller boats only. Use the ramp H503 at Goose Island instead.

Map #37 - Lamar

Seagun Marine N/E side of LBJ Causeway has a good boat ramp that is not identified in the Atlas.

Map #38 - Mission Bay

Mission River is navigatible by 18' and Airboat. Entrance to Mission River is marked by large numbers of tree debris. Many false channels are this deltaic region.

Hyw 136 bridge will not allow passage of Airboat due to low clearance.

Map #39 - Saint Charles Bay SW

When launching at Goose Island and going to the ICWW beware of spoil and shoaling along western side of ICWW. There is a marked passage into ICWW across from the south end of Dunham Island.

Map #40 - Rockport

Boat ramp H 511 is closed.

Map #41 - Bayside

Boat ramp H514 is unusable due to heaving shoaling at entrance to breakwater.

Private boat ramp at the old bait stand at south west side of causeway is in good condition for small craft, 18' airboat or smaller and we have permission to use.

Vista Resources has a good ramp entering Copano Bay on Egery Island.

Map #43 - Estes

Boat launch H510 is closed; there is a new ramp at the northern side of Cove Harbor (Second Entrance) that is not listed in Atlas.

Passes Turtle Bayou, Trout Bayou and Big Cut are all boomable in spill situations. Big Bayou and Corpus Christi Bayou have high current flow and may dictate deflection booming only.

Palm harbor subdivision and marina have a good boat ramp that will support all boats to 24'.

Bridge at HYW 316 at Morris and Cummings Cut is too low for the Airboat but all others are capable of passage.

Lighthouse Channel on Harbor Island is boomable with enough dry land to support fast tank and be a collection spot/equipment stage area.

Corpus Christi Bayou is navigatable for all boats to 24' and will shave time for passage from Aransas channel to Aransas bay.

Map #44 - Aransas Pass

Ramp H506 is usable for boats of 18' or smaller.

Map #45 - Gregory

The western entrance to La Quinta Channel has heavy shoaling off the southwest tip of la Quinta Island; stay shoreward of island.

Gum Hollow is fenced across entrance USCG has been notified.

Map #47 - Odem

Nueces River is accessible only by boats 18' or smaller. The RR Bridge downstream for Hwy 77 is too low for Airboat to pass.

There is a good ramp at Nueces River Park at Hwy 77, which will access the river.

Map #48 - Port Aransas

Boat ramp H534 is in the wrong place, it should be on the far western end of harbor.

Ramps H535 and H537 do NOT exist.

Ramp H512 is the wrong place it should be along the southern side of the Aransas Channel.

University of Texas at Port Aransas has a good ramp that could be utilized to access from the Gulf side of channel.

USCG station Port Aransas has good ramp in Port Aransas marina and good area for command operations.

Map # 49 - Port Ingleside

Naval station Ingleside has good boat ramp usable during emergency operations.

Ramp H523 is good for all boats to 24'. Once in the water navigate directly to lighted channel marked almost due East of ramp or slightly south skirting north of small Island along La Quinta Channel.

Koch Ingleside has pre-positioned 2000' of 18" boom.

Map #50 - Portland

Boat ramps H530 and H526 can be extremely muddy, if possible use the Causeway bait stand ramp on the south side of the causeway.

Map #51 - Corpus Christi

There is a boat ramp not listed in the atlas entering directly into the ship channel located next to Oil Dock #1 on the North Side of channel down form USCG station.

Map # 52 - Annaville

Tule Lake is a highly sensitive area with no access by boats. ! 4' boats have been carried into Lake in the past.

Map #54 - Crane Island NW

Boat ramp H525, Wilson's Cut, is a mud and silt ramp normally in good condition and capable of accepting all our boats. Do not use during periods of heavy rain.

Bristol Petroleum at the end of Wilson's Cut has prepositions box with 1000 ft of 18' boom.

Map #55 Oso Creek – NE/ Map #56 Oso Creek NW

Boat ramp H526 is very shallow 18' or smaller boats only. Ramps H704, H703 and H700 are shallow and have lots of seagrass during summer months.

Map # 58 - Pita Island

Boat ramp H723 may be closed during summer months due to heavy grass accumulations.

Map # 84 - Port Mansfield

- Public boat ramps at Port Mansfield Marina and Port Mansfield Small Boat Basin.
- At Port Mansfield junction light, the seas tend to build in SE and NE winds. (This is the area where Miller Environmental lost a jon-boat)
- North of Harbor there are unlit piers along the west bank.
- Heavy recreational boat area. Gasoline and oil barges transit ICWW enroute to Port of Harlingen and Port of Brownsville.
- ICWW intersection is approximately 1 mile due east of Harbor.

Map # 91 - Port Isabel NW

North of Port Isabel

- The only way to access beach front is by ATV and 4WD.
- During extreme high tides, the "narrows" (dune line close to water) area will be restricted to access by vehicles, recommended ATV's only.
- Manual removal of oil in the event of a spill.

Map # 86 - Green Island

- Area around Green Island should be restricted to navigation due to environmental sensitivity.
- Recommend protection booming or passive clean up in the event of a spill.
- Airboat and jon-boat recommended.

Map#87 - Hawk Island

- Back country can only be accessed by airboat, jon-boats can be used closer to ICWW.
- Very sensitive area, numerous bird rookeries, fish and shellfish breeding grounds.
- "Josephine's Cut" is a fresh water floodway (outfall) for the upper valley.
- Run a series of deflection boom off the west bank to keep oil from impacting "Josephine's Cut".
- Black mangroves along bay margins.

Map #88 - North of Port Isabel SW

- 4WD access only.
- Recommend manual removal in the event of a spill.

Map #89 - Three Islands

- At Cayo #1 and #2, recommend 18' containment boom across entrances to refuge.
- Mooring buoys are located at Arroyo Colorado entrance.
- Back country is accessible only by airboat.
- Protection boom recommended on Islands due to environmental sensitivity.
- Cullen house could be used for access to back country and Three Islands in the event of a spill.
- Black mangroves along Bay margins.

Map #90 - La Leona

- New boat ramp at Maggy's on the Arroyo.
- Adolphe Thomae Park and Maggy's are excellent staging areas.
- There are numerous boat ramps available in the Arroyo City area.
- The Arroyo always Ebbs.
- Water intakes at Old Arroyo City docks.
- Crude oil and gasoline/diesel barges transit Arroyo enroute to Port of Harlingen.

Map # 83 - South Of Potrero Lopeno SE

- Gaining beach access made extremely difficult during high-tide, 4WD at ATV's only.
- Turtle breeding grounds located at the beginning of north jetties is high priority, snare boom is recommended to protect site.
- ATV access by boat only on North and South coves.
- Tidal flow is strong close to jetty area.

Map #92 - La Coma

- Water intakes located at Moranco Blanco, Holly Beach and Resaca de los Cuates.
- Stover's Point is high priority with numerous bird rookeries and black mangroves.
- Numerous spoil bars on west side of ICWW due to dredging operations.
- This area is high priority as Laguna Atascosa Refuge makes up part of quad.
- Refuge trailer located at Laguna Atascosa headquarters.
- U.S. Fish & Wildlife personnel will assist with booming operations in the event of a spill.
- Airboats and jon-boats recommended.
- Protection booming recommended in the event of a spill.

Map #95 - Mouth of Rio Grande

- There is a dirt boat ramp located at "Tarpon Road" on Lower Rio Grande, recommend for 18' and airboat.
- Numerous gill nets and submerged objects along Rio Grande River, navigational hazard.
- Rio Grande River water depth ranges from 1' to 12'.
- Manual removal recommended on Beach in the event of a spill.
- Tidal flow severe at the mouth of the river.

Port Isabel NW -2697-113

- Vehicle access to beach at Edwin Atwood Park (Access #5) and Access #6. Both are maintained by county.
- Access #2 is shut down.
- Edwin Atwood Park and Andy Bowie Park are excellent staging areas.
- 4wd only.

Map #93 - Port Isabel

- Tidal flow and seas are heavy in between north and south jetty at Brazos Santiago Cut.
- Deflection boom recommended on east and west banks of South Bay Coastal Preserve entrance.
- F/V, freighter and recreational traffic is heavy at "Y" or entrance to Port Isabel Channel.
- South Bay response trailer is located at USCG South Padre Island.
- HWY 100 bridge that links Port Isabel Shrimp Basin and Small Boat Basin is 5' high.
- Port Isabel Pt. and swing bridge area have strong tidal flow during tide changes.
- Boat ramps at South Point Marina, Anchor Marina, Kingfish Seafood, and Sea Ranch Fishing Pier in excellent conditions.
- Black mangroves located on east side of causeway and along margins of South Bay.
- "Vadia Ancha" accessed only by airboat.
- Restrict airboat operations in Port Isabel channel area.
- Excellent staging area at Isla Blanca Park.
- Must obtain approval from South Padre Island Police Department to access Hotel Beach area.

Map #96 - Palmito Hill

- Excellent staging area at the end of RL Ostos Rd in the Port of Brownsville.
- F/V traffic is heavy near Shrimp Basin.
- Barges, freighters and F/V's transit Ship Channel.

Map #94 - Laguna Vista

- Excellent boat ramps and staging area at HWY 48 public ramp.
- Tidal flow is severe during flood tide at HWY 48 boat ramp.
- Private boat ramps at Laguna Vista Yacht Club, excellent staging area. Gain access through Laguna Vista PD.

Map # 97 - East Brownsville

- Boat ramp located Brownsville Turning Basin. Gain access through Port of Brownsville Harbor Master.
- 3E4 dirt boat ramp (25°53.17N & 97°28.04W) along Rio Grande River.
- 3 water intakes and a dam located along Rio Grande. (25°52.40N & 97°27.18W)
- Sable Palms Sanctuary located along river is abundant in fauna and flora with numerous species. Protection booming recommended in the event of a spill.

MATAGORDA

Gulf of Mexico, East Matagorda Bay, Colorado River and GIWW.

CHART(S): Nautical Chart (11319)

Upper Coast Atlas Page 60/Lower Coast Page 4

STAGING AREAS: Matagorda Harbor (4)

28-41-38 N 095-57-19 W

ACCESS ROADS: Hwy 35 south to Bay City, turn left

on Hwy60, proceed to Matagorda

Harbor, turn left.

DESCRIPTION:

Gulf of Mexico

Beach washout may form in this area, booming may be required.

Beach access: 4X4 vehicles needed on Matagorda Peninsula.

East Matagorda Bay

This Bay complex is extremely sensitive, it contains numerous marsh & wetlands, plus sheltered tidal flats. Every effort should be made to prevent any product form entering this area.

GIWW

Boom cut to East Matagorda Bay at Mile 435.5 (200' wide).

Note: Swift water flow may require cascading diversion boom be placed to prevent entry into Bay.

Boom entrance to Little Boggy Bayou (75' wide).

Boom entrance to canal (housing area) at Mile 438.4 (60' wide).

Boom entrance to Matagorda Harbor (90' wide).

Note: Small Response Trailer (Texas General Land Office) is staged at Matagorda Harbor, trailer contains 1000' of containment boom, assorted sorbents and boom anchoring equipment. Contact Harbormaster for access to trailer.

NOTIFY:

Texas Parks & Wildlife Dept. (281) 461-4071 Houston US Fish & Wildlife Service (281) 286-8282 Houston Colorado River Locks (409) 863-7842

CAUTION:

Tide condition need to be monitored to prevent equipment loss, being stranded due to high tide conditions. Very

MATAGORDA SW

Gulf of Mexico and Colorado River
CHART(S): Nautical Chart (11319)

Upper Coast Atlas Page 62/Lower Coast Page 12

STAGING AREAS: End of FM 2031 (beach access)

(See Matagorda for additional sites)

ACCESS ROADS: Hwy 35 south to Bay City, turn left

on Hwy60, proceed to Matagorda, turn left on FM 2031, road ends on the

beach.

DESCRIPTION:

Gulf of Mexico

Beach washout may form in this area, booming may be required.

Beach access: 4X4 vehicles needed on Matagorda Peninsula. Note: Beach access may be slowed or limited due to debris present and high tide conditions.

CAUTION:

Tide condition need to be monitored to prevent equipment loss, being stranded due to high tide conditions. Very shallow water near the shoreline, shallow draft boats, or airboat may be required to respond.

NATURAL COLLECTION AREA:

A large amount of debris is almost always present on Matagorda Peninsula.