

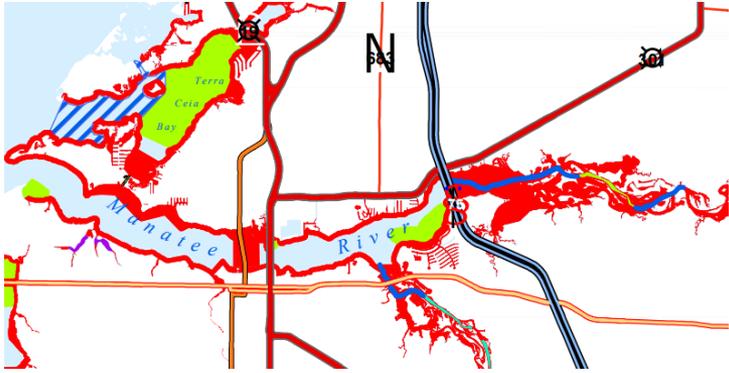


Navigating the Manatee River

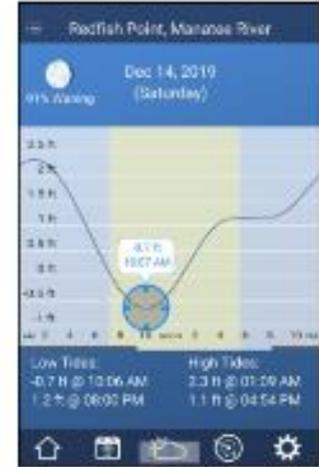
Dave Rogers

- **Markers**
- **Shallow Areas**
- **Tides**
- **Speed limits**
- **Group discussion, Q & A**
- **(Maps will be available for attendees)**

Navigating the Manatee River



- Speed Limits
- Tides
- Markers
- Shallow Spots





Navigating the Manatee River

Speed Limits

Key

-  Slow Speed Minimum Wake Zone
-  Idle Speed/No Wake Zone
-  Public Swim Area- No Vessels Allowed
-  Historic Recreational Areas
-  Warners Bayou Special Regulated Water Sports Area
-  Internal Combustion Engine Exclusion Zone
-  Manbirtee Key Security Zone- No Entry Without Permit
-  Regulated Corridor -25 MPH
-  Regulated Area - 25 MPH
-  Intracoastal Waterway Channel Centerline
-  Regulated Channel - 25 MPH

Slow Speed Minimum Wake

Defined as the speed at which a vessel is fully off plane, completely settled in the water and not producing a wake that endangers other vessels under the existing circumstances.

Idle Speed No Wake

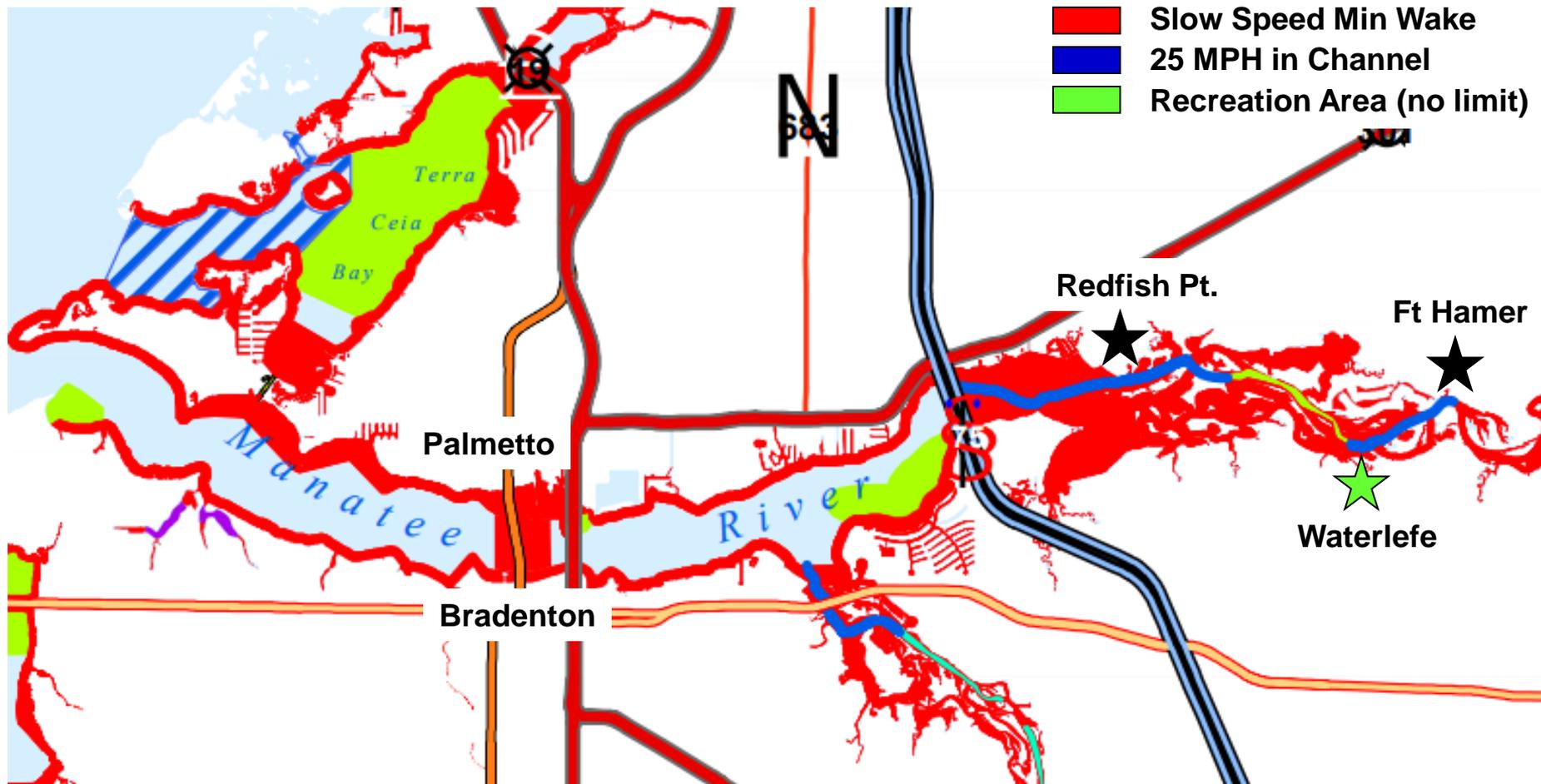
Defined as the slowest speed at which a vessel or personal watercraft may operate while maintaining steering control and forward progress.

Historic Recreational Areas

By designating or marking historical recreational areas, the County does not warrant or guarantee the safety or utility of an area for traditional water sports activities. Each vessel operator is personally responsible for ensuring that the area is free of submerged hazards and has sufficient depth and width for the activity.

Navigating the Manatee River

Speed Limits



[Manatee County Waterway Regulation Map](#)

[Boaters Guide to Manatee County](#)



Navigating the Manatee River

Tides

- **Tidal activity influences water flow (current) and water level**
- **Water level can vary up to 3 feet in our area do to tidal activity**
- **Tides vary each day and follow a lunar (monthly) cycle**
- **Wind + Extreme Tide can further raise or lower water levels**
- **Use Tide Tables when on the water**
- **Tide tables are available Online, Mobile Apps, and on Navigation Devices like Garmin, Raymarine, Lowrance and others**

Navigating the Manatee River

Tides

Waterlefe Boating Community

Waterlefe Marina Club



The Waterlefe Marina Club is a privately-owned equity membership club that offers our member boating enthusiasts a high quality marina facility.

Boat Lift / Canals



Waterlefe provides boating access to community canals and the Manatee River via a boat lift located near the River Club.

Cove Marina



The Cove is a privately owned marina located at 905 Fish Hook Cove with 13 boat slips.

Kayaking / Paddling



Waterlefe is home to a wide variety of boating activities, including kayaking, canoeing, traditional boating, etc.

Boating Community Resource Library

BOATING/MARINE REFERENCE

SAFETY/EMERGENCY

FISHING

CLEAN BOATING

MEETINGS

PHOTO GALLERY

LIBRARY

NOAA WEATHER

TIDE TABLES- RED FISH POINT

WINDFINDER

PHOTO GALLERY

TIDE TABLES- RED FISH POINT

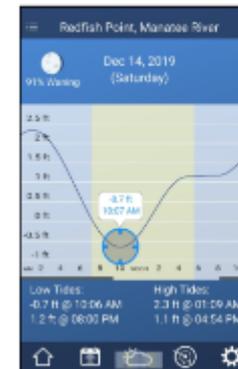
Committees & Clubs

Marina Club - by Dave Rogers

Winter weather brings extreme tides and winds that impact the marina and your boating. December, January and February will experience extreme low and high tides. This is in part from the winter solstice beginning on December 21. The extreme tides usually occur during a new and full moon, plus or minus a day or two, depending on the location. What does this mean to you? On an extreme low tide, you may not be able to lower your boat lift enough to launch your boat. Be careful during this time so as not to unspool the lift cable as you will have to lower your boat more than normal.

During an extreme high tide along with strong winds, high water levels can reach the dock surface and electrical outlets. This is rare, but if this occurs, we will have to temporarily shut off electrical service to the marina until the water recedes with the tide. Never walk on the dock if it is at all submerged and covered with water. During extreme low and high tides, waiting an hour or two will remedy the water level back to normal.

To monitor tide levels, use the link on [the Waterlefe Marina web page](#). There are also many phone apps that provide valuable tide information.





Navigating the Manatee River

Tides





Navigating the Manatee River

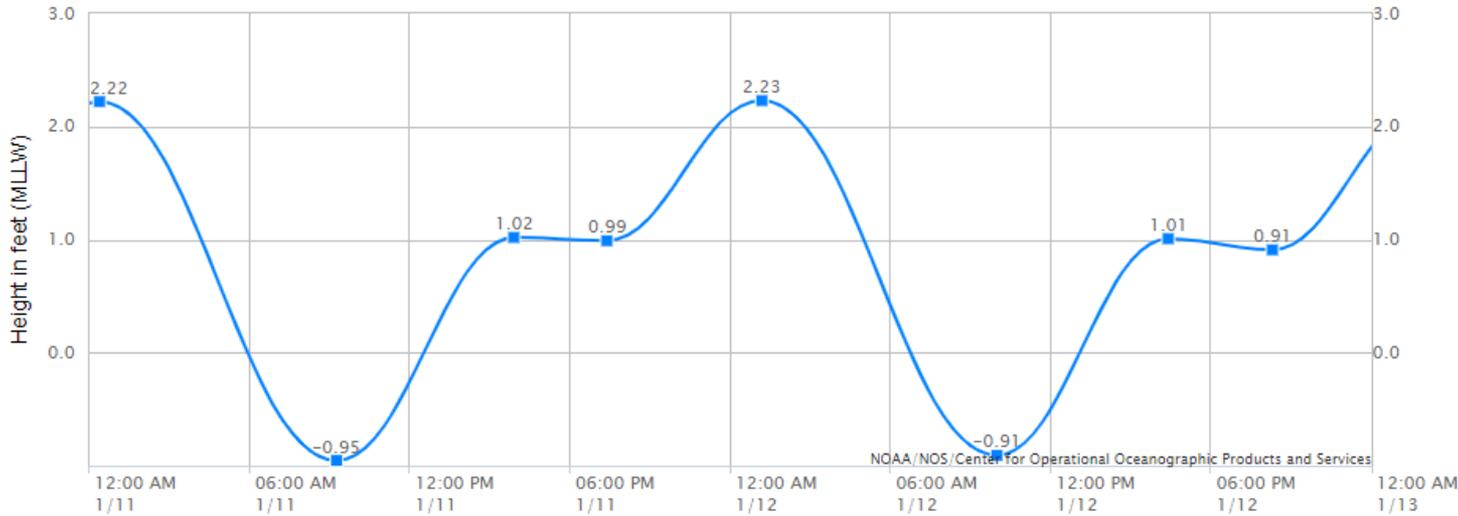
Tides

NOAA/NOS/CO-OPS

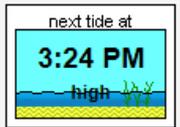
Tide Predictions at 8726278, REDFISH POINT, MANATEE RIVER FL

From 2020/01/11 12:00 AM LST/LDT to 2020/01/12 11:59 PM LST/LDT

Subordinate Station | Ref. Station (St. Petersburg, Tampa Bay 8726520) | Time offsets (high: -30 min. low: 14 min.) | Height offsets (high: *0.92 ft. low: *1 ft.)



Today's Tides (LST/LDT)



8:33 AM	low	-0.92 ft.
3:24 PM	high	1.05 ft.
6:34 PM	low	1.05 ft.

3.17 ft change in water level Today!



Navigating the Manatee River

Tides

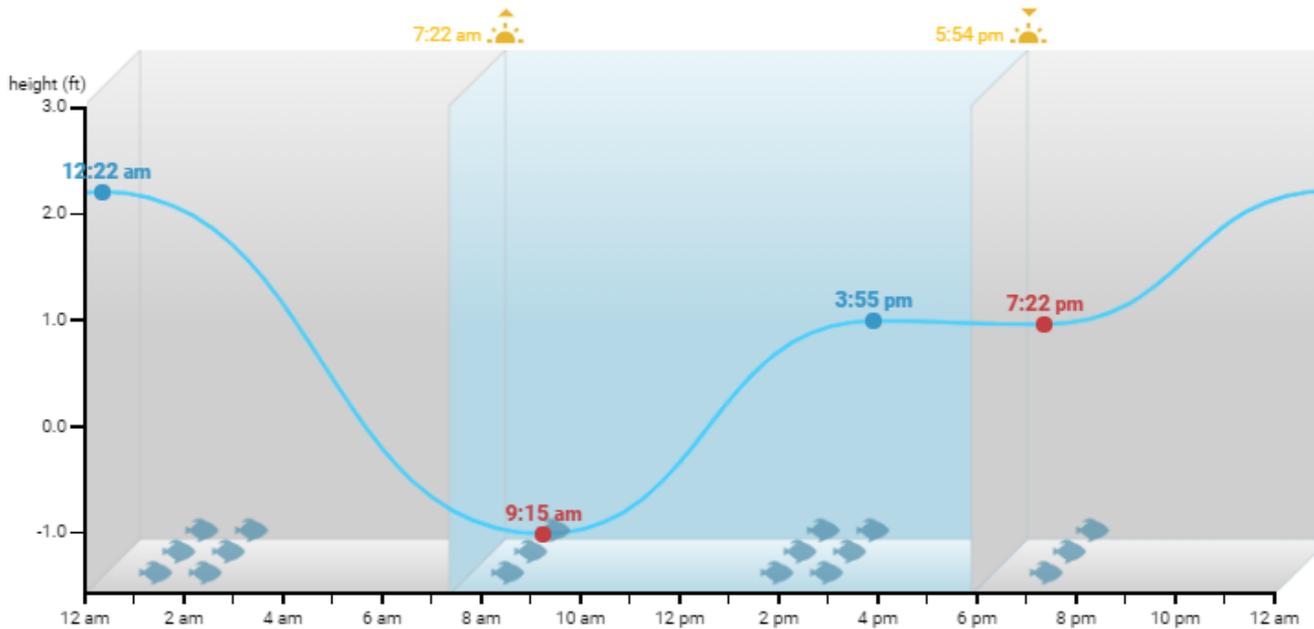


www.tides4fishing.com

North America ▶ United States ▶ Florida (Gulf Coast) ▶ Redfish Point (Manatee River) ▶ Settings

Sun 05 Mon 06 Tue 07 Wed 08 Thu 09 Fri 10 Sat 11 > JAN 2020

UTC -5 Florida (Gulf Coast) (US) time change 57 days (UTC -4)



TIDES

- high tide
- low tide

SUN

- ☀ sunrise
- 🌇 sunset

FISH ACTIVITY

- ➡➡➡ very high activity
- ➡➡ high activity
- ➡ average activity
- low activity



Navigating the Manatee River

Markers

- They are the “Traffic Signals” and Direction Indicators for the Waterway.
- They mark the edges of the channel considered safe water areas.
- The Manatee River is marked with Lateral Day Markers.

Navigating the Manatee River

Markers

- **Red, Even Number, Triangle Markers are on the Right (starboard) side of your vessel when returning to port. “Red Right Return”.**



Navigating the Manatee River

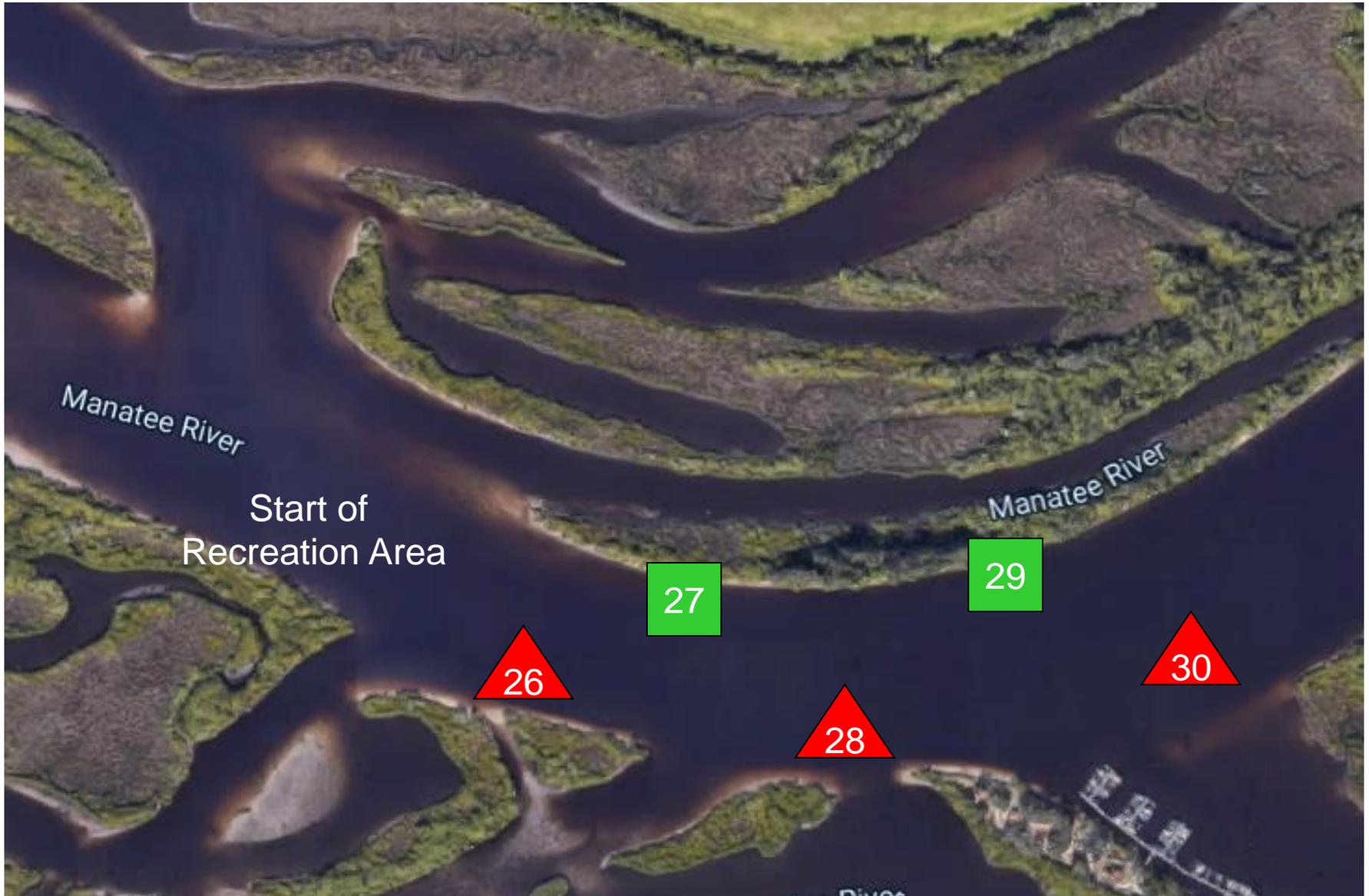
Markers

- **Green, Square Markers are Odd Numbered and are on the Left (Port) side of your vessel with returning to port.**



Navigating the Manatee River

Markers



Navigating the Manatee River

Markers



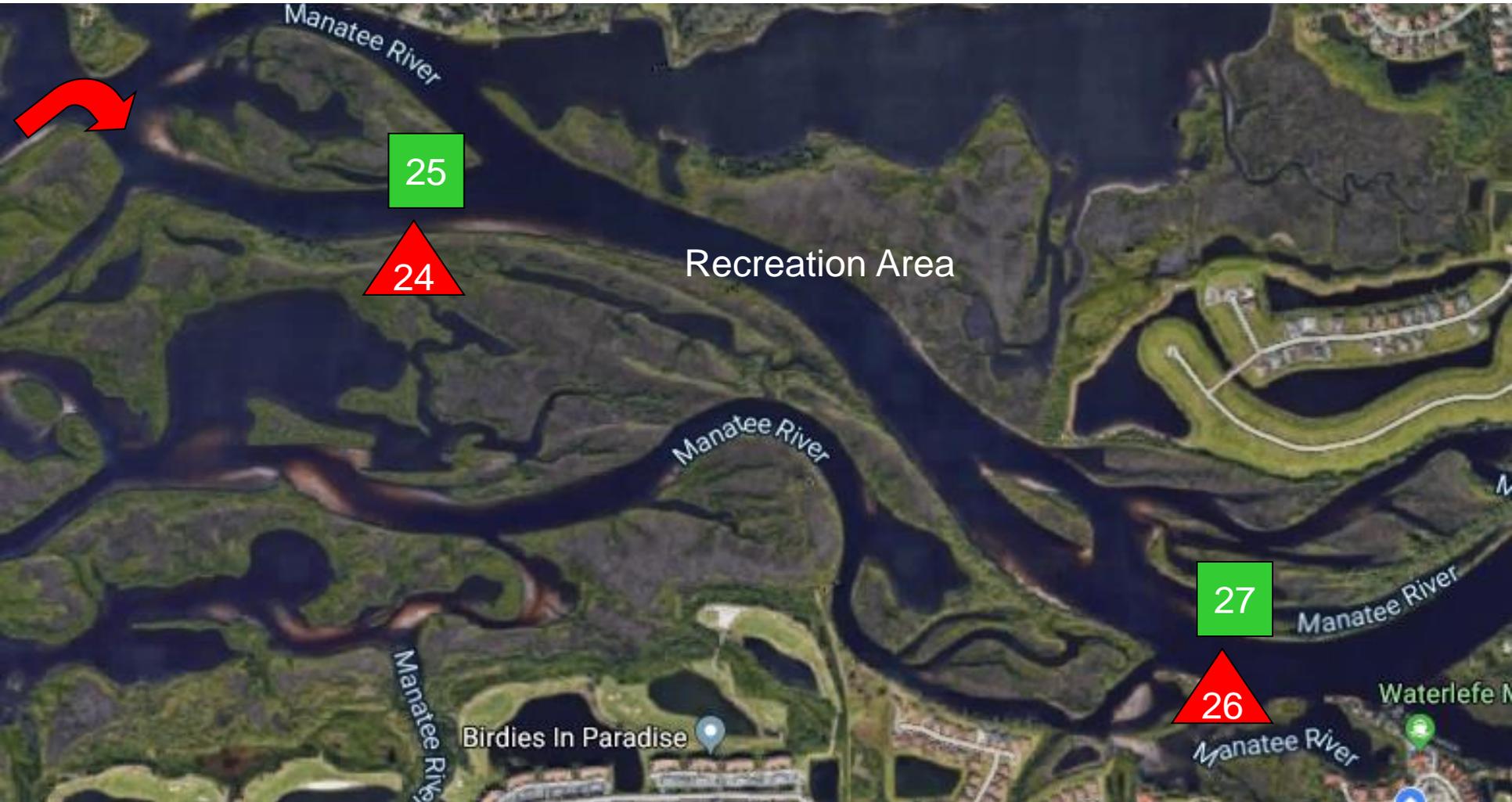
Navigating the Manatee River

Markers



Navigating the Manatee River

Markers





Navigating the Manatee River

Markers

Report Down or Damaged Markers to the US Coast Guard



Navigating the Manatee River

Shallow Spots



Navigating the Manatee River

Shallow Spots



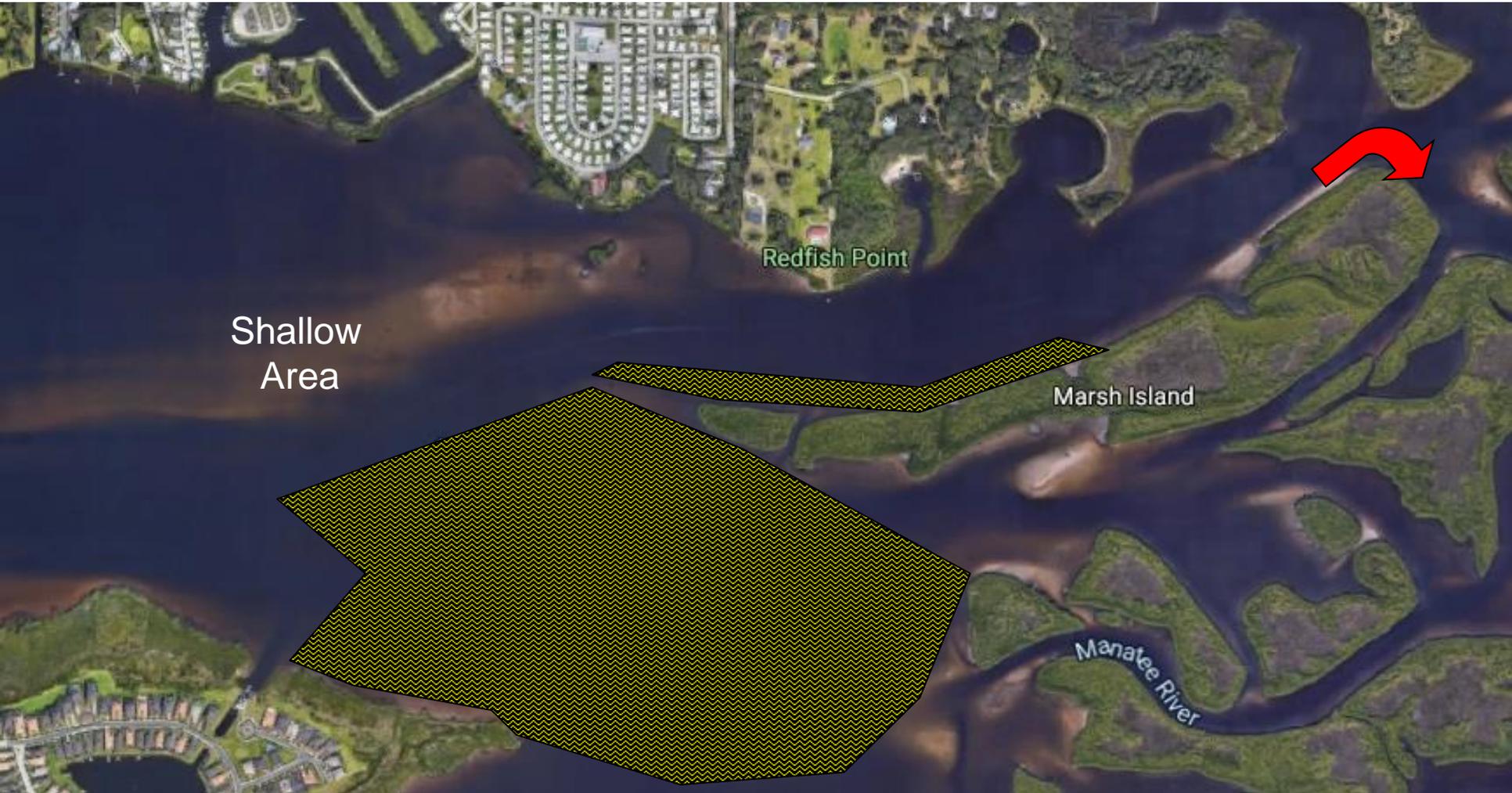
Navigating the Manatee River

Shallow Spots



Navigating the Manatee River

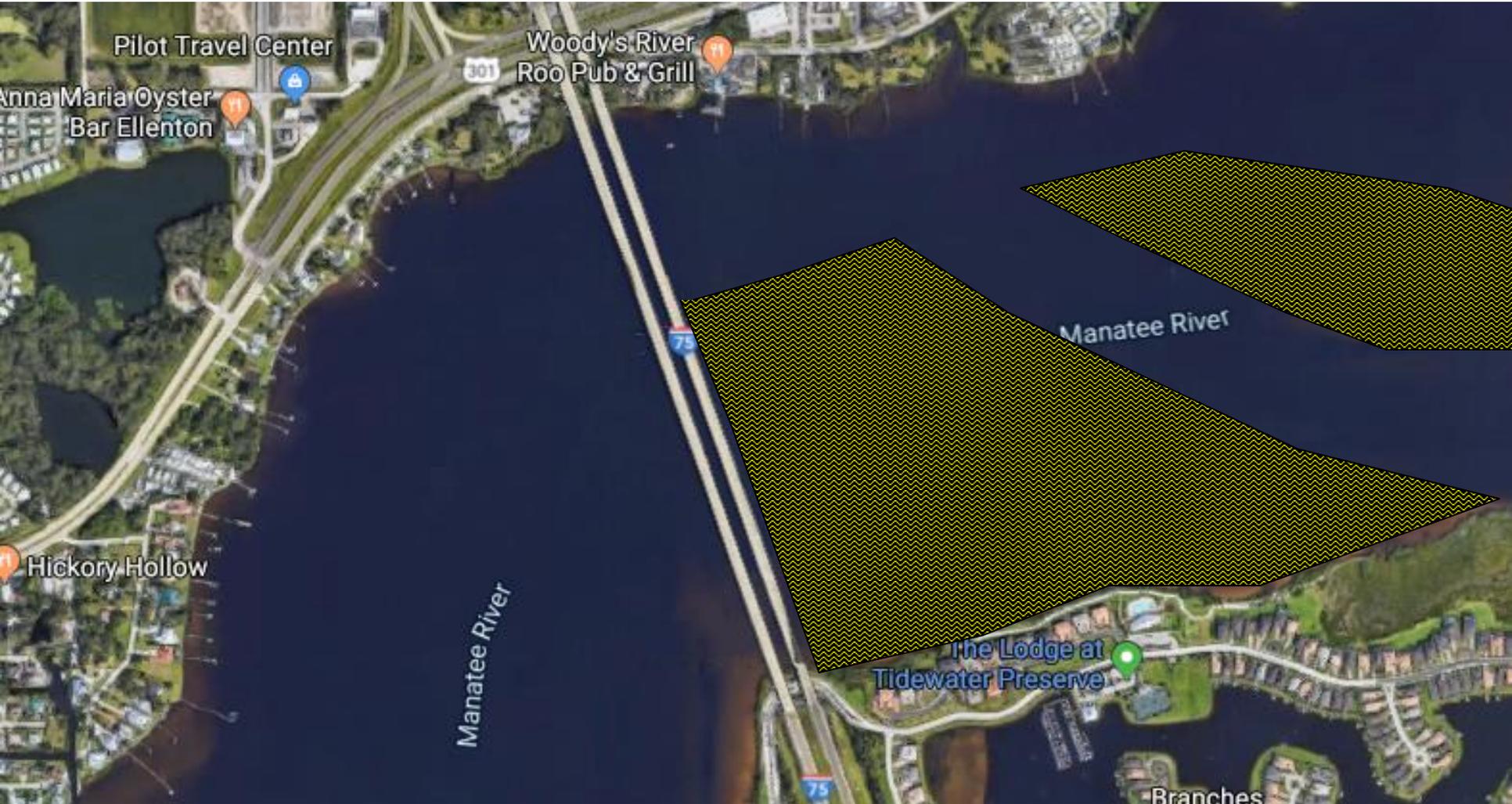
Shallow Spots





Navigating the Manatee River

Shallow Spots





Navigating the Manatee River

Shallow Spots

- **Stay in the Manatee Channel to avoid Shallow Spots**
- **Follow the “Rules of the Road” when traveling in the Manatee Channel. Don’t crowd other boaters into a shallow area.**
- **Prop Up to Avoid Grounding**
- **Stay On Plane when possible**