

White Paper - Mooring Field Development

The following includes information from an internet review on boat mooring fields. For additional information contact TECHBlue Center (www.cleanwaterfront.net)

Environmental Product Note

Monitoring Station to help report EPA levels on Star Docks (can't happen easily on a mooring buoy).

Definitions – Mooring Field

Fields of individual single point moorings shall be defined by a polygonal area whose angle points are defined by coordinates, to within 10 feet, in the applicable state plane coordinate system and by a maximum number of moorings authorized within it. A rule of thumb for the area needed by a vessel on a single point mooring is a circle with a radius equal to vessel length plus five times the depth of water at high tide. This can be reduced but the minimum should be length plus three times water depth.

A mooring field is a controlled area where boaters tie up to a floating buoy that is attached to the bottom by a heavy weight or some type of auger system, which would have to be provided and maintained by the city. In any case, boaters would be assigned their position by a harbormaster.

Location

These mooring fields should be in reasonably close proximity to the applicant's property and preferably encompassed by his reasonable riparian lines and far enough offshore to keep noise disturbance to other shore owners in reasonable limits and not restrict reasonable future development by these owners. If mooring areas remote from the applicant's property are proposed, a clear description of why this is necessary and what are the potential positive and negative impacts to the public's use of the water may occur.

Money

Price comparison -- Standard Mooring field “hooks” can cost up to \$8,000 each.

Monroe County Mooring Field Rates: \$15.76 Daily; \$276.88 monthly (tax included)
The State of Florida has followed the City's lead and established a no discharge zone for sewage from boats around Monroe County. This helps to keep the waters clean as well as keeps the City's pump-out service busy. A City Pump-Out Boat, purchased with grant money, continues to provide pump-out services to all vessels on Key West waters. City Pump-Out is removing approximately 3,000 gallons of sewage per month. It is expected that this amount will increase as the countywide prohibition on sewage discharge is enforced. This year the City added another person to the mooring field/pump-out staff. Pump-out is now a seven-day per week operation.

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WaterWay Guide (www.waterwayguide.com): Typical rates to be \$15 nightly, \$90 weekly and \$300 monthly.

Ft. Myers Rates; \$13.00 a day or \$260.00 a month

Rates include holding tank pump out, dinghy docks, shower and bathroom facilities, and use of garbage and recycling bins. Pump out is typically provided by a pump out vessel and all other services/amenities can be found at Salty Sam's upland facilities.

Stuart Rates: Boaters pay \$240 per month or \$10 a day to tie off at any of the 86 mooring points

Dingy Launch – Floating Dock dropoff

Note: Recycling Alert ! We want to remind you of our recycling program for the Chicago Harbors. Each dock and each harbor office has a supply of blue bags for recycling. These bags are available to you, free of charge. According to the City of Chicago's program, recyclables such as aluminum cans, plastic bottles and newspapers should be placed in Blue Bags and then deposited in the regular dumpsters at the harbors.

Regulations & Administration Review

You are allowed 2 feet of overhang into the fairway. If your new boat is more than 2 feet longer than your slip, you **must** apply for a transfer to a larger slip. If you have a mooring and your boat size is larger than the mooring in any way, you **must** apply for a transfer to a larger mooring.

Q: I have a buoy/stardock assignment. How do I get out to my boat?

A: If you are moored in Monroe Harbor, the tender service will bring you to and from your boat. If you are moored in our other harbors, you will be required to obtain your own dinghy for this purpose.

Q: Can I keep my wave runner, jet ski or raft in my slip?

A: Yes, provided that they will fit into your slip and we have issued an auxiliary permit. We will determine what can or will be allowed in your slip. If you do not obtain an auxiliary permit, you will be subject to harbor fines based on your violation. You cannot use or place a wave runner in the harbor to get to/from your mooring or stardock.

Q: I am going out of town. Can my friend just put his/her boat in my slip/mooring/star dock until I come back?

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A: Mooring assignments are not transferable. The harbor manager may allow your friend to moor his/her boat provided that the location is not given to a transient boater and your friend must pay all transient fees.

Mast Stepping & Maintenance - example

Mast Stepping Service Our full service mast stepping service includes mast washing, a basic inspection, mast preparation, lighting check, stepping, tuning, taping, completing electrical connections, boom preparation, boom installation, leading halyards, and rigging the mainsheet and traveler.

Vessel Compliance

- Comply with U. S. Coast Guard regulations and safety standards and Chapter 327 of the Florida Statutes
- Be in good operational condition, capable of maneuvering under its own power
- Have current registration or acceptable documentation otherwise
- Have Liability Insurance coverage
- Contain a U. S. Coast Guard approved marine sanitation device, that complies with the U.S. Coast Guard requirements governing the installation and use of such devices upon that particular vessel.

Florida Mooring Field Review

Biscayne Bay

Bradenton Beach

Crystal River

Fernandina Beach

Ft. Myers

Keys

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Stuart – Closing for a year to renovate for Huizenga Holdings project

Sarasota

St. Augustine

Managed anchorages or mooring fields generally require a lease from the Governor and Cabinet for use of sovereign submerged lands under the mooring field and an environmental resource permit from the Florida Department of Environmental Protection for the disturbance to those lands caused by the moorings. However, the situation in St.

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Augustine is different. By special law the city was given ownership of the sovereign submerged lands within its jurisdiction, thus, St. Augustine does not require a lease from the Department of Environmental Protection (DEP) to establish a mooring field.

Vero Beach