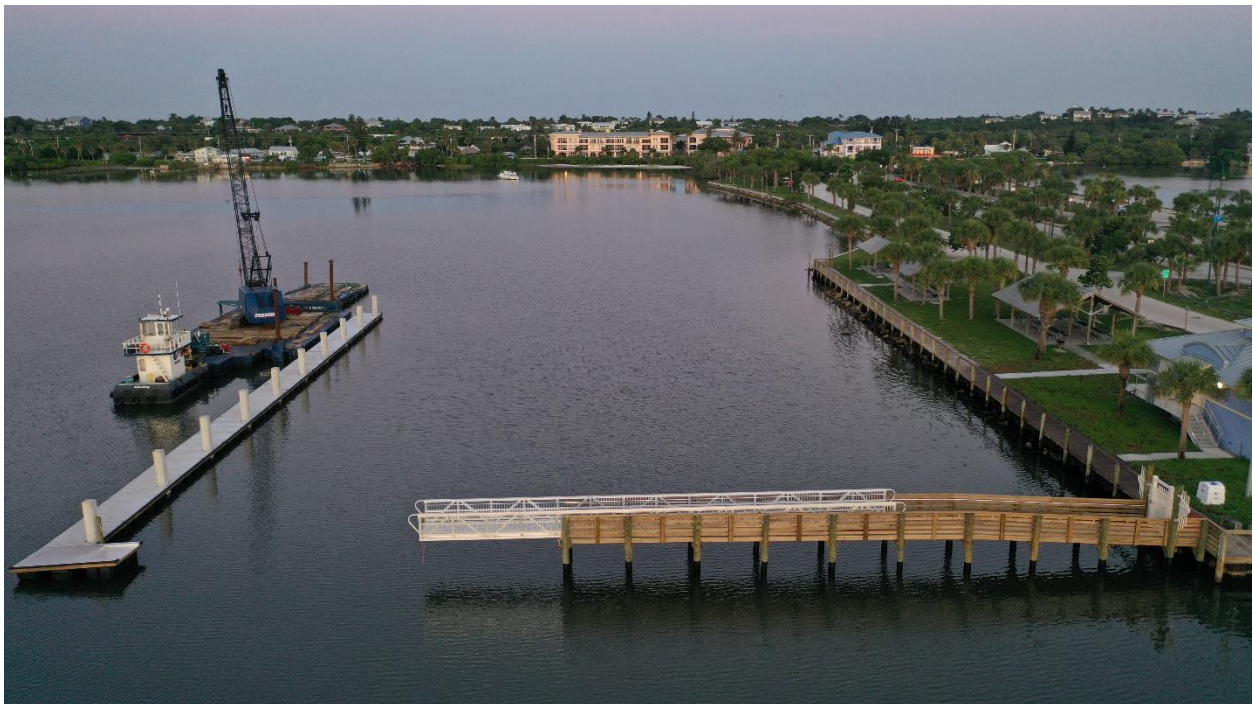




MARINA TECHNOLOGIES

MARINA TECHNOLOGIES BUILDS ROBUST FLOATING CONCRETE DOCKS  
FOR JENSEN BEACH MOORING FIELD



Marina Technologies (MTI) has been selected to build a new, robust floating concrete dock system for Jensen Beach Mooring Field located on the Indian River in Jensen Beach, FL. The 56-vessel mooring field was installed in late 2020 – which includes the below amenities:

- Restrooms & shower facilities
- Laundry facilities
- Dedicated mooring field dinghy dock (coming soon)
- Vehicle & bicycle parking
- Weekly pump out service

- Trash receptacles & recycling available
- Boat ramp access
- Free Wi-Fi

The facility accepts transient and long-term moorage customers.

The mooring field consists of 56 moorings using Helix Anchors with Helmken Storm-Soft elastic moorings.

A competitors inexpensive aluminum dock was installed, but wave loading at the exposed site caused total dock failure in only a few months.

Applied Technology & Management (ATM), the marina consultant for Martin County, then called Marina Technologies (MTI) to design a heavy-duty concrete dock system to withstand the specified wave loading of 3.7 ft wave height with a period of 3.4 seconds.

“We essentially took our floating wave attenuator design and added more concrete to sink it down to a lower freeboard – suitable for dinghys, small tenders, and vessels up to 50 ft long” reports Bob Berry – MTI’s Sales Engineer and Project Development Manager. “I think this may be the worlds strongest dinghy dock” he says laughingly!

The dock system is 8 ft wide x 120 ft long and is anchored with (9) 18” x 40 ft long square pre-stressed concrete piles and has 316L Stainless Steel internal pile guides with UHMW wear-pads. A 5 ft x 70 ft aluminum gangway connects the dock to a 100 ft long timber fixed pier.

Ferreira Construction, Hobe Sound, FL, is the installing Marine Contractor for the project.

The docks are currently under construction and will be delivered for installation in October.