



# Flotation Docking Systems, Inc.

## EXPERIENCE RECORD & REFERENCES

Updated January 2021

The following list represents some of our more noteworthy projects. For a full list, please contact our office.



### Riverfront Marina

Detroit, MI – 2020

Marina Replacement – 47 Slips & 565' Broadside  
Contact: Mike Pitters (313) 800-4444  
Notes: Original 1983 marina by FDS was replaced to accommodate larger vessels with upgraded amenities. Existing seawall was reused & new 75' beams driven into lake bottom to provide additional anchorage.

### Harbor Beach Marina, Harbor Beach, MI – 2020

Marina Renovation – 110 Slips

Contact: Ron Wruble (989) 479-9707

Notes: Utilities attached to fixed pier became submerged during 2019 high water, and entire facility was replaced. Five independent systems project outward from a wide marginal dock in place of the dilapidated fixed pier.

### Ironton Cove Marina, Ironton, MI – 2020

Marina Renovation – 10 Slips

Contact: Preston Parish (231) 547-2006

Notes: Timber pile supported finger piers were replaced with narrow floating versions to combat rising lake levels. All ten slips are rented seasonally and serve as a popular take-off point for The Landings restaurant.

### Discovery Pier, Traverse City, MI – 2020

New Dockage – 390' Broadside

Contact: Mike Willis (231) 941-4010

Notes: New marina utilizes 12' wide main piers and aggressive pile anchorage, providing service and mooring for tall ship cruises. All dockage incorporates significant live load capacity to handle large crowds.



### Suttons Bay Marina

Suttons Bay, MI – 2020

Marina Renovation – 106 Slips

Contact: Edie Aylsworth (231) 271-3051

Notes: Several new head piers and five independent gangways were provided for reattachment of existing finger piers. A number of slips were lengthened via finger pier extensions and marina utility received a significant upgrade.

### Manistique Marina, Manistique, MI – 2019

Marina Expansion – 19 Slips

Contact: (906) 341-2290

Notes: Improvements to an existing marina basin located along the Manistique River include new floating dockage along with a full-service fueling pier. Access is provided by a 60' long aluminum gangway attached to a pile-supported platform.

**Escanaba Marina, Escanaba, MI – 2019**

Dock Replacement – 28 Slips

Contact: Larry Gravatt (906) 786-9614

Notes: The very old central floating dock at this facility was replaced with a new version of similar layout but upgraded design features. Electrical and fire suppression systems were also improved to meet modern-day standards.

**Presque Isle Marina, Marquette, MI – 2019**

Dock Replacement – 38 Slips

Contact: Andrew MacIver (906) 228-0464

Notes: The first fixed pier of this facility was removed in favor of a reconfigured floating variety. All dockage is anchored with telescoping spuds and provides multiple ADA compliant slips.



**East Tawas State Harbor**

East Tawas, MI – 2018

Marina Addition – 125 Slips & 460' Broadside

Contact: Micah Jordan (989) 362-5041

Notes: Two new floating systems installed within an existing facility, including a service pier with fuel and pump-out amenities. The dock-mounted attendant building serves as this facility's new hub, which also features a premier ground-fault electrical monitoring system. Chain-anchored wave attenuators were also provided to create a more sheltered environment for new piers.

**Sheboygan River Marina, Sheboygan, WI – 2018**

Marina Replacement – 94 Slips

Contact: Michael Willmas (920) 459-3444

Notes: Located along the Sheboygan River near the entrance to Lake Michigan, all dockage is either anchored back to the seawall, or via telescoping spuds depending on location.



**Harrisville Harbor**

Harrisville, MI – 2018

Marina Renovation – 54 Slips

Contact: Jim Ferguson (989) 724-5242

Notes: Old floating piers were removed and replaced with updated slip lengths, featuring modern amenities. The facility's fixed pier was also fortified and appointed with new decking. A gathering platform near shore provides event space for boaters and locals alike.



**F. Grant Moore Municipal Marina**

Boyne City, MI – 2018

Marina Expansion – Broadside Mooring Only

Contact: Barb Brooks (231) 582-7361

Notes: The first phase of this marina's expansion was completed in September of 2018. Initial components include a 12' wide floating wave attenuator to shelter broadside mooring from Lake Charlevoix's considerable wave activity. Due to 30'+ depths, all dockage is anchored using massive concrete blocks and heavy-duty chain. Note: Photo was taken mid-installation during a storm with 50+ mph gusts.

**Duncan Bay Boat Club**, Cheboygan, MI – 2018

Marina Replacement – 72 (to date)

Contact: Alan Meyers (231) 818-3950

Notes: Piers originally installed by FDS in 1989 were sequentially replaced, finishing in the fall of 2020 totaling 265 total slips, along with a new aluminum gangway and 12' wide head pier.

**Menominee Marina**, Menominee, MI – 2018

New Independent Piers – 10 Slips

Contact: Tony Graff (906) 863-8498

Notes: Five independent 72' long piers were installed adjacent to the marina's seawall. Each pier features four heavy pile anchors specifically engineered to accommodate large / high profile vessels.



**Bay Shore Marina**

Munising, MI – 2017

Marina Addition – 24 Slips

Contact: Devin Olson (06) 387-2095

Notes: A new telescoping spud-anchored pier was installed adjacent to the iconic Pictured Rocks Cruises dock. ADA accessibility was a primary goal, so all dockage was designed to meet handicap and barrier-free standards.

**Harbortown Marina**, Detroit, MI – 2017

Marina Renovation – 64 Slips

Contact: Sheldon Richards (248) 505-0655

Notes: Three independent floating systems at this Detroit River facility were replaced as a part of greater revitalization efforts. Anchorage is provided by telescoping spuds within a upland dredged basin.

**Detroit River Wildlife Refuge**, Trenton, MI – 2016

New Large-Vessel Dock

Contact: Graham Korneffel (734) 676-2131

Notes: This floating pier was constructed as a part of a larger renovation project supported by US Fish & Wildlife. Sized at 16' wide and nearly 100' long (excluding gangway), it primarily serves as a berth for the Michigan Sea Grant School Ship.



**Snail Shell Harbor**

Fayette, MI – 2016

Marina Replacement – 14 Slips

Contact: Randy Brown (906) 644-2603

Notes: The existing broadside-only pier was replaced with a new version that included finger piers and utility service, catering to a wider range of boaters. Access is provided by an 80' long aluminum gangway, and all exposed metal components were painted black in an effort to complement this state park's historic heritage.



**Bowers Harbor Yacht Club**

Bowers Harbor, MI – 2016

Marina Replacement – Head Pier

Contact: John Roth (231) 223-4137

Notes: Head piers for two dock systems originally installed by FDS were replaced after nearly three decades, while accompanying finger piers received minor upgrades / repairs. With basin depths exceeding 80', all dockage is anchored using large weights and tensioned chains.