

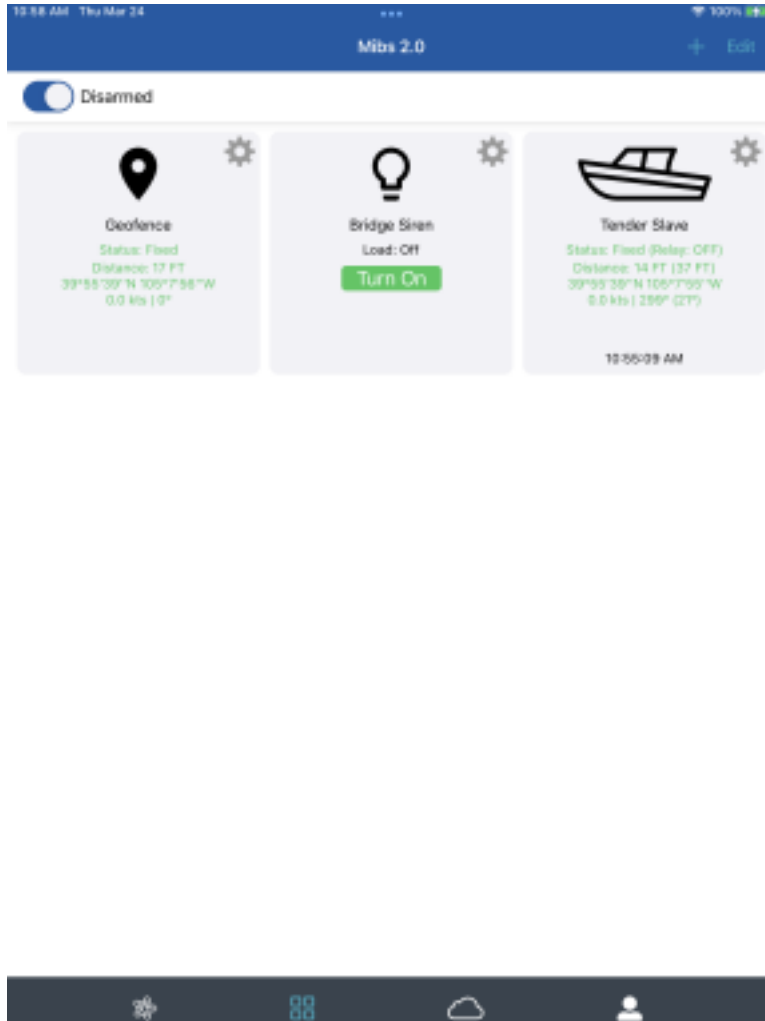
Tender Towing Manual - NOTE: Arm system before towing

The 'Tender Towing' system consists of three Smart Skipper Mates:

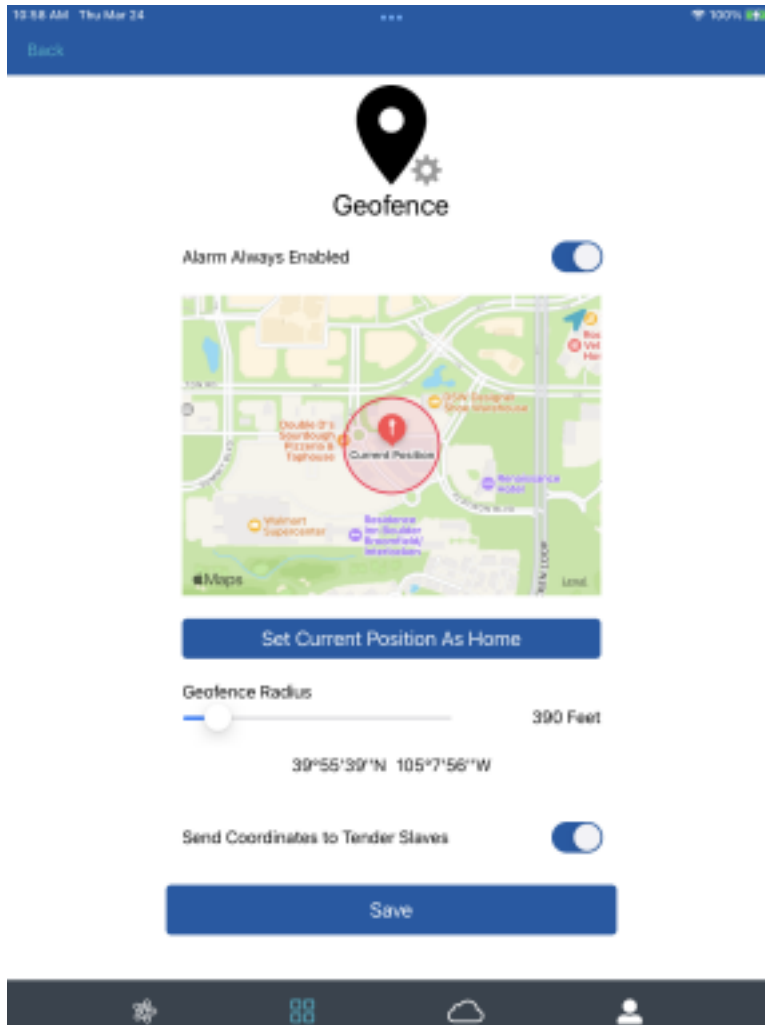
- Main GPS installed on the fly bridge
- Load Control Slave Alarm installed on main bridge with siren
- Tender Slave GPS installed on Tender boat

The Main GPS sends its gps data to the Tender Slave GPS about every 3 seconds. The Tender Slave GPS uses this data along with its own data to calculate distance. The gps data includes coordinates as well as a timestamp and speed. If the timestamps between the readings are not the same, the speed will be used to compensate the distance reading. The Tender Slave GPS sends the distance reading to the onboard iPad whenever the distance changes by +/- 5 feet. Depending on the set distance, the iPad determines whether to alarm or not and activates/deactivate the Load Control Slave Alarm siren.

Each Mate can be configured by clicking on the gray gear icon.



Main GPS / Geofence

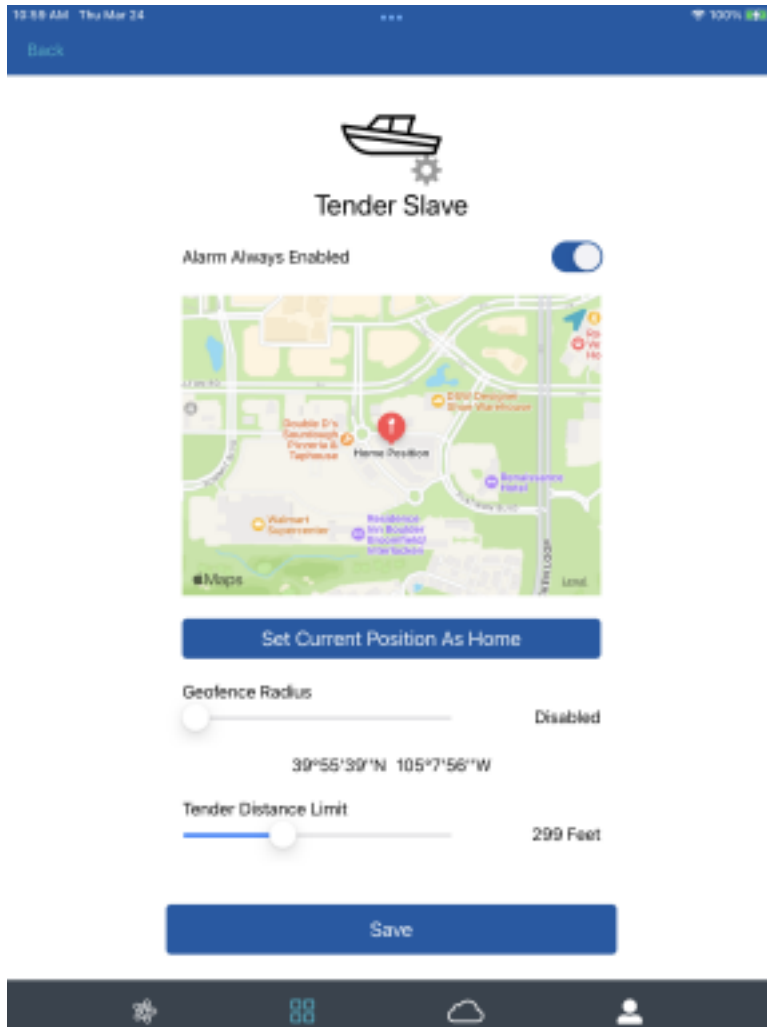


Whenever the main vessel moves to a new location, its 'home' geofence position needs to be set by clicking on 'Set Current Position As Home'. The geofence radius can also be changed.

'Alarm Always Enabled' should be ON.

'Send Coordinates to Tender Slaves' should be ON.

Tender Slave GPS




The tender slave gps also has its own geofence setting. You can set its 'home' position. The tile shows both the distance from the main gps and the distance from its home position (in parenthesis).

While towing, the geofence should be disabled by moving the geofence radius slider all the way to the left.

The tender distance limit should be set 1.5x to 2x the actual towing distance to allow for gps inaccuracies.

Slave Alarm / Siren

Back



Bridge Siren

Bridge Siren

Activate Load On Alarm Input

Slave Alarm

Trigger Slave Alarms

Save

The only setting that should be enabled here is 'Slave Alarm'. If you want to stop the siren from activating, disable 'Slave Alarm'.