



What is the SC Memorial Reef

- From the loss of one of our own, an idea was born to forever memorialize those who share a love for the ocean and the great sports fishing resource of South Carolina.
- The Memorial Reef is a group of volunteers committed to the idea of memorializing loved ones in the ocean.
- The South Carolina Memorial Reef is part of the Harry Hampton Foundation 5013C charity.
- The South Carolina Memorial Reef will be a part of the Charleston Deep Reef Project to create a special place of honor and reflection for the sports fishing community that share, protect and respect our outstanding offshore resource.



The SC deepwater reef

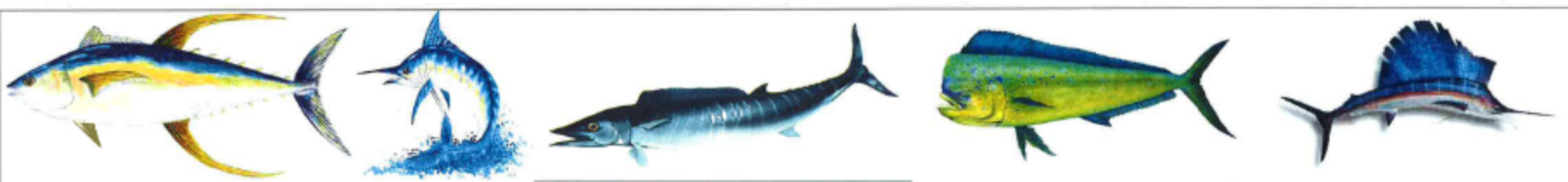
- The Charleston Deep Reef is the state's first artificial reef Type II MPA, a designation that prohibits bottom fishing for snapper or grouper but allows surface trolling for species such as billfish or dolphin.
- The area was selected with the assistance of the South Atlantic Fishery Management Council after reviewing their database of known live-bottom areas off South Carolina. This particular area was chosen because of its lack of live or hard bottom, a necessity for an artificial reef construction site.



SC deepwater reef

- The artificial reef site called the "**Charleston Deep Reef**" is a 4 by 6 mile area located approximately 52 nautical miles southeast of Charleston Harbor. Water depths range from about 300 to 450 feet.
- This site was established as a Type II MPA by action of the SAFMC and NOAA Fisheries in 2009 through Amendment 14 to the SA Snapper Grouper Fishery Management Plan.





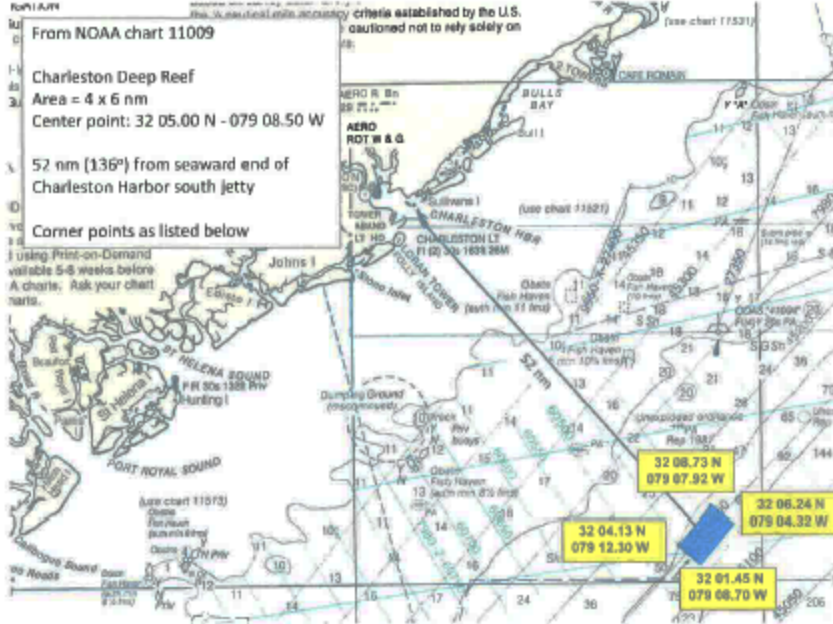
From NOAA chart 11009

Charleston Deep Reef
Area = 4 x 6 nm

Center point: 32 05.00 N - 079 08.50 W

52 nm (136°) from seaward end of Charleston Harbor south jetty

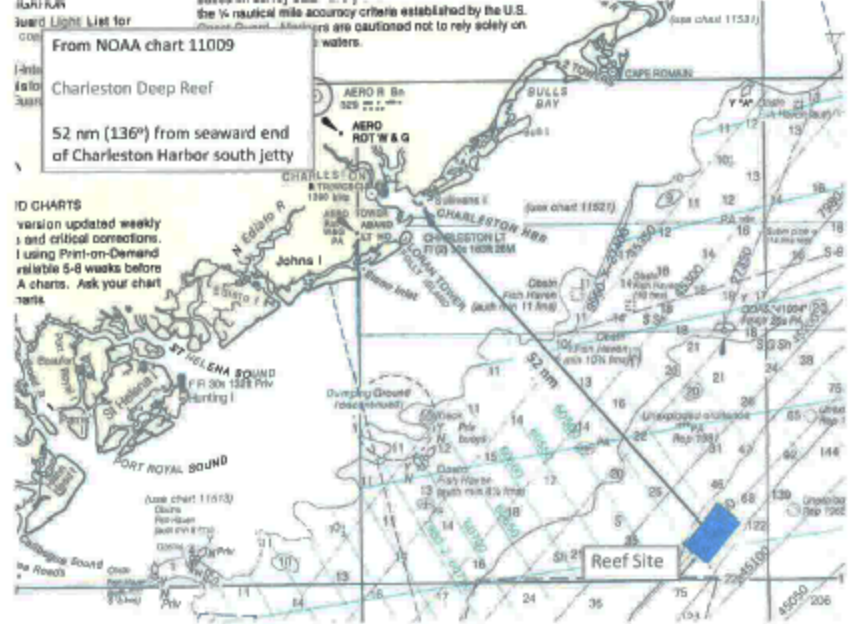
Corner points as listed below



From NOAA chart 11009

Charleston Deep Reef

52 nm (136°) from seaward end of Charleston Harbor south jetty



Where are we today?

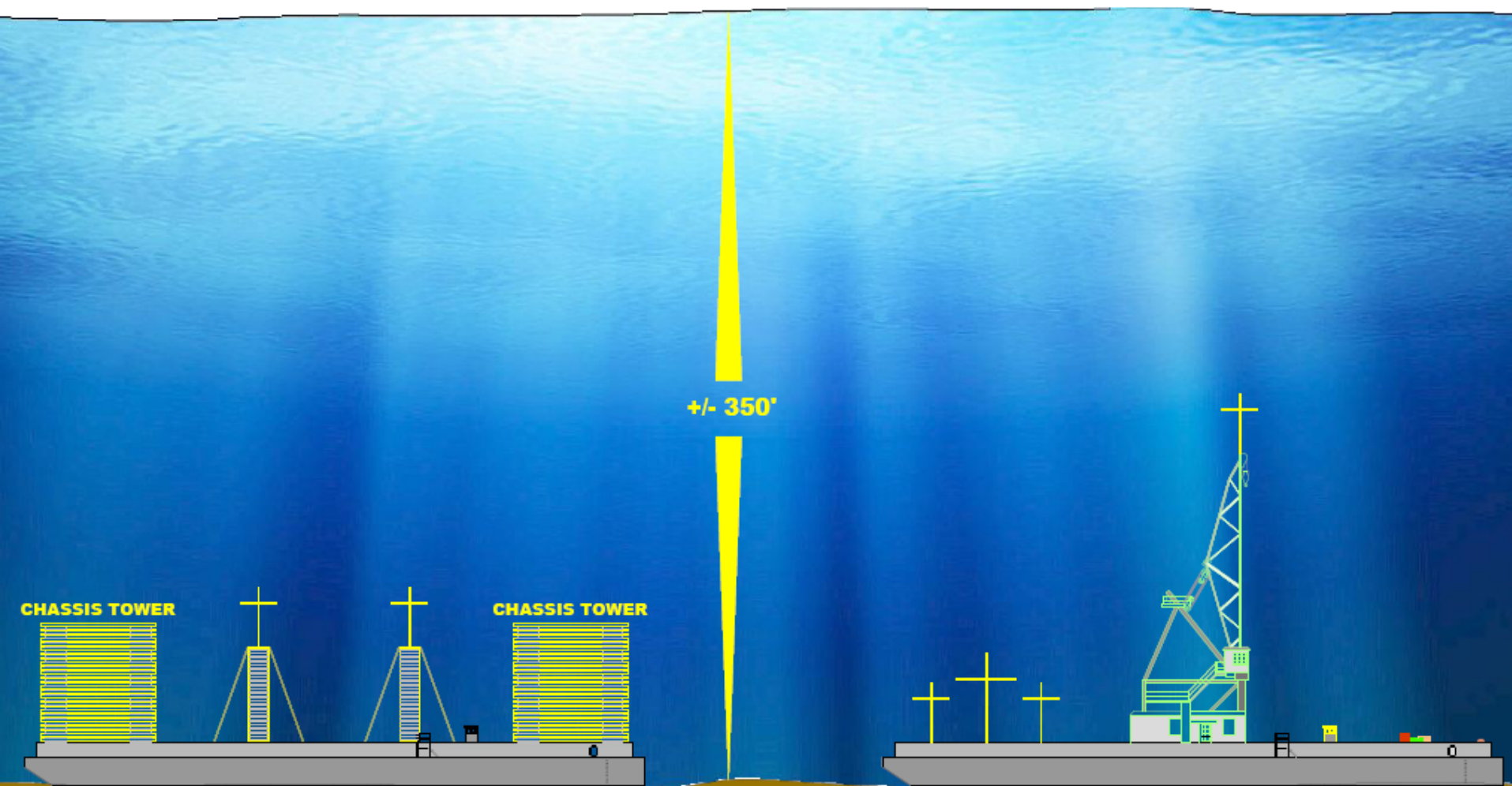
- The Charleston Deep Reef Project was going to be built from the scraps of the old Cooper River bridges (not available).
- We have now found barges (two 270 ft long), large crane, truck chassis to build the reef.
- Stevens Towing / Metal Trades have agreed to store, do the work, and tow the reef to the site.
- We are in essence ready to sink the reef!











Two 270 ft x 70 ft barges
Maximum vertical relief 190 ft



Why is this important?

- We would like a place to memorialize loved ones with the same passion.
- This is an opportunity for SC to have the deepest artificial reef on the East Coast.
- The structure will create upwelling, bait attraction and simply better fishing in this area.
- Assists in rebuilding stocks of deepwater snapper grouper species of reef fish.



Status and Schedule

(Aug 9)

- Necessary funding secured (\$450,000.)
- Materials and marine contractor secured
- Pre-construction site survey to be conducted by mid-August 2013 (MARMAP/NOAA)
- Initial barge placement to be conducted by early September 2013
- Second barge to be prepared and sunk as soon as possible after the first
- <http://scmemorialreef.com/the-reef/>

