



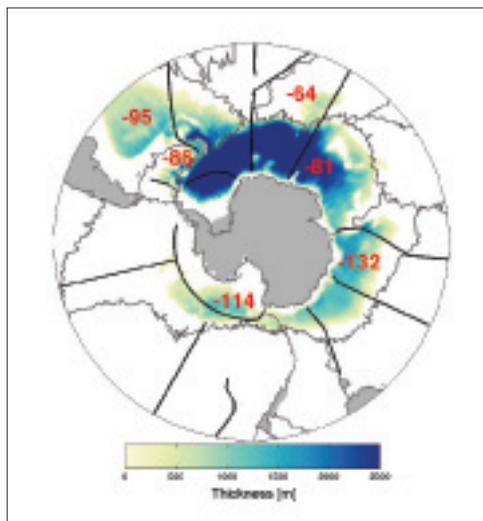
# Burger Builds a Seaton

Seaton Yachts, of Newport, Rhode Island, has announced plans to develop and market with Burger Boat Co. the Seaton Expedition Eighty-Three. Burger will build the yacht to Ice Class 1D standards at its shipyard in Manitowoc, Wisconsin. Look for a review of this design in a future issue of YACHTING. [www.seatonyachts.com](http://www.seatonyachts.com)

## Hot News from Deep Down

Two oceanographers from NOAA and the University of Washington have found that Antarctic bottom water, the coldest deep-ocean water surrounding the Southern Ocean, has been disappearing for the last few decades at an average rate of about 8.8 million tons per second — the equivalent of about 50 times the average flow of the Mississippi River or a quarter of the flow of the Gulf Stream through the Florida Straits. Antarctic bottom water is formed where seawater is cooled by the air temperature and made saltier by ice formation. This denser water sinks to the seafloor and spreads northward, filling most of the ocean bottom around the world while slowly mixing with warmer waters above it.

The findings from this new study suggest that significantly less of this bottom water has been formed than in previous decades. Changes in the temperature, dissolved oxygen, salinity and dissolved carbon dioxide of this prominent water mass are studied because of the important ramifications for Earth's climate, including their impacts on the rate of Earth's heat uptake and sea level rise. Read the full study at [journals.ametsoc.org](http://journals.ametsoc.org).



NOAA

## Tough Old Bird

It's not often that life begins anew at the age of 80, but that's certainly the case for *Dorade*. She won class CSA 7 with a score of six points at the Heineken Regatta in St. Maarten this past March. Her owner, Matt Brooks, wrote in his blog:



"My idea is to enter *Dorade* in all the races where she was victorious during her early years, including, but not limited to, the race across the Atlantic. (A Transatlantic Race in 2012 would be perfect timing.) We also need to toughen-up *Dorade* herself, readying her for the kind of long-range sailing she hasn't seen in decades, keeping in mind that while she may be game, she is also an 80-year-old lady." [www.dorade.org](http://www.dorade.org)