

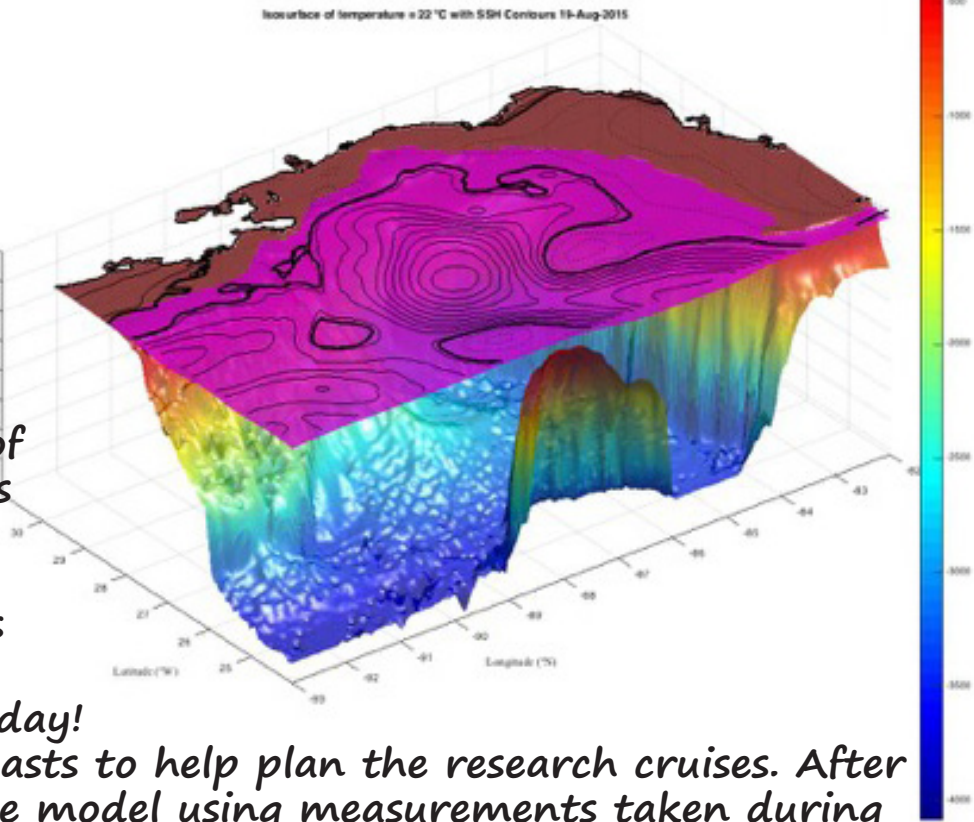
# WHALETIMES POSTCARDS FROM THE DEEPEND!

Deep-Pelagic Nekton Dynamics of the Gulf of Mexico 2017

Hi there,  
This is the Modeling Team checking in. No, we don't build little ships inside bottles and we don't pose for painters and sculptors! We make "numerical simulation" models that are run on supercomputers. Kind of like the weather models you see on the local news, except they are for the ocean. It sounds easy, right? – 100% humidity predicted all day!

We use the model forecasts to help plan the research cruises. After the cruise, we rerun the model using measurements taken during the cruise (this is called a hindcast or reanalysis run). Now we have a three-dimensional picture of the ocean. It helps us understand our measurements (of fish, crustaceans, etc.) and how they are related to each other and the ocean environment. Pretty cool!

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Jake, the SeaDog  
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Research funded by Gulf of Mexico Research Initiative award #GOMRI2014-IV-914

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