

## THE SEARCH CONTINUES

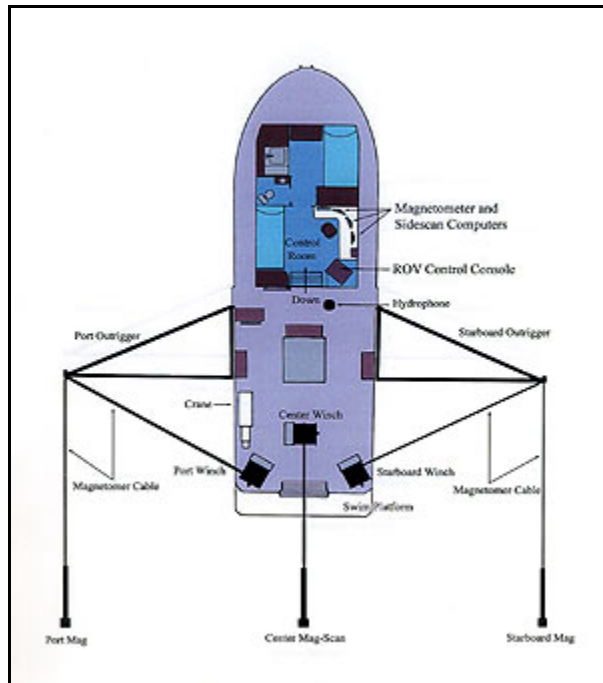
A team of marine archaeologists lead by Corey Malcom of the Mel Fisher Maritime Heritage Society continues to work the *Henrietta Marie* site. There are emerging technologies available – yet the task remains extremely challenging. The ship and artifacts have been covered over by drifting sand. Therefore instruments that can possibly “locate” under the sand are used.

Some technologies:



### SCUBA

SCUBA (Self Contained Underwater Breathing Apparatus) is a technology that allows people to stay underwater for extended periods of time. They wear tanks full of air on their backs and breathe through special hoses.



## SONAR

SONAR (SOund NAVigation Ranging) is similar to radar in that the principal of operation is to send out a wave and to have it reflect off something, and bounce back to a receiver. With sonar, a sound signal is sent from a transponder on a ship, bounce off an object as well as the bottom. The bottom looks “soft” the objects look “hard.” The receiver is also aboard the ship – or in some cases one ship has the transponder and one the receiver.

The time between sending and receiving the signal is an index of distance

[ACTIVITY: EQUILIBRIUM UNDERWATER](#)

[ACTIVITY: MAKING CONNECTIONS: HONORING YOUR ANCESTORS](#)

[ACTIVITY: MAKING AMERICA A BETTER HOMELAND FOR EVERYONE](#)

