

# ***Boston Sailing Center***

## **Coastal Navigation**

### **Problem Set 4**

Having spent the night in Cuttyhunk, you plan to pass through the Cape Cod Canal (notorious for its powerful currents) headed towards Boston on July 10.

1. Leaving Cuttyhunk Pond you cruise along the scenic north shore of the Elizabeth Islands on your way to the Canal. At about 12:30 pm you pass the Black & Red Qk Fl G on Lone Rock, at the north end of Quicks Hole, to port. Using Eldridge (p. 15 & the Newport tables on p 87) and the Rule of Twelfths, how much water would you expect above the charted depth?

2. What Danger Bearing on Red Nun "8" marking Weepecket Rock will keep you clear of the Weepecket Islands?

3. Plot a fix using the following bearings obtained with a magnetic bearing compass:

100° to Red Nun "8"  
341° to Red "10" Fl R 4sec GONG

How far are you clear of the danger bearing?

4. Please read pp. 44 & 45 in Eldridge - Cape Cod Canal Regulations.

Suggested reading: *Coastal Navigation*: chapters 7 & 8; Appendix pp 114, 115