

GUIDE 6 CAPTAIN DAN'S TIDE & CURRENT PRACTICE –

Your boat:

Time Machine

33', 6' draft

depth finder 3' from end of keel

height of mast 43'

Download tide charts at <http://www.sailchannelislands.com/Nav/exercises/sftides>

SCENARIO 1

Time Machine has suddenly arrived in Bonita Cove, just outside the Golden Gate.

The chronometer says it's 0400 on 6 May 1983

- When is the next high tide _____
- How far from Mean Lower Low Water is it? _____
- What is the set of the current at the approach to Bonita Channel? _____
- What time is max flood and how fast is the current? _____

SCENARIO 2

- You enter the San Francisco Bay. It is beautiful; it is also blowing like hell.
- You plot a course for Oakland Harbor and calculate it will take 2 hours to get there. The time is 0900 right now. What current will you encounter at the Oakland outer harbor entrance _____
- You're anchoring near the Park Street Bridge, intent on picking up beer in Alameda. When is slack water _____?
- What is the height of tide _____?
- You plan to leave one hour before the next max ebb. When is that?