

## Study Guide 4a Running fix, set& drift

### 1.

- Depart Pt. Judith Harbor enroute Church Pt. East bank of Sakonnet River
- Waypoint #1 is G "1" Bell Buoy south of Cormorant Rock
- At 0215 you get a radar fix 1nm East (mag) of Pt. Judith Light
- Tide chart shows current of 120/1 kt.
- Boat speed 6.5

Heading to Waypoint 1\_\_\_\_\_

ETA at Waypoint 1\_\_\_\_\_

### 2.

- At 0255 Brenton Reef Light bears 007M
- At 0330 Brenton Reef Light bears 283M
- The predicted current was
  - About right
  - Just a bit stronger
  - Wildly inaccurate

### 3.

- You are underway making 6.5 knots
- You are enroute to BW "SR" at mouth of Sakonnet River
- At 0223 you take the following bearings:
  - Buzzards Light bears 043M
  - Brenton Reef Light bears 327M
  
- At 0345 you identify Sachuest Pt. on radar. You turn to put the point directly on the bow. Ships compass reads 341; range is 5.5nm
  
- What is the set and drift?
  
- What is the new heading to BW "SR"
  
- What do you think the "SR" on the buoy means?