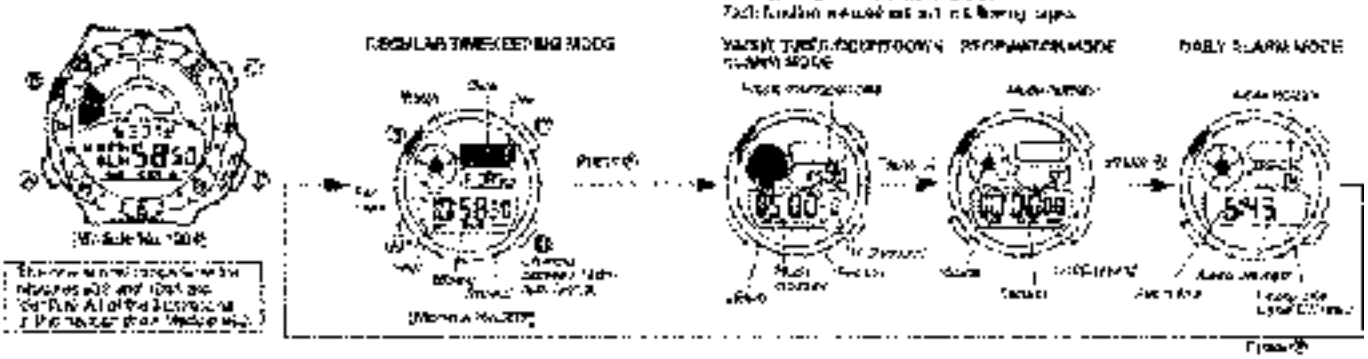
OPERATION CHART: MODULE QW-932

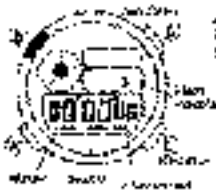
READING THE DISPLAY



SETTING TIME AND DATE



USING STOPWATCH



USING YACHT TIMER/COUNTDOWN ALARM

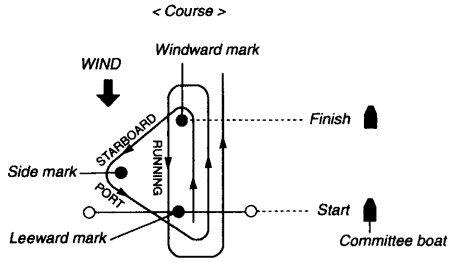


USING DAILY ALARM



USING THE DIRECTION BAZEL(MODULE NO.1004)

The direction bezel of the watch can be used as a navigating instrument during yacht races.

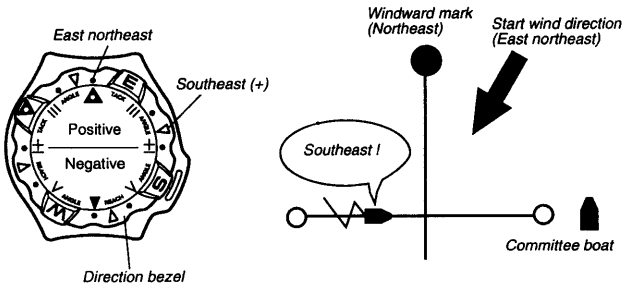


Determining the Optimum Start Position
The wind direction often changes after the Windward Mark position is set. With the following procedure, you can easily find out the optimum start position.

1. Use a compass to check the wind direction.
2. Rotate the bezel of the watch so that the wind direction is aligned with the ▲ mark at the 12 o'clock position on the watch's face.
3. Sail along the start line (between the start line markers) towards the committee boat.
4. As you sail towards the committee boat, take a compass reading of your bearing, and compare locate the bearing on the bezel of the watch.

- If your bearing falls in the positive (+) area of the bezel (see figure), your best start position is nearer to the committee boat (to the right of the Leeward Mark).
- If your bearing falls in the negative (–) area of the bezel, your best start position is further from the committee boat (to the left of the Leeward Mark).

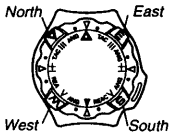
Example: Actual wind direction is east northeast



Pre-Start Preparation
Use the following procedure to set up the watch for tacking directions and mark bearings.

1. Before the start (after determining the optimum start position), use a compass to determine the bearing to the Windward Mark.
2. Rotate the bezel to align the bearing (direction) to the Windward Mark with the ▲ mark at the 12 o'clock position on the watch's face.

Example: when the windward mark bearing is northeast.



- **Tacking Directions**
  Using your compass together with the TACK ANGLE marks help you determine the correct tacking direction.

I. The TACK ANGLE on the upper left of the watch face is the angle that should be used when tacking from port to starboard.
II. The TACK ANGLE on the upper right of the watch face is the angle that should be used when tacking from starboard to port.



- **Mark Bearings**
  Once you make the settings described above, you can use your compass together with the REACH V ANGLE and ▼ marks to determine the bearing you should keep in order to reach the next course mark.

Important
This function works only when the Side Mark form a 45° angles with the Windward Mark.

I. Starboard Tack
The bearing from the Windward Mark to Side Mark is indicated by the REACH V ANGLE on the lower left of the watch face.
II. Port Tack
The bearing from the Side Mark to the Leeward Mark is indicated by the REACH V ANGLE on the lower right of the watch face.
III. Running Tack
The bearing from the Leeward Mark to Windward Mark is indicated by the ▼ mark at the 6 o'clock position of the watch face.

