



Race Officer - Sternchase Guidance

Race Format:

The yacht & dinghy sternchases are both of 100 minutes duration for a nominal 1000 PY handicap boat, all starting from the Main Pier start line with separate 'on-the-water' dinghy and yacht finishes at specified times. Start times are based on current Rolling Handicaps, rounded to the nearest minute. The boat in the lead at the specified time wins its sternchase.

Start Times:

These are generated by the OodHelper results program. Make sure that there are **IDENTICAL** start time lists, for the Race Officers and on the race management table.

Course Length Calculation, Selection & Display:

Nominal course length should be set such that a 1000 PY handicap boat will achieve the distance in 100 minutes. Estimated off-wind performance versus wind speed for 1000 PY:

Wind Force	Wind kt	Speed kt	NM in 100 mins
2	4	1.4	2.3
3	7	2.5	4.2
4	11	4.0	6.7
5	17	6.2	10.4
6	22	8.1	13.5

The dinghy & yacht courses must be compatible, with no rounding of marks in opposite directions, and should each have at least one leg with a windward beat. Dinghy courses must be in sight of the Race Officer for safety monitoring. For easier tracking, it may be helpful to define a large first round followed by a shorter second round to be repeated until the finish time. For dinghies you can specify a course from the Racing Handbook or define a 'special' course. For yachts you can specify a hybrid course from the east area lists or define a 'special' course. Courses from the handbook should be displayed from the Main Pier as normal. Any 'special' course must be clearly stated (marks to port in CAPITALS, etc.) and posted on the Race Management noticeboard well before the first published start time.

Starting Procedure:

The starting procedure specifies making a sound signal each minute and, for reference, a double sound signal at five minute clock intervals. VHF Chan 77 can be used to confirm yacht start timing.

Race Monitoring:

Record every boat's time on each occasion that it rounds mark W to keep track of the relative positions and number of rounds completed. One Race Officer should keep watch from the Main Pier Race Box while the other goes aboard the committee boat ready to finish both sternchases.

Finish Procedure:

The committee boat should follow the leading boats near the finish time and, if they are on a beat on the same tack, the Race Officer should call the leeward boat to tack so that they cross close to the finish time to adjudicate who is leading. Record the first three places.

Jim Scott - PEYC Sailing Secretary