



Paradise Radio Yacht Club (Inc).

RACING RULES OF SAILING WORKSHOP 2021 – 2024

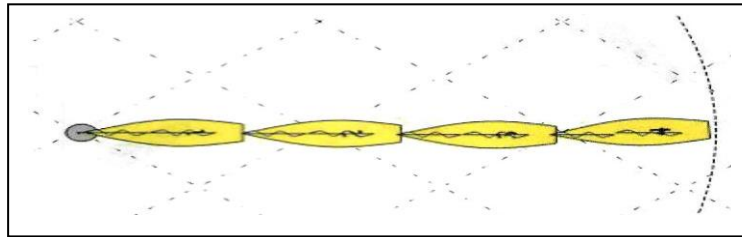
MODULE 6- Part 2 section C – AT MARKS AND OBSTRUCTIONS RRS 18.1 – WHEN RULE 18 APPLIES

1. In the last module we covered RRS 17 –ON SAME TACK PROPER COURSE. This rule is the last rule in Part 2 Section B – General Limitations.
2. Revision of Module 5: Rule 17 Key Points are:
 - a. Overlap must be established from clear astern, closer than 2 boat lengths.
 - b. Overlap must be established to leeward with boats on the same tack.
 - c. Leeward boat must not sail above her *proper course* while these circumstances remain unchanged.
 - d. R 17 does not apply if the *overlap* begins while the *windward* boat is required by R 13 to *keep clear*.
 - e. The starting signal must have been made (R17 does not apply before the starting signal as there is no proper course before the start.)

Part 2 section C – AT MARKS AND OBSTRUCTIONS RRS 18.1 – WHEN RULE 18 APPLIES

3. **OBJECTIVE:** At the end of this module, you will be able to:
 - a. Identify circumstances when R 18 applies.
 - b. Identify situations where R18 does not apply.
 - b. State the distance of a zone for RC racing. and
 - c. State the definition of *mark-room*.
4. In the definition *Zone*, the distance for radio sailing is changed from three to four hull lengths of the boat nearest the zone by E 1.1:

Zone The area around a *mark* within a distance of **four** hull lengths of the boat nearer to it. A boat is in the *zone* when any part of her hull is in the *zone*



SECTION C

AT MARKS AND OBSTRUCTIONS

Section C rules **do not apply at a starting mark** surrounded by navigable water or at its anchor line from the time boats are approaching them to **start** until they have passed them

5. Rule 18 contains the following four sections:
 - a. 18.1 describes when R 18 applies and when it does not apply.
 - b. 18.2 covers giving mark-room.
 - c. 18.3 covers when a boat passes head to wind (tacks) within the zone. and
 - d. 18.4 covers gybing within the zone.
6. Rule 18 key points are:
 - a. No part of rule 18 applies at a start line surrounded by navigable waters.
 - b. When no rule of Section C applies to a boat at a mark, the rules of section A. B will apply.
 - c. Rule 18 does not apply to boats on different tacks on a beat to windward.
 - d. Mark is to be rounded on the same side.
 - e. The rules of R 18 do not change the ROW, only rules 10, 11, 12, and 13 do that. Under specific circumstances, R 18 may grant mark-room which may limit the ROW boat's ability to sail as she pleases. and
 - f. R18 no longer applies when mark-room has been given.
7. Rule 18.1, When Rule 18 applies, states:

18 MARK-ROOM

18.1 When Rule 18 Applies

Rule 18 applies between boats when they are required to leave a *mark* on the same side and at least one of them is in the *zone*. However, it does not apply

- (a) between boats on opposite *tacks* on a beat to windward,
- (b) between boats on opposite *tacks* when the *proper course* at the *mark* for one but not both of them is to tack,
- (c) between a boat approaching a *mark* and one leaving it, or
if the *mark* is a continuing *obstruction*, in which case rule 19 applies.

Rule 18 no longer applies between boats when *mark-room* has been given.



8. The RRS definition defines *mark-room* as:

Mark-Room Room for a boat to leave a *mark* on the required side. Also,

- (a) room to sail to the *mark* when her *proper course* is to sail close to it, and
- (b) room to round or pass the *mark* as necessary to *sail the course* without touching the *mark*.

However, *mark-room* for a boat does not include room to tack unless she is *overlapped* inside and to *windward* of the boat required to give *mark-room* and she would be *fetching* the *mark* after her tack.

18.1 – WHEN RULE 18 APPLIES.

<https://www.youtube.com/watch?v=EY3VSs48Ly4>

9. Further reading on this subject can be found in John's RC Sailing Rules and Tactics, Chapter 3: Rule 18 and the Weather Mark, pages 1-3, by John Ball at:

<https://sites.google.com/site/johnsrcsailingrulesandtactics/>

10. In our next module we will commence the rules 18.2 of Section C. titled GIVING MARK-ROOM

11. See how you are going. Complete the test of objectives on pages 4 and 5 covering this modular.

TEST OF OBJECTIVES RRS 18 – WHEN RULE 18 APPLIES.

In the following questions, you are only asking to identify (Yes/No, and state reasons for your answer) if a rule of 18 is in force at the position indicated. You are not required at this stage to identify which boat has the right-of-way, or which boat has *mark-room*.

<p>1. Does rule 18 apply to position 2? State the reason for your answer.</p>	<p>2. Does rule 18 apply to position two? State the reason for your answer.</p>	<p>3. Does rule 18 apply? State the reason for your answer. Start Line.</p>
<p>4. Does rule 18 apply? State the reason for your answer.</p>	<p>5. Does rule 18 apply to position one? State the reason for your answer.</p>	<p>6. Does rule 18 apply to position one? State the reason for your answer.</p>

<p>7. Does rule 18 apply to position 5? State the reason for your answer.</p>	<p>8. Does rule 18 apply to position two? State the reason for your answer. Finish Line.</p>	<p>9. Does rule 18 apply to position two? State the reason for your answer. Finish Line.</p>
---	---	---

10. In diagram 9, does rule 18 apply at position 1?

ANSWERS:

1. No. The boats are on opposite tacks on a beat to windward.
2. Yes. Boats are overlapped, on the same tack, and required to pass the mark on the same side when blue enters the zone.
3. No. R 18 does not apply at a starting line surrounded by navigable waters.
4. Yes. Boats are overlapped, on the same tack, and required to pass the mark on the same side when red enters the zone.
5. Yes. They are leaving the mark on the same side and are within the zone.
6. No. The boats are on opposite tacks on a beat to windward.
7. No. R 18 does not apply between a boat approaching and one leaving a mark.
8. Yes. They are required to leave the mark on the same side and at least one of them are within the zone.
9. Yes. They are required to leave the mark on the same side and at least one of them are within the zone.
10. No. Neither boat is within the zone.