

SYRA Case Study #2

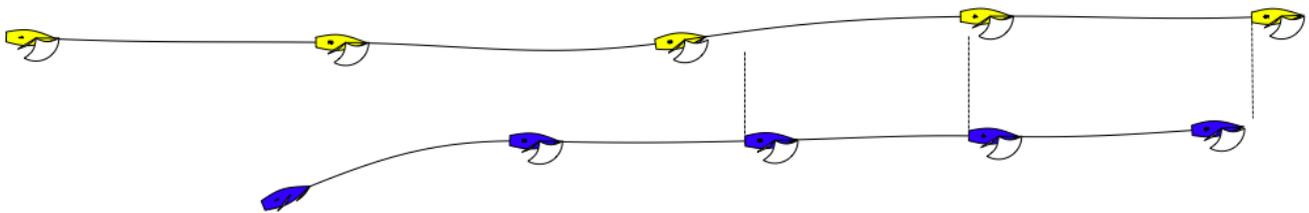
Faster Yacht *Overtaking* a Slower Yacht on a Reach

*Note: This case study has been revised based on a new definition for **Overtaking** (page 9) and changes to Rule 17, On the Same Tack; **Proper Course** (pages 15 & 16).*

The Racing Rules of Sailing apply as changed by Appendix SY.

Blue is a 35 metre yacht sailing on a reach to the next *mark*. Yellow is a 37 metre performance cruising yacht that is sailing almost 2 knots faster than Blue. At position 1, Yellow is on a course to *overtake* Blue to *windward* (see the definition *Overtaking*). Blue is sailing higher in an attempt to encourage Yellow to pass to *leeward*.

Just before the boats reach position 2, Yellow comes within 80 metres of Blue and RRS 17.2 begins to apply. Blue, the boat being *overtaken*, is required to sail her *proper course* (see definition *Proper Course*). Blue bears away to a beam reach to comply with RRS 17.2.



Yellow is the *keep clear* boat under RRS 12 and luffs to a higher course at position 3 to comply with her obligation to maintain the minimum 40 metre separation from Blue. Between positions 3 and 4, Yellow becomes *overlapped* with Blue and then RRS 17.2 no longer applies. Yellow must continue to *keep clear* under RRS 11 and Blue must not sail above her *proper course* under RRS 17.1. Yellow passes approximately 50 metres to *windward* of Blue.

At position 5, Yellow is *clear ahead* (see definition *Clear Astern and Clear Ahead; Overlap*) and is no longer an *overtaking* boat. RRS 17.1 no longer applies to Blue, but RRS 12 requires Blue to *keep clear* of Yellow. If Yellow bears away to her *proper course*, she must give Blue *room* to *keep clear* under RRS 16.

Revised January 2019