



## SYRA Case Study #2

### Faster Yacht Overtaking a Slower Yacht on a Reach

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

Blue is a 37 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 and overtaking Blue. At position 1, Blue is sailing higher in an attempt to make Yellow pass to leeward of her. When the boats reach position 2, Yellow comes within 80 metres of Blue and RRS 17.2 begins to apply, which requires Blue to sail her proper course (see the Definition *proper course*). Blue bears away to a beam reach to comply with the rule. As the overtaking boat, Yellow is required to not sail within 40 metres of Blue and at position 3, Yellow luffs to a higher course to comply with the rule. At position 4, Blue maintains her proper course as Yellow passes approximately 50 metres to windward. At position 5, Yellow is clear ahead (see Definition *Clear Astern and Clear Ahead; Overlap*) and RRS 17.2 no longer applies. Blue is clear astern and must keep clear of Yellow in accordance with RRS 12.

