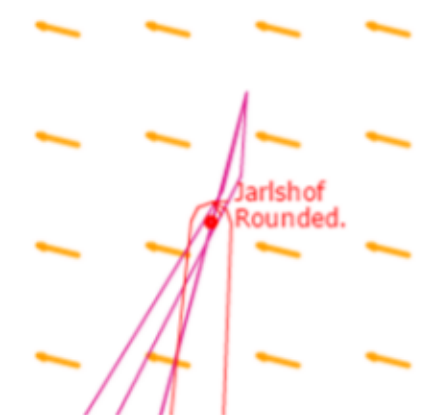


Kipper 1258 Shetland Timed Race Report

Well, what a race that was, and Kipper1258’s second (and very unexpected) win. The first timed race I have actually done well in. We had a very fast boat, big speeds and huge performance losses if you did not play your cards right. The key to this race for me came down to one thing. **Minimise your performance loss**. Obviously, starting at the right time is important, but that’s a given.

There was one critical rounding that you had to get right, and then sort out your performance loss. **Jarlshof**. Working collaboratively with **bonknhoot**, we discussed and tried this one with several different approaches. The best approach for performance loss, had a tendency to miss the mark. A granny gybe could get the PL down to the magic 93%, but the boat was going in the wrong direction. Below was one of those attempts, which worked, but very risky. Not a real option. And not deal with PL, you ended up at 82% and one mile lost.

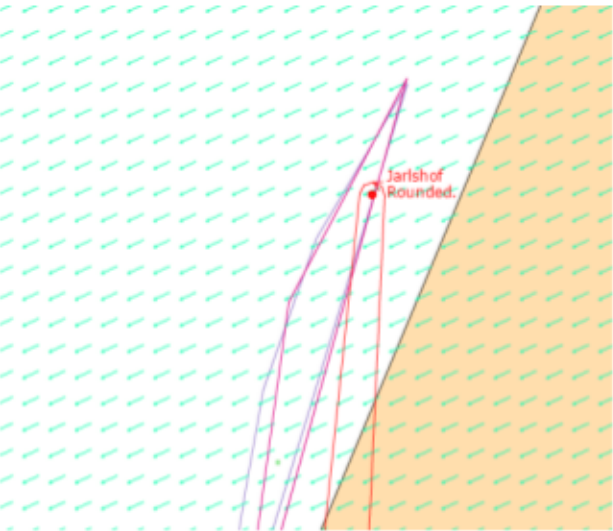


Jarlshof Granny Gybe

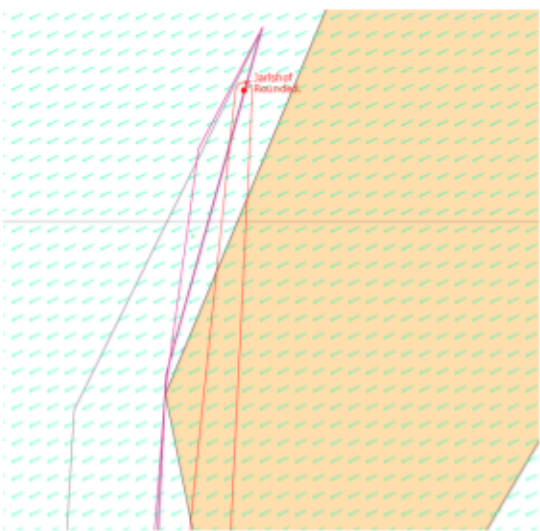
So then what. One thing I worked out, that after the gybe (and at 82% PL), going twa 0.1 and then back onto course, would only lose 0.2 nm versus over 1 nm by wearing the PL. So the strategy I tried and then used was the following.

- 1. Gybe wide once past Jarlshof
- 2. Go twa 0.1 for 10 seconds
- 3. Correct back onto course.

I ended up with a 96% PL and on my merry way. From the two traces below, it appears **StingFI** used a similar strategy as he finished only 12 second behind me. **Bonknhoot** was using the same strategy, but did not get it right, and ended up going wide. We believe this is why he ended up in third place, only two seconds behind **StingFi**

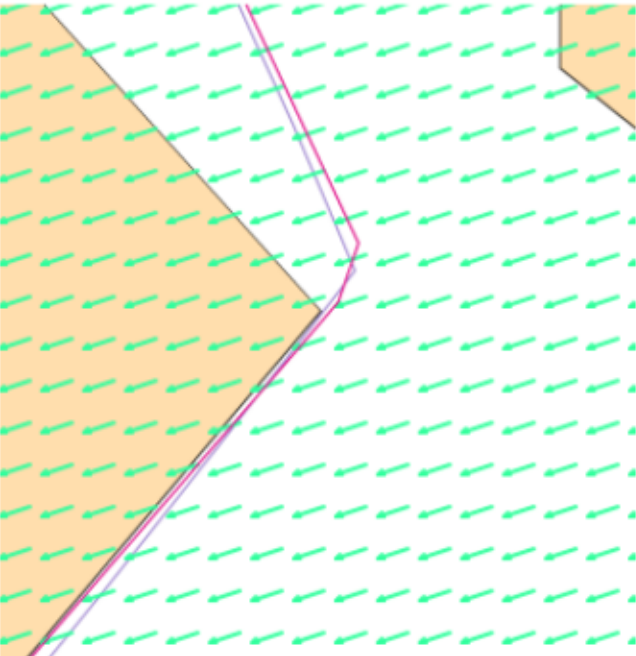


Kipper vs StingFI



Kipper vs bonknhoot

There were other opportunities to minimise performance loss as well. Quite often, we would come into a turn close to 93% and the turn would take us well under that. Breaking the turn into two steps would minimise PL as well, gaining that one or two seconds that made the difference in this race. Shortly after the start, there was one such opportunity. Notice the small change in direction in my boat (red trace) and the full turn in the other (actually **StingFI**). After the small turn, I was below 93%, so the rest of my turn came for free. **StingFI** would have copped another percent or two. There were three opportunities to do that.



In terms of the rest of the race, it really was about getting you lay lines right and not having a BBQ. Nothing too remarkable or difficult there.

So in closing, congratulations to **StingFI** and **bonknhoot**, well done in a very tricky race. Congratulations to the remaining top 10 and thanks to all the SOLers and the hard working admins who make this all possible for our enjoyment.

Kipper1258