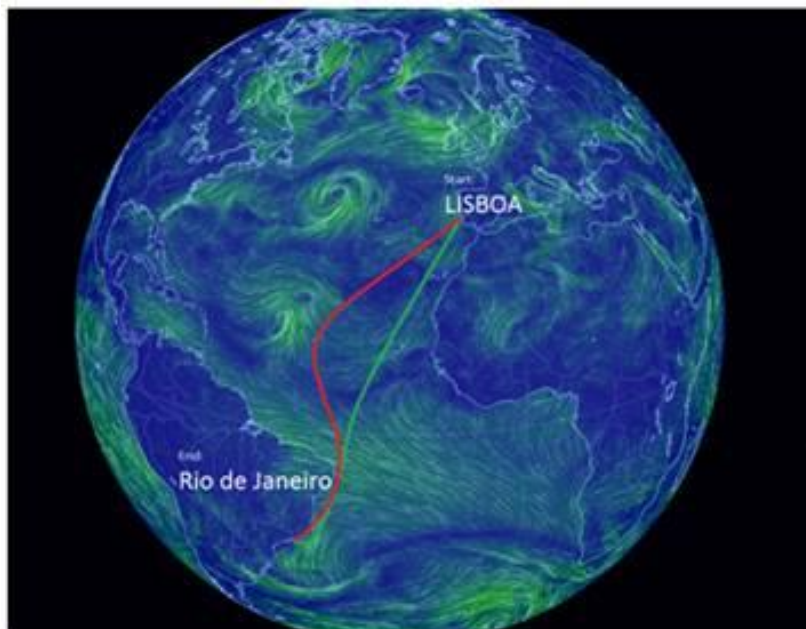




Figure 1 Gary Muwalt



Beaufort No.	Wind Speed (kn)		Probability
	Mean	Range	
0	1.56	< 2.7	0.024
1	3.89	2.7 - 5.4	0.065
2	7.00	5.4 - 8.9	0.033
3	10.89	8.9 - 13.0	0.009
4	15.17	13.0 - 17.5	0.003
5	19.84	17.5 - 22.2	0.005
6	24.51	22.2 - 26.9	0.095
7	29.37	26.9 - 32.0	0.040
8	34.62	32.0 - 37.5	0.916
9	40.46	37.5 - 43.8	0.006
10	47.07	43.8 - 50.8	0.003
11	54.46	50.8 - 58.3	0.001
12	62.24	58.3	
Total Probability			1.000

Figure 2 Map



Figure 3 MacGregor

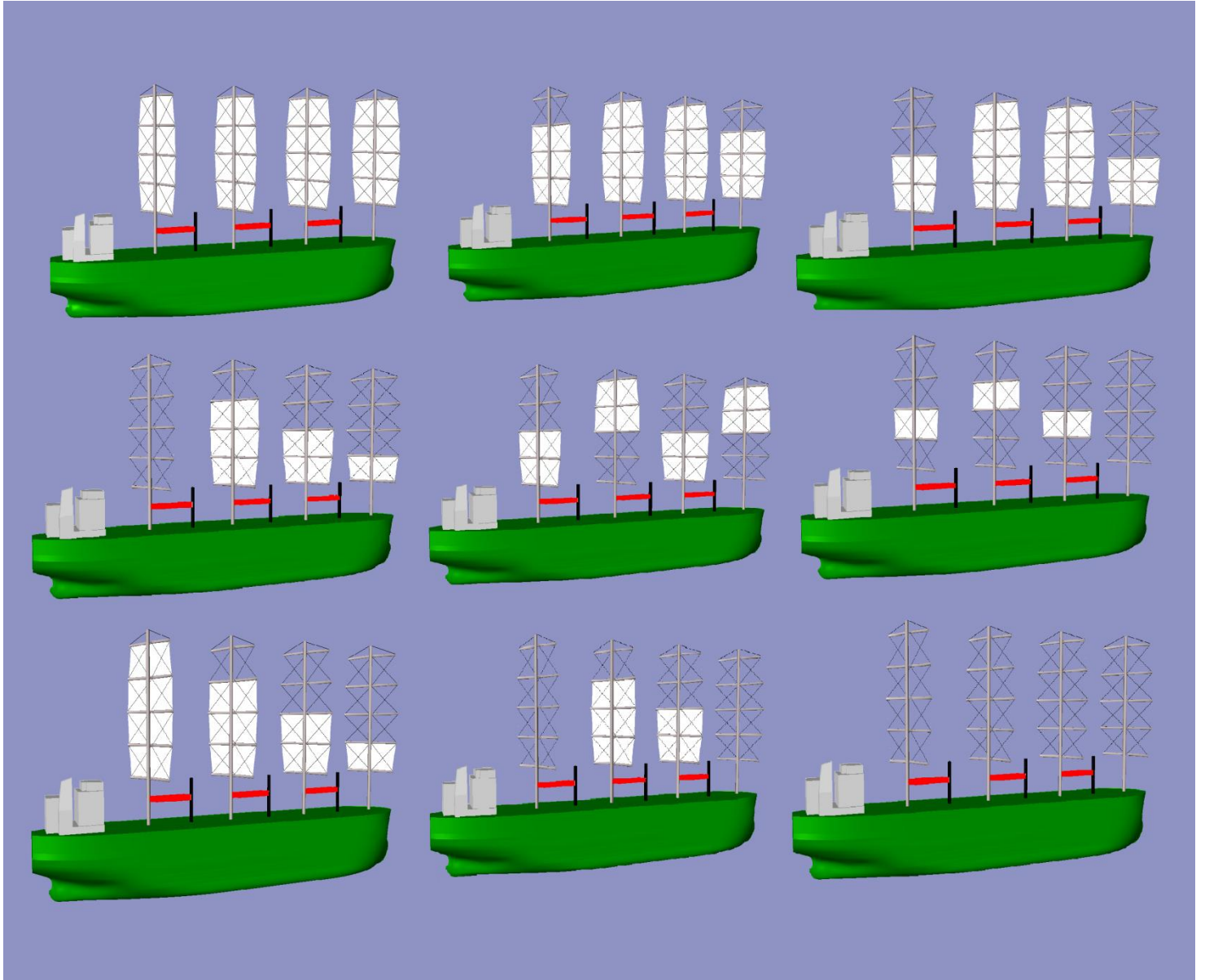


Figure 4 Rig configuration

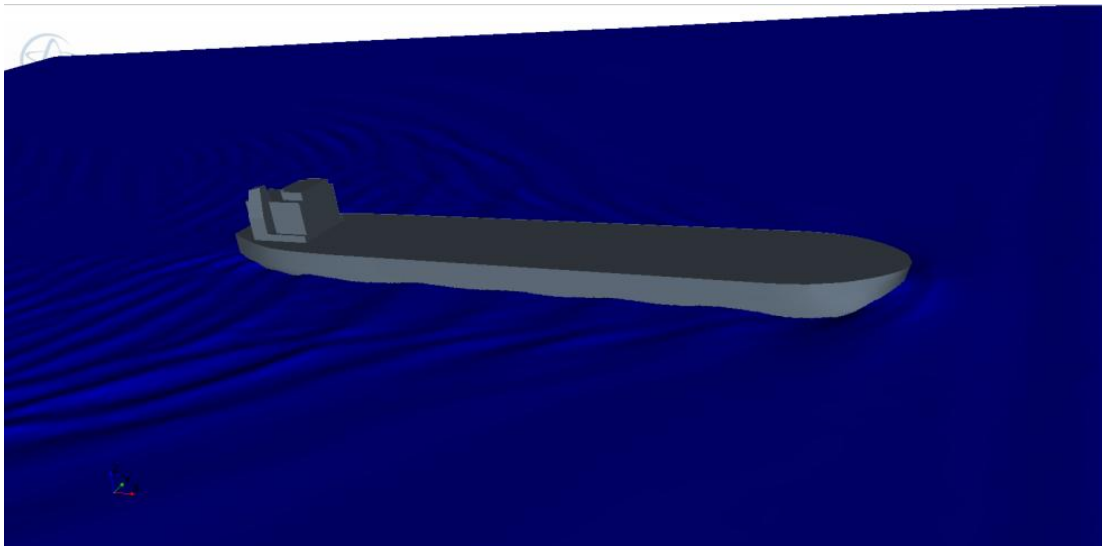


Figure 5 Model 1- wake

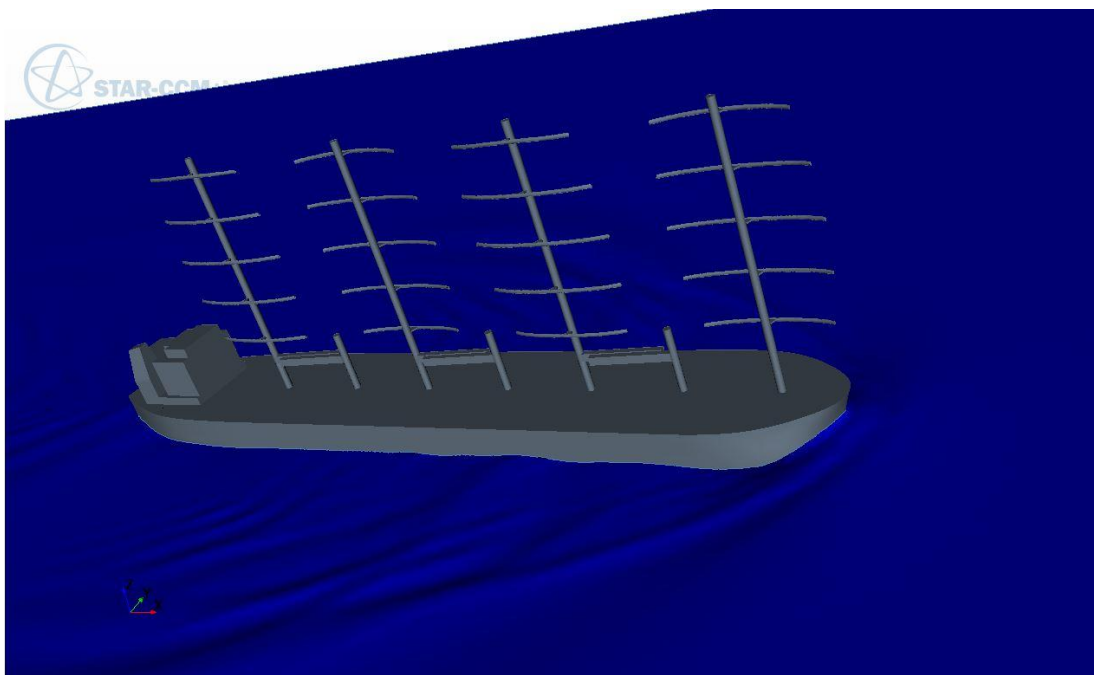


Figure 6 Model 2- wake

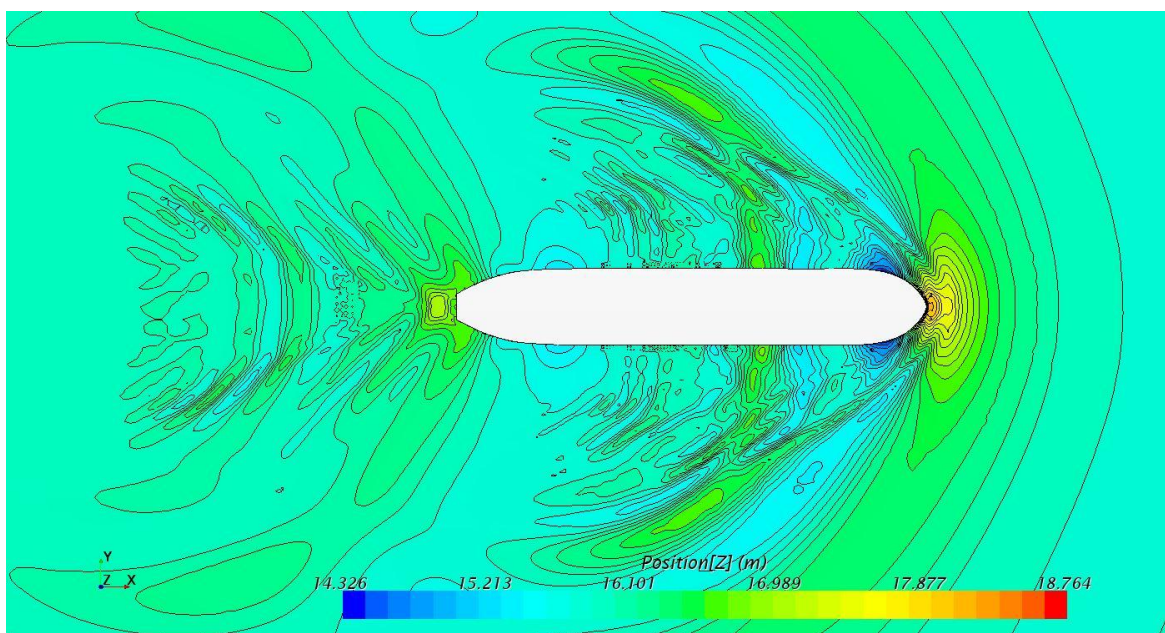
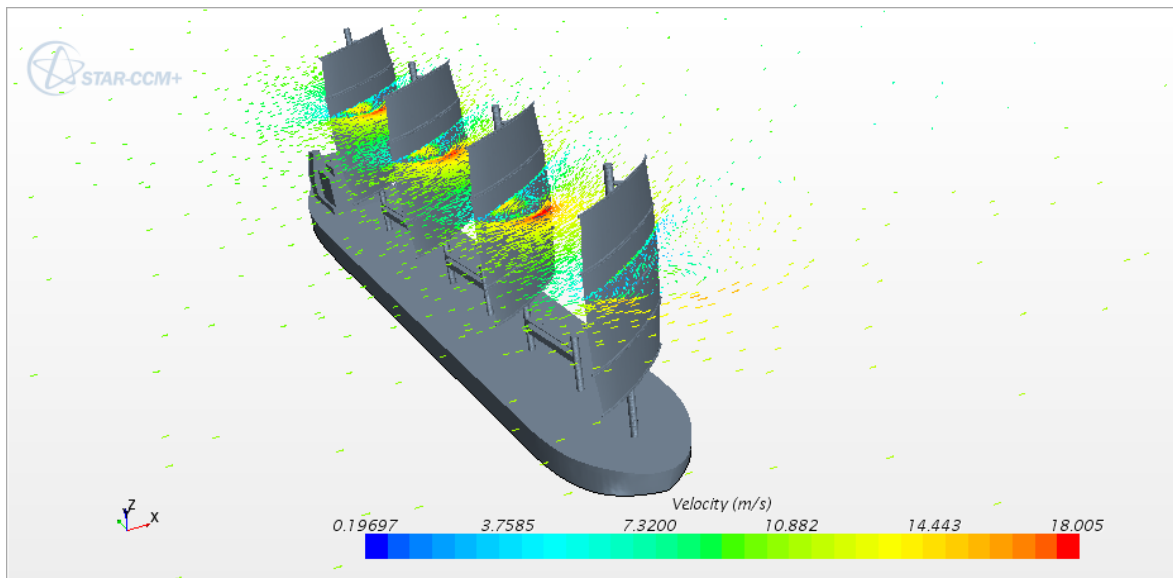
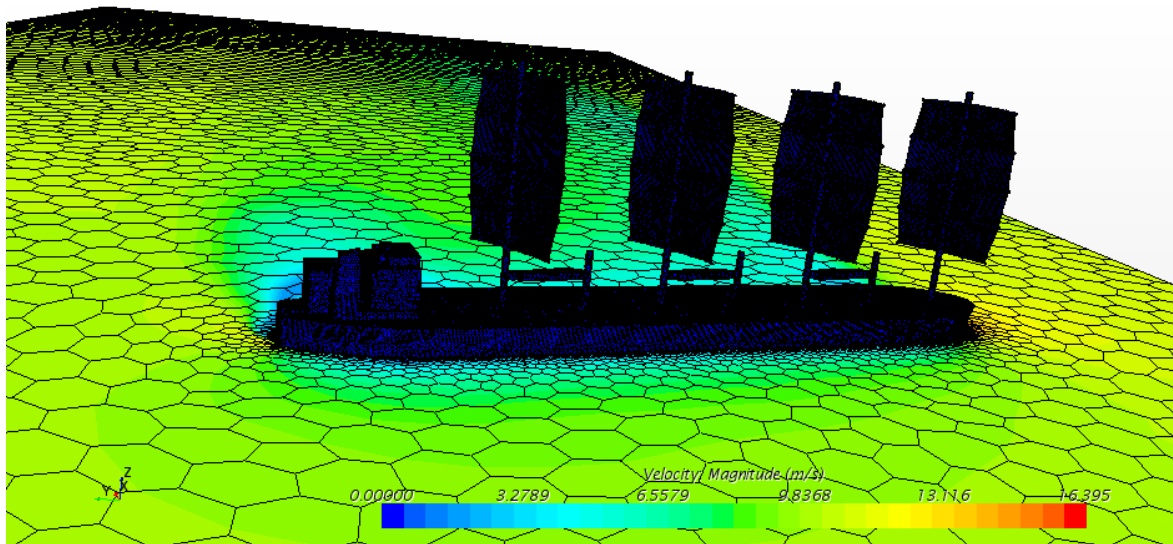


Figure 7 Model 3

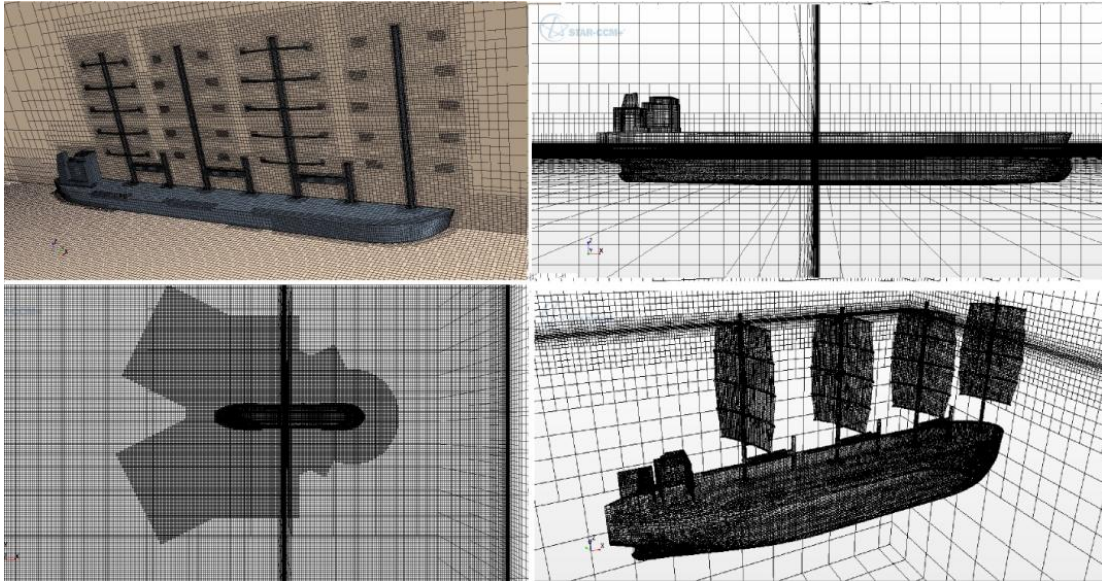


Figure 8 Mesh

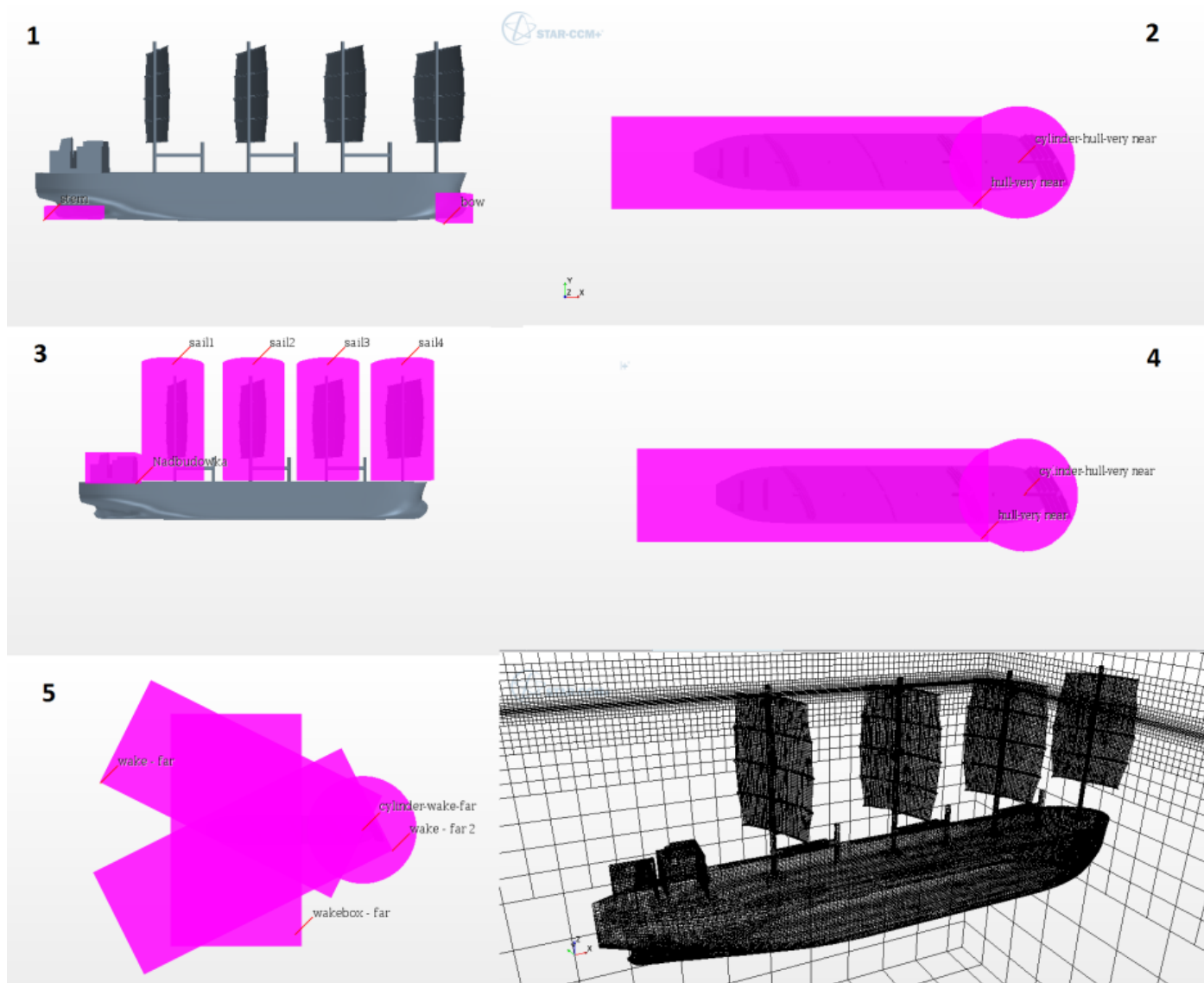


Figure 9 Figure 5 Volumetric Control Block

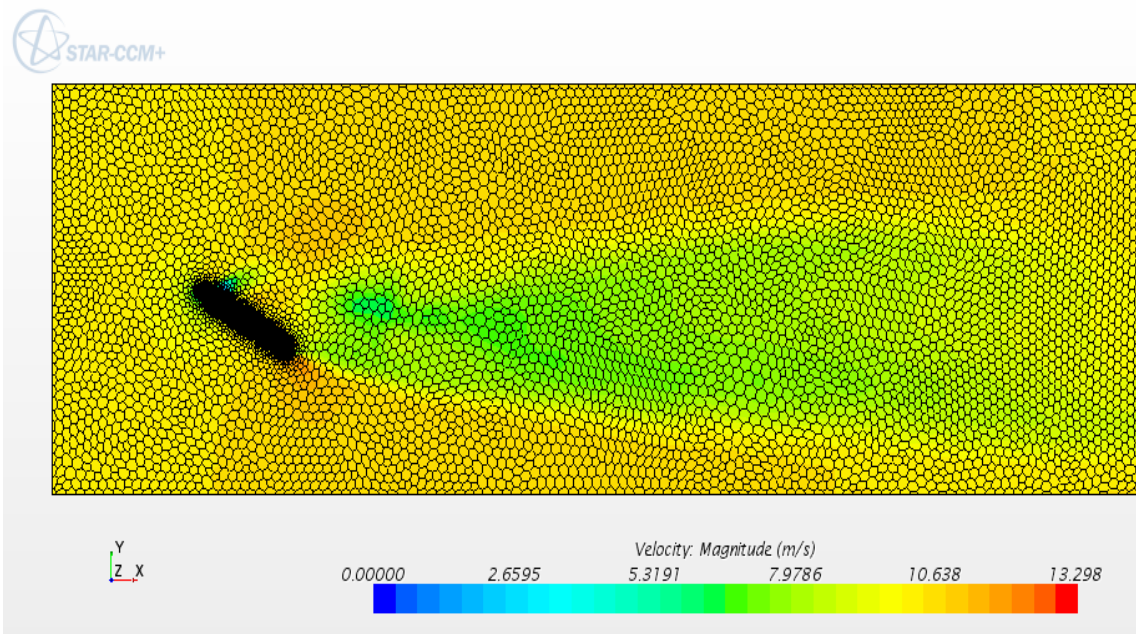


Figure 10 30 degrees of wind angle attack

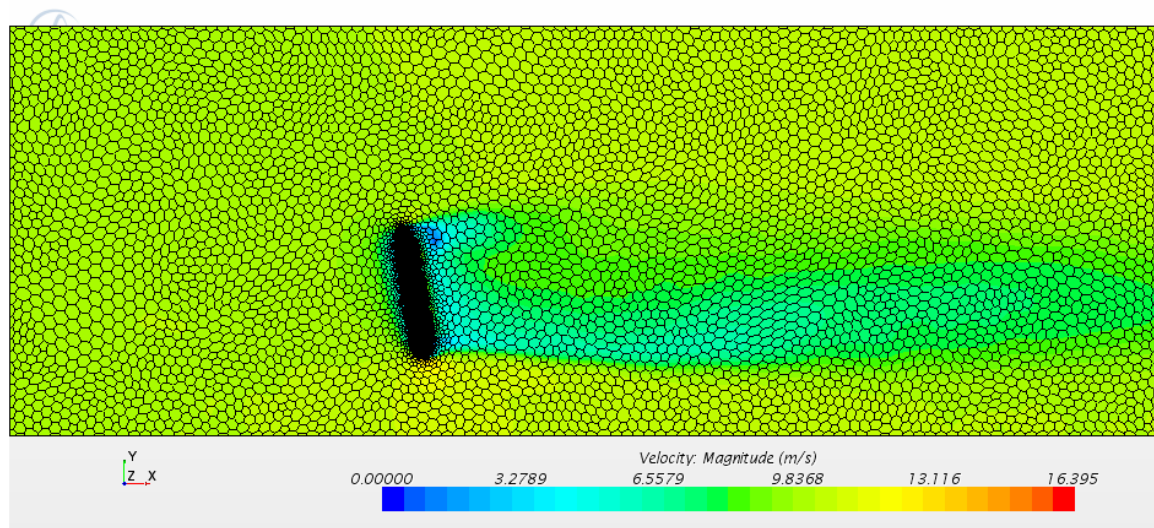


Figure 11 80 degrees of wind angle attack