Sailor	Weight	Corrected Leverage	Trial Settings			Previous Settings			Change in Settings		
			Rack	Lead(Kg)	In Range	Rack	Lead (Kg)	In Range	Rack	Lead(Kg)	In Range
1	58	75.4	8	0	N	8	12	N	0	-12	
2	70.2	72.2	8	0	Y	8	12	N	0	-12	Y
3	70.7	73.4	8	0	N	8	12	N	0	-12	
4	72.6	71	8	0	N	8	12	N	0	-12	
5	75.4	80.6	7	0	Y	6	9	Y	1	-9	
6	76.4	81.6	7	0	Y	6	9	Y	1	-9	
7	77.7	84	6	0	Y	5	9	Y	1	-9	
8	77.7	82.5	6	0	Y	5	9	Y	1	-9	
9	79	82	6	0	Y	5	6	Y	1	-6	
10	79.2	80.6	6	0	Y	6	6	Y	0	-6	
11	79.3	79.6	6	0	Y	6	6	Y	0	-6	
12	80	84	5	0	Y	5	6	Y	0	-6	
13	80.9	78.7	6	0	Y	5	6	Y	1	-6	
14	81	88	5	0	Y	4	6	Y	1	-6	
15	82	88	5	0	Y	4	6	Y	1	-6	
16	83.9	89.4	4	0	Y	3	6	Y	1	-6	
17	84.1	88	4	0	Y	3	3	Y	1	-3	
18	84.2	85	5	0	Y	4	3	Y	1	-3	
19	84.3	92.4	4	0	Y	3	3	Y	1	-3	
20	84.4	88.4	4	0	Y	3	3	Y	1	-3	
21	85.1	87.8	4	0	Y	3	3	Y	1	-3	
22	85.6	89.2	4	0	Y	3	3	Y	1	-3	
23	88	92.6	3	0	Y	2	0	Y	1	0	
24	88	93.2	3	0	Y	2	0	Y	1	0	
25	88	90	3	0	Y	2	0	Y	1	0	
26	90.6	92.6	3	0	Y	1	0	Y	2	0	
27	90.8	98	2	0	Y	1	0	Y	1	0	
28	91.4	96	2	0	Y	1	0	Y	1	0	
30	91.9	98.6	2	0	Y	1	0	Y	1	0	
31	92.4	96.6	2	0	Y	1	0	Y	1	0	
34	93.1	101.4	1	0	Y	1	0	N	0	0	Y
35	93.1	102.4	1	0	Y	1	0	N	0	0	Y
37	94.4	102	1	0	Y	1	0	N	0	0	Y
42	97	104.6	1	0	N	1	0	N	0	0	
43	97.5	103.4	1	0	N	1	0	N	0	0	
45	97.9	101	1	0	Y	1	0	N	0	0	
46	98.6	112.2	1	0	N	1	0	N	0	0	
49	99	106	1	0	N	1	0	N	0	0	
51	99.4	106	1	0	N	1	0	N	0	0	
54	100.5	104	1	0	N	1	0	N	0	0	
56	104.9	115.4	1	0	N	1	0	N	0	0	
58	105.8	116.4	1	0	N	1	0	N	0	0	
59	106.5	112.8	1	0	N	1	0	N	0	0	
61	106.7	114	1	0	N	1	0	N	0	0	
62	106.9	118	1	0	N	1	0	N	0	0	
64	109	120	1	0	N	1	0	N	0	0	

Sailor	2018											
	Nats/Euros		Inland		Lymington		Parkstone		Snettisham		QMSC	
	Position	% Pos	Position	% Pos	Position	% Pos	Position	% Pos	Position	% Pos	Position	% Pos
1		0		0		0		0		0		0
2		0		0		0		0		0		0
3		0		0		0		0		0		0
4	17	52	2	20	4	100	2	40	7	35	5	100
5		0		0		0		0		0		0
6	30	91		0		0		0		0		0
7	11	33		0		0		0	8	40		0
8		0		0		0		0		0		0
9		0		0		0		0	10	50		0
10		0		0		0		0		0		0
11	5	15		0		0		0		0		0
12	27	82		0		0		0	11	55		0
13	19	58		0		0		0	3	15		0
14	23	70	5	50		0		0	13	65		0
15		0	10	100		0		0	19	95		0
16		0		0		0		0		0		0
17		0		0		0		0		0		0
18		0		0		0		0		0		0
19	16	48	6	60		0		0	6	30		0
20		0		0		0		0		0		0
21	12	36		0		0		0		0		0
22		0		0		0		0		0		0
23		0		0		0		0		0		0
24	21	64		0		0		0		0		0
25		0		0		0		0		0		0
26	15	45		0	3	75	5	100		0	2	40
27	18	55		0		0		0		0		0
28	3	9	1	10		0		0	5	25		0
30		0		0		0		0		0		0
31		0		0		0		0		0		0
34		0		0		0		0		0		0
35	33	100		0		0		0		0		0
37	29	88	8	80		0		0	18	90		0
42	7	21		0		0		0	9	45		0
43	10	30	3	30	2	50	3	60	2	10		0
45	1	3	4	40		0		0	4	20		0
46		0		0		0	4	80	12	60	3	60
49	24	73		0		0		0		0		0
51		0		0		0		0		0		0
54	25	76		0		0		0		0		0
56	8	24		0		0		0	15	75	4	80
58	26	79	9	90		0		0	16	80		0
59	28	85	7	70		0		0	14	70		0
61		0		0		0		0	17	85		0
62	2	6		0	1	25	1	20	1	5	1	20
64		0		0		0		0	20	100		0
	33		10		4		5		20		5	

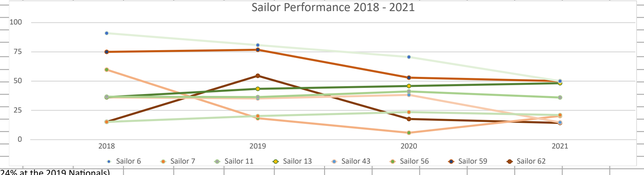
Sailor	2019											
	Nationals		Garda		Inland		Lymington		Snettisham		Brightlingsea	
	Position	% Pos	Position	% Pos	Position	% Pos	Position	% Pos	Position	% Pos	Position	% Pos
1		0		0		0		0		0		0
2		0		0	5	56		0		0		0
3		0		0		0		0		0		0
4	15	94		0	1	11		0		0		0
5		0		0		0		0		0		0
6		0		0		0		0		0		0
7		0		0		0		0		0	4	36
8		0		0		0		0		0		0
9		0		0		0		0		0		0
10		0		0	9	100		0		0		0
11	5	31		0		0		0		0	1	9
12		0	21	95		0		0		0		0
13	10	63		0	2	22		0		0	5	45
14		0	18	82	7	78	11	92		0		0
15	14	88		0		0		0		0	10	91
16		0		0		0		0		0		0
17		0		0		0		0		0		0
18		0		0		0		0		0		0
19	6	38		0	4	44		0		0		0
20		0		0		0		0		0		0
21		0		0		0		0		0		0
22		0		0		0		0		0		0
23		0		0		0		0		0		0
24		0	13	59		0		0		0		0
25		0	10	45		0	1	8		0		0
26	8	50		0		0		0		0		0
27		0		0		0		0		0		0
28	7	44	5	23		0	5	42	2	40		0
30		0		0		0		0		0		0
31		0		0		0		0		0		0
34		0		0		0		0		0		0
35	16	100		0		0		0		0		0
37		0		0		0		0		0		0
42		0	6	27		0	10	83		0		0
43	3	19	8	36		0	7	58		0	3	27
45	2	13	1	5		0	2	17	3	60		0
46	9	56		0	8	89	6	50		0	7	64
49		0		0		0		0		0		0
51		0		0		0		0		0		0
54		0		0		0	3	25		0		0
56	1	6	3	14	3	33		0	1	20	2	18
58	11	69	12	55		0		0	4	80		0
59	13	81	19	86	6	67		0		0	8	73
61		0		0		0		0		0	11	100
62	4	25	4	18		0	9	75	5	100	6	55
64		0		0		0		0		0		0
	16		22		9		12		5		11	

Sailor	2020				2021											
	Nationals		Oxford		Nationals		Inlands		Brightlingsea		Lymington		Salcombe			
	Position	% Pos	Position	% Pos	Position	% Pos	Position	% Pos	Position	% Pos	Position	% Pos	Position	% Pos		
1		0		0	16	57	6	43		0	5	38		0		
2		0		0	17	61		0		0		0	2	13		
3		0		0	28	100		0		0		0		0		
4		0		0		0		0		0		0		0		
5		0	12	71	26	93		0		0		0		0		
6	12	71		0	14	50		0		0		0		0		
7	7	41		0	10	36		0		0		0		0		
8		0		0	20	71		0		0		0		0		
9		0		0		0		0	4	67		0		0		
10		0		0	22	79		0		0	11	85		0		
11	4	24		0	6	21		0	1	17		0	4	25		
12		0	6	35		0	7	50		0		0		0		
13		0		0	19	68	4	29		0		0		0		
14	10	59	9	53		0		0		0		0		0		
15		0	13	76	24	86		0	5	83	9	69	15	94		
16	3	18	2	12	2	7	2	14		0		0	1	6		
17	16	94		0	12	43		0		0		0		0		
18	14	82	10	59	18	64		0		0	12	92	11	69		
19	8	47		0		0		0		0		0		0		
20	17	100	11	65	8	29		0		0	8	62	5	31		
21		0		0		0		0		0		0		0		
22		0	14	82	9	32	10	71		0	6	46	7	44		
23		0		0	13	46	9	64		0		0	6	38		
24		0		0		0		0		0		0		0		
25	2	12		0		0		0		0		0		0		
26		0		0		0		0		0	2	15		0		
27		0		0	15	54		0		0		0		0		
28		0		0		0	5	36		0		0		0		
30		0	16	94	21	75	13	93		0		0	12	75		
31		0		0	23	82		0		0		0		0		
34		0		0	25	89		0		0		0		0		
35	15	88		0		0		0		0		0		0		
37		0		0		0		0		0		0		0		
42		0		0		0		0		0		0		0		
43	5	29	8	47	3	11		0		0		0	3	19		
45		0		0		0		0		0		0		0		
46	9	53	5	29	5	18	3	21		0	3	23	8	50		
49		0		0		0		0		0		0		0		
51		0	17	100	27	96	14	100	6	100		0	14	88		
54		0		0		0		0		0	10	77		0		
56	1	6	1	6	1	4	1	7		0	1	8	10	63		
58		0		0	7	25		0		0		0		0		
59	11	65	7	41	11	39	11	79	2	33	7	54	9	56		
61		0		0		0		0		0		0		0		
62		0	3	18	4	14		0		0		0		0		
64		0		0		0		0		0		0		0		
	17		17		28		14		6		13		16			

% Performance Data for Selected Light and Heavy Sailors (Low Best)

Sailor	Weight	2018	2019	2020	2021
Sailor 6	76.4	91	81	71	50
Sailor 7	77.7	15	20	24	21
Sailor 11	79.3	37	36	41	36
Sailor 13	80.9	36	43	46	48
Sailor 43	97.5	36	35	38	15
Sailor 56	104.9	60	18	6	20
Sailor 59	106.5	75	77	53	50
Sailor 62	106.9	15	55	18	14

Note: Orange boxes interpolated due to lack data



Conclusions - Impact of change against available UK sailor data

An additional 9% of sailors were brought into the compensation range

48% of boats were able to remove the lead

50% of sailors increased a hole setting

At the 2021 Nationals 60% of the sailors attending were on the compensation range (vs 24% at the 2019 Nationals)