

RYA Race Result and YR2 Achieved Performance Spreadsheet

Race		Date	Start time		SCT		Insert CN to exclude from SCT:		CN		
Yarmouth Passage Race		04-Oct-15	15:15:00		1:36:19		Min boats contributing to SCT:		3		
Boat Name	Class	PY	H/cap	Finish	Elapsed	Laps Corrected	Place	Achieved	YR2	SCT	
		H/cap	status	time	time	time		performance %		input?	
EXTROVERT	3	7675	992	CN	16:38:08	1:23:08	1:23:48	1	863	-13.0%	
TAKE 5	3	1021T	1075	CN	16:48:13	1:33:13	1:26:43	2	968	-10.0%	
WOOLLEY KNICKERS	1 Start Boat 4:46	6537Y	877	RN	16:31:26	1:16:26	1:27:09	3	794	-9.5%	yes
Graham Smith (HH)	PROV		1050	CN	16:47:13	1:32:13	1:27:50	4	957	-8.8%	
Kittiwake(Centaur)	PROV	870	1130	CN	16:56:07	1:41:07	1:29:29	5	1050	-7.1%	
Sapphire	PROV	564	1170	CN	17:01:31	1:46:31	1:31:02	6	1106	-5.5%	
Christalyn	PROV	542	1034	CN	16:53:59	1:38:59	1:35:44	7	1028	-0.6%	
TABBY II	3	3550	942	RN	16:45:14	1:30:14	1:35:47	8	937	-0.6%	yes
Toucan	PROV	9775T	851	CN	16:36:56	1:21:56	1:36:17	9	851	0.0%	
Mi Amigo	PROV		982	CN	16:49:34	1:34:34	1:36:18	10	982	0.0%	
Moonlight	PROV	2526L	1024	CN	16:53:40	1:38:40	1:36:21	11	1024	0.0%	
Imagine	PROV	84	1133	CN	17:04:10	1:49:10	1:36:21	11	1133	0.0%	
Samwise	PROV	133	1003	CN	16:51:39	1:36:39	1:36:22	13	1003	0.1%	
RONDO	1	554	900	CN	16:43:54	1:28:54	1:38:47	14	923	2.6%	
FiFi	1	2725	928	RN	16:48:12	1:33:12	1:40:26	15	968	4.3%	yes
BLUE MOON	1	8504R	837	RN	16:40:17	1:25:17	1:41:54	16	885	5.8%	yes
Mistress	PROV	M82	1170	CN	17:15:02	2:00:02	1:42:36	17	1246	6.5%	XX

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RYA YR2 Performance Assessment:

The distribution of corrected times across a fleet will typically be 'skewed' since it is easier to make mistakes than to avoid them. The performance standard is defined as the corrected time achieved by the largest group of boats, the peak or 'mode' of the distribution, and the YR2 procedure allows for this typical

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distribution in calculating the Standard Corrected Time (SCT). The average of corrected times for the top two thirds of the PY, SY & RN boats in the race gives the Average Corrected Time (ACT). ACT+5%, corresponding to the statistically average performer relative to handicap two thirds down the fleet, is added to define the 'poor performance' limit. The corrected times of all PY, SY & RN boats faster than ACT+5% are then averaged to give the SCT for the race. This new group of boats may be the same as the original two thirds or more or less, depending on the performance distribution in each race. The elapsed time for each boat is divided by the SCT and multiplied by 1000 to give its 'achieved performance'. Corrected times worse than ACT+5% are defined as 'poor' and should be excluded in calculating a boat's average performance for handicap assessment.