

RYA Race Result and YR2 Achieved Performance Spreadsheet

Race		Date		Start time		SCT		Insert CN to exclude from SCT:		CN		
October Tankard & Series		10-Oct-10		10:58:50		1:57:30		Min boats contributing to SCT:		3		
Boat Name	Class	Sail No.	PY	H/cap	Finish	Elapsed	Laps	Corrected	Place	Achieved	YR2	SCT
			H/cap	status	time	time		time		performance %		input?
TABBY II	3	3550	1001	CN	12:47:06	1:48:16		1:48:10	1	921	-7.9%	
ALLEGRETTO	3	3551Y	1017	CN	12:49:14	1:50:24		1:48:33	2	940	-7.6%	
SUMMER LIGHTNING	1	8971	992	RN	12:49:24	1:50:34		1:51:28	3	941	-5.1%	yes
SEGRIST	3	8751	1026	CN	12:53:29	1:54:39		1:51:45	4	976	-4.9%	
CHIRON	3	cr1787	1089	CN	13:02:16	2:03:26		1:53:21	5	1051	-3.5%	
AMICUS	3	383	1049	CN	13:00:36	2:01:46		1:56:05	6	1036	-1.2%	
PEREGRINE	3	004	1156	CN	13:13:20	2:14:30		1:56:21	7	1145	-1.0%	
IMAGIKATION	1	7727	908	RN	12:44:32	1:45:42		1:56:25	8	900	-0.9%	yes
WILFUL	1	7351Y	941	RN	12:48:59	1:50:09		1:57:03	9	937	-0.4%	yes
WOOLLEY KNICKERS	1	6537Y	890	RN	12:44:31	1:45:41		1:58:45	10	899	1.1%	yes
RESOLUTION	1	123	860	RN	12:41:29	1:42:39		1:59:22	11	874	1.6%	yes
KERCHING	1	9091T	830	RN	12:38:00	1:39:10		1:59:29	12	844	1.7%	yes
BLUE MOON	1	8504R	842	RN	12:39:50	1:41:00		1:59:57	13	860	2.1%	yes
OUTFOXED	3	238	1172	CN	13:33:49	2:34:59		2:12:14	14	1319	12.5%	XX
GLASHEN	3	144	1236	CN	13:49:32	2:50:42		2:18:06	15	1453	17.5%	XX
ROSENDA II	3	11	1121	RN	DNF							
KISSY WISSY	1	8759T	915	CN	RTD							
KOTICK	3	139	1019	CN	RTD							

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 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.