

RYA Race Result and YR2 Achieved Performance Spreadsheet

Race		Date	Start time		SCT		Insert CN to exclude from SCT:		CN			
October Tankard		19-Oct-08	12:35:00		1:28:24		Min boats contributing to SCT:		2			
Boat Name	Class	Sail No.	PY	H/cap	Finish	Elapsed	Laps	Corrected	Place	Achieved	YR2	SCT
			H/cap	status	time	time		time		performance %		input?
CUMFRMBRUM	1	6037T	850	RN	13:48:36	1:13:36		1:26:35	1	833	-2.1%	yes
BIG TEAU* Start boat (7.40)	1	654	960	RN	13:58:46	1:23:46		1:27:15	2	948	-1.3%	yes
TAKE 5	3		1118	CN	14:13:10	1:38:10		1:27:48	3	1110	-0.7%	
ALLEGRETTO	3	3551Y	1020	CN	14:06:26	1:31:26		1:29:38	4	1034	1.4%	
IMAGIKATION	1	7727	915	RN	13:58:36	1:23:36		1:31:22	5	946	3.4%	yes
KERCHING	1	9091T	858	CN	13:54:28	1:19:28		1:32:37	6	899	4.8%	
RESOLUTION	1	123	877	RN	13:58:10	1:23:10		1:34:50	7	941	7.3%	Poor
SUMMER LIGHTNING	1	8971	942	CN	14:07:15	1:32:15		1:37:56	8	1044	10.8%	Poor
BLUE MOON	1	50	821	RN	13:56:17	1:21:17		1:39:00	9	919	12.0%	Poor
JESSIE MAE	1	8189	820	RN	14:06:01	1:31:01		1:51:00	10	1030	25.6%	Poor
GLASHEN	3	144	1245	CN	15:03:25	2:28:25		1:59:13	11	1679	34.9%	Poor
ROSENDA II	3	11	1124	CN	DNS							
SEA ANGEL	1	9050T	973	RN	DNS							
KISSY WISSY	1	8759T	906	RN	RTD							
MISTOFOLES	3		1274	CN	RTD							
ODELLE	3	124	1149	CN	RTD							
PEREGRINE	3	004	1158	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.