

RYA Race Result and YR2 Achieved Performance Spreadsheet

Race	Date	Start time	SCT	Insert CN to exclude from SCT:	CN							
Single Handed	27-Apr-08	14:35:00	1:16:34	Min boats contributing to SCT:	2							
Boat Name	Class	Sail No.	PY	H/cap H/cap status	Finish time	Elapsed time	Laps	Corrected time	Place	Achieved performance %	YR2	SCT input?
KOTICK		139	1020	CN	15:50:37	1:15:37		1:14:08	1			
SEGRIST		8751	1026	CN	15:51:40	1:16:40		1:14:43	2			
WICKED		7751T	968	CN	15:49:00	1:14:00		1:16:27	3			
CYGNUS		30	1055	RN	15:55:39	1:20:39		1:16:27	3			
WOOLLEY KNICKERS		6537Y	890	RN	15:43:08	1:08:08		1:16:33	5			
NAOMI		25	1034	RN	15:54:20	1:19:20		1:16:43	6			
PEREGRINE	PROV	4	1200	CN	16:11:58	1:36:58		1:20:48	7			
ROSENDA II		11	1138	CN	16:07:12	1:32:12		1:21:01	8			
KERCHING		9091T	816	RN	15:42:15	1:07:15		1:22:25	9			
GLASHEN		144	1245	CN	16:24:20	1:49:20		1:27:49	10			

Winner : Kotick

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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 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.