

RYA Race Result and YR2 Achieved Performance Spreadsheet

Race	Date	Start time	SCT	Insert CN to exclude from SCT:	CN					
Single Handed Race	23.02.2015	16:30:00		Min boats contributing to SCT:	4					
Boat Name	Class	PY H/cap	H/cap status	Finish time	Elapsed time	Laps Corrected time	Place	Achieved performance %	YR2	SCT input?
WOOLLEY KNICKERS	1	6537Y	887 RN	17:44:45	1:14:45	1:24:16	1			
WICKED -	1	7351Y	904 RN	17:47:18	1:17:18	1:25:31	2			
AMICUS	3	383	1064 RN	18:02:47	1:32:47	1:27:12	3			
RUBY	PROV	18	950 CN	17:55:19	1:25:19	1:29:48	4			
ALLEGRETTO	3	3551Y	994 CN	18:04:04	1:34:04	1:34:38	5			

RYA Race Result and YR2 Achieved Performance Spreadsheet

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

RYA Race Result and YR2 Achieved Performance Spreadsheet

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.