

## RYA Race Result and YR2 Achieved Performance Spreadsheet

Race	Date	Start time	SCT	Insert CN to exclude from SCT:	CN						
Spring Series 5 Druitt Challenge	18-Jun-17	17:30:00		Min boats contributing to SCT:	4						
Boat Name	Class	PY	H/cap	Finish	Elapsed	Laps	Corrected	Place	Achieved	YR2	SCT
		H/cap	status	time	time		time		performance %		input?
EXTROVERT	3	5994	980	CN	18:30:00	1:00:00	1:01:13	1			
ALLEGRETTO	3	3551Y	974	CN							
AMICUS	3	383	1043	RN							
BLU "V"	3	224	1000	CN							
BLUE MOON	1	8504R	831	RN							
BONNE AMIE	3		1008	CN							
CARUMBA	1	3561Y	820	CN							
CHIRON	3	cr1787	1038	RN							
CUMFRUMBUM	1	8933T	904	RN							
DIP SEA	3	8645T	1034	CN							
DOUGAL	3	6972	1015	RN							
FIDDLERS ELBOW	3	253	1000	CN							
FIFI	1	2725	929	CN							
GLASHEN	PROV	144	1236	CN							
HARMONY	PROV	217	1050	CN							
HAWKEYE	HAWK	19	946	RN							
HOBBYHAWK	HAWK	185	950	CN							
IANTHE	PROV	3	1214	CN							
IMAGIKATION	1	7727	895	RN							
JESTER	3 PROV	353	1054	RN							
KISSY WISSY	1	8759T	920	CN							
KITTIEWAKE	3	7675	1007	CN							
MERLIN	HAWK	64	950	RN							
MOONLIGHT	PROV	110	1103	CN							

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NIGHT HAWK	HAWK	35	950	RN
ODELLE	PROV	124	1091	CN
OUTFOXED	3	238	1172	CN
OWENS SONATA	3		1000	CN
PEARL	PROV	160	1043	CN
PER MARA	3	9991T	1015	RN
RESOLUTION	1	123	870	RN
RIVA	HAWK	301	948	CN
RONDO	1	554	900	CN
ROSENDA II	3	11	1138	RN
SAPPHIRE	PROV	564	1100	CN
SKYLARK	PROV	689	1069	CN
SMARTIE	PROV	57	985	CN
SWISS ROLL	3	9458T	1042	CN
TAKE 5	3	1021T	1075	CN
THUMPER	PROV	369	1158	CN
TIGGER 2	3		1134	CN
TOMAHAWK	HAWK	33	953	CN
TRINGA	3	253	1000	CN
WICKED	1	7351Y	900	CN
WOOLLEY KNICKERS	1	6537Y	898	RN

### 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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is defined as the corrected time achieved by the target group of boats, the peak of the distribution, and the RLE procedure allows for the 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.