RYA Race Result and YR2 Achieved Performance Spreadsheet

Race		Date		Start time		SCT		Insert CN to exclude from SCT:		CN
Evening Seies 5		30th June 2016		19:00:00		1:19:43		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?
MOONLIGHT	PROV	110	1103	CN	20:18:47	1:18:47		1:11:26	1	988	-10.4%		
TOMAHAWK HAWK	PROV	33	952	RN	20:12:44	1:12:44		1:16:24	2	912	-4.2%		yes
TRINGA	3	358	999	CN	20:16:38	1:16:38		1:16:43	3	961	-3.8%		
AMICUS	3	383	1043	RN	20:22:33	1:22:33		1:19:09	4	1036	-0.7%		yes
WOOLLEY KNICKERS	1	6537Y	898	RN	20:11:22	1:11:22		1:19:28	5	895	-0.3%		yes
MERLIN HAWK	PROV	64	950	RN	20:16:42	1:16:42		1:20:44	6	962	1.3%		yes
BONNE AMIE	PROV		1008	RN	20:21:28	1:21:28		1:20:49	7	1022	1.4%		yes
IMAGIKATION	1	7727	895	RN	20:13:07	1:13:07		1:21:42	8	917	2.5%		yes
NIGHT HAWK	PROV	35	950	RN	D N F								
ALLEGRETTO	3	3551Y	974	CN									
BIMBO	3	69	1015	CN									
BLUE 5	PROV	224	1010										
BLUE MOON	1	8504R	831	RN									
CARUMBA	1	3561Y	820	RN									
CHIRON	3	cr1787	1038	RN									
CUMFRUMBRUM	1	8933T	904	RN									
Date Handicaps last updated> 41487.9941													
DIP SEA	3	8645T	1034	CN									
DOUGAL	3	6972	1015	RN									
EXTROVERT	3	7675	980	CN									
FIDDLERS ELBOW	3	253	1002	RN									
FiFi	1	2725	929	RN									
FREEBIRD	PROV	646											
GLASHEN	PROV	144	1236	CN									

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HARMONY		PROV	217	1050	CN
HAWKEYE	HAWK	PROV	19		RN
HOBBYHAWK	HAWK	PROV	185	950	CN
IANTHE		PROV	3	1214	CN
KISSY WISSY		1	8759T	920	CN
KITTIWAKE		3 PROV	7675	1077	CN
MEMINI		3 PROV	9991T	988	
ODELLE		PROV	124	1091	CN
OMEGA		3	156	1009	CN
OUTFOXED		3	238	1172	CN
OWEN'S J		1	4236	803	RN
PEARL		PROV	160	1043	CN
RESOLUTION		1	123	870	RN
RIVA	HAWK	PROV	301	948	RN
RONDO		1	554	900	CN
ROSENDA II		3	11	1138	RN
SKYLARK		PROV	689	1069	CN
SMARTIE		PROV	57		
SWISS ROLL		3	9458T	1042	CN
TABBY II		3	3550	942	RN
TAKE 5		3	1021T	1075	CN
THUMPER		PROV	369	1158	CN
TIGGER 2		3	Etap 22I	1134	CN
WICKED			7351Y	900	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

is defined as the corrected time achieved by the largest group of boats, the positive 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.