

RYA Race Result and YR2 Achieved Performance Spreadsheet

Race		Date		Start time		SCT		Insert CN to exclude from SCT:		CN		
Easter 4 Handicap /Class 3		13-Apr-09		12:00:00		1:38:09		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?
WOOLLEY KNICKERS	1	6537Y	888	RN	13:23:59	1:23:59		1:34:35	1	856	-3.6%	yes
IMAGIKATION	1	7727	918	RN	13:30:32	1:30:32		1:38:37	2	922	0.5%	yes
KERCHING	1	9091T	868	RN	13:25:44	1:25:44		1:38:46	3	873	0.6%	yes
WILFUL	1	7351Y	963	RN	13:35:08	1:35:08		1:38:47	4	969	0.6%	yes
KOTICK	3	139	1020	CN	13:41:53	1:41:53		1:39:53	5	1038	1.8%	
BLUE MOON	1	50	819	RN	13:21:56	1:21:56		1:40:02	6	835	1.9%	yes
MERLIN	PROV	64	990	CN	13:40:53	1:40:53		1:41:54	7	1028	3.8%	
TAKE 5	3		1116	CN	13:54:48	1:54:48		1:42:52	8	1170	4.8%	
CYGNUS	3	30	1061	CN	13:51:31	1:51:31		1:45:06	9	1136	7.1%	XX
KISSY WISSY	1	8759T	906	CN	13:35:34	1:35:34		1:45:29	10	974	7.5%	XX
CRACKERJACK	3	499	1074	CN	13:58:46	1:58:46		1:50:35	11	1210	12.7%	XX
PEREGRINE	3	004	1158	CN	14:09:57	2:09:57		1:52:13	12	1324	14.3%	XX
SUMITRA	3	1222	1222	CN	14:17:51	2:17:51		1:52:48	13	1404	14.9%	XX
SEA ANGEL	1	9050T	973	RN	13:51:52	1:51:52		1:54:58	14	1140	17.1%	XX
BIG TEAU	1	654	968	CN	13:52:14	1:52:14		1:55:57	15	1143	18.1%	XX
EMERILLON	1	7956T	990	RN	13:58:35	1:58:35		1:59:47	16	1208	22.0%	XX

Class 3 Winner : Kotick

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.