

RYA Race Result and YR2 Achieved Performance Spreadsheet

Race		Date		Start time			SCT		Insert CN to exclude from SCT:		CN	
Kedge Trophy		04-May-08		09:06:23			1:28:04		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?
NAOMI		25	1034	RN	10:35:50	1:29:27	1	1:26:31	1	1016	-1.8%	yes
CYGNUS		30	1055	RN	10:39:52	1:33:29	1	1:28:37	2	1062	0.6%	yes
SEA ANGEL		9050T	968	RN	10:32:36	1:26:13	1	1:29:04	3	979	1.1%	yes
CHIRON		cr1787	1082	CN	10:43:43	1:37:20	1	1:29:57	4	1105	2.1%	
BIG TEAU		654	951	CN	10:33:45	1:27:22	1	1:31:52	5	992	4.3%	
JESSIE MAE		8189	816	CN	10:22:38	1:16:15	1	1:33:27	6	866	6.1%	Poor
COLLABORATION		9627R	873	CN	10:29:32	1:23:09	1	1:35:15	7	944	8.2%	Poor
TANGO		29475	862	CN	10:29:32	1:23:09	1	1:36:28	8	944	9.5%	Poor
CUMFRMBRUM		6037T	850	RN	10:29:22	1:22:59	1	1:37:38	9	942	10.9%	Poor
ANGEL ?	PROV	1349	850	CN	10:30:28	1:24:05	1	1:38:55	10	955	12.3%	Poor
BLUE MOON		50	822	RN	10:28:18	1:21:55	1	1:39:39	11	930	13.2%	Poor
KISSY WISSY		8759T	906	RN	DNS							

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.