RYA Race Result and YR2 Achieved Performance Spreadsheet

Race		Date								
Round the Shingles		18-Jul-10								
Boat Name	**Class**	**Sail No.**	**PY H/cap**	**H/cap status**	**Start Time**	**Finish time**	**Elapsed time**	**Laps**	**Corrected time**	**Place**
BIG TEAU	1	654	958	CN	14:48:17	17:27:32	2:39:15		2:46:14	**1**
CUMFRUMBRUM	1	6037T	854	RN	14:54:09	17:26:30	2:32:21		2:58:24	**2**
IMAGIKATION	1	7727	902	RN	14:39:40	17:22:30	2:42:50		3:00:31	**3**
ROSENDA II	3	11	1134	RTD						
TAKE 5	3	1021T	1071	RTD						

WINNER: BIG TEAU

RN		RTD			
CN		RTD	#REF!	####	

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.