



WEST WITTERING SAILING CLUB

2011 Mid-Season Handicap Adjustments

In the light of representations received the Handicapping Committee reviewed the handicaps issued at the start of the 2011. The Handicapping Committee consists of Peter Woods, Warren Tayler, Ivan Western and John Gregory.

The committee decided to retain the policy of using the PY Numbers issued by the RYA at the start of each season. The numbers for the current year, taken from the RYA web site, are shown in Table 1. Table 2 shows a comparison between the RYA PY Numbers and the Club PY Numbers. That is the PY Number calculated using the method described below for classes not shown in the current RYA list. As can be seen the variation between the RYA and Club PY numbers are not significant enough to justify the club using its own number rather than the PY number which will have been calculated using a much greater number of results.

For classes not shown in the current RYA PY Number list a Club PY number is used and the numbers to be used for the remainder of the 2011 season are shown in Table 3. The Club PY number is calculated using the analysis facility within the HAL Race Result program. This uses a variant of the method described in the RYA YR2 document. The average corrected time for a race is calculated using the top two thirds of the finishers. Any boat finishing 5% slower than this time is excluded as a poor finisher and to be counted a race must have more than four good finishers. The average corrected time is then used as the "target time" to calculate the PY Number that each boat has sailed to. Over the season the average of these numbers is calculated by boat. The Club PY number for the class is then the average of all the annual results for each boat going back to the 2007 season. This has the effect of reducing the weight given, either good or bad, to a boat that turns out frequently. This is shown in Table 4.

The Club PY numbers issued at the start of 2011 took account of the Crew Skill Factor. This factor is described in the YR2 document but there is no clear method given for allocating it. The Handicapping Committee decided to restrict the use of this factor to the situation where there is only one boat within a class. Where there is more than one boat in a class the method described above of taking the average of all the boats in a class, assuming a spread of skills, removes the need for Crew Skill Factors. This factor takes account of the ability (or otherwise) of the crew and will only be used where there is evidence of the crews ability as proven when sailing other boats within the club and / or at open meetings.

The Club PY numbers issued at the start of the season for the boats in the Slow Class were given an adjustment to take account of the fact that they only occasionally do well in Pursuit Races. As this adjustment could not be supported by any real evidence the Handicapping Committee have decided to revert to using the calculated club numbers. The issue is that there are very few races, other than Pursuit Races which can't be used, where the two classes sail with each other. To try and rectify this situation OOD's will be asked to record finish times in future pursuit races thus enabling these races to be included in the calculation of Club PY Numbers.

July 2011.

WEST WITTERING SAILING CLUB

Table 1 – RYA PY Numbers for 2011

(Boats sailed in the club highlighted in yellow)

Class Name	No. of Crew	Rig	Spinnaker	Engine	Keel	Number	Status	Change	Notes
420	2	S	C		CB	1087	Recommended		
505	2	S	C		CB	902	Secondary		
29ER	2	S	A		CB	924	Recommended		
49ER	2	S	A		CB	740	Recommended	-4	
A CLASS*	1	U	0		M	681	Experimental		
ALBACORE	2	S	0		CB	1064	Primary	-1	
B14	2	S	A		CB	874	Recommended		
BLAZE	1	U	0		CB	1046	Secondary		
BRITISH MOTH	1	U	0		CB	1164	Recommended	-4	
BUZZ	2	S	A		CB	1003	Secondary	1	
BYTE	1	U	0		CB	1170	Recommended	5	
BYTE CII	1	U	0		CB	1140	Recommended		
CADET	2	S	C		CB	1432	Recommended		
CANOE INTERNATIONAL	1	S	A		CB	870	Recommended		
CANOE INTERNATIONAL	1	S	0		CB	905	Recommended		ONE DESIGN
CHALLENGER	1	U	0		M	1174	Secondary	-3	
CHERUB*	2	S	A		CB	941	Experimental		
COMET	1	U	0		CB	1179	Secondary	2	
COMET TRIO	2	S	A		CB	1085	Recommended		
CONTENDER	1	U	0		CB	993	Secondary		
DART 16	2	S	A		M	853	Recommended	3	
DART 18	2	S	0		M	800	Primary	2	
ENTERPRISE	2	S	0		CB	1117	Primary	1	
EUROPE	1	U	0		CB	1143	Recommended	3	
FINN	1	U	0		CB	1060	Secondary	-2	
FIREBALL	2	S	C		CB	980	Primary	-2	

WEST WITTERING SAILING CLUB

Class Name	No. of Crew	Rig	Spinnaker	Engine	Keel	Number	Status	Change	Notes
FIREFLY	2	S	0		CB	1168	Recommended	3	
FLYING FIFTEEN	2	S	C		K	1023	Primary	-2	
FORMULA 18	2	S	A		M	690	Recommended		
GP14	2	S	C		CB	1127	Primary		
GRADUATE	2	S	0		CB	1160	Secondary	-5	
HOBIE 16	2	S	0		M	805	Recommended	3	
HORNET	2	S	C		CB	979	Recommended	6	
HURRICANE 5.9	2	S	A		M	689	Recommended	2	SX CONFIGURATION
INTERNATIONAL 14*	2	S	A		CB	825	Experimental		
ISO	2	S	A		CB	926	Recommended		
J 80		S	A	OB	K	876	Secondary		
J24		S	C	OB	K	935	Secondary		
JAVELIN	2	S	C		CB	926	Recommended		
K1	1	S	0		K	1060	Experimental		
KESTREL	2	S	C		CB	1040	Recommended	2	
LARK	2	S	C		CB	1073	Secondary		
LASER	1	U	0		CB	1082	Primary	2	
LASER 2000	2	S	A		CB	1090	Primary		
LASER 3000	2	S	A		CB	1032	Recommended		
LASER 4.7	1	U	0		CB	1175	Secondary		
LASER 4000	2	S	A		CB	911	Recommended	3	
LASER 5000	2	S	A		CB	846	Recommended		
LASER EPS	1	U	0		CB	1020	Recommended		
LASER II	2	S	C		CB	1035	Recommended		
LASER PICO RACE	1	U	0		CB	1260	Recommended		
LASER PICO RACE	2	S	0		CB	1265	Recommended		
LASER RADIAL	1	U	0		CB	1106	Primary	2	
LASER STRATOS	2	S	A		CB	1089	Recommended	2	

WEST WITTERING SAILING CLUB

Class Name	No. of Crew	Rig	Spinnaker	Engine	Keel	Number	Status	Change	Notes
LASER VAGO XD	2	S	A		CB	1064	Recommended	-2	
LASER VORTEX	1	U	A		CB	937	Recommended		
LIGHTNING 368	1	U	0		CB	1152	Secondary		
MERLIN-ROCKET*	2	S	C		CB	1006	Secondary		
MIRACLE	2	S	C		CB	1190	Recommended	5	
MIRROR	2	S	C		CB	1385	Secondary		
MOTH INTERNATIONAL *	1	U	0		CB	650	Experimental		FOILING
MUSTO SKIFF	1	U	A		CB	860	Recommended	-15	
NATIONAL 12*	2	S	0		CB	1087	Secondary	-2	
OK	1	U	0		CB	1109	Secondary		
OPTIMIST	1	U	0		CB	1646	Recommended		
OSPREY	2	S	C		CB	940	Secondary		
PHANTOM	1	U	0		CB	1030	Secondary	-5	
ROOSTER 8.1	1	U	0		CB	1052	Recommended	-1	
RS 100	1	U	A		CB	998	Experimental		
RS 200	2	S	A		CB	1057	Primary		
RS 300	1	U	0		CB	1000	Secondary		
RS 400	2	S	A		CB	949	Primary	-1	
RS 500	2	S	A		CB	972	Recommended		
RS 600	1	U	0		CB	920	Secondary		
RS 700	1	U	A		CB	858	Secondary	1	
RS 800	2	S	A		CB	822	Secondary		
RS FEVA XL	2	S	A		CB	1200	Recommended		
RS K6	2	S	A		K	903	Secondary		
RS TERA SPORT	1	U	0		CB	1459	Recommended		
RS VAREO	1	U	A		CB	1038	Secondary		
RS VISION	2	S	A		CB	1085	Recommended	2	
SCORPION	2	S	C		CB	1053	Secondary	-2	

WEST WITTERING SAILING CLUB

Class Name	No. of Crew	Rig	Spinnaker	Engine	Keel	Number	Status	Change	Notes
SOLO	1	U	0		CB	1153	Primary	-2	
SOLUTION	1	U	0		CB	1074	Recommended	3	
SPITFIRE	2	S	A		M	712	Secondary		
SPRINT 15	1	U	0		M	917	Secondary		FORMERLY DART 15
SPRINT 15 SPORT	1	S	0		M	886	Primary	3	FORMERLY DART 15
SQUIB	2	S	C		K	1119	Primary	5	
STREAKER	1	U	0		CB	1162	Primary		
SUPERNOVA	1	U	0		CB	1065	Primary	2	
TASAR	2	S	0		CB	1023	Secondary		
TEMPEST	2	S	C		K	942	Secondary		
TOPAZ UNO	1	U	0		CB	1218	Recommended		
TOPPER	1	U	0		CB	1297	Secondary	2	
TOPPER XENON	2	S	A		CB	1070	Recommended		
TORNADO	2	S	A		M	644	Recommended	1	
WANDERER	2	S	C		CB	1140	Recommended	1	
WAYFARER	2	S	C		CB	1101	Secondary		

WEST WITTERING SAILING CLUB

Table 2 – Comparison between RYA and Club PY Numbers

Type	2007	2008	2009	2010	2011	WWSC PY Number	RYA PY Number	Variation (-ve faster)
420		1106	1034	1129		1090	1087	0.28%
ENTERPRISE	1106	1124	1165			1132	1117	1.34%
LASER	1096	1082	1089	1092	1085	1090	1082	0.74%
LASER 2000	1103	1095	1097	1087	1112	1095	1090	0.46%
LASER 4.7			1196	1132	1187	1176	1175	0.09%
LASER RADIAL	1123	1121	1121	1117		1122	1106	1.45%
LASER VAGO XD		1058	1075	1092		1075	1064	1.03%
LIGHTNING 368	1167	1185	1000			1117	1152	-3.04%
MIRROR	1413	1376	1363	1433		1396	1385	0.79%
OK					1143	1143	1109	3.07%
RS 800	892	838	826			848	822	3.16%
SOLO	1154	1149	1133	1167		1151	1153	-0.17%
SUPERNOVA	1081	1081	1062	1060	1058	1070	1065	0.47%
TOPPER	1306		1282	1299		1296	1297	-0.08%

WEST WITTERING SAILING CLUB

Table 3 – Club PY Numbers for Remainder of 2011 Season

Class	WWSC Class	WWSC PY for 2011 (Start)	WWSC PY for 2011 (Mid-Season)	Change	Comment
AVON SCOW	Slow	1500	1460	-40	Remove Pursuit Race Adjustment –see above.
CHICHESTER SCOW	Slow	1500	1482	-18	Remove Pursuit Race Adjustment –see above
COBLE	Slow	1430	1374	-56	Remove Pursuit Race Adjustment –see above
DEVON YAWL	Fast	1170	1157	-13	Remove Skill Factor
FLYING DUTCHMAN	Fast	872	872	0	No change to skill factor
GULL	Slow	1360	1330	-30	Remove Pursuit Race Adjustment –see above
KEYHAVEN SCOW	Slow	1580	1547	-33	Remove Pursuit Race Adjustment –see above
LASER STRATOS KEEL	Fast	1100	1095	-5	
LYMINGTON RIVER SCOW	Slow	1475	1461	-14	Remove Pursuit Race Adjustment –see above
SUPERNOVA LT	Fast	1123	1110	-13	
VAGABOND	Slow	1275	1265	-10	Remove Pursuit Race Adjustment –see above

WEST WITTERING SAILING CLUB

Table 4 – WWSC PY Number Analysis by Boat and Year

Average of Average Handicap good performances			Year					Grand Total
Type	Sail No	Owner	2007	2008	2009	2010	2011	
420	465			1106	1034	1129		1090
420 Total				1106	1034	1129		1090
AVON SCOW	107	Mr. & Mrs. J. Price	1454	1466				1460
AVON SCOW Total			1454	1466				1460
CHICHESTER SCOW	31	Miss L. Duff	1472	1485	1482	1509		1487
	40	Mr. & Mrs. R. Mavity	1415	1466	1475	1504		1465
	55	Mr & Mrs N Haigh	1486	1453	1511			1483
	59	Mrs. W. Jones				1524		1524
CHICHESTER SCOW Total			1458	1468	1489	1512		1482
COBLE	206	Mr & Mrs D.F. Swayne			1300	1439		1370
	292	Mr & Mrs I. Worley				1383		1383
COBLE Total					1300	1411		1374
DEVON YAWL	311	Mr. & Mrs. D.G. Toms	1197			1189		1193
	334	Mr. & Mrs. J.A. Coyle	1163	1151	1105	1151	1192	1152
	362	Mr. R. Fetzer	1193		1162			1178
	366	Mr & Mrs R B Bird	1184	1168	1154	1142		1162
	371	Mr & Mrs. J. Carnegie	1169	1146	1146	1142	1133	1146
	373	Mr. & Mrs. J.G.C. Gregory	1163	1132	1138	1154	1149	1147
	378	Mr & Mrs M Jarman			1158	1164		1161
DEVON YAWL Total			1178	1149	1144	1155	1158	1157
ENTERPRISE	454	Mr & Mrs R B Bird	1106	1124	1165			1132
ENTERPRISE Total			1106	1124	1165			1132

WEST WITTERING SAILING CLUB

Average of Average Handicap good performances			Year					Grand Total
Type	Sail No	Owner	2007	2008	2009	2010	2011	
FLYING DUTCHMAN	360	Mr. & Mrs. A.W.J. Pitt	880	845				863
	363	Mr. & Mrs. K.S. Martin	850	819	842	859	841	842
FLYING DUTCHMAN Total			865	832	842	859	841	848
GULL	1791	Mr & Mrs T Richardson	1359		1349	1282		1330
GULL Total			1359		1349	1282		1330
KEYHAVEN SCOW	114	Mr. & Mrs. R.L. Goldsmith		1562	1598			1580
	216	Mr & Mrs R W Oppe			1551	1499		1525
	709	Mr & Mrs D Melville	1572	1523	1552	1520		1542
KEYHAVEN SCOW Total			1572	1543	1567	1510		1547
LASER	43		1112			1063		1088
	10006	Mr. & Mrs. T. Gatacre			1119			1119
	104894	Mr. I.M. Western			1090	1102		1096
	120497	Mr & Mrs R Rolls	1121	1111				1116
	123975	Mr & Mrs A Martin			1070	1072		1071
	140946	Mr & Mrs G Pettit	1079	1056			1077	1071
	143574	Mr & Mrs J W Tayler	1065					1065
	146114	Mr. A Swayne	1100					1100
	151243	Mr. I.M. Western				1102	1089	1096
	167585	Mr. & Mrs. B.R. Russell		1040	1060	1076	1063	1060
	169041	Mr & Mrs J Worraker	1098	1080	1104	1124	1109	1103
	169832	Mr & Mrs M Lynch	1099			1105		1102
	40552			1099				1099
	144629			1074				1074

WEST WITTERING SAILING CLUB

Average of Average Handicap good performances			Year					Grand Total
Type	Sail No	Owner	2007	2008	2009	2010	2011	
	172286			1090				1090
	27081		1076	1105				1091
	123575	Mr & Mrs A. Cope		1081				1081
	179275		1114					1114
	180369	Mr & Mrs M Osborne	1094					1094
	150516	Mr & Mrs S A Colwell	1141					1141
	164601		1149					1149
	42092		1106					1106
	185730		1009					1009
133235		1075					1075	
LASER Total			1096	1082	1089	1092	1085	1090
LASER 2000	2034	Mr. & Mrs. P.R. Woods	1123	1101	1123	1121		1117
	2751	Dr. C.D. Benham				1076		1076
	2765	Mr & Mrs N C Hall	1115	1111	1115	1095		1109
	2804	Mr. & Mrs. A. Gillon		1117		1124		1121
	21130	Mr & Mrs W Ellsworth-Jones	1088	1039	1040	1018		1046
	21402	Mr. D.J. Western				1070		1070
	21542	Mr & Mrs P.G.M. Pattinson	1087	1108	1106	1107		1102
	21648	Mr & Mrs S Marks					1112	1112
	22253	Mr & Mrs P Kite			1101			1101
LASER 2000 Total			1103	1095	1097	1087	1112	1095
LASER 4.7	4				1196			1196

WEST WITTERING SAILING CLUB

Average of Average Handicap good performances			Year					Grand Total
Type	Sail No	Owner	2007	2008	2009	2010	2011	
	8	Mr & Mrs S Marks				1132	1198	1165
	183547	Mr. D.J. Western					1176	1176
LASER 4.7 Total					1196	1132	1187	1176
LASER RADIAL	8	Mr & Mrs S Marks	1146	1129	1093			1123
	10				1143			1143
	17665	Mr & Mrs S Marks	1134	1103	1112			1116
	120497	Mr & Mrs R Rolls		1123	1135			1129
	143574	Mr & Mrs J W Tayler	1127	1136	1097	1117		1119
	146114	Mr. A Swayne			1130			1130
	151133	Mr. & Mrs. T. Gatacre			1125			1125
	160648	Mr. J. Morris	1121	1121	1118			1119
	183547	Mr. D.J. Western			1138			1138
	40552		1113					1113
	84855			1102				1102
	27033		1114	1130				1122
	186247		1085					1085
	180664		1122					1122
	171355		1137					1137
	178744		1138					1138
42092		1121					1121	
LASER RADIAL Total			1123	1121	1121	1117		1122
LASER STRATOS KEEL	892	Mr. & Mrs. A.A. Woods	1088		1082	1115		1095
LASER STRATOS KEEL Total			1088		1082	1115		1095

WEST WITTERING SAILING CLUB

Average of Average Handicap good performances			Year					Grand Total
Type	Sail No	Owner	2007	2008	2009	2010	2011	
LASER VAGO XD	575	Mr. I.M. Western		1058	1075	1092		1075
LASER VAGO XD Total				1058	1075	1092		1075
LIGHTNING 368	277	Ms K McKerchar	1167	1185	1000			1117
LIGHTNING 368 Total			1167	1185	1000			1117
LYMINGTON RIVER SCOW	280	Lesley Duff					1516	1516
	294	Mr & Mrs N. Bennett				1460		1460
	448	Mr. & Mrs. B.R. Russell		1491		1373		1432
	453	Mr & Mrs R.F. Smith		1439	1425	1488		1451
	474	Mr. & Mrs. R. Mavity				1474	1489	1482
	476	Mr. & Mrs. S Hammett				1455		1455
LYMINGTON RIVER SCOW Total				1465	1425	1450	1503	1461
MIRROR	954	Mr & Mrs G. Russell				1433		1433
	69382				1363			1363
	51613	Mr & Mrs G Pettit		1376				1376
	34397		1413					1413
MIRROR Total			1413	1376	1363	1433		1396
OK	2115	Mr. Andrew Martin					1143	1143
OK Total							1143	1143
RS 800	869	Mr. & Mrs. A.W.J. Pitt	892	888	826			869
	1143	Mr. & Mrs. A.A. Woods		787				787
RS 800 Total			892	838	826			848
SOLO	4480	Mr. R.P. Ray	1172	1149	1133	1167		1155
	3203		1135					1135

WEST WITTERING SAILING CLUB

Average of Average Handicap good performances			Year					Grand Total
Type	Sail No	Owner	2007	2008	2009	2010	2011	
SOLO Total			1154	1149	1133	1167		1151
SUPERNOVA	410	Mr & Mrs D.F. Swayne	1074	1075	1055	1077	1040	1064
	448	Mr. & Mrs. B.R. Russell	1090	1069	1069	1062	1075	1073
	625	Mr. & Mrs. P. Walker		1099		1040		1070
	493	Mr. & Mrs. J. Price	1080					1080
SUPERNOVA Total			1081	1081	1062	1060	1058	1070
SUPERNOVA LT	410	Mr & Mrs D.F. Swayne		1121	1098			1110
SUPERNOVA LT Total				1121	1098			1110
TOPAZ TES	6218					1162		1162
TOPAZ TES Total						1162		1162
TOPPER	2				1354			1354
	3114	Mr & Mrs M Wildsmith			1350			1350
	12910	Mr & Mrs M Bonar			1266	1354		1310
	15520	Drs H & K Cook				1266		1266
	26910	Mr. & Mrs. P.H.S. Russell	1244		1241			1243
	32652	Mr. & Mrs. J. Hall			1322			1322
	35538	Mr. & Mrs. P.H.S. Russell	1334					1334
	41743	Mr. & Mrs. B.R. Russell			1217			1217
	43289	Mr. & Mrs. M.W. Penney	1304		1226			1265
	44230	Miss L. Duff	1314			1258		1286
	44644	Mr. D.J. Western				1316		1316
	13657		1315					1315
	32362		1304					1304

WEST WITTERING SAILING CLUB

Average of Average Handicap good performances			Year					Grand Total
Type	Sail No	Owner	2007	2008	2009	2010	2011	
	35315	Mrs N Town	1315					1315
	20540	Mr. & Mrs. T. Gatacre	1315					1315
	37344		1311					1311
TOPPER Total			1306		1282	1299		1296
VAGABOND	472	Col. & Mrs D Beveridge	1278		1246	1270		1265
VAGABOND Total			1278		1246	1270		1265
WANDERER	1309	Mr & Mrs R Nowak			1000			1000
WANDERER Total					1000			1000
WOODEN SCOW	239	Mr. I.M. Western			1551			1551
WOODEN SCOW Total					1551			1551