

pursuit race start times 2011

	PY	Ratio	Race Duration	Time Diff	Start time
CADET	1432	1.00	120.0	0	1200
MIRROR	1385	0.97	116.1	4	1204
LASER PICO RACE	1305	0.91	109.4	11	1211
TOPPER	1297	0.91	108.7	11	1211
RS FEVA XL	1200	0.84	100.6	19	1219
Sandhopper	1197	0.84	100.3	20	1220
LASER 4.7	1175	0.82	98.5	22	1222
SOLO	1153	0.81	96.6	23	1223
LIGHTNING 368	1152	0.80	96.5	23	1223
LASER RADIAL	1106	0.77	92.7	27	1227
LASER 2000	1090	0.76	91.3	29	1229
NATIONAL 12	1087	0.76	91.1	29	1229
RS VISION	1085	0.76	90.9	29	1229
LASER	1082	0.76	90.7	29	1229
ALBACORE	1065	0.74	89.2	31	1231
LASER VAGO XD	1064	0.74	89.2	31	1231
FINN	1060	0.74	88.8	31	1231
RS 200	1057	0.74	88.6	31	1231
LASER 3000	1032	0.72	86.5	34	1234
LIMBO 6.6	1030	0.72	86.3	34	1234
PHANTOM	1030	0.72	86.3	34	1234
MERLIN-ROCKET	1006	0.70	84.3	36	1236
HOBIE TWIXXY	1000	0.70	83.8	36	1236
CONTENDER	993	0.69	83.2	37	1237
FIREBALL	980	0.68	82.1	38	1238
HORNET	979	0.68	82.0	38	1238
RS 500	972	0.68	81.5	39	1239
D one	971	0.68	81.4	39	1239
RS 400	949	0.66	79.5	40	1240
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29ER	924	0.65	77.4	43	1243
SPRINT 15	917	0.64	76.8	43	1243
HOBIE 15 Single Sail no Trap	910	0.64	76.3	44	1244
RS K6	903	0.63	75.7	44	1244
505	902	0.63	75.6	44	1244
B14	874	0.61	73.2	47	1247
MUSTO SKIFF	860	0.60	72.1	48	1248
TOPAZ 14 XTREME	858	0.60	71.9	48	1248
DART 16	853	0.60	71.5	49	1249
PRINDLE 16	818	0.57	68.5	51	1251
HOBIE 16	805	0.56	67.5	53	1253
DART 18	800	0.56	67.0	53	1253
49ER old spec	740	0.52	62.0	58	1258
49ER new spec	736	0.51	61.7	58	1258
SPITFIRE	712	0.50	59.7	60	1300
HURRICANE 5.9 SX	698	0.49	58.5	62	1302
NACRA F18	689	0.48	57.7	62	1302
A CLASS	681	0.48	57.1	63	1303

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NACRA F20	656	0.46	55.0	65	1305
MOTH INTERNATIONAL	650	0.45	54.5	66	1306
TORNADO	644	0.45	54.0	66	1306

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STARTING TIMES

Starting times are calculated for a particular race duration (RD).

If 1.5 hours (90 minutes) is chosen as the RD related to boat X with a PN of 1200 then the expected RD for boat Y with a PN of 1000 would be 75 minutes and for boat Z with a PN of 1400, 105 minutes. These times are simple ratios i.e. $1200/90 = 1000/75 = 1400/105$.

Boat Ys start time would be $75-90 = -15$ minutes i.e. 15 minutes after boat X.

Boat Zs start time would be $105-90 = +15$ minutes i.e. 15 minutes before boat X.

slowest race duration	120 minutes
slowest class py	1432
Start time	1200
Slowest duration/py	11.93333333

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