



***North Point Sailing Association
Racing Instructions for 2004***

1. Rules

All rules will be governed by the 2001-2004 ISAF Racing Rules, except as modified by these instructions.

A) All classes:

- 1) All boats will sail under PHRF ratings as determined by the Race Committee Chairman.
- 2) There will be a penalty for oversized headsails.
- 3) Use of double headsails is permitted for white and blue class. Single headsail is permitted for yellow class.
- 4) Captains are required to notify the Race Committee of any modifications to their boat, sails or equipment that affects their PHRF rating.
- 5) All boats are required to sail under U. S. Coast Guard regulations (which includes the proper and timely use of running, steaming and anchor lights).
- 6) It is the responsibility of each skipper and crew to understand and comply with the ISAF Racing Rules and the rules in the NPSA 2004 Racing Instructions.

B) Non- Spinnaker Classes:

- 1) Spinnakers are not permitted in the Non-Spinnaker Classes.
- 2) A spinnaker (or cruising spinnaker) with hanks along a luff is still a spinnaker, and not permitted.
- 3) A drifter may be used for either a first or second headsail as long as it has hanks along the luff.
- 4) Only one whisker pole may be deployed at a time. If it is telescoping it must not be extended beyond the "J" value of the boat. The "J" value is the distance from the base of the mast to the forestay tack.

C) Weather

- 1) Sustained winds greater than 20 knots 45 minutes before first gun will cause postponement or cancellation of a race.
- 2) Cancellation or postponement of a race is at the sole discretion of the race committee chairperson or designee. Factors that may cause postponement or cancellation include, but are not limited to safety.

D) Final Decision:

- 1) All decisions of the Race Committee Chairman and the NPSA Officers are final.

2. Membership:

- A) Skippers are required to be NPSA members in good standing. Membership forms are available from Will White, 7419 Bay Front Rd, Edgemere, MD 21219, Phone #: (410) 477-6915

B) Fees

- 1) Skippers – \$25 for any or all races. One boat and One Captain
- 2) Crew – \$15 for any or all races.

- C) Each captain and any crew member that plans to assume the helm during a race must complete a racing rules quiz. The quiz will be given at the April club meeting (first Wednesday in April) after the rules seminar.
 - 1) Those that attended the UK Sail sponsored rules seminar are exempt from this requirement.
 - 2) If a captain cannot make the rules meeting, it is his/her responsibility to arrange a make-up quiz with the Race Committee Chairman.

3. Notices to Competitors:

- A) Notices to competitors will be posted on the "Official Club Bulletin Boards" located at Young's Boat Yard, Brian's Old Bay Marina and at the Avenue Tap.

4. Changes in Sailing Instructions:

- A) Any change(s) in the sailing instructions will be posted on the three "Official Club Bulletin Boards" before 5:00 p.m. on the day before they take effect.

5. Racing Classes:

- A) Competitors will be grouped into classes based upon registration and experience.
 - 1) All classes will race in the same racing area.
 - 2) Class flags will be issued by the Race Committee.
- B) All boats must display the applicable class flag on both the bow and stern during a race.
- C) Classes
 - 1) Spinnaker
 - a. Shall display white flag
 - 2) Non-Spinnaker
 - a. Shall display a blue flag
 - 3) Cruising
 - a. Shall display a yellow flag
 - b. Shall only fly one headsail at any given time
 - c. Headsail cannot be poled out. Headsail may be help out by hand. (This rule is to promote racing with short-handed crew.)
 - d. Class will be limited to novice skippers and crew and those skippers who chose to outfit their boats in a cruising-like manner.
 - e. Cruising like manner may be defined as but not limited to:
 - i. Rollerfurling drum mounted above deck.
 - ii. Fixed Prop.
 - iii. Anchor attached to bow roller during racing.
 - iv. Small crew size when compared to the length of the boat.
 - v. Hanked on jibs.
 - vi. Sail material that is chosen for its longevity and not its performance.
 - vii. All interior amenities are intact and are in working order.
 - viii. Dodgers and/or biminies attached and used during racing.

6. Schedule of Races:

- A) There will be 24 races scheduled for each class.
- B) There will be 3 series of 8 races each.
- C) All races are scheduled on Wednesday evening.
 - 1) Tune-up Race April 14th
 - 2) Spring Series April 21st to June 9th
 - 3) Summer Series June 16th to August 4th
 - 4) Fall Series August 11th to September 29th
- C) The classes will rendezvous at the Committee Boat in Old Road Bay on the night of each event. The warning signal each Wednesday will be at 6:30 p.m. DST.

7. Racing Area:

- A) The intended racing area is the area generally encompassing Old Road Bay, portions of the Patapsco River and the Chesapeake Bay.

8. Marks:

- A) The marks will consist of the existing government buoys and day markers located in the racing area as defined in the mark descriptions located in Appendix A of this document. NPSA will use the marks listed in Appendix A for all Wednesday Night races.

9. Courses:

- A) The courses will be set as described in Appendix B of this document. Courses will be indicated by posting a white banner with black letters on the lifelines or pulpits of the race committee boat.
- B) Old Road Bay Lighted Spar 2 (ORB2 - Sunken Island Light) is considered a continuing obstruction as is JAS Point. During a race these obstructions must be passed on the proper side. Never cross between this mark and the closest shore.
- C) Courses on meeting/social night will be short enough to allow most racers to finish within one hour of the start.

10. The Start:

- A) See Appendix C, "Start Sequence"
- B) The starting line is defined as a line drawn between an orange flag on the lifeline or pulpit of the committee boat and the nearby government mark. The starting buoy will be designated by posting either a green banner with an even number or a red banner with an odd number on the lifeline or pulpit adjacent to the course flag. Most starts will be at or near Penwood channel buoys PW3 (C"3"), PW5 (C"5"), PW7 (C"7"), PW6 (N"6"), PW8 (N"8"), or Iron Ore Pier Channel OP4 (N"4").
- C) All boats are asked to check in with the committee boat before the Start of the Race. This should be accomplished by sailing close by and both parties acknowledging with a wave.

- D) After the warning signal all boats are strongly requested to stay off the radio unless contacted by the Committee Boat, are withdrawing or are identifying yourself at the finish of a race.
- E) A boat whose preparatory signal has not been made must keep clear of the starting area and of all boats whose preparatory signal has been made. Any boat repeatedly failing to keep clear of the starting area will be warned of a possible disqualification. The only time a boat may be in the starting area is before the first preparatory signal (Blue Shape Up) and during the 5-minute preparatory period for its class.
- F) The starting area is defined as a rectangular area 5 boat lengths out from each pin parallel to the starting line and 10 boat lengths perpendicular to the start line.
- G) A boat must have its engine off five minutes before its start. A boat entering Old Road Bay with intent to race, but is more than ten minutes late for its start (upon entering the starting area), may use its engine to reach the starting area. Such a boat shall have its engine off before entering the starting area defined in paragraph 10F.

11. Recalls:

- A) The Race Committee will attempt to notify premature starts by VHF radio channel 68, voice hailer, etc.
- B) A general recall will be signaled by many short blasts on a horn and raising the red and white striped postponement pennant (AP).
- C) When a general recall has been signaled, a new race will start with a blue preparatory shape signaling five minutes to the first start. All other classes will start with the regular 5-minute sequences.

12. Shortening Course:

- A) The Race Committee may shorten the course at any race mark.
- B) The Committee Boat will position itself at the new mark to establish a finish line. The Committee Boat will also raise the plain blue flag and the "S" flag (blue square on a white background). No other notification, VHF or otherwise, will be given.
- C) A boat shall finish between the Race Committee Boat and the nearby mark.

13. Abandonment:

- A) The sound signal to abandon all races shall be many long horn blasts from the Committee Boat, the Commodore's boat and/or the Race Committee Chairman's boat.
- B) The N abandonment flag (blue & white checks) will be flown from the Committee boat over the "A" flag (blue and white striped swallow tail).
- C) The Committee Boat will broadcast race abandonment to the fleet by VHF radio channel 68.

14. Postponement:

- A) Announcements concerning delays or abandonment due to dangerous weather conditions or other factors will be made by VHF channel 68 on the quarter hour beginning at 5:45 pm.

- B) Postponements will be made on 15-minute increments until 6:45. At that time the race committee chairperson or designee has the option to cancel the race. The N abandonment flag (blue & white checks) will be flown from the Committee boat over the "A" flag (blue and white stripped swallow tail). The Committee Boat will broadcast race abandonment to the fleet by VHF radio channel 68.
- C) In the event of a postponement or delay before or during the starting sequence an AP flag (red and white stripes) will be flown.
- D) All races not started are postponed.
- E) Postponed races will start with a blue preparatory shape signaling five minutes to the start of the next class. The sequence will progress as regularly scheduled.

15. The Finish:

- A) The finish line will be between the Race Committee Boat and the nearby government mark.
- B) Finish Line
 - 1) After dark, all boats finishing are required to identify themselves to the Committee Boat as they are about to finish. Boats may do so by illuminating their sail numbers, using verbal contact, or making contact via VHF channel 68.
 - 2) If the Committee Boat has left the finish line, a racing boat shall take its own time (elapsed and GPS time if available) when the finish mark appears within one boat length and abeam. If possible, note any boats finishing ahead or behind. Report your time to the Race Committee.
 - 3) Upon finishing a race, a boat shall stay clear of the finish line. It is preferred that business with the Committee Boat be conducted at the dock or if necessary, on the off course side of the Race Committee Boat.

16. Time Limit:

- A) At least one boat from each class must reach the finish line within two hours of the start of the race. Otherwise the race shall be abandoned for the class in question.

17. Withdrawal:

- A) Any competitor that "posts" in the starting area and /or starts the race and subsequently withdraws is required to notify the Committee Boat at the earliest possible moment. This may be done by VHF radio channel 68 as a courtesy to the Committee Boat who may otherwise assemble a search party.

18. Scoring:

- A) Scoring for a Race will use the below formula:

$$\left(\frac{\text{Number of Boats In a Race} - \text{Placement In a Race} + 0.8}{\text{Number of Boats in a Race}} \right) * 0.9 + 0.1$$

- B) Scoring for a Series will use the below formula:

$$N + \left(\frac{\text{Sum of Individual Race Scores} - \text{Lowest Race Score(s) In a Series}}{\text{Number of Races In a Series} - N} \right) - \text{Number of Throwout(s)}$$

N = Number of Races a Boat Competes in During A Series

- C) All classes may be allowed two throw outs per each race series. Should scheduled races be canceled, abandoned or called due to time limits, resulting in less than 8 races completed per series, the following throw-out schedule will apply. Same schedule will apply to the number of races a boat can throw-out during a series if they finish less than 8 races in a series.

Completed Races	# of Throw-out(s)
8 or 7 races	Two throw-outs
6 or 5 races	One throw-out
4 or fewer	None

- D) A boat must compete in a minimum of 4 races in an 8 race series to be scored in a series. If a series is less than 8 races, the following schedule applies. A series shall not be less than 4 races.

Completed Races for a Series	Minimum # of Races a Boat Must Sail to be Scored in a Series
8 or 7 races	4 races
6 or 5 races	3 races
4 races	2 races

- E) Scoring Penalties: The following penalties will be treated as outline when the scores are calculated.
- 1) DNS will be scored as a boat that did not race.
 - 2) DNF will be scored as the last boat to finish. A boat that does not finish will count against the total number of boats in a race.
 - 3) DSQ will be scored as a zero. A DSQ cannot be used as a throw-out in the overall scoring. A DSQ does not count towards the minimum number of races a boat must sail to scored in a series.
 - 4) RAF will be scored as the last boat to finish.

19. Penalties:

- A) Over Early

- 1) A boat over early shall use the "Round the Ends" method to exonerate themselves. This is Rule 30.1 of the ISAF. This rule will be in effect for all NPSA races without the display of the Code Flag "I" (yellow square flag with a black circle in the middle).

B) Fouling Another Boat

- 1) A boat that fouls another boat may exonerate herself by performing two 360° turns as a penalty. The 720° penalty, Rule 44.1 and 44.2 of the ISAF, will be in effect for all classes and for all races.
- 2) Penalty turns must be done at the first reasonable opportunity keeping clear of other boats racing.
- 3) The boat that is being protested may or may not perform penalty turns.
- 4) A boat that fouls another boat and causes serious damage or gains significant advantage in the race by her breach must retire.
- 5) If the protested boat chooses not to perform a penalty turn and is found at fault by the protest committee, they will be scored DSQ for the race.

C) Touching a mark

- 1) A boat touching a starting mark or racing mark must take a 360° turn penalty to exonerate herself. Rules 31.1 and 31.2 of the ISAF will be in effect for all classes and for all races.
- 2) A boat touching a finishing mark must take a 360° turn penalty, sail to the course side of the finish line and refinish.

D) Retired After Finishing (RAF)

- 1) If a boat after finishing acknowledges that they broke a rule and they are not protested by another boat, the Race Committee can assign an RAF penalty without the necessity of a protest committee.

20. Protests:

A) Intra-club

- 1) Captains must notify the protested boat at the first reasonable opportunity and fly a red flag.
- 2) Captains must also notify the Committee Boat of their protest at the time of their finish.
- 3) Protests shall be heard after the race at The Avenue Tap.
- 4) Failure to post in your defense will result in a score of "DSQ".
- 5) All decisions by the Protest Committee are final.

B) Inter-club

- 1) Captains must notify the protested boat at the first reasonable opportunity and fly a red flag.
- 2) Captains must also notify the Committee Boat of their protest at the time of their finish.
- 3) A written account of the incident as per Part 5 Section A paragraph 61.2 should be sent to the Race Committee within three days.
- 4) The Race Committee will notify all parties of the time and date of the hearing.
- 5) Failure to post in your defense will result in a score of "DSQ".
- 6) All decisions by the Protest Committee are final.

21. Awards:

- A) Awards will be given for each class.
 - 1) Two awards per class when up to three boats compete. Three awards when four or more compete.
 - 2) Awards will be presented to the winners of each series and to the overall winner with the best scores in class.
 - 3) All awards will be presented at the end of the season at the annual Awards Banquet.

22. VHF Radio Communications:

- A) The Race Committee will monitor VHF channel 68 at all times. Any competitor that drops out of a race must notify the Committee Boat.

23. Committee Boat:

- A) Every boat registered to race will be responsible to act as, or support some or all aspects of race committee for a given week. Appendix D provides boat assignments.
- B) In most cases there will be a designated race committee boat and crew. Is it the responsibility of the assigned skipper to contact the race committee chairperson or commodore to see if:
 - 1) The designated skipper needs to provide a race committee boat.
 - 2) To find out if crew is needed to support a committee boat.
 - 3) Both 1) and 2).
- C) If an assigned skipper is not able to meet his or her obligation for an assigned race, it is the responsibility of the skipper to find a skipper who will take his or her place.
- D) If an assigned skipper fails to comply with the above rules, they will be scored DSQ for their assigned race.
- E) Appendix E provides basic Race Committee Boat Responsibilities.
- F) The Committee Boat will not interpret any aspect of this book, any racing rules, or any course information during a race. Contacting the Committee Boat for these types of communications is highly discouraged.

24. Notes For All Classes:

- A) Even when you have the right-of-way, it is your duty to avoid collisions (see Rule 32).
- B) A copy of these racing instructions should be aboard your boat during each race.

Good Luck and Safe Sailing !
North Point Sailing Association Officers

Appendix A

NPSA Course Mark Definitions

Mark Designation	Mark Description
PW12	Penwood Wharf Channel NUN "12"
JAS Pt.	Near South end of Penwood Wharf
ORB2	Old Road Bay light "2" (Sunken Island)
PW 8	Penwood Wharf Channel NUN "8"
PW 7	Penwood Wharf Channel Can "7"
PW 6	Penwood Wharf Channel Nun "6"
PW 5	Penwood Wharf Channel Can "5"
BC2B	Brewerton Channel Lighted Buoy "2B" QR
BC 4	Brewerton Channel Lighted Buoy "4" FL R 2.5s
BC 6	Brewerton Channel Lighted Buoy "6" FL R 4s
BC 8	Brewerton Channel Lighted Buoy "8" FL R 4s
BC12	Brewerton Channel Lighted Buoy "12" Fl R 6s
BC14	Brewerton Channel Lighted Buoy "14" QR
OP2	Sparrows Point Ore Pier Channel NUN "2"
OP4	Sparrows Point Ore Pier Channel NUN "4"
Craighill	Lower Craighill Channel Range Front (lighthouse)
PW 3	Penwood Wharf Channel Can "3"
BCE10	Brewerton Extension Channel Lighted Buoy "10" FL R 2.5s

NPSA Racing Marks Distance Matrix

Marks	PW12	JASPT	ORB2	PW8	PW7	PW6	PW5	BC2B	BC4	BC6	BC8	BC12	BC14	OP2	OP4	Craig	PW3	BCE10
PW12		0.34	0.40	0.49	0.49	0.89	0.86	2.19	1.72	1.39	1.39	1.81	2.02	1.37	1.17	*	1.22	*
JASPT			0.32	0.27	0.23	0.66	0.60	2.09	1.57	1.16	1.06	1.53	1.77	1.05	0.86	*	0.96	3.01
ORB2				0.16	0.22	0.51	0.49	1.81	1.33	1.00	1.24	1.79	2.05	1.25	1.10	2.99	0.84	2.71
PW8					0.07	0.41	0.37	1.82	1.30	0.91	1.08	1.65	1.91	1.09	0.95	3.09	0.73	2.75
PW7						0.43	0.38	1.87	1.34	0.94	1.03	1.58	1.85	1.03	0.88	3.16	0.75	2.81
PW6							0.07	1.51	0.95	0.50	1.03	1.10	1.99	1.08	1.00	2.97	0.33	2.48
PW5								1.58	1.01	0.56	0.98	1.63	1.93	1.02	0.94	3.04	0.37	2.55
BC2B									0.60	1.16	2.39	3.09	3.40	2.46	2.46	1.87	1.36	1.00
BC4										0.56	1.79	2.49	2.80	1.86	1.86	2.35	0.76	1.68
BC6											1.23	1.93	2.24	1.30	1.31	2.85	0.22	2.16
BC8												0.70	1.01	0.09	0.28	4.00	1.04	3.39
BC12													0.32	0.63	0.71	4.67	1.70	4.09
BC14														0.94	0.99	4.96	2.05	4.40
OP2															0.22	4.05	1.11	3.46
OP4																3.97	1.10	3.45
Craig																	0.00	1.27
PW3																		2.36
BCE10																		

* Un-Navigable course line

Race Committee does not take responsibility for any errors.

NPSA Racing Marks Magnetic Bearing Matrix

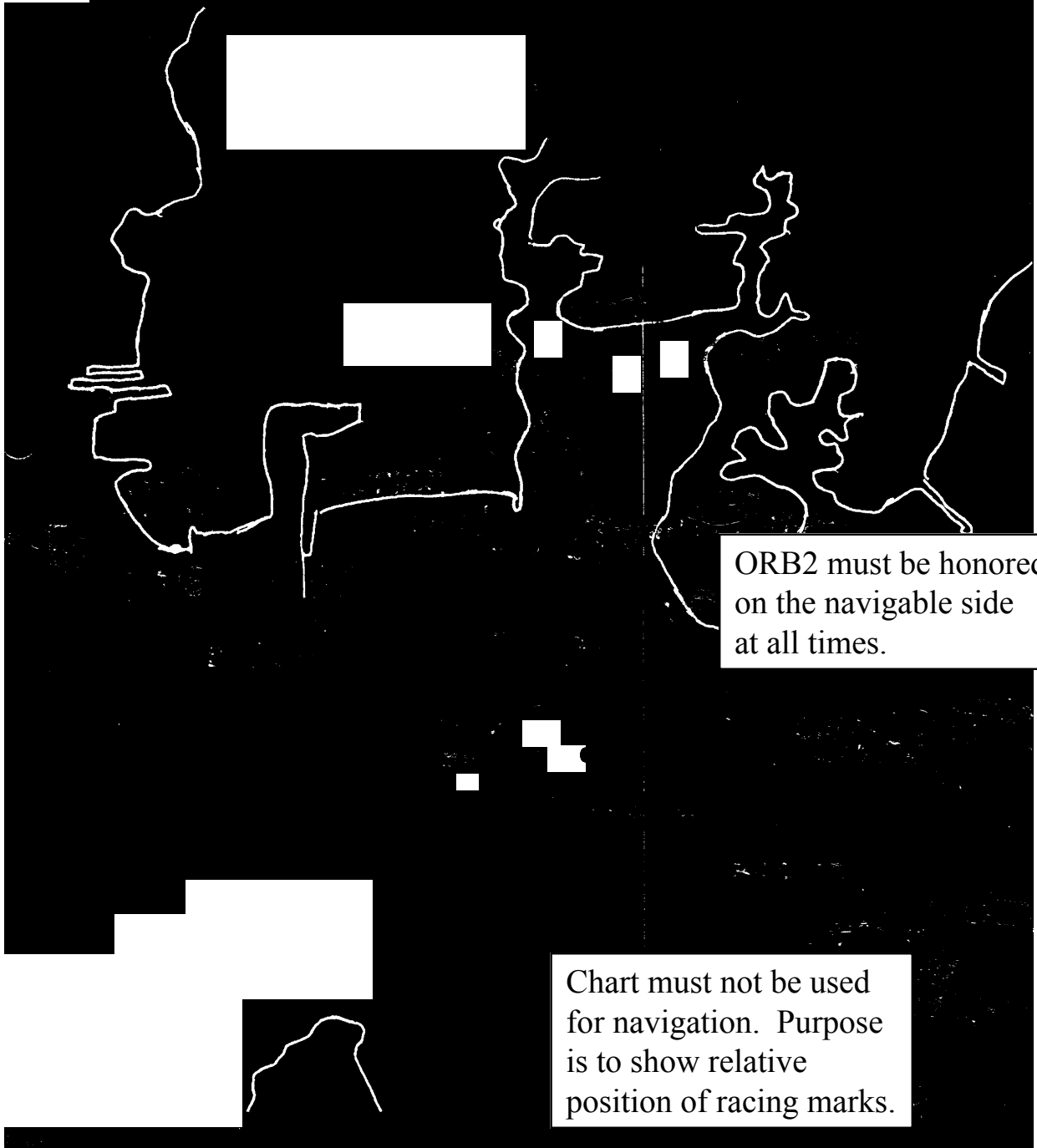
Marks	PW12	JASPT	ORB2	PW8	PW7	PW6	PW5	BC2B	BC4	BC6	BC8	BC12	BC14	OP2	OP4	Craig	PW3	BCE10
PW12		047	357	015	023	010	014	338	349	006	058	079	086	062	066	*	012	*
JASPT	227		303	334	346	352	356	329	339	355	062	085	092	067	074	*	000	320
ORB2	177	123		064	077	020	028	334	347	009	075	091	097	079	087	297	019	322
PW8	195	154	244		110	003	013	328	339	001	076	094	099	081	090	295	101	319
PW7	203	166	257	290		355	003	327	337	357	074	093	099	079	089	295	005	318
PW6	190	172	200	183	175		128	319	329	358	098	108	111	103	114	288	017	313
PW5	194	176	208	193	183	308		319	328	353	096	107	110	101	113	288	007	312
BC2B	158	149	154	148	147	148	139		124	123	123	123	123	124	129	262	128	302
BC4	169	159	167	159	157	150	148	304		123	123	122	123	124	131	272	131	303
BC6	186	175	189	181	177	179	173	303	303		122	122	123	125	135	278	150	303
BC8	238	242	255	256	254	278	276	303	303	302		122	124	162	202	285	297	303
BC12	259	265	271	274	273	288	287	303	302	302	302		086	297	279	288	299	302
BC14	266	272	277	280	279	291	298	303	303	303	304	310		301	288	289	300	303
OP2	242	247	259	261	259	283	281	304	304	305	342	117	121		218	296	300	304
OP4	246	254	267	270	269	294	293	309	311	315	022	099	108	038		289	311	307
Craig	*	*	117	115	115	107	108	082	092	098	105	108	109	106	127		101	052
PW3	192	180	199	190	185	197	187	308	311	122	117	119	120	120	131	281		305
BCE10	*	140	142	139	138	132	132	112	122	123	123	122	123	123	127	232	125	

* Un-Navigable course line

Race Committee does not take responsibility for any errors.

NPSA Mark Locations		
Mark	Latitude	Longitude
PW12	N39 12.538'	W076 27.494'
JASPT	N39 12.266'	W076 27.750'
ORB2	N39 12.148'	W076 27.370'
PW8	N39 12.050'	W076 27.539'
PW7	N39 12.060'	W076 27.624'
PW6	N39 11.645'	W076 27.478'
PW5	N39 11.684'	W076 27.553'
BC2B	N39 10.713'	W076 25.952'
BC4	N39 10.943'	W076 26.664'
BC6	N39 11.154'	W076 27.332'
BC8	N39 11.599'	W076 28.807'
BC12	N39 11.850'	W076 29.646'
BC14	N39 12.000'	W076 30.003'
OP2	N39 11.680'	W076 28.864'
OP4	N39 11.875'	W076 28.736'
Craighill	N39 11.316'	W076 23.670'
PW3	N39 11.320'	W076 27.518'
BCE10	N39 10.358'	W076 24.750'
Race Committee does not take responsibility for any errors.		

NPSA Racing Area
Refer to Chart 12278



ORB2 must be honored
on the navigable side
at all times.

Chart must not be used
for navigation. Purpose
is to show relative
position of racing marks.

Appendix B: Race Courses for 2004

	Wind Direction	Racing Class	NPSA Course Marks	Rounding Trend	Approximate Distance
A	SE	1	START - BC4 - BC2B - BCE10 - PW12 - FINISH	Port	6.50
	SE	2	START - BC4 - BC2B - PW12 - FINISH	Port	4.60
	SE	3	START - BC4 - PW12 - FINISH	Port	3.52
B	N	1	START - PW12 - BCE10 - BC2B (PORT) - BC4 - FINISH	Starboard	6.58
	N	2	START - PWN12 - BC2B - BC4 - FINISH	Starboard	4.68
	N	3	START - PW12 - BC4 - FINISH	Starboard	3.60
C	SW-W	1	START - BC8 - PW5 (STR) - BCE10 - PW12 - FINISH	Port	8.21
	SW-W	2	START - BC8 - PW5 (STR) - BC2B - PW12 - FINISH	Port	6.34
	SW-W	3	START - BC8 - PW5 (STR) - BC4 - PW12 - FINISH	Port	5.29
D	N	1	START - PW12 - BCE10 - PW6(PORT) - PW5(PORT) - BC8 - FINISH	Starboard	8.55
	N	2	START - PW12 - BC2B - PW6(PORT) - PW5(PORT) - BC8 - FINISH	Starboard	6.68
	N	3	START - PW12 - BC4 - PW6(PORT) - PW5(PORT) - BC8 - FINISH	Starboard	5.63
E	S	1	START - BC6 - PW6(PORT) - PW5(PORT) - BC12 - BC14 - PW12 - FINISH	Starboard	6.34
	S	2	START - BC6 - PW6(PORT) - PW5(PORT) - BC12 - PW12 - FINISH	Starboard	4.98
	S	3	START - BC6 - PW6(PORT) - PW5(PORT) - BC8 - PW12 - FINISH	Starboard	4.35
F	N	1	START - PW12 - BC8 - PW5(STR) - PW6(STR) - BC2B - FINISH	Port	6.71
	N	2	START - PW12 - BC8 - PW5(STR) - PW6(STR) - BC4 - FINISH	Port	5.62
	N	3	START - PW12 - BC8 - PW5(STR) - PW6(STR) - BC6 - FINISH	Port	4.78
H	N	1	START - PW12 - BC4 - BC6 - PW6(PORT) - PW5(PORT) - BC8 - FINISH	Starboard	5.14
	N	2	START - PW12 - BC6 - PW6(PORT) - PW5(PORT) - BC8 - FINISH	Starboard	4.89
	N	3	START - PW12 - BC6 - PW6(PORT) - PW5(PORT) - BC8 - FINISH	Starboard	4.89
I	W – SW	1	START - BC8(STR) - BC12(STR) - PW5(STR) - PW6(STR) - BC4 - PW12 - FINISH	Port	6.65
	W – SW	2	START - BC8(STR) - OP2(STR) - PW5(STR) - PW6(STR) - BC4 - PW12 - FINISH	Port	5.43
	W – SW	3	START - BC8(STR) - OP2(STR) - PW5(STR) - PW6(STR) - BC6 - PW12 - FINISH	Port	4.65
K	N	1	START - PW12 - BCE10 - BC6 - PW6(port) - BC8 - PW12(FIN)	Starboard	9.06
	N	2	START - PW12 - BC2B - BC6 - PW6(port) - BC8 - PW12(FIN)	Starboard	7.60
	N	3	START - PW12 - BC4 - BC6 - PW6(port) - BC8 - PW12(FIN)	Starboard	6.08
M	E – SE	1	START - PW8 - BC2B - BC8(port) - BC12(port) - BC14 - OP4(port) - PW7(fin)	Starboard	8.05
	E – SE	2	START - PW8 - BC4 - BC8(port) - BC12(port) - BC14 - OP4(port) - PW7(fin)	Starboard	6.93
	E – SE	3	START - PW8 - BC6 - BC8(port) - BC12(port) - BC14 - OP4(port) - PW7(fin)	Starboard	5.98

	Wind Direction	Racing Class	NPSA Course Marks	Rounding Trend	Approximate Distance
N	N	1	START - PW12 - BC4 - PW12 - BC4 - PW8(FIN)	Starboard	7.32
	N	1	START - PW12 - BC4 - PW12 - BC6 - PW8(FIN)	Starboard	6.60
	N	3	START - PW12 - BC4 - PW12 - BC6 - PW8(FIN)	Starboard	6.60
O	S	1	START - BC4 - PW12 - BC4 - PW12 - PW8(FIN)	Starboard	6.96
	S	2	START - BC4 - PW12 - BC6 - PW12 - PW8(FIN)	Starboard	6.30
	S	3	START - BC6 - PW12 - BC6 - PW12 - PW8(FIN)	Starboard	4.89
R	N	1	START - PW12 - BC4 - BC6 - PW7 - PW12(FIN)	Starboard	4.58
	N	2	START - PW12 - BC6 - PW7 - PW12(FIN)	Starboard	3.68
	N	3	START - PW12 - BC6 - PW7 - PW12(FIN)	Starboard	3.68
S	S	1	START - BC4 - BC6 - PW12 - PW8(STR) - FINISH	Starboard	4.15
	S	2	START - BC6 - PW12 - PW8(STR) - FINISH	Starboard	3.20
	S	3	START - BC6 - PW12 - PW8(STR) - FINISH	Starboard	3.20
T	W - NW	1	START - OP4 - OP2 - BC6(str) - BC2b - PW12 - FINISH	Port	6.32
	W - NW	2	START - OP4 - OP2 - BC6(str) - BC4 - PW12 - FINISH	Port	5.14
	W - NW	3	START - OP4 - OP2 - BC6(str) - BC4 - PW12 - FINISH	Port	5.14
V	E	1	START - Lower Craighill Channel light house - FINISH	Starboard	5.98
	E	2	START - Lower Craighill Channel light house - FINISH	Starboard	5.98
	E	3	START - Lower Craighill Channel light house - FINISH	Starboard	5.98
W	E	1	START - PW8 - BC2B - OP2 - PW6(PORT) - OP4 - PW7(FIN)	Starboard	8.21
	E	2	START - PW8 - BC4 - OP2 - PW6(PORT) - OP4 - PW7(FIN)	Starboard	7.09
	E	3	START - PW8 - BC6 - OP2 - PW6(PORT) - OP4 - PW7(FIN)	Starboard	6.06
X	SE	1	START - BCE10 - BC6(PORT) - BC8(PORT) - BC12 - FINISH	Starboard	8.42
	SE	2	START - BC2B - BC6(PORT) - BC8(PORT) - BC12 - FINISH	Starboard	6.49
	SE	3	START - BC4 - BC6(PORT) - BC8(PORT) - BC12 - FINISH	Starboard	5.37
Y	W - NW	1	START - BC12 - BC8(STR) - BC6(STR) - BCE10 - FINISH	Port	8.47
	W - NW	2	START - BC12 - BC8(STR) - BC6(STR) - BC2B - FINISH	Port	6.54
	W - NW	3	START - BC12 - BC8(STR) - BC6(STR) - BC4 - FINISH	Port	5.42
Z	SE	1	START - BC2B - PW6(PORT) - PW5(PORT) - BC8 - PW12 - FINISH	Starboard	6.34
	SE	2	START - BC4 - PW6(PORT) - PW5(PORT) - BC8 - PW12 - FINISH	Starboard	5.25
	SE	3	START - BC4 - PW6(PORT) - PW5(PORT) - BC8 - PW12 - FINISH	Starboard	5.25

BC = BREWERTON CHANNEL BOUYS ARE LIGHTED RED
PW = PENWOOD WHARF CHANNEL BOUYS ARE CANS
AND NUNS
POSSIBLE STARTING MARKS PW8, PW7, PW6, PW5,
PW3, OP4

OP= IRON ORE PIER CHANNEL BOUYS ARE NUNS
BCE = BREWERTON CHANNEL EASTERN EXTENSION

POSSIBLE FINISH MARKS PW12, ORB2, PW8, PW7,
PW6. PW5, PW3, OP4

Appendix C: Wednesday Night Starting Sequence

Time	Comment or Action To Be Taken
6:29:00	<u>DROP</u> Postponement Flag and <u>SOUND</u> Horn.
6:30:00	<u>RAISE</u> YELLOW Shape and <u>SOUND</u> Horn
6:34:00	<u>DROP</u> YELLOW Shape
6:35:00	<u>RAISE</u> BLUE Shape and <u>SOUND</u> Horn
6:39:00	<u>DROP</u> BLUE Shape.
6:40:00	<u>RAISE</u> RED Shape and <u>SOUND</u> Horn – White Class Start
6:44:00	<u>DROP</u> RED Shape.
6:45:00	<u>RAISE</u> RED Shape and <u>SOUND</u> Horn – Blue Class Start
6:49:00	<u>DROP</u> RED Shape.
6:50:00	<u>RAISE</u> RED Shape and <u>SOUND</u> Horn – Yellow Class Start

Appendix D: Race Committee Boat Assignments

Date	Race	Boat/Skipper
April 21, 2004	Series 1, Race 1	SCOT FREE, J-35, SCOT RENOLDS, 301-497-6441
April 28, 2004	Series 1, Race 2	SCHOCKAROO, SCHOCK 35, PAUL SUSIE, 410-377-2064
May 5, 2004	Series 1, Race 3	DOLCE, C&C 110, BOB YIN, 410-252-1682
May 12, 2004	Series 1, Race 4	ROARING FORTYS, CATALINA 27, MIKE KUTRIK, 410-343-0864
May 19, 2004	Series 1, Race 5	FLYING FEATHER, IROQUOIS 30, JACK HURLEY, 410-477-1848
May 26, 2004	Series 1, Race 6	DIRE WOLF, EVELYN 32, TIM FORD, 410-296-3039
June 2, 2004	Series 1, Race 7	IFARED, BALTIC 35, BOB SOPKA, 410-788-3667
June 9, 2004	Series 1, Race 8	THIN FLOAT, J-27, MARY LEES GUNTHER, 410-795-7557
June 16, 2004	Series 2, Race 1	WINDLASSIE, TARTAN 27, WILLIE BURTON, 410-747-3688
June 23, 2004	Series 2, Race 2	THE EDGE, CATALINA 22, TED DIEL, 410-282-7250
June 30, 2004	Series 2, Race 3	RESTLESS, JIM FISHER, PEARSON 25, 410-461-3081
July 7, 2004	Series 2, Race 4	FLYING FISH, ALBIN VEGA 27, STEVE MARKS, 410-477-3696
July 14, 2004	Series 2, Race 5	TWO SEAS, ARIEL 26, CHARLIE ROUSE, 410-388-2535
July 21, 2004	Series 2, Race 6	JAS, TARTAN 27, SKIP WALLACE, 410-477-5666
July 28, 2004	Series 2, Race 7	TBA, ARIEL 26, PHIL YOUNG, 410-477-8607
August 4, 2004	Series 2, Race 8	MOO CAL, CAL 30, GLEN SMITH, 410-477-0083
August 11, 2004	Series 3, Race 1	KINDRED SPIRIT, HUNTER 29, DON BRADLEY, 410-288-0612
August 18, 2004	Series 3, Race 2	FROSTY PAWS, SOVERAL 27, GARY MOLER, 410-686-3324
August 25, 2004	Series 3, Race 3	DARK CRYSTAL, S&S 35.5, KYLE STUMP, 410-542-4036
September 1, 2004	Series 3, Race 4	COOKIE, TARTAN 3000, STEVE& TERI, 301-352-5558
September 8, 2004	Series 3, Race 5	GIDDY UP, J-24, GREG HARRER, 410-296-6021
September 15, 2004	Series 3, Race 6	KAIZEN, SEIDELMANN 299, MARK TAYLOR, 410-465-2897
September 22, 2004	Series 3, Race 7	GRATITUDE, C&C 24, IAN COOK, 717-561-0693
September 29, 2004	Series 3, Race 8	SEA CHASE, GLADIATOR 24, AL KARASA, 410-879-8496
Alternates		SCIROCCO, CATALINA 30, DAVE ARVIN, 410-465-2897
Alternate		NATTY BOH'T, PEARSON 26, JERRY MCCANN, 410-769--9516
Alternate		AKIZUKI II, JEANNEAU 37, TIM LINDSEY, 410-313-9729

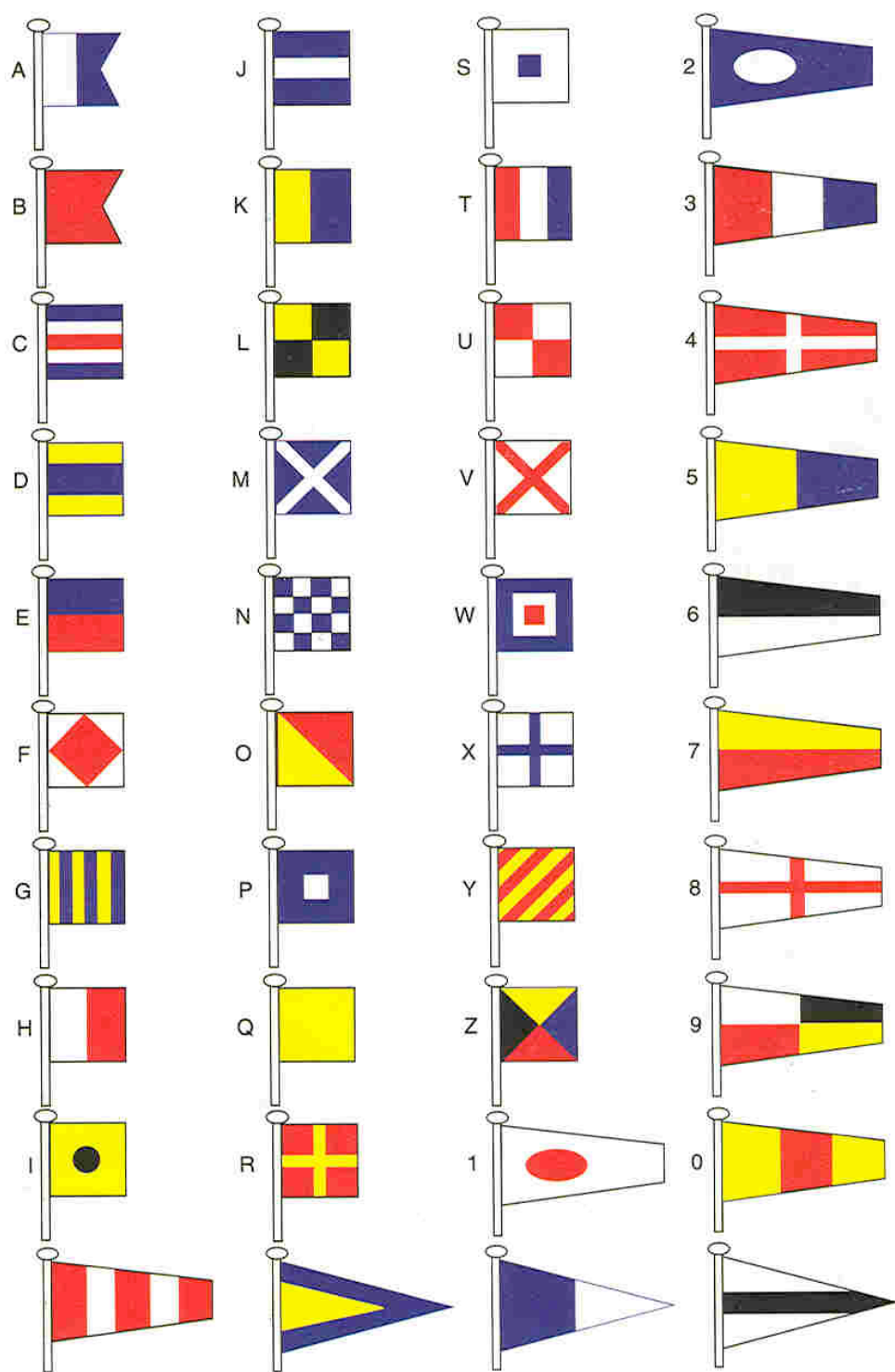
Appendix E – Basic Race Committee Responsibilities

- Recommend that you use a timer that is calibrated to GPS time or use hand held GPS.
 - Use fresh batteries for any timing device.
- This starting method takes a minimum of three people to be successful.
 1. One person reading each step of the starting sequence at the appropriate times.
 2. One person raising and lowering the shapes.
 3. One person sounding the horn and watching for premature starters.

Real Time	Time to Last Start	Comment or Action To Be Taken
6:15:00	35:00	Raise Postponement Flag
6:25:00	25:00	Post Course and Starting Buoy
		RAISE Blue Flag (Identifies that Committee Boat is on Station)
6:28:00	22:00	One Minute Until Postponement Flag Drop and Horn Test
6:28:30	21:30	Thirty Seconds Until Flag Drop and Horn Test
6:28:45	21:15	Fifteen Seconds Until Flag Drop and Horn Test
6:28:55	21:05	Five, Four, Three, Two, One
6:29:00	21:00	DROP Postponement Flag and SOUND Horn. One minute Until Raise YELLOW Shape and Sound Horn
6:29:30	20:30	Thirty Seconds Until Shape Raise and Sound Horn
6:29:45	20:15	Fifteen Seconds Until Shape Raise and Sound Horn
6:29:55	20:05	Five, Four, Three, Two, One
6:30:00	20:00	RAISE YELLOW Shape and SOUND Horn
6:33:00	17:00	One Minute Until Lower YELLOW Shape (No Horn)
6:33:30	16:30	Thirty Seconds Until Shape Drop
6:33:45	16:15	Fifteen Seconds Until Shape Drop
6:23:55	16:05	Five, Four, Three, Two, One
6:34:00	16:00	DROP YELLOW Shape
		One minute Until Raise BLUE Shape and Sound Horn
6:34:30	15:30	Thirty Seconds Until Shape Raise and Sound Horn
6:34:45	15:15	Fifteen Seconds Until Shape Raise and Sound Horn
6:34:55	15:05	Five, Four, Three, Two, One
6:35:00	15:00	RAISE BLUE Shape and SOUND Horn
		RAISE White Class Flag (Prep Class 1)
6:38:00	12:00	One Minute Until Lower BLUE Shape (No Horn)
6:38:30	11:30	Thirty Seconds Until Shape Drop
6:38:45	11:15	Fifteen Seconds Until Shape Drop

6:28:55	11:05	Five, Four, Three, Two, One
6:39:00	11:00	<u>DROP</u> BLUE Shape.
		One minute Until Raise Red Shape and Sound Horn
6:39:30	10:30	Thirty Seconds Until Shape Raise and Sound Horn
6:39:45	10:15	Fifteen Seconds Until Shape Raise and Sound Horn
6:39:55	10:05	Five, Four, Three, Two, One
6:40:00	10:00	<u>RAISE</u> Red Shape and <u>SOUND</u> Horn – <u>White Class Start</u>
		<u>DROP</u> White Class Flag – Complete after the start and after identify premature starters on VHS-68.
		<u>RAISE</u> Blue Class Flag (Prep Class 2)
6:43:00	7:00	One Minute Until Lower Red Shape (No Horn)
6:43:30	6:30	Thirty Seconds Until Shape Drop
6:43:45	6:15	Fifteen Seconds Until Shape Drop
6:43:55	6:05	Five, Four, Three, Two, One
6:44:00	6:00	<u>DROP</u> Red Shape.
		One minute Until Raise Red Shape and Sound Horn
6:44:30	5:30	Thirty Seconds Until Shape Raise and Sound Horn
6:44:45	5:15	Fifteen Seconds Until Shape Raise and Sound Horn
6:44:55	5:05	Five, Four, Three, Two, One
6:45:00	5:00	<u>RAISE</u> Red Shape and <u>SOUND</u> Horn – <u>Blue Class Start</u>
		<u>DROP</u> Blue Class Flag – Complete after the start and after identify premature starters on VHS-68.
		<u>RAISE</u> Yellow Class Flag (Prep Class 3)
6:48:00	2:00	One Minute Until Lower Red Shape (No Horn)
6:48:30	1:30	Thirty Seconds Until Shape Drop
6:48:45	1:15	Fifteen Seconds Until Shape Drop
6:48:55	1:05	Five, Four, Three, Two, One
6:49:00	1:00	<u>DROP</u> Red Shape.
		One minute Until Raise Red Shape and Sound Horn
6:49:30	:30	Thirty Seconds Until Shape Raise and Sound Horn
6:49:45	:15	Fifteen Seconds Until Shape Raise and Sound Horn
6:49:55	:05	Five, Four, Three, Two, One
6:50:00	:00	<u>RAISE</u> Red Shape and <u>SOUND</u> Horn – <u>Yellow Class Start</u>
		<u>DROP</u> Yellow Class Flag – Complete after the start and after identify premature starters on VHS-68.
		If Course is Shortened, Move to Finish Mark and Fly Shortened Course Flag & Blue Flag (Committee Boat on Station)

International Code Flags



Code and
Answering Pennant

First Substitute

Second Substitute

Third Substitute

ISBN 1-882502-88-4

Finishing Sheet

_____ Series Race #: _____
 Date: _____ Wind: _____
 Sunset: _____

Start Times Distance Start Buoy: _____
 Class 1: _____ Finish Buoy: _____
 Class 2: _____ Course: _____
 Class 3: _____ Shortened(Y/N): _____

Finish Order	Boat Name	Sail #	Finish Time
1			: :
2			: :
3			: :
4			: :
5			: :
6			: :
7			: :
8			: :
9			: :
10			: :
11			: :
12			: :
13			: :
14			: :
15			: :
16			: :
17			: :
18			: :
19			: :
20			: :
21			: :
22			: :
23			: :
24			: :
25			: :
26			: :
27			: :
28			: :
29			: :

Distance Calculation Sheet

Class 1		Class 2		Class 3	
Mark Name	Distance From Previous Mark	Mark Name	Distance From Previous Mark	Mark Name	Distance From Previous Mark
Total		Total		Total	

Annual Single Handed Race

North Point Sailing Association

Saturday, August 28, 2004

Entry Due: Friday, August 27, 2004

Contact: Steve Culfogienis, Steve.Culfogienis@verizon.net, 301-275-5860

Classes: There will be one non-spin/double headsail class. Scoring will be done using the Performance Handicap Racing Fleet (PHRF) system. If you need a handicap, please contact Steve Culfogienis

Rendezvous: 10:15 am in the vicinity of Penwood channel buoy "C5".

Start: Between the Committee boat and the designated government mark.

Finish: Between the Committee boat and the closest government mark.

Course: Designated by the Race Committee using the list of courses found in the 2004 NPSA Racing Instructions.

Signals: A single start for all competitors using the 2004 NPSA Racing Instructions. The starting sequence will begin at approximately 10:40 am.

Time Limit: 3 hours

Protests: Immediately following the race at Young's Boatyard.

Awards: 1st thru 3rd

Thirteenth Annual Harry Young Cup

North Point Sailing Association

Saturday, September 11, 2004

Entry Due: Friday, September 10, 2004

Contact: Steve Culfogienis, Steve.Culfogienis@verizon.net, 301-275-5860

Classes: There will be one non-spin/double headsail class. Scoring will be done using the Performance Handicap Racing Fleet (PHRF) system. If you need a handicap, please contact Steve Culfogienis

Rendezvous: 10:15 am in the vicinity of Penwood channel buoy "C5".

Start: Between the Committee boat and the designated government mark.

Finish: Between the Committee boat and the closest government mark.

Course: Designated by the Race Committee using the list of courses found in the 2004 NPSA Racing Instructions.

Signals: A single start for all competitors using the 2004 NPSA Racing Instructions. The starting sequence will begin at approximately 10:40 am.

Time Limit: 3 hours

Protests: Immediately following the race at Young's Boat Yard

Awards: 1st through 5th and Harry Young Cup. Presented at Annual Awards Dinner

Social: TBA

Tolchester Cruise Race Racing Instructions

North Point Sailing Association

Saturday, October 9, 2004

Entry: No entry is necessary for boats that sail Wednesday nights. All others contact Steve Culfogienis at 301-275-5860 or Steve.Culfogienis@verizon.net.

Entry Due: Friday, October 8, 2004

Contact: Steve Culfogienis, Steve.Culfogienis@verizon.net, 301-275-5860

Classes: There will be one non-spin/double headsail class. Scoring will be done using the Performance Handicap Racing Fleet (PHRF) system. If you need a handicap, please contact Steve Culfogienis

Rendezvous: 10:15 am in the vicinity of Penwood channel buoy "C5".

Start: Between the Committee boat and the designated government mark.

Finish: Between the Committee boat and the closest government mark. The finish line will be near the entrance to Tolchester Marina. Finish between the RC boat and the closest government mark.

Course: TBD by the Race Committee prior to the start.

Signals: A single start for all competitors using the 2004 NPSA Racing Instructions. The starting sequence will begin at approximately 10:40 am.

Time Limit: 4.5 hours

Protests: Immediately following the race at Tolchester.

Awards: 1st through 3rd

Social: TBA

2003 NPSA Race Winners				
Series	Fleet	Boat	Score	Place
Overall	White	Dire Wolf	37	1
		Cookie	44.25	2
		Scot-Free	50	3
	Blue	Windlassie	53	1
		San Juan	68.75	2
		Kindred Spirit	70	3
	Yellow	The Edge	21.25	1
		Two Seas	22	2
		Niagara	87	3
Series 1 – Spring	White	Scott-Free	3	1
		Dire Wolf	9.75	2
		Shockaroo	16	3
	Blue	Moocal	10.75	1
		Windlassie	11.0	2
		JAS	15.5	3
	Yellow	Restless	5.25	1
		The Edge	5.5	2
		Flying Fish	12.0	3
Series 2 – Early Summer	White	Scot-Free	6.75	1
		Thin Float	11.5	2
		Cookie	14.0	3
	Blue	San Juan	7.25	1
		Far Freedom	7.75	2
		Restless	12.0	3
	Yellow	Two Seas	4.25	1
		The Edge	6.75	2
		Flying Fish	26	3
Series 3 – Late Summer	White	Cookie	14.75	1
		Dire Wolf	15.75	2
		Scott-Free	16.25	3
	Blue	Restless	7.25	1
		JAS	7.5	2
		Windlassie	18.0	3
	Yellow	The Edge	6.25	1
		Two Seas	8.5	2
		Niagara	16.0	3
Series 4 - Fall	White	Dire Wolf	5.5	1
		Dolce	11.0	2
		Cookie	17.5	3
	Blue	Restless	3.0	1
		Flying Fish	10.0	2
		Kindred Spirit	17.0	3
	Yellow	Two Seas	4.25	1
		Niagara	9.0	2
		The Edge	22.75	3

2002 Season Overall Results

Fleet	Boat	Series 1	Series 2	Series 3	Series 4	Overall Place	
White	Kaizen	12.8	7.5	16	6.5	42.75	1
	Shockaroo	8.5	22	25	9.75	65.25	2
	Dolce	17.8	19	20	19	75.75	3
Blue	Marita	13.5	18	10.25	7.5	49.25	1
	Far Freedom	11.3	5	25	21	62.25	2
	Windlassie	9.75	13.75	26	13	62.5	3
Yellow	Flying Fish	6.25	8.5	13.75	9.75	38.25	1
	Two Seas	6.25	5	22.75	6.5	40.5	2
	The Edge	13	15	8.5	11.75	48.25	3