

2013 Race Committee Guide Book

Emergency Contact Information.

- In the event of an emergency use **VHF Channel 16**, which is monitored by both the United States Coast Guard AND the New Jersey State Police Marine Division to call for assistance.
- The New Jersey State Police Marine Division can also be telephoned at **732-899-5050**.
- Once contact has been made with either the Coast Guard AND/OR the New Jersey State Police Marine Division, elaborate on the type of emergency AND your location (Upper Bay, Toms River, Seaside Park, GPS coordinates, channel marker, etc) be as specific as possible.
- The Coast Guard AND/OR the New Jersey State Police Marine Division will arrange for the necessary support (land, water, air) and advise as to where you should bring injured, if any, ashore.

BBYRA VHF Radio Channels

- Channel 6 GREEN racing area Patrol, base station, taxi boats, etc.
- Channel 5A ROSE racing area Patrol, base station, taxi boats, etc.
- Channel 68 GREEN racing area communications with competitors as per BBYRA's Sailing Instructions.
- Channel 71 ROSE racing area PRO's channel for communicating with race committee and competitors as per BBYRA's Sailing Instructions.
- Channel 72 GREEN racing area PRO's channel for communicating with race committee.
- Channel 78A Inter racing circle communications for use by PRO's.

Signal Boat Flag Sizes Green and Rose Racing Areas

- The Line Flag and Code Flag "X" should be at least size 7. All other signaling flags used by the Signal Boat should be at least size 3.

Signal Boat Line Flag Etiquette all Racing Areas

- The Orange line flag and Blue flag have distinct usages. Please do not hoist them while docked or motor around with them raised.
- Once on station, keep the line flag lowered until you are ready to set the starting mark. No later than the warning signal, the race committee signal boat may display the approximate compass bearing of the first leg.
- After the last class in a sequence of races has been started, lower the line flag so the starting line is not closed to boats sailing the course.
- If there are multiple races for any class keep the line flag lowered until the starting mark is set and you are ready to signal a warning for the next sequence of races.

Signal Flag Sizes for other Race Committee Boats in both Racing Areas

- Mark Set Boat Size 3
- Inspection Boat Size 2 minimum
- All Other R/C Boats Size 2 minimum
- Patrol Boats Size 2 minimum

Accountability

- In order identify boats that intend to compete, once an area start boat reaches the vicinity of it's starting area (the area start boat need not be anchored), the area start boat should display Code Flag "L" from the stern of their boat until the first class scheduled to race in the applicable area has been given their Preparatory Signal.

Start Line and Starting Penalties

- Numerous fleets allow the use of electronic devices to accurately determine the starting line location. This means the RC should set the start line square to the wind in order to avoid general recalls. Favoring one end of the start line over the other end of the start line usually results in a general recall with an aggressive class.
- General recalls can and will occur. Should a general recall occur for a specific class, restart the recalled class with a starting penalty beginning with RRS 30.1 then progress up through RRS 30.2 to RRS 30.3 as necessary with each subsequent general recall and attempt to restart that specific fleet. (The initial attempt to start an E-Sloop race should always begin by employing starting penalty 30.1 progressing up through RRS 30.2 to RRS 30.3 as outlined herein.)

Placement of a Windward Mark Offset

- The windward offset mark should be positioned approximately 7 to 10 boat lengths, of the largest boat on the course, to the left of the windward mark.

Gate Marks

- The Sailing Instructions allow for both leeward gates and short leeward gates. The distance between a set of gate marks should be approximately 7 to 10 boat lengths of the largest boat on the course. The distance between the short leeward gate marks and the leeward gate marks is at the discretion of the area PRO but, should never be less than 10 boat lengths of the largest boat on the course.

PM E-Sloop Agreement

- In the event the last boat in the morning E-Sloop class finishes after twelve NOON, postpone the PM E-Sloop class until all other classes in the initial sequence of races have been started.

Course length recommendations

- **Morning Races** For the Green racing area, the length of the weather leg for morning races should be approximately 0.70 mile, unless the wind is very light. Use the "Guides To Class Preference" for all fleets.
- For the Rose racing area, the length of the weather leg for morning races should be approximately 1.00 mile, unless the wind is very light. Use the "Guides To Class Preference".
- **Afternoon Races** For both the Green and Rose racing areas, the length of the weather leg for afternoon races should be approximately 1.00 mile. Use the "Guides To Class Preference" for all fleets.

Course recommendations for the Lower Bay Green Racing Area

- When the wind is South or South East do not set the starting line East of Coates Point or weather mark for portable mark courses East of "Y" barrel or use fixed mark (barrel) courses that utilize fixed marks (barrels) "A", "B", "C" and/or "D". Also see the guide for "LOCATION OF FIXED MARK (BARREL COURSE) FINISH, 2013."

Course recommendations for the Upper Bay Green Racing Area

- Do not use fixed mark (barrel) courses that utilize fixed marks (barrels) "R", "T", "Y", "V", and/or "W". Also see the guide for "LOCATION OF FIXED MARK (BARREL COURSE) FINISH, 2013."

Portable Course Finishing Area Protocol Green and Rose Racing Areas

- For Windward finishes, the finishing line is between a staff displaying a blue flag or shape on the finish boat and an orange ball. The Finish Line will be placed not less than 10 boat lengths of the largest boat on the course to weather of the windward mark and windward offset mark. To help boats distinguish this finish line from the finish line for fixed mark (barrel) courses on the Green Racing Area **DO NOT REMOVE THE WINDWARD MARK OR WINDWARD OFFSET MARK UNTIL ALL BOATS FINISHING TO WINDWARD HAVE FINISHED.**
- For Downward finishes, the finishing line is between a staff displaying a blue flag or shape on the Start boat and an orange ball off the Starboard side of the Start boat.

Fixed Mark (Barrel) Course Final Leg and Finishing Area Protocol Green Racing Area

- If possible, station a boat at the last turning mark (barrel) to display a placard indicating the approximate bearing to the fixed mark finishing line.
- The fixed mark (barrel) course finishing line is between a staff displaying a blue flag or shape on the finish boat and a large orange cone. Use the "Location of Finish" guide to determine where fixed mark (barrel) course finishing line should be positioned. **IN NO EVENT SHOULD THE FIXED MARK (BARREL) COURSE FINISHING LINE BE WITHIN 0.25 MILE OF THE PORTABLE COURSE FINISHING AREA, OR THE ROSE RACING AREA. SHOULD A "GUIDE TO CLASS PREFERENCE" SUGGEST A FIXED MARK (BARREL) COURSE FINISHING LINE POSITION LESS THAN 0.25 MILE AWAY FROM ANY PORTABLE MARK COURSE FINISHING AREA OR THE ROSE RACING AREA, REDUCE THE LENGTH SHOWN IN THE TABLES ACCORDINGLY.**

Late Entry Boat Identification

- There needs to be **TWO** late entry boats, one for each racing area. The late entry boat for each race area should display a windsock of the same color (Rose or Green) as the course it is servicing with the words "LATE ENTRY" along the length of the windsock. Note the Late Entry boat and the Inspection Boat can be the same boat and staff.

Inspection Boats

- There needs to be **TWO** inspection boats, one for each racing area. The inspection boat for each race area should display a solid colored flag of the same color (Rose or Green) as the course it is servicing. Note the Late Entry boat and the Inspection Boat can be the same boat and staff

Triangle Courses

- Triangle courses do not use a leeward gate, they use a single leeward mark. So, if some fleets on a racing area want a triangle course while others want a leeward gate, both fleets can be accommodated as follows:

1. Set the Windward Mark
2. Set the Leeward Mark or Gate
3. Set a single Short Leeward Mark to windward of the Leeward Mark or Gate
4. Set the Gybe Mark between the Windward Mark and the Short Leeward Mark in a manner that creates a 90 degree triangle.


Bay Head Yacht Club <u>111 Metcalfe St.</u> <u>Bay Head NJ 08742</u>	<u>732-899-2000</u> <u>732-295-9821</u>
Beachwood Yacht Club <u>Compass Ave.</u> <u>Beachwood NJ 08722</u>	<u>732-349-9604</u>
Island Heights Yacht Club <u>River Ave.</u> <u>Island Heights NJ 08732</u>	<u>732-929-9813</u>
Lavallette Yacht Club <u>124 Swan Point Rd.</u> <u>Lavallette NJ 08735</u>	<u>732-793-8747</u> <u>732-793-9499</u> <u>732-830-6878</u>
Manasquan River Yacht Club <u>405 River View Lane</u> <u>Brielle NJ 08730</u>	<u>732-528-6792</u>
Mantoloking Yacht Club <u>Bay Ave. & Downer Ave.</u> <u>Mantoloking NJ 08738</u>	<u>732-892-6281</u> <u>732-892-9251</u>
Metedeconk River Yacht Club <u>Tilton Rd.</u> <u>Brick NJ 08723</u>	<u>732-477-9781</u>
Normandy Beach Yacht Club <u>South Court</u> <u>Normandy Beach NJ 08739</u>	<u>732-793-6807</u>
Ocean County College Sailing Club <u>Toms River NJ 08750-2001</u>	<u>732-255-0348</u>
Ocean Gate Yacht Club <u>Foot of Ocean Gate Ave.</u> <u>Ocean Gate NJ 08740</u>	<u>732-269-3622</u>
Pine Beach Yacht Club <u>Riverside Dr.</u> <u>Pine Beach NJ 08741</u>	<u>732-349-9810</u>
Seaside Park Yacht Club <u>Bay Front</u> <u>Seaside Park NJ 08752</u>	<u>732-793-9611</u>
Shore Acres Yacht Club <u>800 Drum Point Rd.</u> <u>Brick NJ 08723</u>	<u>732-477-3950</u>
Toms River Yacht Club <u>1464 Riviera Ave.</u> <u>Toms River NJ 08754</u>	<u>732-929-9809</u> <u>732-929-0888</u>

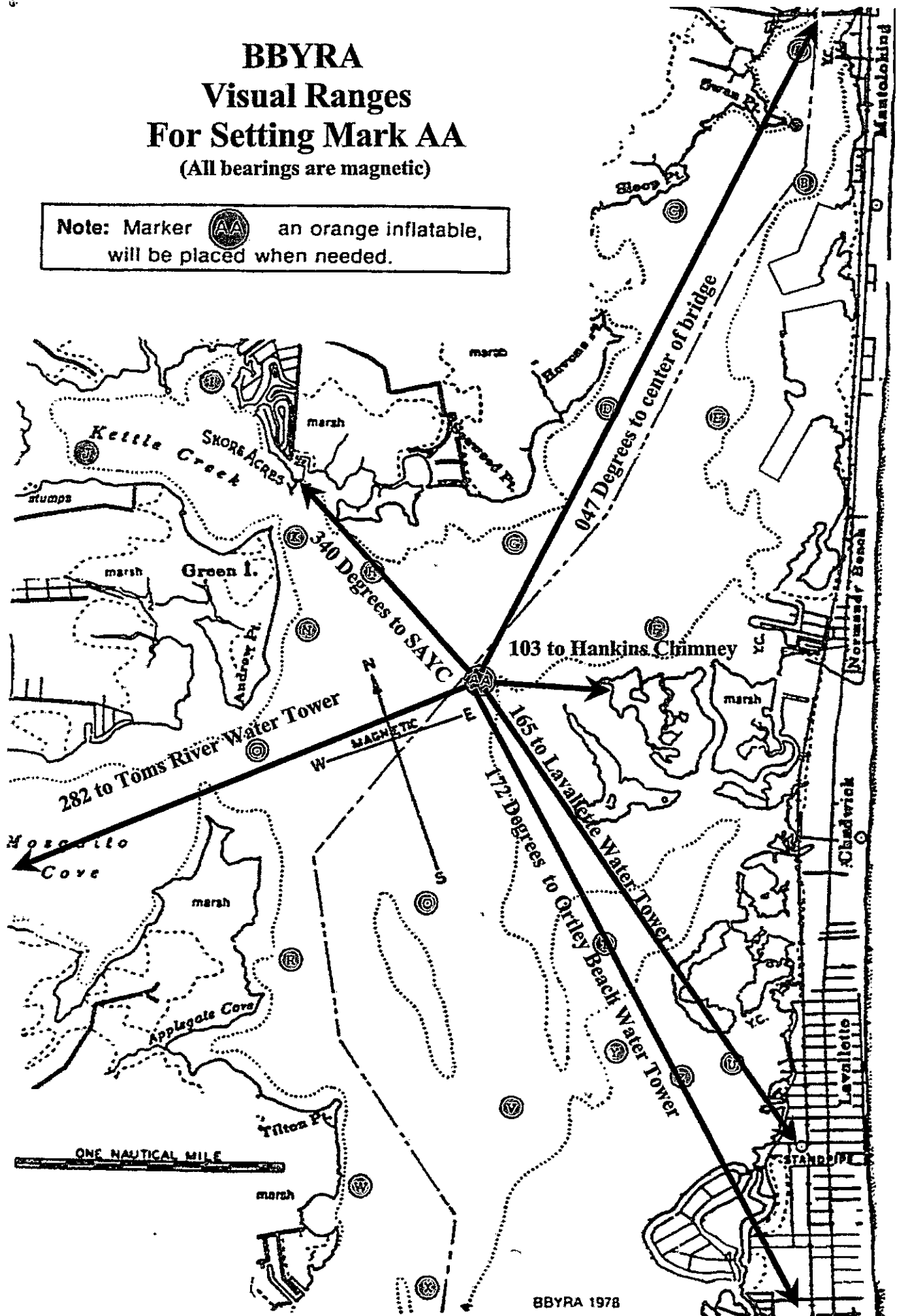
BBYRA

Visual Ranges

For Setting Mark AA

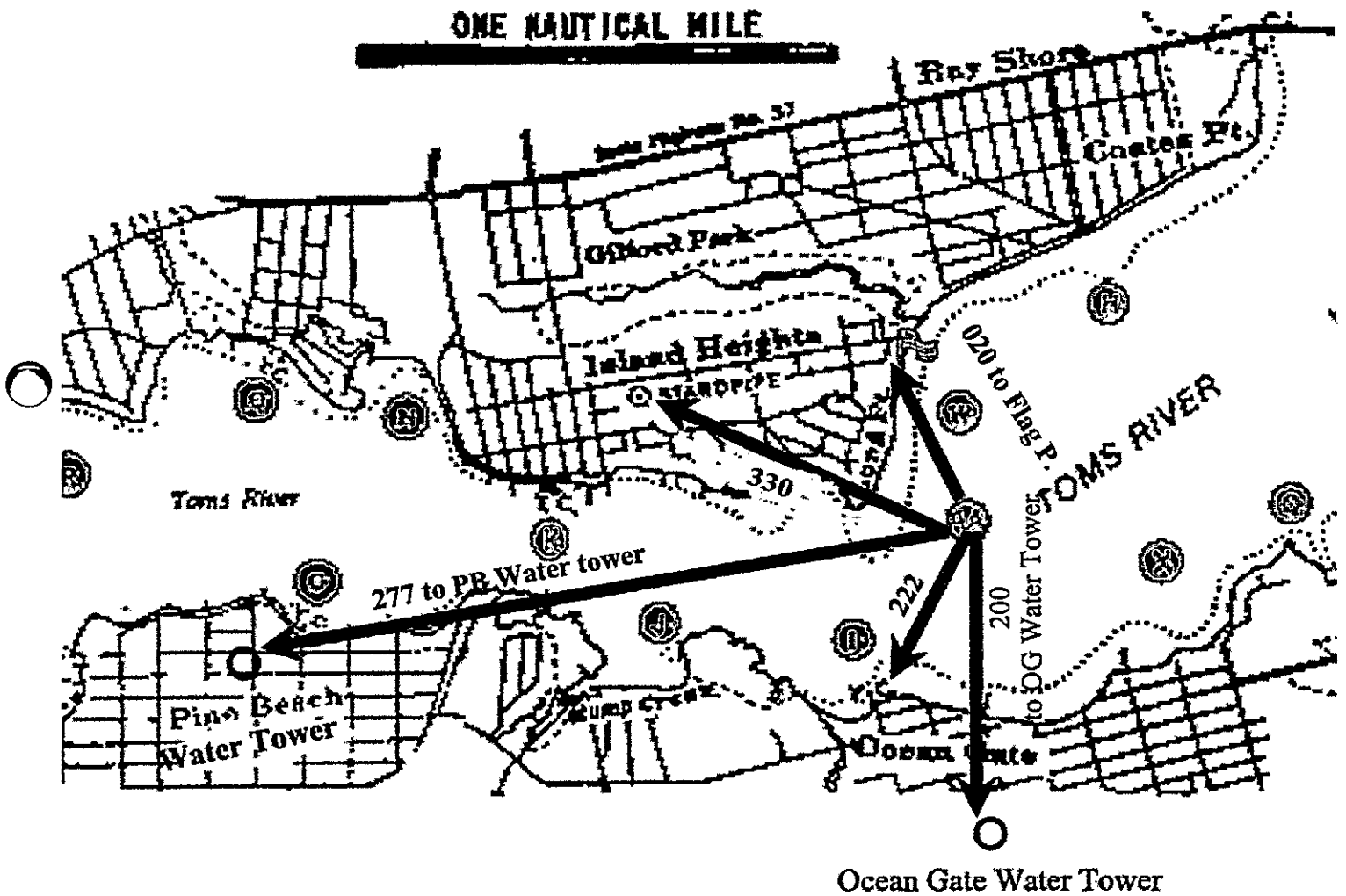
(All bearings are magnetic)

Note: Marker  an orange inflatable, will be placed when needed.



BBYRA Visual Ranges For Setting Mark AA Downbay

(All bearings are magnetic)



NOTE: MARKER (AA) AN ORANGE INFLATABLE WILL BE PLACED WHEN NEEDED.

USE OF VISUAL SIGNALS

FLAG OR PLACARD	US SAILING SIGNAL	BBYRA SIGNAL
A	W/N, ABANDONMENT, NO MORE RACING TODAY - W/AP RACES NOT STARTED POSTPONED NO MORE RACING TODAY	SAME AS US SAILING SIGNAL BUT MODIFIED BY INSTRUCTIONS # 12.6 & 12.7
B	PROTEST	
C	THE NEXT LEG OF THE COURSE HAS BEEN CHANGED.	
D		ENSIGN
E		E SLOOP
F		
G		USE OF GATE
H	W/N, ABANDONMENT FURTHER SIGNALS ASHORE - W/AP, RACES NOT STARTED POSTPONED FURTHER SIGNALS ASHORE	SAME AS US SAILING SIGNAL BUT MODIFIED BY INSTRUCTIONS # 12.6
I	RULE 30.1 IN EFFECT	
J		SANDERLING
K		SNEAKBOX
L	ASHORE NOTICE POSTED, AFLOAT COME WITHIN HAIL OR FOLLOW THIS BOAT	SAME AS US SAILING SIGNAL BUT MODIFIED BY INSTRUCTION #16
M	THE OBJECT DISPLAYING THIS SIGNAL REPLACES A MISSING MARK	SAME AS US SAILING SIGNAL BUT MODIFIED BY INSTRUCTION #7.4
N	ALL RACES STARTED ABANDONED, RETURN TO THE STARTING AREA	
O		SANDPIPER
P	PREPARATORY SIGNAL	
Q	ACKNOWLEDGE BREACH	
R		LASER/RADIAL
S	THE COURSE HAS BEEN SHORTENED, RULE 32.2 IN EFFECT	
T		M SLOOP
U		A-CAT
V		FLYING SCOT
W		SUNFISH
X	INDIVIDUAL RECALL	
Y	WEAR PERSONAL FLOATATION DEVICE	
Z	RULE 30.2 IN EFFECT	
AP	RACES NOT STARTED ARE POSTPONED	SAME AS US SAILING SIGNAL BUT MODIFIED BY INSTRUCTION #12.6
1 st SUBSTITUTE	GENERAL RECALL	SAME AS US SAILING SIGNAL BUT MODIFIED BY INSTRUCTION #12.3 & 12.5
BLUE	RC BOAT IS IN POSITION AT FINISHING LINE	SAME AS US SAILING SIGNAL BUT MODIFIED BY INSTRUCTION #9
BLACK	RULE 30.3 IN EFFECT	
ROSE		RACE AREA IDENTIFIER
GREEN		RACE AREA IDENTIFIER
WES 2-19-12		

GPS COORDINATES FOR BBYRA BARRELS

UPPER BAY

BARREL	NORTH LATITUDE		WEST LONGITUDE	
	DEGREES	MINUTES	DEGREES	MINUTES
AA	40	00.00	74	05.55
C	40	01.66	74	04.25
D	40	01.04	74	04.64
E	40	00.86	74	04.19
F	40	00.17	74	04.64
G	40	00.62	74	05.17
H	40	00.51	74	05.79
N	40	00.37	74	06.33
O	39	59.96	74	06.61
Q	39	59.30	74	05.92
R	39	59.09	74	06.69
T	39	59.18	74	05.18
U	39	58.46	74	04.62
V	39	58.43	74	05.56
W	39	58.37	74	06.50
X	39	57.91	74	06.38
Y	39	58.568	74	05.191
Z	39	58.38	74	04.92

LOWER BAY

BARREL	NORTH LATITUDE		WEST LONGITUDE	
	DEGREES	MINUTES	DEGREES	MINUTES
AA	39	56.107	74	08.225
A	39	55.354	74	04.985
B	39	55.177	74	05.428
C	39	55.258	74	05.960
D	39	55.884	74	05.253
E	39	55.992	74	06.327
F	39	56.668	74	06.443
G	39	55.970	74	07.171
H	39	56.513	74	07.427
I	39	55.924	74	08.429
J	39	56.118	74	08.905
K	39	56.392	74	09.120
W	39	56.388	74	07.975
X	39	55.961	74	07.701
Y	39	56.205	74	06.564

WES
8/3/09

LOCATION OF FIXED MARK (BARREL COURSE) FINISH, 2013

WIND	MILES	To Windward Of
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LOWER BAY

N	0.6	X
NE	1.0	X
E	0.6	AA
SE	0.8	H
S	0.6	H
SW	0.6	F
W	1.0	Y
NW	0.6	X

SEASIDE PARK

N	0.6	B
NE	1.0	C
E	1.0	C
SE	0.6	E
S	0.6	D
SW	0.8	D
W	1.0	A
NW	1.0	A

UPPER BAY

N	1.0	Q
NE	1.0	R
E	1.0	O
SE	0.7	N
S	1.0	H
WSW	1.0	E
SSW	1.0	G
W	1.0	F
NW	1.0	Q

IN NO EVENT SHOULD THE FIXED MARK (BARREL) COURSE FINISHING LINE BE WITHIN 0.25 MILE OF THE PORTABLE MARK COURSE FINISHING LINE, OR THE ROSE RACING AREA. SHOULD THIS GUIDE SUGGEST THE FIXED MARK (BARREL) COURSE FINISHING LINE POSITION LESS THAN 0.25 MILE AWAY FROM ANY PORTABLE COURSE FINISHING LINE OR THE ROSE RACING AREA, REDUCE THE LENGTH SHOWN IN THE TABLES ABOVE ACCORDINGLY.

WES
2/10/12

2013 GUIDE TO CLASS PREFERENCE, GENERAL

X indicates preferred course, where X's are duplicated for a class, class prefers a variation.

CLASS	MILES *	TRIANGLE	OLYMPIC	WIND/LEE PORTABLE	WIND/LEE BARREL	MAX WIND SPEED TO START A RACE mph	NOTES IF ANY
E Sloop	8 - 10			X Gate		25	
M Sloop	5 - 7.5		X (hvy. air)	X	X	22	2
Laser/R	6 - 7		X	X		35	2
Sneakbox	4 - 6	X (>10)		X	X	14	2
Sandpiper	4 - 6	X (>14)		X	X	18	2
A Cat	7 - 9			X Gate		20	1
Sanderling	6 - 7			X Gate	X	18	3
Flying Scot	5 - 7			X	X	25	5
Ensign	5 - 6			X	X	25	4
Jr. Sunfish	6	X (hvy air)	X	X (lt. air)	X	22	2
Sr. Sunfish	6	X (hvy. air)	X	X (lt. air)	X	22	2
Club 420	4 - 6	X		X		22	

*** Except back-to-back races, which should be shorter.**

NOTES:

1. A-CAT races in progress should be shortened at the next mark once wind speed reaches 18 mph and abandoned once wind speed reaches 20 mph if not already shortened. A-CAT races should always employ a leeward gate (short leeward gate when sharing the course with E-Sloops).

2. AM Fleets in the Green racing area want barrel courses for their second race.

3. Sanderlings in the Green racing area want barrel courses at ALL times DOWN BAY and portable courses when UP BAY.

4. Ensigns in the Green racing area want barrel courses for ALL their MORNING races and barrel courses for their second AFTERNOON race.

5. For Portable W/L Courses the Flying Scots prefer 2 to 4 legs, no 6 leg courses.

2/20/13

2013 GUIDE TO CLASS PREFERENCE, UPPER BAY

X indicates preferred course, where X's are duplicated for a class, class prefers a variation.

CLASS	MILES *	TRIANGLE	OLYMPIC	WIND/LEE PORTABLE	WIND/LEE BARREL	MAX WIND SPEED TO START A RACE mph	NOTES IF ANY
E Sloop	8 - 10			X Gate		25	
M Sloop	5 - 7.5		X (hvy. air)	X	X	22	2
Laser/R	6		X	X		35	2
Sneakbox	4 - 6	X (>10)		X	X	14	2
Sandpiper	4 - 6	X (>14)		X	X	18	2
A Cat	7 - 9			X Gate		20	1
Sanderling	6 - 7			X Gate		18	3
Flying Scot	5 - 7			X	X	25	5
Ensign	5 - 6			X		25	4
Jr. Sunfish	6	X (hvy air)	X	X (lt. air)	X	22	
Sr. Sunfish	6	X (hvy. air)	X	X (lt. air)	X	22	2
Club 420	4 - 6	X		X		22	

*** Except back-to-back races, courses should be shorter.**

NOTES:

1. A-CAT races in progress should be shortened at the next mark once wind speed reaches 18 mph and abandoned once wind speed reaches 20 mph if not already shortened. A-CAT races should always employ a leeward gate (short leeward gate when sharing the course with E-Sloops).

2. AM Fleets in the Green racing area want barrel courses for their second race.

3. Sanderlings in the Green racing area want portable Windward/Leeward Courses.

4. Ensigns in the Green racing area want barrel courses for their MORNING races and barrel courses for their second AFTERNOON race.

5. For Portable W/L Courses the Flying Scots prefer 2 to 4 legs, **no 6 leg courses**

	TRIANGULAR	OLYMPIC	WIND/LEE	TRADITIONAL
NE	11, 12, 13, 14	16,	10, 17	15
EAST	20, 22, 23, 26	25, 27	21, 29	24, 28
SE	30, 31, 33	NONE	36,	32, 34, 35, 37
S	41, 43, 46	44	40, 42, 47	45
WSW	50, 54	53, 55	51, 52, 57	56
SSW	61, 62, 63, 64	NONE	60, 65, 67	66
WEST	70, 71, 72	73, 74, 75, 77	78	76
NW	81, 82, 84	86, 87	80	83, 85
N	91, 92, 94	93, 95	90, 96	NONE

2013 GUIDE TO CLASS PREFERENCE, LOWER BAY

X indicates preferred course, where X's are duplicated for a class, class prefers a variation.

CLASS	MILES *	TRIANGLE	OLYMPIC	WIND/LEE PORTABLE	WIND/LEE BARREL	MAX WIND SPEED TO START A RACE mph	NOTES IF ANY
E Sloop	8 - 10			X Gate		25	
M Sloop	5 - 7.5		X (hvy. air)	X	X	22	2
Laser/R	6		X	X		35	2
Sneakbox	4 - 6	X (>10)		X	X	14	2
Sandpiper	4 - 6	X (>14)		X	X	18	2
A Cat	7 - 9			X Gate		20	1
Sanderling	6 - 7				X	18	3
Flying Scot	5 - 7			X	X	25	5
Ensign	5 - 6			X	X	25	4
Jr. Sunfish	6	X (hvy air)	X	X (lt. air)	X	22	
Sr. Sunfish	6	X (hvy. air)	X	X (lt. air)	X	22	2
Club 420	4 - 6	X		X	X	22	

*** Except back-to-back races, courses should be shorter.**

NOTES:

1. A-CAT races in progress should be shortened at the next mark once wind speed reaches 18 mph and abandoned once wind speed reaches 20 mph if not already shortened. A-CAT races should always employ a leeward gate (short leeward gate when sharing the course with E-Sloops).

2. AM Fleets in the Green racing area want barrel courses for their second race.

3. Sanderlings in the Green racing area want ALL barrel courses.

4. Ensigns in the Green racing area want barrel courses for ALL their MORNING races and barrel courses for their second AFTERNOON race.

5. For Portable W/L Courses the Flying Scots prefer 2 to 4 legs, no 6 leg courses.

	TRIANGULAR	OLYMPIC	WIND/LEE	TRADITIONAL
NE	11, 15	NONE	10, 12, 13,	14, 16, 17, 18
EAST	20	22, 23	21	24, 25, 26, 27, 28
SE	NONE	31,	30, 33, 35, 36, 37	32, 34
S	41, 42, 44	NONE	43, 46, 47	40, 45
SW	50, 54	52, 57	51, 53, 58	55, 56
WEST	60, 63, 64	NONE	62, 65, 66, 67	61
NW	73	70, 71, 72,	77, 78	74, 75, 76
N	82	80, 81	NONE	83, 84, 85, 86

2013 GUIDE TO CLASS PREFERENCE, SEASIDE PARK

X indicates preferred course, where X's are duplicated for a class, class prefers a variation.

CLASS	MILES *	TRIANGLE	OLYMPIC	WIND/LEE PORTABLE	WIND/LEE BARREL	MAX WIND SPEED TO START A RACE mph	NOTES IF ANY
E Sloop	8 - 10			X Gate		25	
M Sloop	5 - 7.5		X (hvy. air)	X	X	22	
Laser/R	6		X	X		35	
Sneakbox	4 - 6	X (>10)		X	X	14	
Sandpiper	4 - 6	X (>14)		X	X	18	
A Cat	7 - 9			X Gate		20	1
Sanderling	6 - 7				X	18	2
Flying Scot	7				X	25	2
Ensign	5 - 6			X		25	
Jr. Sunfish	6	X (hvy air)	X	X (lt. air)		22	
Sr. Sunfish	6	X (hvy. air)	X	X (lt. air)		22	
Club 420	2	X		X	X	22	

*** Except back-to-back races, courses should be shorter.**

NOTES:

1. A-CAT races in progress should be shortened at the next mark once wind speed reaches 18 mph and abandoned once wind speed reaches 20 mph if not already shortened. A-CAT races should always employ a leeward gate (short leeward gate when sharing the course with E-Sloops).

2. Sanderlings and Flying Scots want barrel courses.

	TRIANGULAR	OLYMPIC	WIND/LEE	TRADITIONAL	
NE	10	11, 13	NONE	12, 14, 15, 16	
EAST	20, 23, 25	21	22, 27	24, 26	
SE	30, 33	31, 34	NONE	32, 35, 36	
S	43, 44, 46	40, 45	NONE	41, 42, 47	
SW	50, 52, 53	51	NONE	54, 55, 56	
WEST	60, 63	61, 66	NONE	62, 64, 65, 67, 68	
NW	70, 71, 72, 73, 75, 76, 77, 79	NONE	74, 78	NONE	
N	NONE	NONE	87	80, 81, 82, 83,	85, 86

