

LAKE CHAMPLAIN YACHT CLUB

• BROAD-LAKE COURSES •

04/14/24

- Courses are: – Grouped by wind direction, beginning with NE, moving counter clockwise;
 – *Sub-grouped* by start mark, alphabetically;
 – *Sequenced* from shortest to longest, by NM Sailed/Time@5knots
 – See Supplemental Courses beginning on Page 18
 – Always pass north of RN2 Shelburne Point

RRS 90.2(c) ON-WATER COURSE DESIGNATION

When no course below is appropriate the Race Committee may create an alternate course to be given on the water following the raising of Code flag L with one sound.

NORTHEAST [Start at P mark] NM Sailed Ttl NM Time@5knts

<u>Course 2</u> - 2WL	NE wind		7.6 nm RLD (Rhumb Line Distance)		
P mark	Proctor	Start			
B mark	Breakwater	to port	1.9x1.4=	2.7	
P mark	Proctor	to port		1.9	4.6 nm 0.9 hrs
B mark	Breakwater	to port	1.9x1.4=	2.7	7.3 nm 1.5 hrs
P mark	Proctor	Finish		1.9	9.2 nm 1.8 hrs

<u>Course 3</u> - 2WL/W	NE wind		9.5 nm RLD		
P mark	Proctor	Start			
B mark	Breakwater	to port	1.9x1.4=	2.7	
P mark	Proctor	to port		1.9	4.6 nm 0.9 hrs
B mark	Breakwater	to port	1.9x1.4=	2.7	7.3 nm 1.8 hrs
P mark	Proctor	to port		1.9	9.2 nm 1.8 hrs
B mark	Breakwater	Finish	1.9x1.4=	2.7	11.9 nm 2.4 hrs

<u>Course 4</u> - 2Triangles	NE wind		12.6 nm RLD		
P mark	Proctor	Start			
B mark	Breakwater	to port	1.9x1.4=	2.7	
A mark	Appletree	to port		2.1	4.8 nm 1.0 hrs
P mark	Proctor	to port		2.3	7.1 nm 1.4 hrs
B mark	Breakwater	to port	1.9x1.4=	2.7	9.8 nm 2.0 hrs
A mark	Appletree	to port		2.1	11.9 nm 2.4 hrs
P mark	Proctor	Finish		2.3	14.2 nm 2.8 hrs

NORTH-NE [Start at C mark] NM Sailed Ttl NM Time@5knts

<u>Course 5</u> - W/L	NNE wind		8.0 nm RLD		
C mark	Off LCYC	Start			
B mark	Breakwater	to port	4.0x1.4=	5.6	5.6 nm 1.1 hrs
C mark	Off LCYC	Finish		4.0	9.6 nm 1.9 hrs

NORTH [Start at C mark] NM Sailed Ttl NM Time@5knts

<u>Course 6</u> - W/L		N wind	9.6 nm RLD			
C mark	Off LCYC	Start				
A mark	Appletree	to port	4.8x1.4=	6.7	6.7 nm	1.3 hrs
C mark	Off LCYC	Finish		4.8	11.5 nm	2.3 hrs
<u>Course 7</u> - W/L		N wind	14.2 nm RLD			
C mark	Off LCYC	Start				
A mark	Appletree	to port	4.8x1.4=	6.7		
P mark	Proctor	to port		2.3	9.0 nm	2.0 hrs
A mark	Appletree	to port	2.3x1.4=	3.2	12.2 nm	2.4 hrs
P mark	Proctor	to port		2.3	14.5 nm	2.9 hrs
C mark	Off LCYC	Finish		2.5	17.0 nm	3.4 hrs
<u>Course 8</u> - Triangle+		N wind	16.9 nm RLD			
C mark	Off LCYC	Start				
A mark	Appletree	to port	4.8x1.4=	6.7		
F mark	Four Bros	to port		3.3	10.0 nm	2.0 hrs
G mark	Saxton Reef	to port		3.0	13.0 nm	2.6 hrs
P mark	Proctor	to stbd	3.3x1.4=	4.6	17.6 nm	3.5 hrs
C mark	Off LCYC	Finish		2.5	20.1 nm	4.0 hrs
<u>Course 9</u> - W/L+		N wind	17.6 nm RLD			
C mark	Off LCYC	Start				
A mark	Appletree	to port	4.8x1.4=	6.7		
Q mark	Quaker Smith	to port		5.9	12.6 nm	2.5 hrs
P mark	Proctor	to stbd	4.4x1.4=	6.2	18.8 nm	3.8 hrs
C mark	Off LCYC	Finish		2.5	21.3 nm	4.3 hrs
<u>Course 10</u> - Triangle+		N wind	18.6 nm RLD			
C mark	Off LCYC	Start				
A mark	Appletree	to port	4.8x1.4=	6.7		
F mark	Four Bros	to port		3.3	10.0 nm	2.0 hrs
Q mark	Quaker Smith	to port		3.6	13.6 nm	2.7 hrs
P mark	Proctor	to stbd	4.4x1.4=	6.2	19.8 nm	4.0 hrs
C mark	Off LCYC	Finish		2.5	22.3 nm	4.5 hrs
<u>Course 11</u> - W/L+		N wind	19.2 nm RLD			
C mark	Off LCYC	Start				
A mark	Appletree	to port	4.8x1.4=	6.7		
G mark	Saxton Reef	to port		4.8	11.5 nm	2.3 hrs
A mark	Appletree	to stbd	4.8x1.4=	6.7	18.2 nm	3.6 hrs
P mark	Proctor	to port		2.3	20.5 nm	4.1 hrs
C mark	Off LCYC	Finish		2.5	23.0 nm	4.6 hrs

<u>Course 12</u> - Triangle+		N wind	26.5 nm RLD			
C mark	Off LCYC	Start				
A mark	Appletree	to port	4.8x1.4=	6.7		
F mark	Four Bros	to port		3.3	10.0 nm	2.0 hrs
G mark	Saxton Reef	to port		3.0	13.0 nm	2.6 hrs
A mark	Appletree	to port	4.8x1.4=	6.7	19.7 nm	3.9 hrs
G mark	Saxton Reef	to port		4.8	24.5 nm	4.9 hrs
P mark	Proctor	to stbd	3.3x1.4=	4.6	29.1 nm	5.8 hrs
C mark	Off LCYC	Finish		2.5	31.6 nm	6.3 hrs
<u>NORTH</u>	[Start at E mark]		<u>NM Sailed</u>		<u>Ttl NM</u>	<u>Time@5knts</u>

<u>Course 13</u> - W/L		N wind	8.0 nm RLD			
E mark	East Bay	Start				
A mark	Appletree	to port	4.0x1.4=	5.6	5.6 nm	1.1 hrs
E mark	East Bay	Finish		4.0	9.6 nm	1.9 hrs
<u>Course 14</u> - W/L+	N wind		9.0 nm RLD			
E mark	East Bay	Start				
A mark	Appletree	to port	4.0x1.4=	5.6		
E mark	East Bay	to stbd		4.0	9.6 nm	1.9 hrs
C mark	Off LCYC	Finish		1.0	10.6 nm	2.1 hrs

<u>NORTH</u>	[Start at P mark]		<u>NM Sailed</u>		<u>Ttl NM</u>	<u>Time@5knts</u>
<u>Course 15</u> - W/L		N wind	9.2 nm RLD			
P mark	Proctor	Start				
A mark	Appletree	to port	2.3x1.4=	3.2		
P mark	Proctor	to port		2.3	5.5 nm	1.1 hrs
A mark	Appletree	to port	2.3x1.4=	3.2	8.7 nm	1.7 hrs
P mark	Proctor	Finish		2.3	11.0 nm	2.2 hrs

<u>Course 16</u> - W/L		N wind	11.7 nm RLD			
P mark	Proctor	Start				
A mark	Appletree	to port	2.3x1.4=	3.2		
P mark	Proctor	to port		2.3	5.5 nm	1.1 hrs
A mark	Appletree	to port	2.3x1.4=	3.2	8.7 nm	1.7 hrs
P mark	Proctor	to port		2.3	11.0 nm	2.2 hrs
C mark	Off LCYC	Finish		2.5	13.5 nm	2.7 hrs

<u>Course 17</u> – Triangle		N Wind	14.4 nm RLD			
P mark	Proctor	Start				
A mark	Appletree	to stbd	2.3x1.4	3.2		
B mark	Breakwater	to stbd		2.1	5.3 nm	1.1 hrs
P mark	Proctor	to stbd		1.9	7.2 nm	1.4 hrs
A mark	Appletree	to stbd	2.3x1.4	3.2	10.4 nm	2.1 hrs
B mark	Breakwater	to stbd		2.1	12.5 nm	2.5 hrs
P mark	Proctor	Finish		1.9	14.4 nm	2.9 hrs

<u>Course 18</u> - Triangle+		N wind	14.4 nm RLD			
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P mark	Proctor	Start				
A mark	Appletree	to port	2.3x1.4=	3.2		
F mark	Four Bros	to port		3.3	6.5 nm	1.3 hrs
G mark	Saxton Reef	to port		3.0	9.5 nm	1.9 hrs
P mark	Proctor	to stbd	3.3x1.4=	4.6	14.1 nm	2.8 hrs
C mark	Off LCYC	Finish		2.5	16.6 nm	3.3 hrs

Course 18S - Triangle+ N wind 11.5 nm RLD

P mark	Proctor	Start				
A mark	Appletree	to port	2.3x1.4=	3.2		
F mark	Four Bros	to port		3.3	6.5 nm	1.3 hrs
P mark	Proctor	to stbd		4.4	10.9 nm	2.2 hrs
C mark	Off LCYC	Finish		2.5	13.4 nm	2.7 hrs

Course 19 - Triangle+ N wind 16.1 nm RLD

P mark	Proctor	Start				
A mark	Appletree	to port	2.3x1.4=	3.2		
F mark	Four Bros	to port		3.3	6.5 nm	1.3 hrs
Q mark	Quaker Smith	to port		3.6	10.1 nm	2.0 hrs
P mark	Proctor	to stbd	4.4x1.4=	6.2	16.3 nm	3.3 hrs
C mark	Off LCYC	Finish		2.5	18.8 nm	3.8 hrs

Course 19S - Triangle+ N wind 11.5 nm RLD

P mark	Proctor	Start				
A mark	Appletree	to port	2.3x1.4=	3.2		
F mark	Four Bros	to port		3.3	6.5 nm	1.3 hrs
P mark	Proctor	to stbd		4.4	10.9 nm	2.5 hrs
C mark	Off LCYC	Finish		2.5	13.4 nm	2.7 hrs

NORTHWEST [Start at E mark] NM Sailed Ttl NM Time@5knts

Course 20 - W/L+ NW wind 9.0 nm RLD

E mark	East Bay	Start				
A mark	Appletree	to port	4.0x1.4=	5.6		
E mark	East Bay	to stbd		4.0	9.6 nm	1.9 hrs
C mark	Off LCYC	Finish		1.0	10.6 nm	2.1 hrs

Course 21 - W/L NW wind 13.2 nm RLD

E mark	East Bay	Start				
P mark	Proctor	to port	1.8x1.4=	2.5		
X mark	Schuyler Reef	to port	4.8x1.4=	6.7	9.2 nm	
P mark	Proctor	to stbd		4.8	14.0 nm	2.8 hrs
E mark	East Bay	Finish		1.8	15.8 nm	3.2 hrs

Course 22 - Triangle+ NW wind 13.7 nm RLD

E mark	East Bay	Start				
P mark	Proctor	to port	1.8x1.4=	2.5		
X mark	Schuyler Reef	to stbd	4.8x1.4=	6.7	9.2 nm	1.8 hrs

A mark	Appletree	to stbd	3.0	12.2 nm	2.4 hrs
P mark	Proctor	to port	2.3	14.5 nm	2.9 hrs
E mark	East Bay	Finish	1.8	16.3 nm	3.3 hrs

<u>Course 23</u> - Triangle+		NW wind	15.0 nm RLD		
E mark	East Bay	Start			
P mark	Proctor	to port	1.8x1.4= 2.5		
X mark	Schuyler Reef	to port	4.8x1.4= 6.7	9.2 nm	1.8 hrs
F mark	Four Bros	to port	3.2	12.4 nm	2.5 hrs
P mark	Proctor	to stbd	3.4	15.8 nm	3.2 hrs
E mark	East Bay	Finish	1.8	17.6 nm	3.6 hrs

<u>Course 24</u> - Triangle+		NW wind	17.7 nm RLD		
E mark	East Bay	Start			
P mark	Proctor	to port	1.8x1.4= 2.5		
X mark	Schuyler Reef	to port	4.8x1.4= 6.7	9.2 nm	1.8 hrs
G mark	Saxton Reef	to port	6.0	15.2 nm	3.0 hrs
P mark	Proctor	to stbd	3.3x1.4= 4.6	19.8 nm	4.0 hrs
E mark	East Bay	Finish	1.8	21.6 nm	4.3 hrs

NORTHWEST [Start at O mark] NM Sailed Ttl NM Time@5knts

<u>Course 25</u> - 2WL		NW wind	9.6 nm RLD		
O mark	Blodgett	Start			
A mark	Appletree	to port	2.4x1.4= 3.4		
O mark	Blodgett	to port	2.4	5.8 nm	1.2 hrs
A mark	Appletree	to port	2.4x1.4= 3.4	9.2 nm	1.8 hrs
O mark	Blodgett	Finish	2.4	11.6 nm	2.3 hrs

NORTHWEST [Start at P mark] NM Sailed Ttl NM Time@5knts

<u>Course 26</u> - W/L		NW wind	9.6 nm RLD		
P mark	Proctor	Start			
X mark	Schuyler Reef	to port	4.8x1.4= 6.7	6.7 nm	1.3 hrs
P mark	Proctor	Finish	4.8	11.5 nm	2.3 hrs

<u>Course 27</u> - Triangle		NW wind	11.4 nm RLD		
P mark	Proctor	Start			
X mark	Schuyler Reef	to port	4.8x1.4= 6.7		
F mark	Four Bros	to port	3.2	9.9 nm	2.0 hrs
P mark	Proctor	Finish	3.4	13.3 nm	2.7 hrs

<u>Course 28</u> - W/L+		NW wind	11.4 nm RLD		
P mark	Proctor	Start			
X mark	Schuyler Reef	to port	4.8x1.4= 6.7		
P mark	Proctor	to stbd	4.8	11.5 nm	2.3 hrs
E mark	East Bay	Finish	1.8	13.3 nm	2.7 hrs

<u>Course 29</u> - Triangle+		NW wind		11.9 nm RLD		
P mark	Proctor		Start			
X mark	Schuyler Reef		to stbd	4.8x1.4= 6.7		
A mark	Appletree		to stbd	3.0	9.7 nm	1.9 hrs
P mark	Proctor		to port	2.3	12.0 nm	2.4 hrs
E mark	East Bay		Finish	1.8	13.8 nm	2.8 hrs

<u>Course 30</u> - Triangle+		NW wind		13.2 nm RLD		
P mark	Proctor		Start			
X mark	Schuyler Reef		to port	4.8x1.4= 6.7		
F mark	Four Bros		to port	3.2	6.9 nm	1.4 hrs
P mark	Proctor		to stbd	3.4	13.3 nm	2.7 hrs
E mark	East Bay		Finish	1.8	15.1 nm	3.0 hrs

WEST-NW [Start at A mark] NM Sailed Ttl NM Time@5knts

<u>Course 31</u> - 2WL		WNW wind		20.4 nm RLD		
A mark	Appletree		Start			
X mark	Schuyler Reef		to port	3.0x1.4= 4.2		
B mark	Breakwater		to port	5.1	9.3 nm	1.9 hrs
X mark	Schuyler Reef		to port	5.1x1.4= 7.1	16.4 nm	3.3 hrs
B mark	Breakwater		to port	5.1	21.5 nm	4.3 hrs
A mark	Appletree		Finish	2.1	23.6 nm	4.7 hrs

WEST-NW [Start at B mark] NM Sailed Ttl NM Time@5knts

<u>Course 32</u> - 2WL		WNW wind		8.4 nm RLD		
B mark	Breakwater		Start			
A mark	Appletree		to port	2.1x1.4= 2.9		
B mark	Breakwater		to port	2.1	5.0 nm	1.0 hrs
A mark	Appletree		to port	2.1x1.4= 2.9	7.9 nm	1.6 hrs
B mark	Breakwater		Finish	2.1	10.0 nm	2.0 hrs

<u>Course 33</u> - W/L/W		WNW wind		12.3 nm RLD		
B mark	Breakwater		Start			
X mark	Schuyler Reef		to port	5.1x1.4= 7.1		
B mark	Breakwater		to port	5.1	12.2 nm	2.4 hrs
A mark	Appletree		Finish	2.1x1.4= 2.9	15.1 nm	3.0 hrs

<u>Course 34</u> - Triangle		WNW wind		13.1 nm RLD		
B mark	Breakwater		Start			
X mark	Schuyler Reef		to port	5.1x1.4= 7.1		
F mark	Four Brothers		to port	3.2	10.3 nm	2.1 hrs
B mark	Breakwater		Finish	4.8	15.1 nm	3.0 hrs

<u>Course 35</u> - Triangle+		WNW wind		13.5 nm RLD		
B mark	Breakwater		Start			

X mark	Schuyler Reef	to port	5.1x1.4=	7.1		
F mark	Four Brothers	to port		3.2	10.3 nm	2.1 hrs
P mark	Proctor mark	to stbd		3.4	13.7 nm	2.7 hrs
E mark	East Bay	Finish		1.8	15.5 nm	3.1 hrs

Course 36 - Triangle WNW wind 13.6 nm RLD

B mark	Breakwater	Start				
X mark	Schuyler Reef	to port	5.1x1.4=	7.1		
F mark	Four Brothers	to port		3.2	10.3 nm	2.1 hrs
P mark	Proctor mark	to port		3.4	13.7 nm	2.7 hrs
B mark	Breakwater	Finish		1.9	15.6 nm	3.2 hrs

Course 37 - Triangle WNW wind 16.2 nm RLD

B mark	Breakwater	Start				
X mark	Schuyler Reef	to port	5.1x1.4=	7.1		
G mark	Saxton Reef	to port		6.0	13.1 nm	2.6 hrs
B mark	Breakwater	Finish		5.1	18.2 nm	3.6 hrs

Course 38 - Triangle WNW wind 16.2 nm RLD

B mark	Breakwater	Start				
X mark	Schuyler Reef	to port	5.1x1.4=	7.1		
G mark	Saxton Reef	to port		6.0	13.1 nm	2.6 hrs
P mark	Proctor mark	to stbd		3.3	16.4 nm	3.3 hrs
E mark	East Bay	Finish		1.8	18.2 nm	3.6 hrs

Course 39 - Triangle WNW wind 16.3 nm RLD

B mark	Breakwater	Start				
X mark	Schuyler Reef	to port	5.1x1.4=	7.1		
G mark	Saxton Reef	to port		6.0	13.1 nm	2.6 hrs
P mark	Proctor mark	to stbd		3.3	16.4 nm	3.3 hrs
B mark	Breakwater	Finish		1.9	18.3 nm	3.7 hrs

Course 40 - Triangle WNW wind 18.0 nm RLD

B mark	Breakwater	Start				
X mark	Schuyler Reef	to port	5.1x1.4=	7.1		
Q mark	Quaker Smith	to port		6.7	13.8 nm	2.8 hrs
B mark	Breakwater	Finish		6.2	20.0 nm	4.0 hrs

Course 41 - Triangle+ WNW wind 18.0 nm RLD

B mark	Breakwater	Start				
X mark	Schuyler Reef	to port	5.1x1.4=	7.1		
Q mark	Quaker Smith	to port		6.7	13.8 nm	2.8 hrs
P mark	Proctor mark	to stbd		4.4	18.2 nm	3.6 hrs
E mark	East Bay	Finish		1.8	20.0 nm	4.0 hrs

Course 42 - Triangle WNW wind 18.1 nm RLD

B mark	Breakwater	Start				
X mark	Schuyler Reef	to port	5.1x1.4=	7.1		

Q mark	Quaker Smith	to port	6.7	13.8 nm	2.8 hrs
P mark	Proctor mark	to stbd	4.4	18.2 nm	3.6 hrs
B mark	Breakwater	Finish	1.9	20.1 nm	4.0 hrs

WEST [Start at P mark] NM Sailed Ttl NM Time@5knts

Course 43 - W/L+ W wind 8.6 nm RLD

P mark	Proctor	Start			
F mark	Four Bros	to port	3.4x1.4= 4.8		
P mark	Proctor	to stbd	3.4	8.2 nm	1.6 hrs
E mark	East Bay	Finish	1.8	10.0 nm	2.0 hrs

Course 44 - Triangle+ W wind 11.5 nm RLD

P mark	Proctor	Start			
F mark	Four Bros	to port	3.4x1.4= 4.8		
G mark	Saxton Reef	to port	3.0	7.8 nm	1.6 hrs
P mark	Proctor	to stbd	3.3	11.1 nm	2.2 hrs
E mark	East Bay	Finish	1.8	12.9 nm	2.6 hrs

WEST-SW [Start at B mark] NM Sailed Ttl NM Time@5knts

Course 45 - W/L WSW wind 7.6 nm RLD

B mark	Breakwater	Start			
P mark	Proctor	to port	1.9x1.4= 2.7		
B mark	Breakwater	to port	1.9	4.6 nm	0.9 hrs
P mark	Proctor	to port	1.9x1.4= 2.7	7.3 nm	1.5 hrs
B mark	Breakwater	Finish	1.9	9.2 nm	1.8 hrs

Course 46 - W/L WSW wind 9.6 nm RLD

B mark	Breakwater	Start			
F mark	Four Brothers	to port	4.8x1.4= 6.7		1.2 hrs
B mark	Breakwater	Finish	4.8	11.5 nm	2.3 hrs

Course 47 - W/L WSW wind 10.1 nm RLD

B mark	Breakwater	Start			
F mark	Four Brothers	to port	4.8x1.4= 6.7		1.2 hrs
P Mark	Proctor	to port	3.4	10.1 nm	2.0 hrs
B mark	Breakwater	Finish	1.9	12.0 nm	2.4 hrs

Course 48 – Triangle+ WSW wind 12.8 nm RLD

B mark	Breakwater	Start			
F mark	Four Brothers	to port	4.8x1.4= 6.7		1.2 hrs
P Mark	Proctor	to port	3.4	10.1 nm	2.0 hrs
B mark	Breakwater	to port	1.9	12.0 nm	2.4 hrs
P Mark	Proctor	Finish	1.9x1.4= 2.7	14.7 nm	2.9 hrs

Course 49 – Triangle WSW wind 13.1 nm RLD

B mark	Breakwater	Start			
F mark	Four Brothers	to stbd	4.8x1.4= 6.7 nm		1.2 hrs
X mark	Schuyler Reef	to stbd	3.2 nm	9.9 nm	2.0 hrs

B mark	Breakwater	Finish	5.1 nm	15.0 nm	3.0 hrs
<u>Course 50</u> – Triangle		WSW wind	13.1 nm RLD		
B mark	Breakwater	Start			
F mark	Four Brothers	to stbd	4.8x1.4= 6.7 nm		1.2 hrs
X mark	Schuyler Reef	to stbd	3.2 nm	9.9 nm	2.0 hrs
A mark	Appletree	to stbd	3.0 nm	12.9 nm	2.6 hrs
B mark	Breakwater	Finish	2.1 nm	15.0 nm	3.0 hrs
<u>Course 51</u> - W/L		WSW wind	13.9 nm RLD		
B mark	Breakwater	Start			
F mark	Four Brothers	to port	4.8x1.4= 6.7		1.2 hrs
P Mark	Proctor	to port	3.4	10.1 nm	2.0
B mark	Breakwater	to port	1.9	12.0 nm	2.4
P Mark	Proctor	to port	1.9x1.4= 2.7	14.7 nm	2.9
B Mark	Breakwater	Finish	1.9	16.1 nm	3.2
<u>WEST-SW</u>	[Start at O mark]		<u>NM Sailed</u>	<u>Ttl NM</u>	<u>Time@5knts</u>
<u>Course 52</u> - W/L		WSW wind	9.0 nm RLD		
O mark	Oakledge	Start			
F mark	Four Brothers	to port	4.5x1.4= 6.3		1.3 hrs
O mark	Oakledge	Finish	4.5	10.8 nm	2.2 hrs
<u>Course 53</u> - W/L		WSW wind	9.2 nm RLD		
O mark	Oakledge	Start			
F mark	Four Brothers	to port	4.5x1.4= 6.3		
P Mark	Proctor	to port	3.0	9.3 nm	1.9 hrs
O mark	Oakledge	Finish	1.7	11.0	2.2 hrs
<u>Course 54</u> – Triangle+		WSW wind	10.9 nm RLD		
O mark	Oakledge	Start			
F mark	Four Brothers	to port	4.5x1.4= 6.3		
P Mark	Proctor	to port	3.0	9.3 nm	1.9 hrs
O mark	Oakledge	to port	1.7	11.0 nm	2.2 hrs
P Mark	Proctor	Finish	1.7x1.4= 2.4	13.4 nm	2.7 hrs
<u>Course 55</u> – Triangle+		WSW wind	12.6 nm RLD		
O mark	Oakledge	Start			
F mark	Four Brothers	to port	4.5x1.4= 6.3		
P Mark	Proctor	to port	3.0	9.3 nm	1.9 hrs
O mark	Oak Ledge	to port	1.7	11.0 nm	2.2 hrs
P Mark	Proctor	to port	1.7x1.4= 2.4	13.4 nm	2.7 hrs
O mark	Oakledge	Finish	1.7	15.1 hrs	3.0 hrs
<u>SOUTHWEST</u>	[Start at B mark]		<u>NM Sailed</u>	<u>Ttl NM</u>	<u>Time@5knts</u>
<u>Course 56</u> - Triangle		SW wind	6.3 nm RLD		
B mark	Breakwater	Start			
P mark	Proctor	to stbd	1.9x1.4= 2.7		
A mark	Appletree	to stbd	2.3	5.0 nm	1.0 hrs

B mark	Breakwater	Finish	2.1	7.1 nm	1.4 hrs
<u>Course 57</u> - W/L		SW wind	10.2 nm RLD		
B mark	Breakwater	Start			
G mark	Saxton Reef	to port	5.1x1.4= 7.1		1.4 hrs
B mark	Breakwater	Finish	5.1	12.2 nm	2.4 hrs
<u>Course 58</u> - 2Triangles		SW wind	12.6 nm RLD		
B mark	Breakwater	Start			
P mark	Proctor	to stbd	1.9x1.4= 2.7		
A mark	Appletree	to stbd	2.3		
B mark	Breakwater	to stbd	2.1	7.1 nm	1.4 hrs
P mark	Proctor	to stbd	1.9x1.4= 2.7	9.8 nm	2.0 hrs
A mark	Appletree	to stbd	2.3	12.1 nm	2.7 hrs
B mark	Breakwater	Finish	2.1	14.2 nm	2.8 hrs
<u>Course 59</u> - Triangle		SW wind	12.9 nm RLD		
B mark	Breakwater	Start			
G mark	Saxton Reef	to stbd	5.1x1.4= 7.1		
F mark	Four Bros	to stbd	3.0	10.1 nm	2.0 hrs
B mark	Breakwater	Finish	4.8	14.9 nm	3.0 hrs
<u>Course 60</u> - W/L		SW wind	12.4 nm RLD		
B mark	Breakwater	Start			
Q mark	Quaker Smith	to port	6.2x1.4= 8.7	8.7 nm	1.7 hrs
B mark	Breakwater	Finish	6.2	14.9 nm	3.0 hrs
<u>Course 61</u> - 2Triangs+		SW wind	15.3 nm RLD		
B mark	Breakwater	Start			
P mark	Proctor	to stbd	1.9x1.4= 2.7		
A mark	Appletree	to stbd	2.3	5.0 nm	1.0 hrs
B mark	Breakwater	to stbd	2.1	7.1 nm	1.4 hrs
P mark	Proctor	to stbd	1.9x1.4= 2.7	9.8 nm	2.0 hr
A mark	Appletree	to stbd	2.3	12.1 nm	2.4 hrs
B mark	Breakwater	to stbd	2.1	14.2 nm	2.8 hrs
P mark	Proctor	Finish	1.9x1.4= 2.7	16.9 nm	3.4 hrs
<u>Course 62</u> - Triangle		SW wind	14.6 nm RLD		
B mark	Breakwater	Start			
Q mark	Quaker Smith	to stbd	6.2x1.4= 8.7		1.7 hrs
F mark	Four Bros	to stbd	3.6	12.3 nm	2.5 hrs
B mark	Breakwater	Finish	4.8	17.1 nm	3.4 hrs

<u>SOUTHWEST</u>	[Start at E mark]		<u>NM Sailed</u>	<u>Ttl NM</u>	<u>Time@5knts</u>
<u>Course 63</u> - W/L+	SW wind		12.6 nm RLD		
E mark	East Bay	Start			
C mark	Off LCYC	to stbd	1.0x1.4= 1.4		
P mark	Proctor	to port	2.5		
G mark	Saxton Reef	to port	3.3x1.4= 4.6	8.5 nm	1.7 hrs
P mark	Proctor	to stbd	3.3	11.8 nm	2.4 hrs
C mark	Off LCYC	Finish	2.5x1.4= 3.5	15.3 nm	3.1 hrs

<u>Course 64</u> - Triangle+	SW wind		15.0 nm RLD		
E mark	East Bay	Start			
C mark	Off LCYC	to stbd	1.0x1.4= 1.4		
A mark	Appletree	to port	4.8	6.2 nm	1.2 hrs
F mark	Four Bros	to port	3.3x1.4= 4.6	10.8 nm	2.2 hrs
P mark	Proctor	to stbd	3.4	14.2 nm	2.8 hrs
C mark	Off LCYC	Finish	2.5x1.4= 3.5	17.7 nm	3.5 hrs

<u>Course 65</u> - Triangle+	SW wind		17.2 nm RLD		
E mark	East Bay	Start			
C mark	Off LCYC	to stbd	1.0x1.4= 1.4		
A mark	Appletree	to port	4.8	6.2 nm	1.2 hrs
F mark	Four Bros	to port	3.3x1.4= 4.6	10.8 nm	2.2 hrs
A mark	Appletree	to stbd	3.3	14.1 nm	2.8 hrs
P mark	Proctor	to port	2.3x1.4= 3.2	17.3 nm	3.5 hrs
C mark	Off LCYC	Finish	2.5x1.4= 3.5	20.8 nm	4.2 hrs

<u>SOUTHWEST</u>	[Start at P mark]		<u>NM Sailed</u>	<u>Ttl NM</u>	<u>Time@5knts</u>
<u>Course 66</u> - W/L	SW wind		6.6 nm RLD		
RD mark	Rock Dunder	Start			
G mark	Saxton Reef	to port	3.2x1.4= 4.5	4.5 nm	0.9 hrs
P mark	Proctor	Finish	3.3	7.9 nm	1.6 hrs

<u>Course 67</u> - W/L+	SW wind		9.0 nm RLD		
RD mark	Rock Dunder	Start			
G mark	Saxton Reef	to port	3.3x1.4= 4.5		
P mark	Proctor	to stbd	3.3	7.8 nm	1.5 hrs
C mark	Off LCYC	Finish	2.5	10.3 nm	2.0 hrs

<u>Course 68</u> - W/L	SW wind		8.7 nm RLD		
RD mark	Rock Dunder	Start			
Q mark	Quaker Smith	to port	4.4x1.4= 6.0	6.0 nm	1.1 hrs
P mark	Proctor	Finish	4.4	10.4 nm	2.0 hrs

<u>Course 69</u> - Triangle	SW wind		9.6 nm RLD		
RD mark	Rock Dunder	Start			
G mark	Saxton Reef	to stbd	3.3x1.4= 4.5		0.9 hrs
F mark	Four Bros	to stbd	3.0	7.5 nm	1.5 hrs
P mark	Proctor	Finish	3.4	10.9 nm	2.2 hrs

<u>Course 70</u> - W/L/W		SW wind	10.2 nm RLD		
RD mark	Rock Dunder	Start			
G mark	Saxton Reef	to port	3.3x1.4= 4.5		0.9 hrs
B mark	Breakwater	to port	5.1	9.6 nm	1.9 hrs
P mark	Proctor	Finish	1.9x1.4= 2.7	12.3 nm	2.5 hrs
<u>Course 71</u> - W/L/W		SW wind	10.2 nm RLD		
RD mark	Rock Dunder	Start			
G mark	Saxton Reef	to port	3.3x1.4= 4.5		0.9 hrs
P mark	Proctor	to port	3.3	7.8 nm	1.6 hrs
B mark	Breakwater	to port	1.9	9.7 nm	1.9 hrs
P mark	Proctor	Finish	1.9x1.4= 2.7	12.4 nm	2.5 hrs
<u>Course 72</u> - Triangle		SW wind	11.3 nm RLD		
RD mark	Rock Dunder	Start			
Q mark	Quaker Smith	to stbd	4.3x1.4= 6.0		1.1 hrs
F mark	Four Bros	to stbd	3.6	9.6 nm	1.9 hrs
P mark	Proctor	Finish	3.4	13.0 nm	2.5 hrs
<u>Course 73</u> - Triangle+		SW wind	12.1 nm RLD		
RD mark	Rock Dunder	Start			
G mark	Saxton Reef	to stbd	3.3x1.4= 4.5		0.9 hrs
F mark	Four Bros	to stbd	3.0	7.5 nm	1.5 hrs
P mark	Proctor	to stbd	3.4	10.9 nm	2.2 hrs
C mark	Off LCYC	Finish	2.5x1.4= 3.5	14.4 nm	2.9 hrs
<u>Course 74</u> - Tria/W		SW wind	12.9 nm RLD		
RD mark	Rock Dunder	Start			
G mark	Saxton Reef	to stbd	3.2x1.4= 4.5		0.9 hrs
F mark	Four Brothers	to stbd	3.0	7.5 nm	1.5 hrs
B mark	Breakwater	to stbd	4.8	12.3 nm	2.5 hrs
P mark	Proctor	Finish	1.9x1.4= 2.7	15.0 nm	3.0 hrs
<u>Course 75</u> - W/L/W		SW wind	12.4 nm RLD		
RD mark	Rock Dunder	Start			
Q mark	Quaker Smith	to port	4.3x1.4= 6.0		1.1 hrs
B mark	Breakwater	to port	6.2	12.2 nm	2.4 hrs
P mark	Proctor	Finish	1.9x1.4= 2.7	14.9 nm	3.0 hrs
<u>Course 76</u> - 2WL		SW wind	13.1 nm RLD		
RD mark	Rock Dunder	Start			
G mark	Saxton Reef	to port	3.2x1.4= 4.5		0.9 hrs
P mark	Proctor	to port	3.3	7.8 nm	1.6 hrs
G mark	Saxton Reef	to port	3.3x1.4= 4.6	12.4 nm	2.5 hrs
P mark	Proctor	Finish	3.3	15.7 nm	3.2 hrs
<u>Course 77</u> - Triangle+		SW wind	13.9 nm RLD		
RD mark	Rock Dunder	Start			
Q mark	Quaker Smith	to stbd	4.4x1.4= 6.2		1.2 hrs
F mark	Four Bros	to stbd	3.6	9.8 nm	1.9 hrs
P mark	Proctor	to stbd	3.4	13.2 nm	2.6 hrs

C mark	Off LCYC	Finish	2.5x1.4=	3.5	16.7 nm	3.3 hrs
<u>Course 78</u> - W/L+		SW wind	14.1 nm RLD			
RD mark	Rock Dunder	Start				
G mark	Saxton Reef	to port	3.3x1.4=	4.6		0.9 hrs
B mark	Breakwater	to port		5.1	9.7 nm	1.9 hrs
P mark	Proctor	to port	1.9x1.4=	2.7	12.4 nm	2.5 hrs
B mark	Breakwater	to port		1.9	14.3 nm	2.9 hrs
P mark	Proctor	Finish	1.9x1.4=	2.7	17.0 nm	3.4 hrs
<u>Course 79</u> - Tria/W		SW wind	12.5 nm RLD			
RD mark	Rock Dunder	Start				
Q mark	Quaker Smith	to stbd	4.4x1.4=	6.2		1.2 hrs
F mark	Four Brothers	to stbd		3.6	9.8 nm	1.9 hrs
B mark	Breakwater	to stbd		4.8	14.6 nm	2.9 hrs
P mark	Proctor	Finish	1.9x1.4=	2.7	17.3 nm	3.5 hrs
<u>Course 80</u> - Tria-W/L		SW wind	16.2 nm RLD			
RD mark	Rock Dunder	Start				
G mark	Saxton Reef	to stbd	3.3x1.4=	4.6		0.9 hrs
F mark	Four Brothers	to stbd		3.0	7.6 nm	1.5 hrs
P mark	Proctor	to stbd		3.4	11.0 nm	2.2 hrs
G mark	Saxton Reef	to stbd	3.3x1.4=	4.6	15.6 nm	3.1 hrs
P mark	Proctor	Finish		3.3	18.9 nm	3.8 hrs
<u>Course 81</u> - W/L+		SW wind	16.2 nm RLD			
RD mark	Rock Dunder	Start				
Q mark	Quaker Smith	to port	4.3x1.4=	6.0		1.1 hrs
B mark	Breakwater	to port		6.2	12.2 nm	2.4 hrs
P mark	Proctor	to port	1.9x1.4=	2.7	14.9 nm	2.9 hrs
B mark	Breakwater	to port		1.9	16.8 nm	3.3 hrs
P mark	Proctor	Finish	1.9x1.4=	2.7	19.5 nm	3.8 hrs
<u>Course 82</u> - Tria/W		SW wind	16.1 nm RLD			
RD mark	Rock Dunder	Start				
Q mark	Quaker Smith	to stbd	4.3x1.4=	6.0		1.1 hrs
F mark	Four Bros	to stbd		3.6	9.6 nm	1.8 hrs
A mark	Appletree	to stbd		3.3	12.9 nm	2.5 hrs
C mark	Off LCYC	Finish	4.8x1.4=	6.7	19.6 nm	4.0 hrs
<u>Course 83</u> - Triangle+		SW wind	16.1 nm RLD			
RD mark	Rock Dunder	Start				
Q mark	Quaker Smith	to stbd	4.3x1.4=	6.0		1.1 hrs
F mark	Four Bros	to stbd		3.6	9.6 nm	1.8 hrs
A mark	Appletree	to stbd		3.3	12.9 nm	2.5 hrs
P mark	Proctor	to port	2.3x1.4=	3.2	16.1 nm	3.2 hrs
C mark	Off LCYC	Finish	2.5x1.4=	3.5	19.6 nm	4.0 hrs
<u>Course 84</u> - Tria-W/L		SW wind	18.0 nm RLD			
RD mark	Rock Dunder	Start				
Q mark	Quaker Smith	to stbd	4.4x1.4=	6.0		1.1 hrs

F mark	Four Bros	to stbd		3.6	9.6 nm	1.8 hrs
P mark	Proctor	to stbd		3.4	13.0 nm	2.5 hrs
G mark	Saxton Reef	to stbd	3.3x1.4=	4.6	17.6 nm	3.5 hrs
P mark	Proctor	Finish		3.3	20.9 nm	4.1 hrs

Course 85 - 2WL

	SW wind			17.5 nm RLD		
RD mark	Rock Dunder	Start				
Q mark	Quaker Smith	to port	4.3x1.4=	6.0		1.1 hrs
P mark	Proctor	to port		4.4	10.4 nm	2.1 hrs
Q mark	Quaker Smith	to port	4.4x1.4=	6.2	16.5 nm	3.2 hrs
P mark	Proctor	Finish		4.4	20.9 nm	4.1 hrs

SOUTH

[Start at S mark]

NM Sailed

Ttl NM

Time@5knts

Course 86 - W/L

	S wind			11.2 nm RLD		
S mark	Shipyard	Start				
C mark	Off LCYC	to port	1.6x1.4=	2.2		
A mark	Appletree	to port		4.8		
C mark	Off LCYC	Finish	4.8x1.4=	6.7	13.7 nm	2.7 hrs

Course 87 - W/L

	S wind			11.2 nm RLD		
S mark	Shipyard	Start				
C mark	Off LCYC	to port	1.6x1.4=	2.2		
A mark	Appletree	to port		4.8	7.0 nm	1.4 hrs
P mark	Proctor	to port	2.3x1.4=	3.2	10.2 nm	2.0 hrs
C mark	Off LCYC	Finish	2.5x1.4=	3.5	13.7 nm	2.7 hrs

Course 88 - W/L

	S wind			15.8 nm RLD		
S mark	Shipyard	Start				
C mark	Off LCYC	to port	1.6x1.4=	2.2		
A mark	Appletree	to port		4.8	7.0 nm	1.4 hrs
P mark	Proctor	to port	2.3x1.4=	3.2	10.2 nm	2.0 hrs
A mark	Appletree	to port		2.3	12.5 nm	2.5 hrs
P mark	Proctor	to port	2.3x1.4=	3.2	15.7 nm	3.1 hrs
C mark	Off LCYC	Finish	2.5x1.4=	3.5	19.2 nm	3.8 hrs

Course 89 - Triangle+

	S wind			17.0 nm RLD		
S mark	Shipyard	Start				
C mark	Off LCYC	to port	1.6x1.4=	2.2		
A mark	Appletree	to port		4.8	7.0 nm	1.4 hrs
G mark	Saxton Reef	to port	4.8x1.4=	6.7	13.7 nm	2.7 hrs
P mark	Proctor	to stbd		3.3	17.0 nm	3.4 hrs
C mark	Off LCYC	Finish	2.5x1.4=	3.5	20.5 nm	4.1 hrs

Course 90 - Triangle+

	S wind			19.2 nm RLD		
S mark	Shipyard	Start				
C mark	Off LCYC	to port	1.6x1.4=	2.2		
A mark	Appletree	to port		4.8	7.0nm	1.4 hrs
Q mark	Quaker Smith	to port	5.9x1.4=	8.3	15.3 nm	3.1 hrs

P mark	Proctor	to stbd	4.4	19.7 nm	3.9 hrs
C mark	Off LCYC	Finish	2.5x1.4= 3.5	23.2 nm	4.6 hrs

Course 91 - Triangle+ S wind

20.2 RLD

S mark	Shipyard	Start			
C mark	Off LCYC	to port	1.6x1.4= 2.2		
A mark	Appletree	to port	4.8	7.0 nm	1.4 hrs
F mark	Four Bros	to port	3.3x1.4= 4.6	11.6 nm	2.3 hrs
Q mark	Quaker Smith	to port	3.6x1.4= 5.0	16.6 nm	3.3 hrs
P mark	Proctor	to stbd	4.4	21.0 nm	4.2 hrs
C mark	Off LCYC	Finish	2.5x1.4= 3.5	24.5 nm	4.9 hrs

Course 92 - Triangle+ S wind

20.8 nm RLD

S mark	Shipyard	Start			
C mark	Off LCYC	to port	1.6x1.4= 2.2		
A mark	Appletree	to port	4.8	7.0 nm	1.4 hrs
G mark	Saxton Reef	to port	4.8x1.4= 6.7	13.7 nm	2.7 hrs
A mark	Appletree	to stbd	4.8	18.5 nm	3.7 hrs
P mark	Proctor	to port	2.3x1.4= 3.2	21.7 nm	4.3 hrs
C mark	Off LCYC	Finish	2.5x1.4= 3.5	25.2 nm	5.0 hrs

SOUTHEAST

[Start at P mark]

NM Sailed

Ttl NM

Time@5knts

Course 93 – W/L

SE wind

10.2 nm RLD

P mark	Proctor	Start			
E mark	East Bay	to port	2.0x1.4= 2.8		
A mark	Appletree	to port	4.1	6.9 nm	1.4 hrs
E mark	East Bay	Finish	4.1x1.4= 5.7	11.8 nm	2.4 hrs

Course 94– W/L

SE wind

12.2 nm RLD

P mark	Proctor	Start			
E mark	East Bay	to port	2.0x1.4= 2.8		
A mark	Appletree	to port	4.1	6.9 nm	1.4 hrs
P mark	Proctor	to port	2.3x1.4= 3.2	10.1 nm	2.0 hrs
E mark	East Bay	Finish	2.0x1.4= 2.8	12.9 nm	2.6 hrs

SOUTHEAST

[Start at W mark]

NM Sailed

Ttl NM

Time@5knts

Course 95 - W/L

S wind

10.6 nm RLD

W mark	Sledrunner Bay	Start			
C mark	Off LCYC	to port	1.0x1.4= 1.4		
A mark	Appletree	to port	4.8	6.2 nm	1.2 hrs
C mark	Off LCYC	Finish	4.8x1.4= 6.7	12.9 nm	2.6 hrs

Course 96 - W/L

S wind

15.2 nm RLD

W mark	Sledrunner Bay	Start			
C mark	Off LCYC	to port	1.0x1.4= 1.4		
A mark	Appletree	to port	4.8	6.2 nm	1.2 hrs
P mark	Proctor	to port	2.3x1.4= 3.2	9.4 nm	1.9 hrs
A mark	Appletree	to port	2.3	11.7 nm	2.3 hrs

P mark	Proctor	to port	2.3x1.4=	3.2	14.9 nm	3.0 hrs
C mark	Off LCYC	Finish	2.5x1.4=	3.5	18.4 nm	3.7 hrs

Course 97 - Triangle+ S wind 16.4 nm RLD

W mark	Sledrunner Bay	Start				
C mark	Off LCYC	to port	1.0x1.4=	1.4		
A mark	Appletree	to port		4.8	6.2 nm	1.4 hrs
G mark	Saxton Reef	to port	4.8x1.4=	6.7	12.9 nm	2.6 hrs
P mark	Proctor	to stbd		3.3	16.2 nm	3.2 hrs
C mark	Off LCYC	Finish	2.5x1.4=	3.5	19.7 nm	3.9 hrs

Course 98 - Triangle+ S wind 18.6 nm RLD

W mark	Sledrunner Bay	Start				
C mark	Off LCYC	to port	1.0x1.4=	1.4		
A mark	Appletree	to port		4.8	6.2 nm	1.4 hrs
Q mark	Quaker Smith	to port	5.9x1.4=	8.3	14.5 nm	2.9 hrs
P mark	Proctor	to stbd		4.4	18.9 nm	3.8 hrs
C mark	Off LCYC	Finish	2.5x1.4=	3.5	22.4 nm	4.5 hrs

Course 99 - Triangle+ S wind 19.6 nm RLD

W mark	Sledrunner Bay	Start				
C mark	Off LCYC	to port	1.0x1.4=	1.4		
A mark	Appletree	to port		4.8	6.2 nm	1.4 hrs
F mark	Four Bros	to port	3.3x1.4=	4.6	10.8 nm	2.2 hrs
Q mark	Quaker Smith	to port	3.6x1.4=	5.0	15.8 nm	3.2 hrs
P mark	Proctor	to stbd		4.4	20.2 nm	4.0 hrs
C mark	Off LCYC	Finish	2.5x1.4=	3.5	23.7 nm	4.7 hrs

Course 100 - Triangle+ S wind 20.2 nm RLD

W mark	Sledrunner Bay	Start				
C mark	Off LCYC	to port	1.0x1.4=	1.4		
A mark	Appletree	to port		4.8	6.2 nm	1.4 hrs
G mark	Saxton Reef	to port	4.8x1.4=	6.7	12.9 nm	2.6 hrs
A mark	Appletree	to stbd		4.8	17.7 nm	3.5 hrs
P mark	Proctor	to port	2.3x1.4=	3.2	20.9 nm	4.2 hrs
C mark	Off LCYC	Finish	2.5x1.4=	3.5	24.4 nm	4.9 hrs

— See next section for Supplemental Courses —

• SUPPLEMENTAL COURSES •

Updated 04/22/2023

SYNOPSIS:

Courses 101-128: Options for **Double-Handed, Lady Skipper, Odziozo, Tea Kettle**. Each includes an island or rarely used government mark.

Courses 130-135: Options for **Mid-Lake Race**.

NORTHWEST

			<u>NM Sailed</u>	<u>Ttl NM</u>	<u>Total Time</u>
<u>Course 101</u> – W/L	NW wind		9.6 nm	RLD	
(also Course 25)					
O mark	Breakwater	Start			
A mark	Appletree	to port	2.4 x 1.4	3.4	
O mark	Breakwater	to port		2.4	
A mark	Appletree	to port	2.4 x 1.4	3.4	
O mark	Breakwater	Finish		2.4	
				11.6 nm	2.6 hrs @ 6 kts 3.1 hrs @ 5 kts 3.8 hrs @ 4 kts
<u>Course 102</u> – W/L	NW wind		12.8 nm	RLD	
B mark	Breakwater	Start			
FR	Ferris Rock	to port	6.4 x 1.4	9.0	
B mark	Breakwater	Finish		6.4	
				15.4 nm	2.6 hrs @ 6 kts 3.1 hrs @ 5 kts 3.8 hrs @ 4 kts
<u>Course 103</u> – W/L	NW wind		14.6 nm	RLD	
O mark	Oakledge	Start			
SI	Schuyler Island	to port	7.0 x 1.4	9.8	
O mark	Oakledge	Finish		7.6	
				17.4 nm	2.9 hrs @ 6 kts 3.5 hrs @ 5 kts 4.3 hrs @ 4 kts
<u>Course 104</u> – Random	NW wind		15.1 nm	RLD	
B mark	Breakwater	Start			
FR	Ferris Rock	to port	6.4 x 1.4	9.0	
SI	Schuyler Island	to port		2.1	
B mark	Breakwater	Finish		6.6	
				17.7 nm	3.0 hrs @ 6 kts 3.5 hrs @ 5 kts 4.4 hrs @ 4 kts

WEST-NORTHWEST

NM Sailed Ttl NM Total Time

<u>Course 105</u> – W/L			WNW wind	8.4 nm RLD			
(also Course 32)							
B mark	Breakwater	Start					
A mark	Appletree	to port	2.1 x 1.4	2.9			
B mark	Breakwater	to port		2.1			
A mark	Appletree	to port	2.1 x 1.4	2.9			
B mark	Breakwater	Finish		2.1	10.0 nm	1.7 hrs @ 6 kts	
						2.0 hrs @ 5 kts	
						2.5 kts @ 4 kts	

<u>Course 106</u> – Random			WNW wind	14.0 nm RLD			
B mark	Breakwater	Start					
SI	Schuyler Island	to port	7.0 x 1.4	2.9			
B mark	Breakwater	Finish		7.0	16.8 nm	2.8 hrs @ 6 kts	
						3.4 hrs @ 5 kts	
						4.2 hrs @ 4 kts	

WEST

<u>Course 107</u> – Triangle			WNW wind	11.9 nm RLD			
B mark	Breakwater	Start					
X mark	Schuyler Reef	to port	5.1 x 1.4	7.1			
JI	Juniper Island	to port		4.3			
B mark	Breakwater	Finish		2.5	13.9 nm	2.3 hrs @ 6 kts	
						2.8 hrs @ 5 kts	
						3.5 hrs @ 4 kts	

<u>Course 108</u> – Random			WNW wind	12.6 nm RLD			
B mark	Breakwater	Start					
X mark	Schuyler Reef	to port	5.1 x 1.4	7.1			
JI	Juniper Island	to port		4.3			
P mark	Proctor	to port		1.3			
B mark	Breakwater	Finish		1.9	14.6 nm	2.4 hrs @ 6 kts	
						2.9 hrs @ 5 kts	
						3.7 hrs @ 4 kts	

<u>Course 109</u> – Random			W wind	15.5 nm RLD			
B mark	Breakwater	Start					
X mark	Schuyler Reef	to port	5.1 x 1.4	7.1			
FBI	4 Bros Islands	to port		4.6			
JI	Juniper Island	to port		3.2			
B mark	Breakwater	Finish		2.6	17.5 nm	2.9 hrs @ 6 kts	
						3.5 hrs @ 5 kts	
						4.4 hrs @ 4 kts	

WEST-SOUTHWEST

<u>Course 110</u> – Random			W wind	10.8 nm RLD			
O mark	Oakledge	Start					

NM Sailed Ttl NM Total Time

Jl	Juniper Island	to port	2.2 x 1.4	3.1		
FBI	4 Bros Islands	to stbd	3.2 x 1.4	4.5		
Jl	Juniper Island	to stbd		3.2		
O mark	Oakledge	Finish		2.2	13.0 nm	2.2 hrs @ 6 kts 2.6 hrs @ 5 kts 3.3 hrs @ 4 kts

Course 111 – Random WSW wind 11.0 nm RLD

B mark	Breakwater	Start				
FBI	4 Bros Islands	to port	5.5 x 1.4	7.7		
Jl	Juniper Island	to port		3.3		
B mark	Breakwater	Finish		2.5	13.5 nm	2.3 hrs @ 6 kts 2.7 hrs @ 5 kts 3.4 hrs @ 4 kts

Course 112 – Random WSW wind 11.2 nm RLD

B mark	Breakwater	Start				
FBI	4 Bros Islands	to port	5.5 x 1.4	7.7		
JL mark	Juniper Ledge	to port		2.9		
B mark	Breakwater	Finish		3.1	13.7 nm	2.2 hrs @ 6 kts 2.7 hrs @ 5 kts 3.4 hrs @ 4 kts

Course 113 – Random WSW wind 11.7 nm RLD

B mark	Breakwater	Start				
FBI	4 Bros Islands	to port	5.5 x 1.4	7.7		
P mark	Proctor	to port		4.3		
B mark	Breakwater	Finish		1.9	13.9 nm	2.3 hrs @ 6 kts 2.8 hrs @ 5 kts 3.5 hrs @ 4 kts

Course 114 – Random WSW wind 7.2 nm RLD

B mark	Breakwater	Start				
Jl	Juniper Island	to port	2.6 x 1.4	3.6		
JL mark	Juniper Ledge	to stbd	1.0 x 1.4	1.4		
Jl	Juniper Island	to stbd		1.0		
B mark	Breakwater	Finish		2.6	8.6 nm	1.4 hrs @ 6 kts 1.7 hrs @ 5 kts 2.2 hrs @ 4 kts

Course 115 – Random WSW wind 7.8 nm RLD

B mark	Breakwater	Start				
Jl	Juniper Island	to port	2.6 x 1.4	3.6		
JL mark	Juniper Ledge	to stbd	1.0 x 1.4	1.4		
Jl	Juniper Island	to stbd		1.0		

P mark	Proctor	to port			1.3		
B mark	Breakwater	Finish			1.9	9.2 nm	1.5 hrs @ 6 kts 1.8 hrs @ 5 kts 2.3 hrs @ 4 kts

<u>Course 116</u> – Random WSW wind					12.4 nm	RLD	
B mark	Breakwater	Start					
Jl	Juniper Island	to stbd	2.5 x 1.4	3.5			
FBI	4 Bros Islands	to port	3.5 x 1.4	4.9			
Jl	Juniper Island	to stbd		3.2			
P mark	Proctor	to port		1.3			
B mark	Breakwater	Finish		1.9	14.8 nm		2.5 hrs @ 6 kts 3.0 hrs @ 5 kts 3.7 hrs @ 4 kts

<u>Course 117</u> – Random WSW wind					10.7 nm	RLD	
O mark	Oakledge	Start					
JL mark	Juniper Ledge	to stbd	2.5 x 1.4	3.5			
FBI	4 Bros Islands	to stbd	2.8 x 1.4	3.9			
Jl	Juniper Island	to stbd		3.2			
O mark	Oakledge	Finish		2.2	12.8 nm		2.1 hrs @ 6 kts 2.6 hrs @ 5 kts 3.2 hrs @ 4 kts

<u>Course 118</u> – Random WSW wind					12.3 nm	RLD	
O mark	Oakledge	Start					
JL mark	Juniper Ledge	to stbd	2.5 x 1.4	3.5			
F mark	4 Bros Mark	to port	3.3 x 1.4	4.6			
FBI	4 Bros Islands	to port	1.1 x 1.4	2.2			
Jl	Juniper Island	to stbd		3.2			
O mark	Oakledge	Finish		2.2	15.7 nm		2.6 hrs @ 6 kts 3.1 hrs @ 5 kts 3.9 hrs @ 4 kts

<u>Course 119</u> – Random WSW wind					12.7 nm	RLD	
O mark	Oakledge	Start					
JL mark	Juniper Ledge	to stbd	2.5 x 1.4	3.5			
FBI	4 Bros Islands	to stbd	2.8 x 1.4	3.9			
F mark	4 Bros Mark	to stbd		1.1			
Jl	Juniper Island	to stbd		2.8			
P mark	Proctor	to port		1.3			
O mark	Oakledge	Finish		2.2	14.8 nm		2.5 hrs @ 6 kts 3.0 hrs @ 5 kts 3.7 hrs @ 4 kts

SOUTHWEST

			NM Sailed	TtINM	Total Time	
<u>Course 120</u> – Random SW wind						
B mark	Breakwater	Start				
JL mark	Juniper Ledge	to stbd	3.1 x 1.4	4.3		
FBI	4 Bros Islands	to stbd	2.8 x 1.4	3.9		
B mark	Breakwater	Finish		5.5	13.7 nm	2.3 hrs @ 6 kts

2.7 hrs @ 5 kts
3.4 hrs @ 4 kts

<u>Course 121</u> – Random SW wind			11.9 nm	RLD	
B mark	Breakwater	Start			
JL mark	Juniper Ledge	to stbd	3.1 x 1.4	4.3	
FBI	4 Bros Islands	to stbd	2.8 x 1.4	3.9	
F mark	4 Bros Mark	to stbd		1.1	
B mark	Breakwater	Finish		4.9	14.2 nm
					2.4 hrs @ 6 kts
					2.8 hrs @ 5 kts
					3.6 hrs @ 4 kts

<u>Course 122</u> – Random SW wind			12.2 nm	RLD	
B mark	Breakwater	Start			
JL mark	Juniper Ledge	to stbd	3.1 x 1.4	4.3	
FBI	4 Bros Islands	to stbd	2.8 x 1.4	3.9	
F mark	4 Bros Mark	to stbd		1.1	
JL mark	Juniper Ledge	to port		3.0	
B mark	Breakwater	Finish		2.2	14.5 nm
					2.4 hrs @ 6 kts
					2.9 hrs @ 5 kts
					3.6 hrs @ 4 kts

<u>Course 123</u> – Random SW wind			12.3 nm	RLD	
B mark	Breakwater	Start			
JL mark	Juniper Ledge	to stbd	3.1 x 1.4	4.3	
FBI	4 Bros Islands	to stbd	2.8 x 1.4	3.9	
Jl	Juniper Island	to stbd		3.2	
P mark	Proctor	to port		1.3	
B mark	Breakwater	Finish		1.9	14.6 nm
					2.4 hrs @ 6 kts
					2.9 hrs @ 5 kts
					3.6 hrs @ 4 kts

<u>Course 124</u> – Random SW wind			12.7 nm	RLD	
B mark	Breakwater	Start			
JL mark	Juniper Ledge	to stbd	3.1 x 1.4	4.3	
FBI	4 Bros Islands	to stbd	2.8 x 1.4	3.9	
JL mark	Juniper Ledge	to port		3.3	
Jl	Juniper Island	to stbd		1.0	
B mark	Breakwater	Finish		2.5	15.0 nm
					2.5 hrs @ 6 kts
					3.0 hrs @ 5 kts
					3.7 hrs @ 4 kts

<u>Course 125</u> – Random SW wind			12.8 nm	RLD	
B mark	Breakwater	Start			
JL mark	Juniper Ledge	to stbd	3.1 x 1.4	4.3	
FBI	4 Bros Islands	to port	3.3 x 1.4	4.6	
Jl	Juniper Island	to stbd		3.2	
P mark	Proctor	to port		1.3	
B mark	Breakwater	Finish		1.9	15.3 nm
					2.6 hrs @ 6 kts
					3.0 hrs @ 5 kts
					3.8 hrs @ 4 kts

SOUTH-SOUTHWEST

			<u>NM Sailed</u>		<u>Ttl NM</u>	<u>Total Time</u>
<u>Course 126</u>	– Random	SSW wind	7.8 nm	RLD		
B mark	Breakwater	Start				
P mark	Proctor	to stbd	1.9x1.4	2.7		
JI	Juniper Island	to port		1.3		
JL mark	Juniper Ledge	to stbd	1.0x1.4	1.4		
JI	Juniper Island	to stbd		1.0		
B mark	Breakwater	Finish		2.6	9.0 nm	1.5 hrs @ 6 kts 1.8 hrs @ 5 kts 2.3 hrs @ 4 kts
<u>Course 127</u>	– Random	SSW wind	8.4 nm	RLD		
B mark	Breakwater	Start				
P mark	Proctor	to stbd	1.9 x 1.4	2.7		
JI	Juniper Island	to port		1.3		
JL mark	Juniper Ledge	to stbd	1.0 x 1.4	1.4		
JI	Juniper Island	to stbd		1.0		
P mark	Proctor	to port		1.3		
B mark	Breakwater	Finish		1.9	9.6 nm	1.6 hrs @ 6 kts 1.9 hrs @ 5 kts 2.4 hrs @ 4 kts
<u>Course 128</u>	– Random	SSW wind	12.8 nm	RLD		
B mark	Breakwater	Start				
P mark	Proctor	to stbd	1.9 x 1.4	2.7		
JI	Juniper Island	to port		1.3		
FBI	4 Bros Islands	to stbd	3.2 x 1.4	4.5		
JI	Juniper Island	to stbd		3.2		
P mark	Proctor	to port		1.3		
B mark	Breakwater	Finish		1.9	14.9 nm	2.5 hrs @ 6 kts 3.0 hrs @ 5 kts 3.7 hrs @ 4 kts

MID-LAKE RACE COURSES

Course 130 – Spin Classes W/L N/NW wind **38.9** nm RLD

B mark	Breakwater	Start				
GIL	Garden Isle Ledge	to port	11.0 x 1.4	15.4		
SI	Sloop Island	to port		18.6		
P mark	Proctor	Finish	9.3 x 1.4	13.0	47.0 nm	7.8 hrs @ 6 kts 9.4 hrs @ 5 kts 11.7 hrs @ 4 kts

Course 131 – JaM Classes W/L N/NW wind **29.1** nm RLD

B mark	Breakwater	Start				
GIL	Garden Isle Ledge	to port	11.0 x 1.4	15.4		
Q mark	Quaker Smith Rf	to port		13.8		
P mark	Proctor	Finish	4.3 x 1.4	6.0	35.2 nm	5.9 hrs @ 6 kts 7.0 hrs @ 5 kts 8.8 hrs @ 4 kts

Course 132 – Spin Classes W/L N/NW wind **39.3** nm RLD

P mark	Proctor	Start				
GIL	Garden Isle Ledge	to port	11.4 x 1.4	16.0		
SI	Sloop Island	to port		18.6		
P mark	Proctor	Finish	9.3 x 1.4	13.0	47.6 nm	7.9 hrs @ 6 kts 9.6 hrs @ 5 kts 12.0 hrs @ 4 kts

Course 133 – JaM Classes W/L N/NW wind **31.2** nm RLD

P mark	Proctor	Start				
GIL	Garden Isle Ledge	to port	11.4 x 1.4	16.0		
Q mark	Quaker Smith Rf	to port		13.8		
P mark	Proctor	Finish	4.3 x 1.4	6.0	35.8 nm	6.0 hrs @ 6 kts 7.2 hrs @ 5 kts 9.0 hrs @ 4 kts

Course 134 – Spin Classes W/L S/SW wind **38.9** nm RLD

B mark	Breakwater	Start				
SI	Sloop Island	to stbd	11.0 x 1.4	15.4		
GIL	Garden Isle Ledge	to stbd		18.6		
P mark	Proctor	Finish	11.4 x 1.4	16.0	50.0 nm	8.3 hrs @ 6 kts 10.0 hrs @ 5 kts 12.5 hrs @ 4 kts

Course 135 – JaM Classes W/L S/SW wind **36.1** nm RLD

B mark	Breakwater	Start				
Q mark	Quaker Smith Rf	to stbd	6.3 x 1.4	8.8		
GIL	Garden Isle Ledge	to stbd		13.8		
P mark	Proctor	Finish	11.4 x 1.4	16.0	38.6 nm	6.4 hrs @ 6 kts 7.7 hrs @ 5 kts 9.7 hrs @ 4 kts