

LAKE CHAMPLAIN YACHT CLUB

• BROAD-LAKE COURSES •

Updated 2021

- 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@5knts

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.

<u>NORTHEAST</u>	[Start at P mark]		<u>NM Sailed</u>	<u>Ttl NM</u>	<u>Time@5knts</u>
Course 2 - 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
Course 3 - 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
Course 4 - 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
<u>NORTH-NE</u>		[Start at C mark]	<u>NM Sailed</u>	<u>Ttl NM</u>	<u>Time@5knts</u>
Course 5 - 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

<u>NORTH</u>	[Start at C mark]		<u>NM Sailed</u>	<u>Ttl NM</u>	<u>Time@5knts</u>
Course 6 - 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
Course 7 - 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
Course 8 - 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
Course 9- 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
Course 10 - 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
Course 11 - 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

Course 12 - 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

NORTH**[Start at E mark]**NM SailedTtl NMTime@5knts**Course 13 - 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

Course 14 - 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

NORTH**[Start at P mark]**NM SailedTtl NMTime@5knts**Course 15 - 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

Course 16 - 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

Course 17 - 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

Course 18 - Triangle+ N wind**14.4 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
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 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

NORTHWEST [Start at E mark]NM SailedTtl NMTime@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

Course 23 - 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

Course 24 - 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

<u>NORTHWEST</u>	[Start at O mark]		<u>NM Sailed</u>	<u>Ttl NM</u>	<u>Time@5knts</u>
Course 25 - 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
Course 26 - 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
Course 27 - 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
Course 28 - 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
Course 29 - 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
Course 30 - 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]		<u>NM Sailed</u>	<u>Ttl NM</u>	<u>Time@5knts</u>
Course 31 - 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

<u>WEST-NW</u>	[Start at B mark]		<u>NM Sailed</u>	<u>Ttl NM</u>	<u>Time@5knts</u>
Course 32 - 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
Course 33 - 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
Course 34 - 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
Course 35 - 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			
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
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
B mark	Breakwater	to port		1.9	12.0 nm
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
B mark	Breakwater	Finish		5.1 nm	15.0 nm
					3.0 hrs

Course 50 – 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
A mark	Appletree	to stbd		3.0 nm	12.9 nm
B mark	Breakwater	Finish		2.1 nm	15.0 nm
					3.0 hrs

Course 51 - 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
B mark	Breakwater	to port		1.9	12.0 nm
P Mark	Proctor	to port	1.9x1.4=	2.7	14.7 nm
B Mark	Breakwater	Finish		1.9	16.1 nm
					3.2

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

Course 52 - 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

Course 53 - 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
O mark	Oakledge	Finish		1.7	11.0
					2.2 hrs

Course 54 – 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
O mark	Oakledge	to port		1.7	11.0 nm
P Mark	Proctor	Finish	1.7x1.4=	2.4	13.4 nm
					2.7 hrs

Course 55 – 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

SOUTHWEST [Start at B mark]**NM Sailed****Ttl NM****Time@5knts****Course 56 - 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

Course 57 - 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

Course 58 - 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

Course 59 - 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

Course 60 - 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

Course 61 - 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

Course 62 - 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
SOUTHWEST		[Start at E mark]	NM Sailed		Ttl NM	Time@5knts
Course 63 - 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
Course 64- 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
Course 65 - 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
SOUTHWEST		[Start at P mark]	NM Sailed		Ttl NM	Time@5knts
Course 66 - W/L		SW wind	6.6 nm RLD			
P mark	Proctor	Start				
G mark	Saxton Reef	to port	3.3x1.4=	4.6	4.6 nm	0.9 hrs
P mark	Proctor	Finish		3.3	7.9 nm	1.6 hrs
Course 67 - W/L+		SW wind	9.1 nm RLD			
P mark	Proctor	Start				
G mark	Saxton Reef	to port	3.3x1.4=	4.6		
P mark	Proctor	to stbd		3.3	7.9 nm	1.6 hrs
C mark	Off LCYC	Finish		2.5	10.4 nm	2.1 hrs
Course 68 - W/L		SW wind	8.8 nm RLD			
P mark	Proctor	Start				
Q mark	Quaker Smith	to port	4.4x1.4=	6.2	6.2 nm	1.2 hrs
P mark	Proctor	Finish		4.4	10.6 nm	2.1 hrs

Course 69 - Triangle		SW wind	9.7 nm RLD			
P mark	Proctor	Start				
G mark	Saxton Reef	to stbd	3.3x1.4=	4.6		0.9 hrs
F mark	Four Bros	to stbd		3.0	7.6 nm	1.5 hrs
P mark	Proctor	Finish		3.4	11.0 nm	2.2 hrs
Course 70 - W/L/W		SW wind	10.3 nm RLD			
P mark	Proctor	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	Finish	1.9x1.4=	2.7	12.4 nm	2.5 hrs
Course 71 - W/L/W		SW wind	10.3 nm RLD			
P mark	Proctor	Start				
G mark	Saxton Reef	to port	3.3x1.4=	4.6		0.9 hrs
P mark	Proctor	to port		3.3	7.9 nm	1.6 hrs
B mark	Breakwater	to port		1.9	9.8 nm	1.9 hrs
P mark	Proctor	Finish	1.9x1.4=	2.7	12.5 nm	2.5 hrs
Course 72 - Triangle		SW wind	11.4 nm RLD			
P mark	Proctor	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	2.0 hrs
P mark	Proctor	Finish		3.4	13.2 nm	2.6 hrs
Course 73 - Triangle+		SW wind	12.2 nm RLD			
P mark	Proctor	Start				
G mark	Saxton Reef	to stbd	3.3x1.4=	4.6		0.9 hrs
F mark	Four Bros	to stbd		3.0	7.6 nm	1.5 hrs
P mark	Proctor	to stbd		3.4	11.0 nm	2.2 hrs
C mark	Off LCYC	Finish	2.5x1.4=	3.5	14.5 nm	2.9 hrs
Course 74 - Tria/W		SW wind	13.0 nm RLD			
P mark	Proctor	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
B mark	Breakwater	to stbd		4.8	12.4 nm	2.5 hrs
P mark	Proctor	Finish	1.9x1.4=	2.7	15.1 nm	3.0 hrs
Course 75 - W/L/W		SW wind	12.5 nm RLD			
P mark	Proctor	Start				
Q mark	Quaker Smith	to port	4.4x1.4=	6.2		1.2 hrs
B mark	Breakwater	to port		6.2	12.4 nm	2.5 hrs
P mark	Proctor	Finish	1.9x1.4=	2.7	15.1 nm	3.0 hrs
Course 76 - 2WL		SW wind	13.2 nm RLD			
P mark	Proctor	Start				
G mark	Saxton Reef	to port	3.3x1.4=	4.6		0.9 hrs
P mark	Proctor	to port		3.3	7.9 nm	1.6 hrs
G mark	Saxton Reef	to port	3.3x1.4=	4.6	12.5 nm	2.5 hrs
P mark	Proctor	Finish		3.3	15.8 nm	3.2 hrs

Course 77 - Triangle+		SW wind			13.9 nm RLD	
P mark	Proctor	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

Course 78 - W/L+		SW wind			14.1 nm RLD	
P mark	Proctor	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

Course 79 - Tria/W		SW wind			12.5 nm RLD	
P mark	Proctor	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

Course 80 - Tria-W/L		SW wind			16.3 nm RLD	
P mark	Proctor	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

Course 81 - W/L+		SW wind			16.3 nm RLD	
P mark	Proctor	Start				
Q mark	Quaker Smith	to port	4.4x1.4=	6.2		1.2 hrs
B mark	Breakwater	to port		6.2	12.4 nm	2.5 hrs
P mark	Proctor	to port	1.9x1.4=	2.7	15.1 nm	3.0 hrs
B mark	Breakwater	to port		1.9	17.0 nm	3.4 hrs
P mark	Proctor	Finish	1.9x1.4=	2.7	19.7 nm	3.9 hrs

Course 82 - Tria/W		SW wind			16.1 nm RLD	
P mark	Proctor	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
A mark	Appletree	to stbd		3.3	13.1 nm	2.6 hrs
C mark	Off LCYC	Finish	4.8x1.4=	6.7	19.8 nm	4.0 hrs

Course 83 - Triangle+		SW wind			16.1 nm RLD	
P mark	Proctor	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
A mark	Appletree	to stbd		3.3	13.1 nm	2.6 hrs
P mark	Proctor	to port	2.3x1.4=	3.2	16.3 nm	3.3 hrs
C mark	Off LCYC	Finish	2.5x1.4=	3.5	19.8 nm	4.0 hrs

Course 84 - Tria-W/L SW wind**18.0 nm RLD**

P mark	Proctor	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
G mark	Saxton Reef	to stbd	3.3x1.4=	4.6	17.8 nm	3.6 hrs
P mark	Proctor	Finish		3.3	21.1 nm	4.2 hrs

Course 85 - 2WL SW wind**17.6 nm RLD**

P mark	Proctor	Start				
Q mark	Quaker Smith	to port	4.4x1.4=	6.2		1.2 hrs
P mark	Proctor	Finish		4.4	10.6 nm	2.1 hrs
Q mark	Quaker Smith	to port	4.4x1.4=	6.2	16.8 nm	3.4 hrs
P mark	Proctor	Finish		4.4	21.2 nm	4.2 hrs

SOUTH**[Start at S mark]**NM SailedTtl NMTime@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 SailedTtl NMTime@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 SailedTtl NMTime@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 Supplement Courses —

• SUPPLEMENTAL COURSES •

All start at B or O
All include an island or mid-lake mark

Updated 2021

NORTHWEST

Course 101 – W/L (also Course 25)	NW wind		9.6 nm RLD			
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

Course 102 – 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

Course 103 – 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

Course 104 – 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

<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			
JI	Juniper Island	to port	2.2 x 1.4	3.1	
FBI	4 Bros Islands	to stbd	3.2 x 1.4	4.5	
JI	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

<u>Course 111</u> – Random WSW wind			11.0 RLD		
B mark	Breakwater	Start			
FBI	4 Bros Islands	to port	5.5 x 1.4	7.7	
JI	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

<u>Course 112</u> – Random WSW wind			11.2 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

<u>Course 113</u> – Random WSW wind			11.7 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

<u>Course 114</u> – Random WSW wind			7.2 RLD		
B mark	Breakwater	Start			
JI	Juniper Island	to port	2.6 x 1.4	3.6	
JL mark	Juniper Ledge	to stbd	1.0 x 1.4	1.4	
JI	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

<u>Course 115</u> – Random WSW wind			7.8 RLD		
B mark	Breakwater	Start			
JI	Juniper Island	to port	2.6 x 1.4	3.6	
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	9.2 nm 1.5 hrs @ 6 kts 1.8 hrs @ 5 kts 2.3 hrs @ 4 kts

Course 116 – Random WSW wind			12.4 nm RLD		
B mark	Breakwater	Start			
JI	Juniper Island	to stbd	2.5 x 1.4	3.5	
FBI	4 Bros Islands	to port	3.5 x 1.4	4.9	
JI	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

Course 117 – 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	
JI	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

Course 118 – 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	
JI	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

Course 119 – 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	
JI	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

<u>Course 120</u> – Random		SW wind	11.4 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	
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

Course 125 – 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

Course 126 – Random SSW wind			7.8 nm RLD		
B mark	Breakwater	Start			
P mark	Proctor	to stbd	1.9x1.4	2.7	
Jl	Juniper Island	to port		1.3	
JL mark	Juniper Ledge	to stbd	1.0x1.4	1.4	
Jl	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

Course 127 – Random SSW wind			8.4 nm RLD		
B mark	Breakwater	Start			
P mark	Proctor	to stbd	1.9 x 1.4	2.7	
Jl	Juniper Island	to port		1.3	
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	9.6 nm 1.6 hrs @ 6 kts 1.9 hrs @ 5 kts 2.4 hrs @ 4 kts

Course 128 – Random SSW wind			12.8 nm RLD		
B mark	Breakwater	Start			
P mark	Proctor	to stbd	1.9 x 1.4	2.7	
Jl	Juniper Island	to port		1.3	
FBI	4 Bros Islands	to stbd	3.2 x 1.4	4.5	
Jl	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

DDH – 04/30/21