

BROAD-LAKE COURSES - DETAILED

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
Always pass north of RN2 Shelburne Point

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	
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	
B mark	Breakwater	to port	1.9x1.4 2.7	
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	
P mark	Proctor	to port	2.3	7.1 nm 1.4 hrs
B mark	Breakwater	to port	1.9x1.4 2.7	
A mark	Appletree	to port	2.1	
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 - W/L</u>	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	
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 - Triangle+</u>	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	
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 - W/L+</u>	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 - Triangle+</u>	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		
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 - W/L+</u>	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 - Triangle+</u>	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	
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]	<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
NORTH	[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	
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	
A mark	Appletree	to port	2.3x1.4=	3.2	
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 port	2.3x1.4=	3.2	
F mark Four Bros	to port		3.3		
G mark Saxton Reef	to port		3.0		
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
<u>Course 18</u> - 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		
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]	<u>NM Sailed</u>		<u>Ttl NM</u>	<u>Time@5knts</u>
<u>Course 19</u> - 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
<u>Course 20</u> - 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	
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
<u>Course 21</u> - 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	
A mark	Appletree	to stbd		3.0	
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 22</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	
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 23</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	
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]	<u>NM Sailed</u>		<u>Ttl NM</u>	<u>Time@5knts</u>
<u>Course 24</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	
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]	<u>NM Sailed</u>		<u>Ttl NM</u>	<u>Time@5knts</u>
<u>Course 25</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 26</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 27</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 28</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	
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 29</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	
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>
<u>Course 30</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]	<u>NM Sailed</u>		<u>Ttl NM</u>	<u>Time@5knts</u>
<u>Course 31</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	
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 32</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 33</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 34</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	
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
<u>Course 35</u> - 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	
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
<u>Course 36</u> - 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
<u>Course 37</u> - 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

<u>Course 38</u> - 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

<u>Course 39</u> - 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

<u>Course 40</u> - 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

<u>Course 41</u> - 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]	<u>NM Sailed</u>	<u>Ttl NM</u>	<u>Time@5knts</u>
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<u>Course 42</u> - 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

<u>Course 43</u> - 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	
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- SOUTHWEST		[Start at B mark]		NM Sailed		Ttl NM	
<u>Course 44</u> – 2W/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			
P mark	Proctor	to port	1.9x1.4=	2.7			
B mark	Breakwater	Finish		1.9	9.2 nm	1.8 hrs	
<u>Course 45</u> – W/L		WSW wind		9.6 nm RLD			
B mark	Breakwater	Start					
F mark	Four Bros	to port	4.8x1.4=	6.7			
B mark	Breakwater	Finish		4.8	11.5 nm	2.3 hrs	
<u>Course 46</u> – Triangular		WSW wind		10.1 nm RLD			
B mark	Breakwater	Start					
F mark	Four Bros	to port	4.8x1.4=	6.7			
P mark	Proctor	to port		3.4			
B mark	Breakwater	Finish		1.9	12.0 nm	2.4 hrs	
<u>Course 47</u> – Tria/W/L		WSW wind		12.0 nm RLD			
B mark	Breakwater	Start					
F mark	Four Bros	to port	4.8x1.4=	6.7			
P mark	Proctor	to port		3.4			
B mark	Breakwater	to port		1.9			
P mark	Proctor	finish	1.9x1.4	2.7	14.7 nm	2.9 hrs	
<u>Course 48</u> – Triangular		WSW wind		13.1 nm RLD			
B mark	Breakwater	Start					
F mark	Four Bros	to port	4.8x1.4=	6.7			
X mark	Schuyler Reef	to port		3.2			
B mark	Breakwater	finish		5.1	15.0 nm	3.0 hrs	
<u>Course 49</u> – Triangular		WSW wind		13.9 nm RLD			
B mark	Breakwater	Start					
F mark	Four Bros	to port	4.8x1.4=	6.7			
X mark	Schuyler Reef	to port		3.2			
A mark	Appletree	to port		3.0			
B mark	Breakwater	finish		2.9	15.8 nm	3.2 hrs	
<u>Course 50</u> – Triangular		WSW wind		13.9 nm RLD			
B mark	Breakwater	Start					
F mark	Four Bros	to port	4.8x1.4=	6.7			
P mark	Proctor	to port		3.4			
B mark	Breakwater	to port		1.9			
P mark	Proctor	to port	1.9x1.4	2.7			
B mark	Breakwater	finish		1.9	16.6 nm	3.3 hrs	

WEST- SOUTHWEST **[Start at O mark]** NM Sailed Ttl NM

<u>Course 51</u> – Triangular	WSW wind	8.8 nm RLD		
O mark	Blodgett	Start		
F mark	Four Bros	to port	4.4x1.4=	6.2
O mark	Blodgett	finish		4.4 10.6 nm 2.1 hrs

<u>Course 52</u> – W/L	WSW wind	8.9 nm RLD		
O mark	Blodgett	Start		
F mark	Four Bros	to port	4.4x1.4=	6.2
P mark	Proctor	to port		3.4
O mark	Blodgett	finish		1.1 10.7 nm 2.1 hrs

<u>Course 53</u> – W/L	WSW wind	10.4 nm RLD		
O mark	Blodgett	Start		
F mark	Four Bros	to port	4.4x1.4=	6.2
P mark	Proctor	to port		3.4
O mark	Blodgett	to port		1.1
P mark	Proctor	finish	1.1x1.4	1.5 12.2 nm 2.4 hrs

<u>Course 54</u> – W/L	WSW wind	11.5 nm RLD		
O mark	Blodgett	Start		
F mark	Four Bros	to port	4.4x1.4=	6.2
P mark	Proctor	to port		3.4
O mark	Blodgett	to port		1.1
P mark	Proctor	finish	1.1x1.4	1.5
O mark	Blodgett	to port		1.1 13.3 nm 2.7 hrs

SOUTHWEST	[Start at B mark]	<u>NM Sailed</u>			<u>Ttl NM</u>	<u>Time@5knts</u>
<u>Course 55</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 56</u> - W/L	SW wind	10.2 nm RLD				
B mark	Breakwater	Start				
G mark	Saxton Reef	to port	5.1x1.4=	7.1	7.1 nm	1.4 hrs
B mark	Breakwater	Finish		5.1	12.2 nm	2.4 hrs
<u>Course 57</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		
A mark	Appletree	to stbd		2.3		
B mark	Breakwater	Finish		2.1	14.2 nm	2.8 hrs
<u>Course 58</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 59</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 60</u> - 2Triangs+	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		
A mark	Appletree	to stbd		2.3		
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 61</u> - Triangle	SW wind	14.6 nm RLD				
B mark	Breakwater	Start				
Q mark	Quaker Smith	to stbd	6.2x1.4=	8.7		
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]	<u>NM Sailed</u>			<u>Ttl NM</u>	<u>Time@5knts</u>
<u>Course 62</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		
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 63</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		
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 64</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		
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]	<u>NM Sailed</u>			<u>Ttl NM</u>	<u>Time@5knts</u>
<u>Course 65</u> - 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
<u>Course 66</u> - 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
<u>Course 67</u> - 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

<u>Course 68</u> - Triangle		SW wind	9.7 nm RLD			
P mark	Proctor	Start				
G mark	Saxton Reef	to stbd	3.3x1.4=	4.6		
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
<u>Course 69</u> - W/L/W		SW wind	10.3 nm RLD			
P mark	Proctor	Start				
G mark	Saxton Reef	to port	3.3x1.4=	4.6		
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
<u>Course 70</u> - W/L/W		SW wind	10.3 nm RLD			
P mark	Proctor	Start				
G mark	Saxton Reef	to port	3.3x1.4=	4.6		
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
<u>Course 71</u> - Triangle		SW wind	11.4 nm RLD			
P mark	Proctor	Start				
Q mark	Quaker Smith	to stbd	4.4x1.4=	6.2		
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
<u>Course 72</u> - Triangle+		SW wind	12.2 nm RLD			
P mark	Proctor	Start				
G mark	Saxton Reef	to stbd	3.3x1.4=	4.6		
F mark	Four Bros	to stbd		3.0		
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
<u>Course 73</u> - Tria/W		SW wind	13.0 nm RLD			
P mark	Proctor	Start				
G mark	Saxton Reef	to stbd	3.3x1.4=	4.6		
F mark	Four Brothers	to stbd		3.0		
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
<u>Course 74</u> - W/L/W		SW wind	12.5 nm RLD			
P mark	Proctor	Start				
Q mark	Quaker Smith	to port	4.4x1.4=	6.2		
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

<u>Course 75 - 2WL</u>	SW wind	13.2 nm RLD					
P mark	Proctor	Start					
G mark	Saxton Reef	to port	3.3x1.4=	4.6			
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	
<u>Course 76 - Triangle+</u>	SW wind	13.9 nm RLD					
P mark	Proctor	Start					
Q mark	Quaker Smith	to stbd	4.4x1.4=	6.2			
F mark	Four Bros	to stbd		3.6			
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 77 - W/L+</u>	SW wind	14.1 nm RLD					
P mark	Proctor	Start					
G mark	Saxton Reef	to port	3.3x1.4=	4.6			
B mark	Breakwater	to port		5.1			
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 78 - Tria/W</u>	SW wind	12.5 nm RLD					
P mark	Proctor	Start					
Q mark	Quaker Smith	to stbd	4.4x1.4=	6.2			
F mark	Four Brothers	to stbd		3.6			
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 79 - Tria-W/L</u>	SW wind	16.3 nm RLD					
P mark	Proctor	Start					
G mark	Saxton Reef	to stbd	3.3x1.4=	4.6			
F mark	Four Brothers	to stbd		3.0			
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 80 - W/L+</u>	SW wind	16.3 nm RLD					
P mark	Proctor	Start					
Q mark	Quaker Smith	to port	4.4x1.4=	6.2			
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	

<u>Course 81 - Tria/W</u>	SW wind	16.1 nm RLD			
P mark	Proctor	Start			
Q mark	Quaker Smith	to stbd	4.4x1.4=	6.2	
F mark	Four Bros	to stbd		3.6	
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

<u>Course 82 - Triangle+</u>	SW wind	16.1 nm RLD			
P mark	Proctor	Start			
Q mark	Quaker Smith	to stbd	4.4x1.4=	6.2	
F mark	Four Bros	to stbd		3.6	
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

<u>Course 83 - Tria-W/L</u>	SW wind	18.0 nm RLD			
P mark	Proctor	Start			
Q mark	Quaker Smith	to stbd	4.4x1.4=	6.2	
F mark	Four Bros	to stbd		3.6	
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

<u>Course 84 - 2WL</u>	SW wind	17.6 nm RLD			
P mark	Proctor	Start			
Q mark	Quaker Smith	to port	4.4x1.4=	6.2	
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 Sailed Ttl NM Time@5knts

<u>Course 85 - W/L</u>	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

<u>Course 86 - W/L</u>	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	
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

<u>Course 87</u> - 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				
P mark	Proctor	to port	2.3x1.4=	3.2	10.2 nm	2.0 hrs		
A mark	Appletree	to port		2.3				
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		
<u>Course 88</u> - 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				
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		
<u>Course 89</u> - 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				
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		
<u>Course 90</u> - 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				
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		
<u>Course 91</u> - 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				
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]	<u>NM Sailed</u>			<u>Ttl NM</u>	<u>Time@5knts</u>
<u>Course 92</u> - 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
<u>Course 93</u> - 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	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]	<u>NM Sailed</u>			<u>Ttl NM</u>	<u>Time@5knts</u>
<u>Course 94</u> - W/L	SE 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
<u>Course 95</u> - W/L	SE 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		
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
<u>Course 96</u> - Triangle+	SE 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		
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
<u>Course 97</u> - Triangle+	SE 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		
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

<u>Course 98</u> - Triangle+		SE 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		
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

<u>Course 99</u> - Triangle+		SE 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		
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

Supplemental Courses

NORTHWEST/WEST

<u>Course 101 - W/L</u>		NW wind	11.0 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	2.5 hrs @ 6 kts	
						3.1 hrs @ 5 kts	
						3.8 hrs @ 4 kts	

<u>Course 102 - W/L</u>		NW wind	14.0 nm RLD				
B mark	Breakwater	Start					
SI	Schuyler Island	to port	7.0 x 1.4	9.8			
B mark	Breakwater	Finish		7.0	16.8 nm	2.8 hrs @ 6 kts	
						3.4 hrs @ 5 kts	
						4.2 hrs @ 4 kt	

<u>Course 103 - W/L</u>		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	

<u>Course 104 - Random</u>		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	

<u>Course 105 - Random</u>		W wind	15.1 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 Islands	to port		2.8			
B mark	Breakwater	Finish		2.6	17.1 nm	2.9 hrs @ 4 kts	
						3.4 hrs @ 5 kts	
						4.3 hrs @ 4 kts	

WEST/SOUTHWEST/SOUTH

<u>Course 106 – Random</u>			WSW wind		7.4 nm RLD			
B mark	Breakwater	Start						
P mark	Proctor	to stbd	1.9x1.4	2.7				
JI	Juniper Island	to port		0.9				
JL mark	Juniper Ledge	to stbd	1.0x1.4	1.4				
JI	Juniper Island	to stbd		1.0				
B mark	Breakwater	Finish		2.6	8.6 nm	1.7 hrs @ 5 lts	2.1 hrs @ 4 kts	2.9 hrs @ 3 kts

<u>Course 107 – Random</u>			WSW wind		7.6 nm RLD			
B mark	Breakwater	Start						
P mark	Proctor	to stbd	1.9x1.4	2.7				
JI	Juniper Island	to port		0.9				
JL mark	Juniper Ledge	to stbd	1.0x1.4	1.4				
JI	Juniper Island	to stbd		1.0				
P mark	Proctor	to port		0.9				
B mark	Breakwater	Finish		1.9	8.8 nm	1.8 hrs @ 5 kts	2.2 hrs @ 4 kts	2.9 hrs @ 3 kts

<u>Course 108 – Random</u>			WSW wind		8.0 nm RLD			
O mark	Oakledge	Start						
JI	Juniper Island	to port	2.2 x 1.4	3.1				
FBI	4 Bros Islands	to stbd	3.5 x 1.4	5.2				
JI	Juniper Island	to stbd		3.5				
O mark	Oakledge	Finish		2.2	14.0 nm	2.3 hrs @ 6 kts	2.8 hrs @ 5 kts	3.5 hrs @ 4 kts

<u>Course 109 – Random</u>			WSW wind		11.0 RLD			
B mark	Breakwater	Start						
FBI	4 Bros Islands	to port	5.5 x 1.4	8.3				
JI	Juniper Island	to port		3.0				
B mark	Breakwater	Finish		2.5	13.8 nm	2.3 hrs @ 6 kts	2.8 hrs @ 5 kts	3.5 hrs @ 4 kts

<u>Course 110</u> - Random		WSW wind	11.5 nm RLD			
O mark	Oakledge	Start				
JL mark	Juniper Ledge	to stbd	2.5 x 1.5	3.5		
F mark	Four Bros Mark	to port	2.4 x 1.4	3.4		
FBI	4 Bros Islands	to port	1.6 x 1.4	2.2		
JI	Juniper Island	to stbd		2.8		
O mark	Oakledge	Finish		2.2	14.1 nm	2.4 hrs @ 6 kts 2.8 hrs @ 5 kts 3.5 hrs @ 4 kts

<u>Course 111</u>- Random		WSW wind	12.5 nm RLD			
B mark	Breakwater	Start				
JI	Juniper Island	to stbd	2.5 x 1.4	3.5		
FBI	4 Bros Islands	to port	3.6 x 1.4	5.0		
JI	Juniper Island	to stbd		3.6		
P mark	Proctor	to port		0.9		
B mark	Breakwater	Finish		1.9	14.9 nm	2.5 hrs @ 6 kts 3.0 hrs @ 5 kts 3.7 hrs @ 4 kts

<u>Course 112</u> - Random		WSW 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		0.9		
FBI	4 Bros Islands	to port	3.6 x 1.4	5.0		
JI	Juniper Island	to stbd		3.6		
P mark	Proctor	to port		0.9		
B mark	Breakwater	Finish		1.9	15.0 nm	2.5 hrs @ 6 kts 3.0 hrs @ 5 kts 3.8 hrs @ 4 kts