



## **Notice to Competitors #1**

### **Fleet Course Racing**

### **Alpha Course Changes**

This information is provided in accordance with section 2.1 and 3.1 of the Sailing Instructions.

Attachment A – ALPHA COURSE is modified such that the outer fixed marks #1 through #8 are moved 15 degrees clockwise from their previous locations relative to centre mark #9 and the even numbered marks are changed to orange. The changes are shown in the new Attachment A attached.

These changes are made to allow the competitors to better distinguish between adjacent marks at a distance and to better align the course legs with typical wind directions in the course area.

David MacKinnon  
Principal Race Officer  
2018/05/11

## Attachment A – ALPHA COURSE

### A1. RACING AREA

- A1.1. Alpha Course is a pattern of 8 fixed marks radiating from a centre fixed mark located approximately 1.4 nm on a compass bearing of approximately 210 degrees (right) from the Whitby Harbour East Pier Head light.

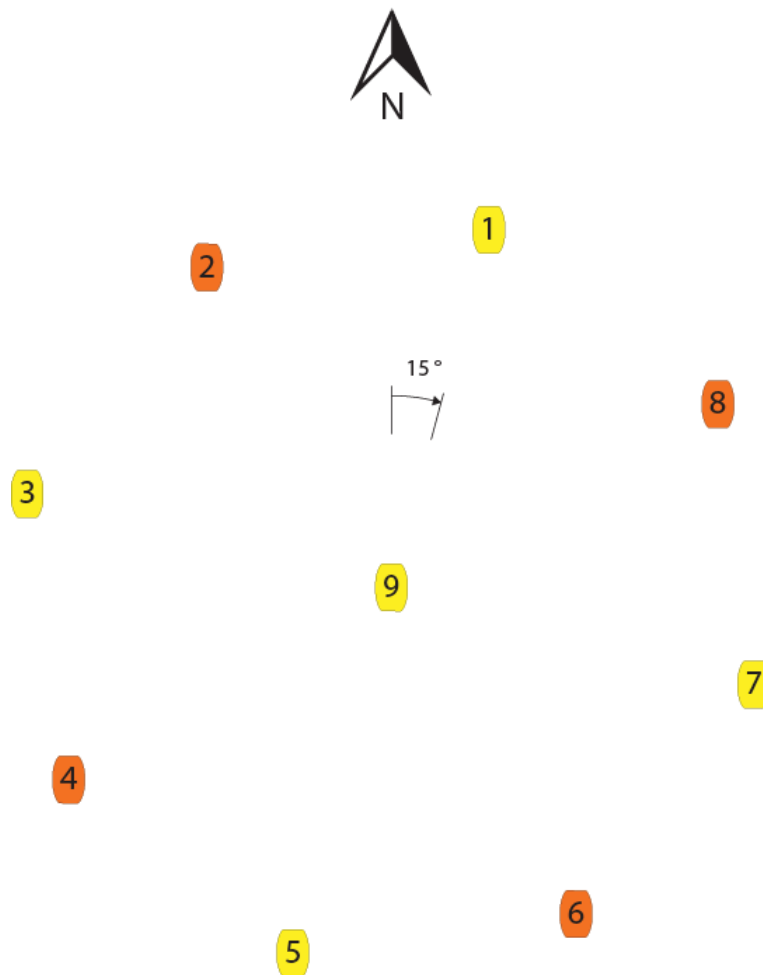
### A2. MARKS

- A2.1. ~~All~~The fixed marks are **yellow** barrels approximately 4 feet in height with black mark numbers on three sides. The odd numbered marks are yellow and the even numbered marks are orange.

- A2.2. If a mark of the course is missing or out of place, the race committee will replace it before the first warning gun with an inflated **yellow** tetrahedron approximately 5.5 feet in height at the location specified above. The colour will be the same as the mark being replaced. No mark number will be visible.

- A2.2-A2.3. The layout, location and relative position of the fixed marks are as follows:

#### ALPHA COURSE MARK LAYOUT



Approximate diameter 1.0 nm

## WYC 2018 Sailing Instructions - Course Racing

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### ALPHA COURSE MARK CO-ORDINATES

<b><u>Mark 1</u></b>	<u>N 43° 50.206'</u>	<u>W 78° 56.210'</u>
<b><u>Mark 2</u></b>	<u>N 43° 50.086'</u>	<u>W 78° 56.713'</u>
<b><u>Mark 3</u></b>	<u>N 43° 49.744'</u>	<u>W 78° 56.951'</u>
<b><u>Mark 4</u></b>	<u>N 43° 49.381'</u>	<u>W 78° 56.784'</u>
<b><u>Mark 5</u></b>	<u>N 43° 49.210'</u>	<u>W 78° 56.310'</u>
<b><u>Mark 6</u></b>	<u>N 43° 49.330'</u>	<u>W 78° 55.807'</u>
<b><u>Mark 7</u></b>	<u>N 43° 49.672'</u>	<u>W 78° 55.569'</u>
<b><u>Mark 8</u></b>	<u>N 43° 50.035'</u>	<u>W 78° 55.736'</u>
<b><u>Mark 9</u></b>	<u>N 43° 49.708'</u>	<u>W 78° 56.260'</u>

### ALPHA COURSE BEARINGS (MAGNETIC)

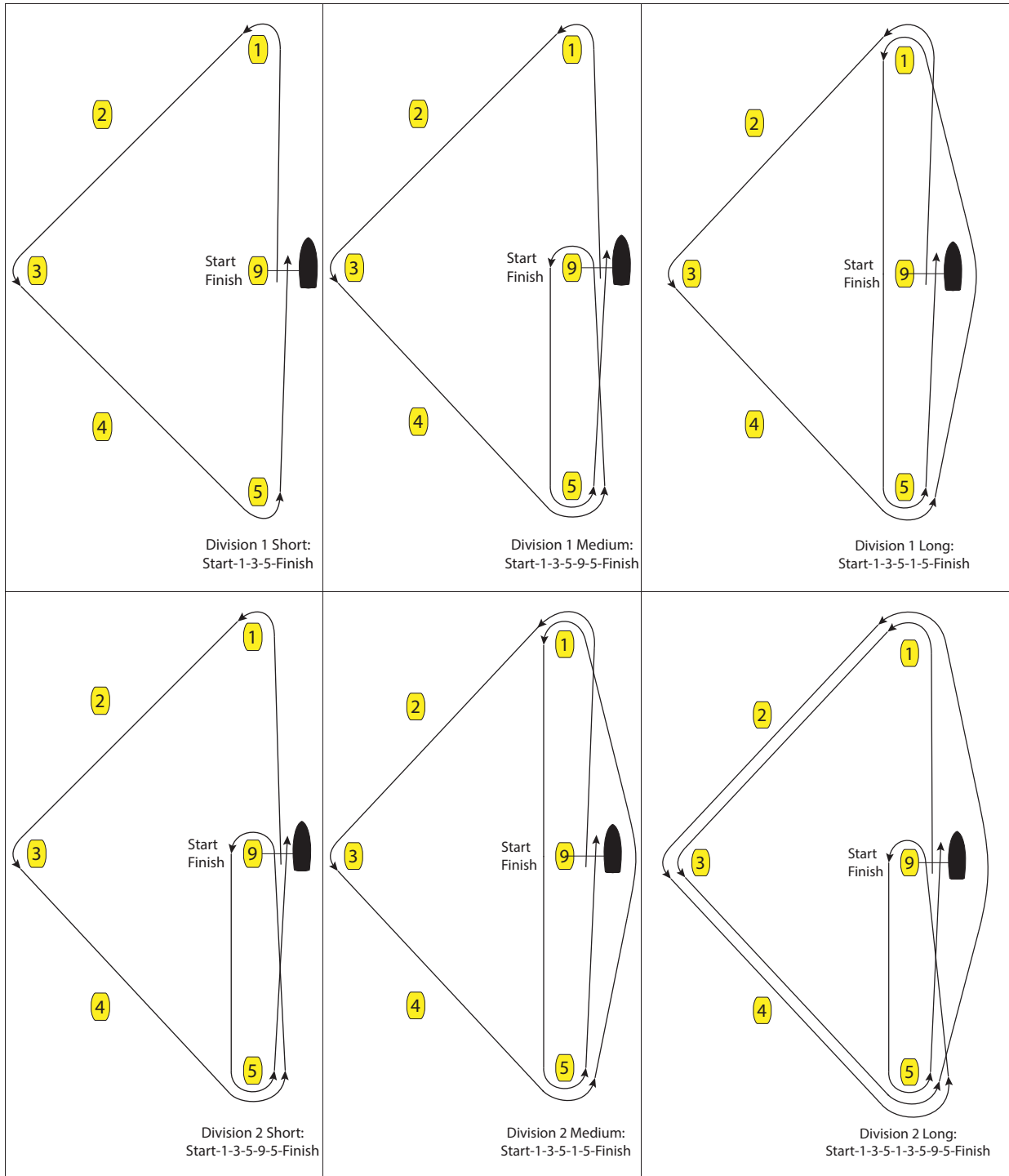
<b><u>Mark</u></b>	<b><u>1</u></b>	<b><u>2</u></b>	<b><u>3</u></b>	<b><u>4</u></b>	<b><u>5</u></b>	<b><u>6</u></b>	<b><u>7</u></b>	<b><u>8</u></b>	<b><u>9</u></b>
<b><u>1</u></b>	-	<u>263</u>	<u>240</u>	<u>218</u>	<u>195</u>	<u>173</u>	<u>150</u>	<u>128</u>	<u>195</u>
<b><u>2</u></b>	<u>082</u>	-	<u>217</u>	<u>195</u>	<u>172</u>	<u>150</u>	<u>127</u>	<u>105</u>	<u>150</u>
<b><u>3</u></b>	<u>060</u>	<u>037</u>	-	<u>172</u>	<u>150</u>	<u>127</u>	<u>105</u>	<u>082</u>	<u>105</u>
<b><u>4</u></b>	<u>037</u>	<u>015</u>	<u>352</u>	-	<u>127</u>	<u>105</u>	<u>082</u>	<u>060</u>	<u>060</u>
<b><u>5</u></b>	<u>015</u>	<u>352</u>	<u>330</u>	<u>307</u>	-	<u>082</u>	<u>060</u>	<u>037</u>	<u>015</u>
<b><u>6</u></b>	<u>353</u>	<u>330</u>	<u>308</u>	<u>285</u>	<u>263</u>	-	<u>038</u>	<u>015</u>	<u>330</u>
<b><u>7</u></b>	<u>330</u>	<u>308</u>	<u>285</u>	<u>263</u>	<u>240</u>	<u>218</u>	-	<u>353</u>	<u>285</u>
<b><u>8</u></b>	<u>308</u>	<u>285</u>	<u>263</u>	<u>240</u>	<u>218</u>	<u>195</u>	<u>173</u>	-	<u>240</u>
<b><u>9</u></b>	<u>015</u>	<u>330</u>	<u>285</u>	<u>240</u>	<u>195</u>	<u>150</u>	<u>105</u>	<u>060</u>	-

### A3. THE COURSES

- A3.1. Course lengths on the Alpha Course are designated as Short, Medium or Long (S, M or L).
- A3.2. The race committee will display the course number using placards on a staff. The course number is comprised of the windward mark number and a course length letter. For example, a course number of 3L means that fixed mark #3 is the windward mark and the long course for the division will be sailed. In the event that different divisions are sailing different courses, the division flag will be displayed above each course number.
- A3.3. Course diagrams for each Division are below.
- A3.4. For the Frostbite Series, the course will be the Division 2 Short course for all competitors and only the windward mark number will be displayed.

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## ALPHA COURSE DIAGRAMS Jib and Main Divisions



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## ALPHA COURSE DIAGRAMS Spinnaker Divisions

