MGM Cruiser Challenge 2016

Incorporating Mixed Sportsboats & Beneteau 31.7 / 211’s National Championships.
The J24 class will issue their own SI’s. (The N.O.R. for the J24 Nationals is the notice published by the J24 class Association.)

3rd and 4th September 2016

Hosted by the Royal St. George Yacht Club. Sponsored by MGM
Supported by Viking Marine.

Dublin Bay Sailing Club, proudly sponsored by Sherry FitzGerald
**SAILING INSTRUCTIONS**

**General Information**

**Host Yacht Club.** The Royal St. George Yacht Club – Dun Laoghaire

**Race Office:** The race office will be open in the Royal St. George on Saturday the 3rd of September from 0900 until 1030. A copy of the sailing instructions will be available from Race Office at this time. The office will also be open on Saturday 3rd and Sunday 4th September from 0900 until the completion of any protest hearing each day.

**Temporary Membership:** Owners and crews of visiting boats competing in the event will become temporary members of Dublin Bay Sailing Club and the Royal St. George Yacht Club. The Clubs reserve the right to withdraw such temporary membership.

**Acknowledgments:** The Flag Officers and Committee of Dublin Bay Sailing Club gratefully acknowledge the invaluable assistance of the Royal St George Yacht Club, the other waterfront clubs, Dun Laoghaire Marina, the Authorities of Dun Laoghaire Harbour and Dublin Port, the owners of support vessels and all who helped with the event. Special thanks also to MGM whose support and sponsorship of this event is much appreciated.

<table>
<thead>
<tr>
<th>Information for competitors</th>
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<tbody>
<tr>
<td><strong>Tides:</strong> High water Dun Laoghaire</td>
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<td><strong>Saturday:</strong></td>
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<td>1344</td>
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<td><strong>Sunday:</strong></td>
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<td>1416</td>
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2. Protests are scheduled to be heard in the Royal St. George Yacht Club on Saturday and Sunday as soon as possible after racing.

3. Prize giving will be held in the Royal St. George Yacht Club on Sunday 4th September as soon as possible after any protest hearings.

**1. Organising Authority and Rules**

The Organising Authority is Dublin Bay Sailing Club in association with the Royal St George Yacht Club. This event is governed by the current Racing Rules of Sailing, the appropriate class rules, IRC and ECHO handicapping system rules, the Notice of Race and these sailing instructions (SI’s).

**2. Eligibility**

2.1 Eligible boats are those in the classes listed on the Notice of Race,

2.2 Attention is drawn to RRS Part 1 Fundamental Rules.

2.3 Each participating boat shall be insured with valid third party liability insurance with a minimum cover of not less than one million five hundred thousand EURO (€1,500,000) per incident or the equivalent.
2.4 Competitors participate in the regatta entirely at their own risk. See RRS 4, Decision to Race. The organizing authority will not accept any liability for material damage or personal injury or death sustained in conjunction with or prior to, during, or after the Regatta.

3. Changes in Sailing Instructions and Notice to Competitors

Any changes in sailing instructions and/or Notices to Competitors will be posted on the official regatta notice board situated in the vicinity of the Race Office and may be repeated on notice boards in the Royal Irish Club, the National Yacht Club, the Dun Laoghaire Motor Yacht Club, Dun Laoghaire Marina and the DBSC Web site www.dbsc.org before 0900 on the day it will take effect except that any change to the schedule of races shall be posted before 2000 on the day before it shall take effect.

4. Signals made ashore

Signals made ashore will be displayed from the yardarm of the Royal St. George Yacht Club and may be repeated on the yardarms of the, Royal Irish Yacht Club, National Yacht Club, Dun Laoghaire Motor Yacht Club and Dun Laoghaire Marina.

5. Designating the Course (See also Attachment B to these SI’s)

5.1 There will be two separate course areas in the vicinity of Dublin Bay (SI 11) Flagship Mac Lir and Flagship Freebird

5.2 The courses to be sailed will be decided for each race, on the day.

5.3 The Committee Vessels shall indicate the type of course by displaying the following IC Flags.

- **ICF W** shall indicate a windward/leeward course – Windward/offset/leeward---- all marks to port
- **ICF O** shall indicate an Olympic course Windward/Gybe/Leeward / Windward/Leeward / all marks to port
- **ICF F** shall indicate a fixed mark course.

5.4 The fixed mark courses will be designated using the Dublin Bay Sailing Club Fixed Marks as shown on the attached chart – Attachment A- DBSC Racing Marks 2016 which forms part of these sailing instructions. The order in which the marks are to be rounded, and on which hand, will be broadcast on the designated VHF Channel before the warning signal for the appropriate class in each group and repeated as required during the preparatory time before the start of each subsequent class.

6. Starting

6.1 The starting area will be in Dublin Bay. When on station the committee vessel will broadcast its position on the designated VHF Channel.

6.2 Starting Signals shall be in accordance with RRS 26.

6.3 The starting line will be between a red and white pole on the Committee Vessel at the starboard end and the course side of the port-end starting mark.

When an inner distance mark is laid near the Committee Vessel no boat shall sail between the Committee Vessel and the inner distance mark. A boat sailing between this mark and the Committee Vessel may be disqualified without a hearing. This changes rule 31.
6.4 Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.

6.5 A boat starting later than 5 minutes after her starting signal will be scored Did Not Start without a hearing. This changes rule A4 and A5.

6.6 After starting no boat shall sail through any start/finish line unless to finish when the blue flag is displayed.

7. Recalls
7.1. RRS 29.1 (Individual Recalls) will apply. RRS 29.2 (General Recalls) will also apply.

7.2 The Race Committee may announce an individual or a general recall on the designated V.H.F. Channel.

8. Sailing the Fixed Mark Courses.

8.1 References and positions of the marks are shown on the attached Chart – Attachment A – DBSC Racing Marks 2016 – which forms part of these Sailing Instructions. The marks on the Course Card are identified by letters and the approximate bearings and distances between the marks are shown on the attached – Attachment B - DBSC Yacht Racing Marks - Bearings 201. Positions of navigations marks shall be found on the relevant admiralty chart.

8.2 The course will be broadcast on the designated VHF channel approximately 4 minutes before its start. This changes rule 27.

9. Marks
Marks for Windward/Leeward and Olympic races shall be orange, yellow or black inflatable marks.

For Fixed Mark courses the marks shall be Dublin Bay Sailing Club (DBSC) racing marks and navigation marks where appropriate. The port end start mark may be a candy striped mark and the finish mark will be a dan buoy.

10. Finishing Line

The finishing line, unless shortened, will be between the red and white pole or staff on the finishing vessel displaying a blue flag at the starboard end and the port end finishing mark. (See also 6.6)
11. Schedule of Races
The schedule of racing is as follows:

Race 1 – Saturday 3rd September

<table>
<thead>
<tr>
<th>Fleet Division – Cr 0, Cr 1, Cr 2 Sigma 33 Cr. 3</th>
<th>Flagship MacLir– VHF Channel 74</th>
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</thead>
<tbody>
<tr>
<td>Class</td>
<td>ICF</td>
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<tr>
<td>Cruiser 0</td>
<td>Num 0</td>
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<tr>
<td>Cruiser 1</td>
<td>Num 1</td>
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<tr>
<td>Cruiser 2, Sigma 33</td>
<td>Num 2, ICFE</td>
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<tr>
<td>Cruiser 3</td>
<td>Num 3</td>
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Class | ICF | Warning Signal | Preparatory | Starting Signal |
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<tbody>
<tr>
<td>Cruiser 5</td>
<td>Num 5</td>
</tr>
<tr>
<td>Mixed sports boats</td>
<td>3rd Sub.</td>
</tr>
<tr>
<td>31.7</td>
<td>Num 9</td>
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<tr>
<td>211</td>
<td>ICF T</td>
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</table>

Cruiser 5 - Will only have one race each day and will not be in the sequence for the 2nd and 3rd race.

Race 2 – Saturday 3rd Sept - The warning signal will be as soon as possible after the end of race 1

Race 3 – Saturday 3rd Sept - The warning signal will be as soon as possible after the end of race 2

Race 4 – Sunday 4th Sept

<table>
<thead>
<tr>
<th>Fleet Division – Cr 5, M.S., Beneteau 31.7, 211’s Flagship MacLir –VHF Channel 74</th>
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</thead>
<tbody>
<tr>
<td>Class</td>
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<tr>
<td>Cruiser 5</td>
</tr>
<tr>
<td>Mixed sports boats</td>
</tr>
<tr>
<td>31.7</td>
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<tr>
<td>211</td>
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</tbody>
</table>

Cruiser 5 - Will only have one race each day and will not be in the sequence for the 5th race.

Race 5 – The warning signal will be as soon as possible after the end of race 4.
12. Handicaps and division of Classes

12.1 Boats will race on the following basis: Mixed sportboats, Classes 0, 1, 3, Cr 5 Non Spinnaker, IRC/ECHO, c2 and Sigma 33 combined IRC and separate ECHO and Beneteau 31.7 Echo and one design, 211’s one design.

12.2 Boats will be divided on the basis of their ISA Standard ECHO Handicap or IRC handicap to apply as follows (subject to the Committee's right to allocate a boat to any class):

<table>
<thead>
<tr>
<th>ECHO/IRC TCF</th>
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<tbody>
<tr>
<td>Cruiser Class 0</td>
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<tr>
<td>Cruiser Class 1</td>
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<tr>
<td>Cruiser Class 2</td>
</tr>
<tr>
<td>Cruiser Class 3</td>
</tr>
</tbody>
</table>

12.3 Results will be calculated under the IRC and ECHO systems for Mixed sportboats, Classes 0, 1, 3, and Cr 5 Non Spinnaker, One Design and ECHO for 31.7’s, and One Design for 211’s. C2 and Sigma 33 will have a combined IRC and separate ECHO result.

12.4 Each boat shall display the I.C. Flag appropriate to her class on her backstay, or, if no backstay is fitted, on both port and starboard shrouds. Failure to do so may result in disqualification.

12.5 IRC has certain requirements for racing trim. Competitors are reminded that a boat may protest any alteration to the required or declared trim of another boat or any infringement of the class rules or handicap systems used.

12.6 Visiting boats (non DBSC boats) will have 5% loading applied to their standard ECHO.

12.7 Crew limitations do NOT apply for any class.

13. Registering with the Race Office

13.1 Each boat should register with the Royal St. George Yacht Club Race Office on Saturday 3rd September. Visiting boats may, with prior approval, register with the Committee Vessel up to 1040 on Saturday 3rd September.

13.2 Boats wishing to use a sail or sails bearing numbers other than those indicated on their entry form shall notify either the Race Office or Committee Vessel prior to the race in which such sail/s will be used.

14. Shortening course
As per rule 32 if a race committee boat is positioned at a mark and is displaying ICF ‘V’ with sound signals then all boats shall sail directly from that mark to the finishing line and finish by crossing the line from the direction of the last mark. **NOTE: If class flag(s) are displayed then only that (those) class(es) is (are) shortened.** This is in addition to Rule 32.

15. **Alternative Penalties**

RRS 44.1 and 44.2 shall apply.

16. **Time Limit**

16.1 The time limit for any race shall be 1.5 hours. Where the first finishing boat complete the course within the 1.5 hour time limit the time limit for remaining boats to finish shall be altered as follows:

- M.S., Beneteau 31.7 and 211’s classes - 15 minutes after the first boat finishes in its respective class
- All other classes - 30 minutes after the first boat finishes in its respective class

This changes RRS 35

16.2 No warning signal for any race on Saturday 3rd shall be made after 1600 and Sunday 4th after 1500.

17. **Protests**

17.1 Protests shall conform to the requirements of RRS Part 5, Section A, and shall be written on ISA protest forms, available at the Race Office. This amends RRS 61.2.

17.2 Protests shall be lodged with the Race Office each day within one and one half hours after the last boat to finish in her class in the last race of each day. For protests between boats in different classes, the time limit will be one and one half hours after the last boat to finish in the class, which was the later to start.

18. **Scoring**

18.1 Two races are required to be completed to constitute a championship.

18.2 The Low-Point Scoring System shall be used in accordance with RRS Appendix A. 18.3 When 4 races have been completed then a boat's series score will be the total of her race scores excluding her worst score.

19. **Special Notices**

19.1 Car ferries/commercial shipping: Competitors shall keep clear of the Car ferries and all commercial shipping. 19.2 Prohibited area - Dublin Port Channel: All boats are prohibited from entering the area bordered by the Poolbeg light, navigation buoys nos. 6, 4, Dublin Bay Buoy, navigation buoys 1, 3, 5 and the North Bull light. Boats shall not sail between Dalkey Island and the mainland.
20. Prizes

20.1 A first prize will be awarded for the series in which there are three or more starters and in addition second and third prizes will be awarded when there are six and eight starters respectively.

20.1 Prizes will be awarded under IRC, ECHO and / or scratch as appropriate to each class. Note where a boat is placed such as would win a prize under more than one handicap system then only one prize will be awarded. The priority of prizes awarded will be as follows, Scratch, IRC Echo,

20.2 The overall perpetual trophy will be awarded to the boat, which, in the opinion of the committee, is the most successful boat over the event under IRC.

20.3 Additional prizes may be awarded by an individual class for their respective fleet.
Attachment A
DBSC Racing Marks 2016 – schematic diagram showing the Alpha code for each and approximate location.

Attachment B
DBSC Yacht Racing Marks – Bearings 2016 and Distances in Nautical Miles shows the alpha code, bearings and distances for DBSC racing marks.

Attachment C
Olympic course Windward/Gybe/Leeward ICF “O”

Attachment D (below)

Costal race  These courses are available to C5 fleet

<table>
<thead>
<tr>
<th>Signal</th>
<th>Course Designation</th>
<th>Route Points</th>
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<tbody>
<tr>
<td>S</td>
<td>St. Burford-Shanganagh</td>
<td>St. Burford (s) - Shanganagh (s) - Muglins (p) - To finish line</td>
</tr>
<tr>
<td>MS</td>
<td>Muglins - Shanganagh</td>
<td>Muglins (s) - Shanganagh (s) - Muglins (p) - To finish line</td>
</tr>
<tr>
<td>B</td>
<td>St. Burford</td>
<td>St. Burford (s) - To finish line</td>
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<tr>
<td>M</td>
<td>Muglins</td>
<td>Muglins (p) - To finish line</td>
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</table>

Distances from West Pier Starting Line:
Muglins: 2.80 miles, direction 136°
Sth.Burford: 4.11 miles, direction 100°;
Shanganagh Buoy (from Sth. Burford): direction 221°, distance 3.92 miles.
Shanganagh Buoy (from Muglins): Distance 1.66 miles, Direction 197°.

Combined distances, Sth.Burford/Shanganagh course: outward leg (via St. Burford) 8.03 miles; return leg (via the Muglins) 4.50 miles

<table>
<thead>
<tr>
<th>Coordinates</th>
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<tbody>
<tr>
<td>Mark</td>
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<tr>
<td>Muglins</td>
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<tr>
<td>Sth. Burford</td>
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<tr>
<td>Shanganagh</td>
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</tbody>
</table>

Boats approaching Muglins sound from Scotsman’s bay are advised to keep to the port hand side of the Sound, avoiding the Leac Buidhe rock on their starboard side, 53 16.616N 06 05.149W.
Attachment A
<table>
<thead>
<tr>
<th>Start (A)</th>
<th>Star (B)</th>
<th>Sloop (C)</th>
<th>Sloop (D)</th>
<th>Sloop (E)</th>
<th>Fling (F)</th>
<th>Sky Race (G)</th>
<th>Sky Race (H)</th>
<th>J24 (I)</th>
<th>Mirren Middle (J)</th>
<th>Molly (K)</th>
<th>Polly (L)</th>
<th>Puffin (M)</th>
<th>Orange (N)</th>
<th>Zebra (O)</th>
<th>Turning (P)</th>
</tr>
</thead>
<tbody>
<tr>
<td>18.36 8.14</td>
<td>Start</td>
<td>275 005 352 002 018 032 047 071 059 042 029 099 114 126 138 130 103 140 114 141 122 078 306</td>
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<td>18.36 9.00</td>
<td>Salish (A)</td>
<td>095 043 017 020 002 044 005 039 032 095 045 011 011 115 117 112 112 173 173 155 149 126 082 128 124 114 114 128 085</td>
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<td>19.02 8.15</td>
<td>Saimia (B)</td>
<td>165 024 005 335 000 004 005 068 140 091 115 136 126 042 129 131 141 151 126 145 159 143 109 196</td>
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<td>19.48 8.60</td>
<td>Spoint (C)</td>
<td>172 197 155</td>
<td>- 024 048 067 090 147 112 136 218 089 136 136 144 152 132 156 148 158 146 122 177</td>
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<td>20.00 8.30</td>
<td>Stilgif (E)</td>
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<td>- 072 091 114 165 136 160 212 136 150 147 153 160 145 164 161 168 156 140 186</td>
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<td>20.22 7.45</td>
<td>Stibar (E)</td>
<td>198 212 205 232 352 332 327 345 004 031 038 076 049 090 294 033 119 127 141 155 117 164 149 173 142 082 262</td>
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<td>20.08 6.70</td>
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<td>- 159 261 180 203 238 227 177 166 171 179 168 180 188 181 178 172 216</td>
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<td>18.56 7.40</td>
<td>Harbr (N)</td>
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<td>19.51 6.56</td>
<td>Aisgard (J)</td>
<td>237 248 270 292 316 340 000 023 228</td>
<td>- 247 268 314 174 157 166 178 156 188 195 199 177 153 243</td>
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<tr>
<td>19.25 4.37</td>
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<td>239 289 295 316 340 003 046 189 067</td>
<td>- 299 000 137 136 145 160 131 160 162 142 135 044 276</td>
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<td>18.52 7.50</td>
<td>Midrex (L)</td>
<td>123 172 106 082 032 044 053 074 114 099</td>
<td>- 044 115 121 120 137 115 139 126 139 139 101 139</td>
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<td>19.75 5.48</td>
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<td>- 156 150 157 166 146 172 171 176 162 141 210</td>
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<td>17.82 5.10</td>
<td>Poluly (P)</td>
<td>204 289 311 291 301 311 332 346 351 334</td>
<td>- 255 231 293 297 300 270 317 299 262 240 339 295</td>
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<td>17.50 5.08</td>
<td>Island (Q)</td>
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<td>- 299 000 276 292 316 356 305 306</td>
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<td>16.28 6.16</td>
<td>Bullock (R)</td>
<td>318 308 331 332 340 351 339 003 335 358 341 317 346</td>
<td>- 301 045 069</td>
<td>- 003 309 334 314 001 005 317</td>
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<tr>
<td>18.16 6.58</td>
<td>East (S)</td>
<td>283 281 306 316 335 348 351 338</td>
<td>- 312 209 227 030 224 227 030 224 329 285</td>
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<td>17.46 6.68</td>
<td>Battery (T)</td>
<td>321 308 336 338 346 351 305 001 346 008 349 319 352 002 070 006 126 046</td>
<td>- 353 222 045 019 320</td>
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<td>18.10 6.64</td>
<td>Piers (V)</td>
<td>294 287 325 328 341 356 008 017 329 015 334 206 351 067 136 156 190 092 177</td>
<td>- 208 338 296</td>
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<tr>
<td>17.73 7.10</td>
<td>Bay (W)</td>
<td>321 304 339 338 348 001 012 200 353 018 357 319 358 047 090 112 134 048 142 023</td>
<td>- 025 204 319</td>
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<td>17.78 6.23</td>
<td>Omega (Y)</td>
<td>302 295 323 336 346 351 305 001 346 008 349 319 352 002 070 006 126 046</td>
<td>- 353 222 045 019 320</td>
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<td>18.74 6.16</td>
<td>Zebra (Z)</td>
<td>258 283 289 302 320 338 352 000 262 333 284 321 312 194 159 170 185 159 199 218 214 188</td>
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<td>18.43 8.34</td>
<td>Tanget (P)</td>
<td>126 265 016 357 006 022 036 052 062 063 059 319 030 102 114 126 137 105 140 115 123 082</td>
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To degree magnetic - allowing 5° west variation
Attachment C

Olympic course Windward/Gybe/Leeward ICF “O”

1

2  Start/Finishing Line

Note
All marks shall be rounded to port
The course will be:  Round 1 from the Start to mark 1-2-3
Round 2 to mark 1-3
Round 3 to mark 1-2-3 to the Finish (Unless shortened)

Windward-Leeward Course ICF “W”

W2 W1

Start/Finishing Line

Round Number  From the start:

1  W1 – W2 - G1 or G2
2  W1 – W2 - G1 or G2
3  W1 – W2 - G1 or G2
4  W1 – W2 - G1 or G2

Then to the finishing line

All marks to be rounded to Port except when sailing through the gate boats shall round either Mark G1 to starboard or Mark G2 to port.

The Number of rounds shall be displayed on the committee boat.
In the event that a leeward gate is not laid a single mark will be laid and this mark will be rounded to port.