



**2018**

# **PITTWATER BENETEAU REGATTA**

In conjunction with the RPAYC Lion Island Race 1

**6 MAY, 2018**

## **SAILING INSTRUCTIONS**

**Event Website**

[www.rpayc.com.au/yacht-racing/regatta-and-championships](http://www.rpayc.com.au/yacht-racing/regatta-and-championships)



The Royal Prince Alfred Yacht Club  
16 Mitala Street, Newport Beach NSW 2106

Tel: (02) 9998 3700 Fax: (02) 9997 8620

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# The Royal Prince Alfred Yacht Club

Broken Bay NSW Phone: 02 9998 3700

## EMERGENCY GUIDE FOR BROKEN BAY

AMBULANCE | POLICE | FIRE: 000 or 112

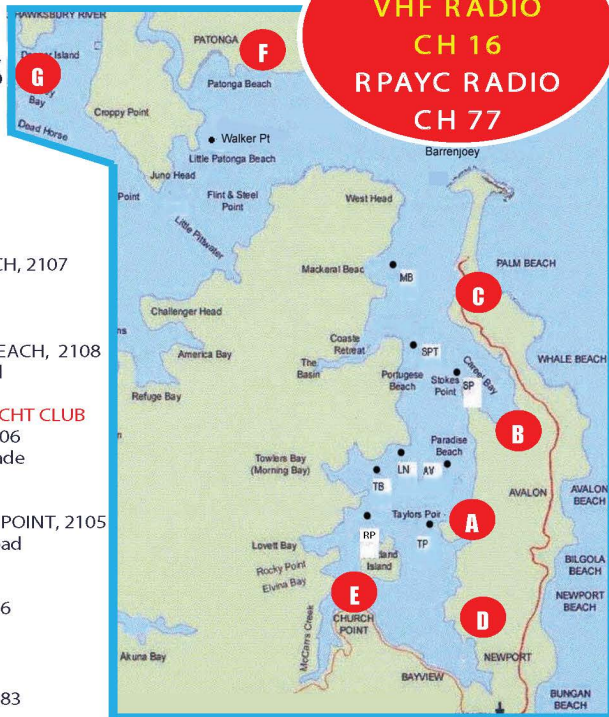
WATER POLICE BB:	0412 162 093	MONA VALE POLICE:	9998 0699
WATER POLICE BB:	9910 7899	MV ALFREDS I:	0428 276 409
RMS (MARITIME):	13 12 36	MV ALFREDS II:	0458 787 500
MARINE RESCUE BB:	9999 3554	RPAYC RECEPTION:	9998 3700

VHF MARINE RADIO → →

**EMERGENCY  
VHF RADIO  
CH 16  
RPAYC RADIO  
CH 77**

## AMBULANCE PICK UP POINTS

- A. **TAYLORS POINT WHARF**  
Lot 7132 Taylors Pt Rd  
CLAREVILLE, 2107  
Cross Street - Hudson Parade
- B. **CAREEL BAY WHARF**  
4 George Street, AVALON BEACH, 2107  
Cross Street - Therry Street
- C. **PALM BEACH FERRY WHARF**  
1151 Barrenjoey Road, PALM BEACH, 2108  
Cross Street - Palm Beach Road
- D. **THE ROYAL PRINCE ALFRED YACHT CLUB**  
16 Mitala Street, NEWPORT, 2106  
Cross Street - Prince Alfred Parade
- E. **CHURCH POINT WHARF**  
1860 Pittwater Road, CHURCH POINT, 2105  
Cross Street - McCarrs Creek Road
- F. **PATONGA BEACH WHARF**  
6/8 Patonga Dr, PATONGA, 2256  
Cross Street - Bay Street
- G. **BROOKLYN WHARF**  
7 Dangar Road, BROOKLYN, 2083  
Cross Street - Karoola Street



Be Aware that the tide may impact depths at the above listed Pick Up Points. Commercial traffic at Palm Beach Wharf may also impact access.

Taylors Point Wharf may not always be a suitable evacuation location due to depth and/or weather limitations.

From a medical resource perspective, it is desirable in a multiple casualty situation, that medical treatment be provided at one location.

When using the RPAYC as a Pick Up Point, direct parties and emergency services to access the Services Wharf. Remember to contact the RPAYC to advise of the incident.

The following items of medical equipment are at the RPAYC Clubhouse:

Medical Kits | AEDs | Oxygen Kits | Spinal Board | Applied First Aiders | Wheelchair

The Venue and Organising Authority of the 2018 Beneteau Pittwater Regatta is The Royal Prince Alfred Yacht Club, 16 Mitala St, Newport 2106. The Beneteau Cup will be held in conjunction with the RPYC Lion Island Series.

## SAILING INSTRUCTIONS

### 1 RULES

- 1.1 The regatta will be governed by the current versions of:
- The *rules* as defined in the 2017-2020 Racing Rules of Sailing (RRS) of the International Sailing Federation (ISAF);
  - the Prescriptions and Special Regulations of Australian Sailing (AS) (Special Regulations);
- except as any of these are amended by the Notice of Race and or Sailing Instructions.
- 1.2 Boats must comply with the 2017-2020 Australian Sailing Special Regulations equipment requirements for Category 7, except that the Personal Flotation Devices (PFDs) must be at a minimum PFD Type 1 and branded as complying with AS1512, AS4758, ISO 12402-3 or equivalent overseas standard. In addition In addition, the safety equipment items defined on the NSW Roads and Maritime Services (RMS) website that are relevant to the location of the event must be carried onboard at all times.
- 1.3 All competing boats shall carry a functional hand held or cockpit mounted VHF radio for both safety purposes and Race Committee communication, tuned to VHF Channel 77.
- 1.4 RRS 50.2 and 50.3 will be amended so that fixed and retractable spinnaker poles and bowsprits will be permitted for the purposes of setting asymmetrical spinnakers.
- 1.4 Boats competing in Division 1, 2 & 3 are classified as Spinnaker Divisions.
- 1.5 Boats competing in Division 4 (this includes boats in the Lion Island Series Division 4) are classified as non-spinnaker Division. Boats shall use only mainsail and one headsail at a time. The headsail must be fully hanked, or attached by means of a luff groove device to the forestay.
- 1.6 It is recommended that boats remove anchors that protrude from their bow whilst competing.

### 2 RESPONSIBILITY

- 2.1 All those taking part in RPYC races do so at their own risk and responsibility.
- 2.2 Attention is drawn to RRS 2017-2020 Fundamental Rule 4 which states **“The responsibility for a boat’s decision to participate in a race or continue racing is hers alone”**.

### 3 SCHEDULE OF EVENTS

3.1

Event	Beneteau Cup	
Welcome Drink & Race Briefing	0900 - 1030 hrs	
Division 1	1200 hrs	
Division 3	1210 hrs	
Division 4 (Non-spinnaker)	1215 hrs	
Beneteau Dinner & presentation of Awards	1800 hrs	

### 4 ELIGIBILITY AND ENTRY

- 4.1 All boats must have supplied confirmation to the sailing office prior to starting that they comply with YA Special Regulations from Part 1 Section 2: Category 7.
- 4.2 Entries must be accompanied by copies of current certificate of insurance, noting details of the cover and the insurer and current Australian Sailing Special Regulations Form for Race Category 7 or higher.

### 5 RACING DIVISION FLAGS

- 5.1 For the Beneteau Cup there may be up to 2 divisions.
- 5.2 All boats must sail in the division as nominated by the Yacht Racing Committee. A boat that sails in the incorrect fleet or division shall be scored as Did Not Compete (DNC).

### 6 THE START

- 6.1 Starting Area may be the area of water extending from Bayview in the South to an imaginary line extending east from Longnose Point in the North.
- 6.2 The start shall be between the Committee Vessel displaying an orange flag and an orange inflatable mark on the port end of the line.

## **7 STARTING TIMES**

7.1 The scheduled Start Times are as per Starting Groups in Appendix A.

## **8 THE FINISH**

8.1 The finish line shall be between the Committee Vessel displaying an orange flag and an orange inflatable mark moored nearby.

8.2 The finishing area may be in the vicinity of the Start Line.

## **9 SHORTENED COURSE**

9.1 The following methods may be used to shorten course:

(a) At any rounding mark – In accordance with RRS 32 and Race Signals.

(b) On any leg of the course and or Finish Line - Finish between the Committee Vessel displaying Code Flag S and the inflatable mark moored nearby.

(c) By deleting a leg or legs of the course – If code flag “S” is attached to a rounding mark then all further marks, until the finish line, are deleted and boats shall round that mark and proceed to the finish line. This amends RRS 32.2 and Race Signals Code Flag “S”.

## **10 TIME LIMIT**

10.1 The time limit shall be three and a half (3.5) hours from the starting signal of each Division or official sunset for Sydney (AEDT, whichever occurs earlier).

10.2 Any boat finishing outside the time limit shall be scored Did Not Finish (DNF). This amends RRS 35.

## **11 COMMUNICATIONS**

11.1 All boats shall maintain a listening watch on VHF 77 for the duration of the regatta.

11.2 Notices to Competitors will be posted on the Official Notice Board adjacent the Sailing Office.

## **12 PRIZES**

12.1 Prizes may be awarded at the Presentation Dinner to each boat placing first, second or third in the regatta.

12.2 Other prizes may be awarded at the discretion of the Race Committee.

## **13 COURSES**

13.1 Beneteau Cup Divisions 1, 2, 3 & 4:

The course to be sailed will be selected from the entire list attached to these Sailing Instructions. Note courses displayed are those for the Lion Island Series. Refer to item 5.0 for corresponding Beneteau Cup Divisions.

13.2 Beneteau Cup Divisions 1, 2, 3 & 4:

The course shall be indicated by a numeral course board displayed from the Committee Vessel at or before the Warning Signal for the first fleet to start.

13.3 All marks are to be rounded to Starboard unless otherwise indicated (P), denoting a Port rounding.

## **14 NAVIGATING LION ISLAND**

14.1 **At all time's special attention should be given when navigating Lion Island and its surrounds. The effect of swell, breaking seas and the possibility of uncharted rocks must be carefully considered.**

**ALL BOATS MUST KEEP AT LEAST 80 METERS FROM LION ISLAND WHEN ROUNDING.**

**It is noted that there are possibly four hazards when rounding the island. Remember at low tides the risk of these hazards may be increased. Crews are reminded to keep an active watch.**

Further information about navigating Lion Island is attached to these Sailing Instructions.

## **15 DISCLAIMER OF LIABILITY**

15.1 It is the competitor's decision to enter the Event or to start and continue in any race. Competitors shall accept that their participation in the Event is at their exclusive risk in every respect. By way of entry in the Event competitors must indemnify the Organising Authority their officers, members, staff and agents in respect to all claims and demands of whatever nature which may be made upon them in connection with or howsoever arising from their participation or intended participation in the Event.

15.2 The Organising Authority their officers, members, staff and agents accept no responsibility in respect of loss of life, personal injury or loss or damage to property which may be sustained by reason of their participation or intended participation in the Event or howsoever arising in connection with the Event.

**15.3 Competitors' attention is drawn to RRS 4 – Decision to Race. The responsibility for a boat's decision to participate in a race or to continue racing is hers alone.**

## 16 INSURANCE

16.1 Each participating boat must be insured with current third party property insurance cover and valid third-party personal liability insurance cover of not less than AU\$10,000,000 (10 million dollars) or equivalent thereof in any other currency for any one claim event.

## 17 FURTHER INFORMATION

The Royal Prince Alfred Yacht Club  
16 Mitala St, Newport  
Telephone: (02) 9998 3771  
Fax: (02) 9997 8620  
Email: [sailing@rpayc.com.au](mailto:sailing@rpayc.com.au)  
Website: [www.rpayc.com.au](http://www.rpayc.com.au)

Flagstaff Marine Holdings Pty Ltd  
Heron Cove Marine, Queens Parade, Newport  
dAlbora Marina, New Beach Road, Rushcutters Bay  
Tel :02 9327 2088  
Email [marketing@flagstaffmarine.com.au](mailto:marketing@flagstaffmarine.com.au)

## APPENDIX A – Divisions and Starting Groups

Yacht Name	Beneteau Cup Division	Starting Group	Start Time
Bombolo	1 (Spinnaker)	Division 1	1200
Dreki Sunnan	1 (Spinnaker)	Division 1	1200
Galileo	1 (Spinnaker)	Division 1	1200
Tailwind	1 (Spinnaker)	Division 1	1200
<b>Division 3</b>			
A Vendre	1 (Spinnaker)	Division 3	1210
Antipodes	1 (Spinnaker)	Division 3	1210
Beau Soleil	1 (Spinnaker)	Division 3	1210
Dankse	1 (Spinnaker)	Division 3	1210
Diablo	1 (Spinnaker)	Division 3	1210
Elusive Spirit	1 (Spinnaker)	Division 3	1210
Mini Bateau	1 (Spinnaker)	Division 3	1210
Scuffy	1 (Spinnaker)	Division 3	1210
<b>Division 4</b>			
Belle Epoque	2 (Non-spinnaker)	Division 4	1215
Bliss	2 (Non-spinnaker)	Division 4	1215
Czech Mate	2 (Non-spinnaker)	Division 4	1215
Dancing in the Wind	2 (Non-spinnaker)	Division 4	1215
Dartagnan	2 (Non-spinnaker)	Division 4	1215
Eau de Vie	2 (Non-spinnaker)	Division 4	1215
Elara	2 (Non-spinnaker)	Division 4	1215
Elysian	2 (Non-spinnaker)	Division 4	1215
Escape	2 (Non-spinnaker)	Division 4	1215
Kingfisher	2 (Non-spinnaker)	Division 4	1215
La Troisieme Mitemps	2 (Non-spinnaker)	Division 4	1215
Loiseau	2 (Non-spinnaker)	Division 4	1215
Moondance	2 (Non-spinnaker)	Division 4	1215
Nightingale	2 (Non-spinnaker)	Division 4	1215
Nirvana 2	2 (Non-spinnaker)	Division 4	1215
Tobruk	2 (Non-spinnaker)	Division 4	1215



## SECTION 15.0 - MARKS AND DESCRIPTIONS - 2017-2018

### 1 DESCRIPTION OF MARKS

Inflatable Marks may be of orange or yellow in colour.

The letters "BJ", "WM", "BH" or figures "01", "02", "03", "04" and "08" may be displayed on the respective marks.

**Note:** All marks are designated as rounding marks except when a mark is designated as a passing mark, indicated by 'mark description' (pass).

### 2 MARK LOCATIONS

The Latitudes, Longitudes, Distances, Compass Bearings shown herein, are intended to assist the competitors locate various rounding marks, and shall be regarded as approximate only. All compass bearings are magnetic.

The approx. magnetic bearing (axis) from the BJ mark to the 01 mark may be displayed from the Committee Vessel. Marks 02, 03, 04 and 08 shall be laid on approximately the same bearing from BJ as 01.

### 3 MARKS (approximate locations)

**01** Inflatable mark shall be laid 1 nm. to seaward from the BJ mark.

**02** Inflatable mark shall be laid 2 nm. to seaward from the BJ mark.

**04** Inflatable mark shall be laid 4 nm. to seaward from the BJ mark.

**08** Inflatable mark shall be laid 8 nm. to seaward from the BJ mark.

**1PT First Point.** Inflatable mark laid approximately at 33° 29.6' S, 151° 29.2'E.

**2PT Two Points.** Inflatable mark laid approximately at 33° 30.8' S, 151° 27.62'E.

**W Windward Mark.** An inflatable mark laid a minimum of 0.5nm to windward of the starting line "If Code Flag "W" is displayed with the course number, the first mark of the course will be a mark to windward of the starting line. Boats shall round this mark to port, if a red flag is displayed below Flag 'W' or to starboard if a green flag is displayed.

The second mark of the course will be the first mark as described in the course description. If a "W" flag is not flown, the first mark of the course will be the one listed in the course description.

**BH Box Head.** Inflatable mark shall be laid East of Lion Island, approximately 33° 33.25' S, 151° 20.35' E

**BJ Barrenjoey.** Inflatable mark shall be laid North-East from Barrenjoey Lighthouse, approximately 33° 34.4' S, 151° 20.4' E

**BJE Barrenjoey.** Inflatable mark shall be laid North-East from Barrenjoey Lighthouse.



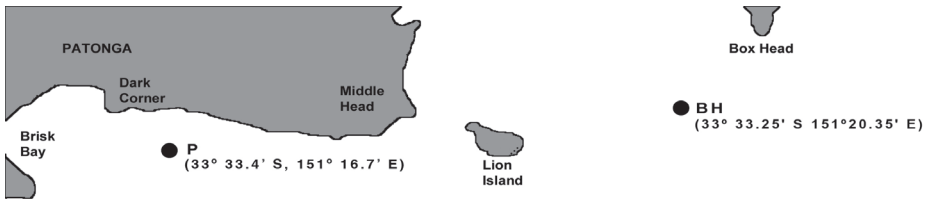
- CV Clareville.** Fixed Yacht Mark either an orange can or yellow pyramid situated North-West of Avalon Sailing Club, approximately 33° 37.5' S, 151° 18.6' E
- EB Ellis Buoy.** Inflatable mark laid to the South West of the Clareville mark.
- FS Flint & Steel.** Inflatable mark laid approximately at 33° 34.1' S, 151° 17.4' E, North-East of Flint & Steel Point.
- J Juno.** Fixed Yacht Mark either an orange can or yellow pyramid situated 100m East of Juno Point, approximately 33° 34.010'S, 151° 15.916
- LI Lion Island.** The summit of Lion Island situated between West Head and Box Head.
- LN Longnose.** Fixed Yacht Mark either an orange can or yellow pyramid situated South West of Longnose Point, approximately 33° 37.4' S, 151° 18.0' E
- LR Long Reef.** Inflatable mark laid approximately at 33° 45.000'S 151° 22.000'E, approximately 10n.m. South-East of Barrenjoey Headland.
- MB Mackerel Beach.** Fixed Yacht Mark either an orange can or yellow pyramid situated between Currawong and Great Mackerel Beach, approximately 33° 35.7' S, 151° 18.3' E
- P Patonga Mark.** Inflatable mark laid approximately at 33° 33.4' S, 151° 16.7' E, South of Eastern Point or Brisk Bay.
- PB Palm Beach Mark.** Inflatable mark laid approximately at 33° 35.7' S, 151° 20.5' E.
- RP Rocky Point.** Fixed Yacht Mark either an orange can or yellow pyramid situated to the North East of Rocky Point, approximately 33° 37.9' S, 151° 17.4' E
- SDP Soldiers Point.** Fixed Yacht Mark either an orange can or yellow pyramid situated to the north of Soldiers Point, approximately 33° 36.0' S, 151° 18.3' E
- SP Stokes Point.** Fixed Yacht Mark either an orange can or yellow pyramid situated approximately 200 metres North-West of Stokes Point, approximately 33° 36.7' S, 151° 18.8' E
- SPC Salt Pan Cove.** Inflatable mark laid approximately North-West of Salt Pan Cove Maritime Beacon, towards Scotland Island.
- TB Towlers Bay.** Fixed Yacht Mark either an orange can or yellow pyramid situated approx. 400 metres from the shoreline in Morning Bay (Towlers Bay), approximately 33° 37.5' S, 151° 17.6' E
- TGL Terrigal Mark.** Inflatable mark laid approximately at 33 27.6'S S, 151° 30.0' E.
- TP Taylors Point.** Fixed Yacht Mark either an orange can or yellow pyramid situated to the North West of Taylors Point Wharf, approximately at 33° 37.9' S, 151° 18.3' E
- WH West Head.** Inflatable mark laid in the vicinity of First Head and Shark Rock (Barrenjoey and West Head).
- WM Wing Mark.** Inflatable mark shall form part of a right-angled triangle with BJ and O2 forming the hypotenuse. The approximate bearing from O2 to WM shall be the bearing displayed from the Committee Vessel minus 135°.
- WP Walker Point.** Inflatable mark situated 200 metres north east of Walker Point between Little Patonga & Patonga.



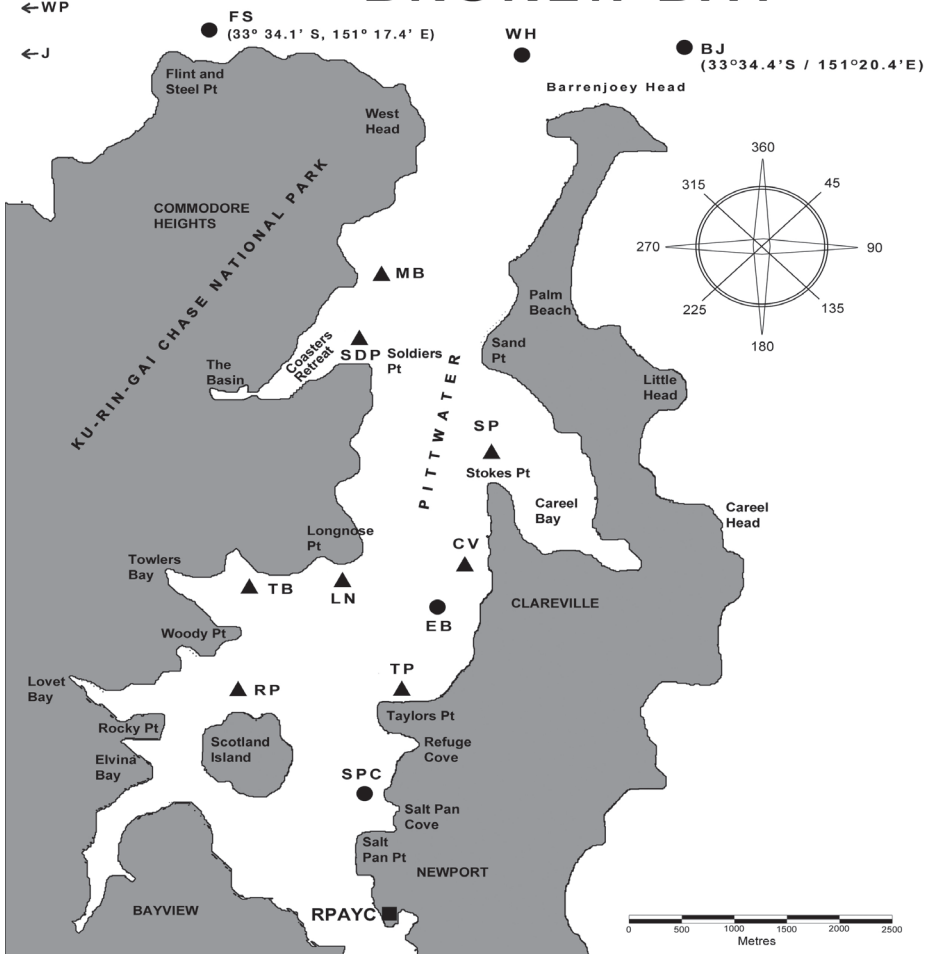
# SECTION 16.0 - CHART OF PITTWATER



CHART OF PITTWATER



## BROKEN BAY





# COURSES 2017-2018 - Amendment # 1 - 10.10.2017



Course	Wind Direction	Description
1	NE	START - SP - RP - SP - TP - RP - SP - RP - SP - TP - RP - FIN
2	NE	START - SP - TP - RP - SP - RP - SP - TP - RP - FIN
3	NE	START - SP - RP - SP - TP - RP - SP - RP - FIN
4	NE	START - SP - RP - LN - TP - RP - FIN
5	NE	START - SP - RP - SP - FIN
6	NE	START - SP - RP - SP - RP - LN - FIN
7	NE	START - EB(P) - RP - SP - RP - LN - FIN
8	NE	START - SP - RP - LN - FIN
9	NE	START - SP - RP - FIN
10	NE	START - EB(P) - RP - SP - RP - SP - FIN
11	NE	START - EB(P) - RP - LN - RP - SP - FIN
12	NE	START - EB(P) - RP - SP - FIN
13	NE	START - MB - 01(P) - WH - MB(P) - FIN
14	E	START - TP(P) - RP(P) - TP(P) - TB(P) - RP(P) - TP(P) - RP(P) - TP(P) - TB(P) - RP(P) - FIN
15	E	START - EB(P) - TB(P) - RP(P) - EB(P) - RP(P) - EB(P) - TB(P) - RP(P) - FIN
16	E	START - TP(P) - LN - SP - TB(P) - EB(P) - TB(P) - RP(P) - FIN
17	E	START - CV(P) - TB(P) - RP(P) - CV(P) - TB(P) - RP(P) - FIN
18	S-SE	START - SPC(P) - MB - TP - MB - SPC - TB - FIN
19	S-SE	START - SPC(P) - SDP - TP - SDP - SPC - TB - FIN
20	S-SE	START - SPC(P) - SDP - SPC - TB - SPC - TB - FIN
21	S-SE	START - SPC(P) - SDP - SPC - TB - FIN
22	S-SE	START - SPC(P) - TB - SPC - TB - SPC - TB - FIN
23	S-SE	START - SPC(P) - TB - TP - TB - SPC - TB - FIN
24	S	START - MB - TP - TB(P) - SPC(P) - LN - TP - TB(P) - FIN
25	S	START - MB - TP - TB(P) - RP(P) - LN - TP - TB(P) - FIN
26	S	START - MB - SPC(P) - LN - TP - TB(P) - FIN
27	S-SE	START - MB - TP - TB(P) - FIN
28	S-SE	START - SP - TP - TB(P) - FIN
29	SW	START - RP(P) - TP(P) - SP(P) - RP(P) - SP(P) - RP(P) - SP(P) - RP(P) - CV(P) - FIN
30	SW	START - RP(P) - TP(P) - SP(P) - RP(P) - SP(P) - RP(P) - CV(P) - FIN
31	SW	START - RP(P) - SP(P) - RP(P) - SP(P) - RP(P) - CV(P) - FIN
32	SW	START - RP(P) - TP(P) - SP(P) - RP(P) - CV(P) - FIN

Course	Wind Direction	Description
33	W	START - RP - CV(P) - RP - TP(P) - CV(P) - TB(P) - CV(P) - RP(P) - CV(P) - FIN
34	W	START - RP - TP(P) - CV(P) - TB(P) - CV(P) - RP(P) - CV(P) - FIN
35	W	START - RP - CV(P) - TB(P) - CV(P) - RP(P) - CV(P) - FIN
36	W	START - RP - CV(P) - RP(P) - CV(P) - FIN
37	NW	START - TB - TP(P) - CV(P) - MB - SP - TP - TB(P) - SPC(P) - FIN
38	NW	START - TB - TP(P) - CV(P) - SDP - SP - TP - TB(P) - SPC(P) - FIN
39	NW	START - TB - TP(P) - CV(P) - SP - TP - TB(P) - SPC(P) - FIN
40	NW	START - TB - TP(P) - MB - SPC - MB - SPC(P) - FIN
41	NW	START - TB - TP(P) - SDP - SPC - MB - SPC(P) - FIN
42	NW	START - TB - SPC - MB - SPC(P) - FIN
43	NW,SE,W	START - SP(P) - MB - WH(P) - P - WH - MB(P) - SP - FIN
44	NW,SE,W	START - MB - WH(P) - P - WH - MB(P) - SP - FIN
45	NW,SE,W	START - MB - WH(P) - P - MB(P) - FIN
46	ALL	START - SP(P) - MB - WH - MB(P) - SP - FIN
47	ALL	START - MB - WH - MB(P) - FIN
48	W-E	START - SP(P) - MB - WH(P) - WP - WH - MB(P) - FIN
49	W-E	START - MB - WH(P) - WVP - WH - MB(P) - FIN
50	W-E	START - MB - WP - MB(P) - FIN
51	ALL	START - MB - WH(P) - FIN
52	NE	START - SP(P) - MB - BH - WH - BH - MB(P) - FIN
53	NE	START - SP(P) - MB - BH - MB(P) - FIN
54	NE	START - MB - BH - MB(P) - FIN
55	All	START - MB - LI(P) - MB(P) - FIN
56	All	START - MB - LI(P) - MB(P) - TP - TB(P) - FIN
57	All	START - MB - LI(P) - WVP(P) - MB(P) - FIN
58	All	START - 08(P) - FIN
59	NE	START - 1PT - FIN
60	NE	START - TGL - FIN
61	NE	START - 2PT(P) - PB(P) - 2PT(P) - FIN
62	All	START - 04(P) - BJ(P) - 04(P) - FIN
63	SE	START - LR(P) - FIN

# COURSES 2017-2018 - Amendment # 1 - 10.10.2017



Course	Wind Direction	Description	
64	All	START - 08(P) - BJ(P) - 04(P) - FIN	
65	W	START - J(P) - 2PT(P) - FIN	
66	NE	START - 2PT(P) - FIN	
67	All	START - 04(P) - BJ(P) - 02(P) - FIN	
68	NE-SE	START - 02 (P) - BJ (P) - 02 (P) - BJ (P) - 01 (P) - BJ (P) - FIN	
69	NE-SE	START - 02 (P) - WM (P) - BJ (P) - 02 (P) - BJ (P) - FIN	
70	NE-SE	START - 02 (P) - BJ (P) - 02 (P) - BJ (P) - FIN	
71	NE-SE	START - 02 (P) - WM (P) - BJ (P) - 01 (P) - BJ (P) - FIN	
72	NE-SE	START - 02 (P) - BJ (P) - 01 (P) - BJ (P) - FIN	
73	NE-SE	START - 02 (P) - WM (P) - BJ (P) - FIN	
74	NE-SE	START - 02 (P) - BJ (P) - FIN	
75	NE-SE	START - 01 (P) - BJ (P) - FIN	
76	W	START - J (P) - BJ (P) - FS - BJ (P) - FIN	
77	W	START - FS - BJ (P) - FS - BJ (P) - FIN	
78	W	START - J (P) - BJ (P) - FIN	
79	NW	START - P - BJ (P) - P - BJ (P) - FIN	
80	NW	START - P - BJ (P) - FIN	
81	SE-NW	Div 1	START - MB - SP - TP - SDP - TP - TB(P) - FIN
		Div 2	START - SDP - SP - TP - SDP - TP - TB(P) - FIN
		Div 3	START - SDP - TP - SDP - TP - TB(P) - FIN
82	SE-NW	Div 1	START - MB - SP - MB - SP - SDP(P) - TP - TB(P) - FIN
		Div 2	START - MB - SP - SDP(P) - TP - TB(P) - FIN
		Div3	START - MB - TP - TB(P) - FIN
83	NE-SW	Div 1	START - SP - TP - RP - SP - RP - SP - TP - FIN
		Div 2	START - SP - RP - SP - RP - SP - TP - FIN
		Div 3	START - SP - RP - SP - TP - FIN
84	NW	Div 1	START - TB(P) - TP(P) - MB - TP - TB(P) - SPC(P) - TB(P) - FIN
		Div 2	START - TB(P) - TP(P) - SDP - TP - TB(P) - SPC(P) - TB(P) - FIN
		Div3	START - SDP - TP - TB(P) - SPC(P) - TB(P) - FIN
85	W	Div 1	START - RP - CV(P) - RP - SP(P) - RP - CV(P) - TB(P) - FIN
		Div 2	START - CV(P) - RP - SP(P) - RP - CV(P) - TB(P) - FIN
		Div 3	START - RP - SP(P) - RP - CV(P) - TB(P) - FIN

Course	Wind Direction	Description	
86	S	Div 1	START - MB - SPC - SDP - TP - TB(P) - FIN
		Div 2	START - SDP - SPC - SDP - TP - TB(P) - FIN
		Div 3	START - LN - SPC - SDP - TP - TB(P) - FIN
		Div 4	START - LN - SPC - SDP - TP - TB(P) - FIN
87	ALL	Div 1	START - EB(P) - MB - SP - FIN
		Div 2	START - LN - SP - FIN
		Div 3	START - SP - FIN
		Div 4	START - SP - FIN
89	N-NE	Div 1	START - TP(P) - RP - SP - RP - SP - FIN
		Div 2	START - SP - RP - SP - FIN
		Div 3	START - TP(P) - RP - SP - FIN
		Div 4	START - TP(P) - RP - SP - FIN
90	N-NE	Div 1	START - SP - RP - SP - FIN
		Div 2	START - TP(P) - RP - SP - FIN
		Div 3	START - SP - FIN
		Div 4	START - SP - FIN
91	S-SE	Div 1	START - TB - SP(P) - MB - TP - TB(P) - FIN
		Div 2	START - MB - TP - TB(P) - FIN
		Div 3	START - SDP - TP - TB(P) - FIN
		Div 4	START - SDP - TP - TB(P) - FIN
92	S-SE	Div 1	START - MB - TP - TB(P) - FIN
		Div 2	START - SDP - TP - TB(P) - FIN
		Div 3	START - TB - CV - TP - TB(P) - FIN
		Div 4	START - TB - CV - TP - TB(P) - FIN
93	W	Div 1	START - CV(P) - TB(P) - CV(P) - RP(P) - CV(P) - RP(P) - TP - FIN
		Div 2	START - CV(P) - RP(P) - CV(P) - RP(P) - TP - FIN
		Div 3	START - RP(P) - CV(P) - RP(P) - TP - FIN
		Div 4	START - RP(P) - CV(P) - RP(P) - TP - FIN
94	N-NE	Div 1	START - TP(P) - RP - SP - FIN
		Div 2	START - RP - SP - FIN
		Div 3	START - SP - FIN
		Div 4	START - SP - FIN