



# Brass Monkey 2018 Courses and Marks

## Preamble

### Amendments

Number	Date	Descriptions Changed	Summary of Amendment
1	8/6/18	V mark sub for X Mark	Refer Description of mark Section
2	11/7/18	Added Course 22	Lengthen Westerly Course
3			

Competitors should be aware of the shipping movements which can occur at any time and are reminded to keep clear of shipping within Hobsons Bay and the Williamstown and Port Melbourne Channels. While Channel 71, 11 and 9 are not marks of the course in terms of RRS 28.1 (b), these are bounding marks under RRS 28.2 and therefore have a required side as indicated in the course descriptions below. These are intended to reduce the potential for competitors to interfere with shipping using the channels.

All Divisions Start at the same Start Line.

Pursuit Courses have the same Start and Finish location. Pursuit Courses 9 to 12 **you are required to pass through the Start Line.**

Division 1 (inc. Measurement Cup) shall have a separate finish line.

## DIVISIONS 2 (S80 & Diamonds) and 3 (Pursuit)

(In principal, 2 triangles and a sausage)

### Course No. 1 (Southerly)

Approximately 7.1 nautical miles

Start/Finish: Vicinity of CH.74

Start line to **Mark V** (leaving to port) to **Ch.74** (leaving to port) to **R4** (leaving to port) to **Mark V** (leaving to port) to **Ch.74** (leaving to port) to **R4** (leaving to port) to **Mark V** (leaving to port) to **R4** (leaving to port) then to **finish line**.

### Course No. 2 (Northerly)

Approximately 7.1 nautical miles

Start/Finish: Vicinity of CH.74

Start line to **R4** (leaving to starboard) to **Ch.74** (leaving to starboard) to **Mark V** (leaving to starboard) to **R4** (leaving to starboard) to **Ch.74** (leaving to starboard) to **Mark V** (leaving to starboard) to **R4** (leaving to starboard) to **Mark V** (leaving to starboard) then to **finish line**.

### Course No. 3 (Easterly)

Approximately 7.2 nautical miles

Start/Finish: approximately 100m south of Ch.74

Start line to **Mark Y** (leaving to port) to **Ch.74** (leaving to port) to **Ch.17a** (leaving to port) to **Mark Y** (leaving to port) to **Ch.74** (leaving to port) to **Ch.17a** (leaving to port) to **Mark Y** (leaving to port) to **Ch.17a** (leaving to port) then to **finish line**.

### Course No. 4 (Westerly)

Approximately 7.2 nautical miles

Start/Finish: approximately 100m south of Ch.74

Start line to **Ch.17a** (leaving to starboard) to **Ch.74** (leaving to starboard) to **Mark Y** (leaving to starboard) to **Ch.17a** (leaving to starboard) to **Ch.74** (leaving to starboard) to **Mark Y** (leaving to starboard) to **Ch.17a** (leaving to starboard) to **Mark Y** (leaving to starboard) then to **finish line**

## DIVISIONS 2 (S80 & Diamonds) and 3 (Pursuit) Short Courses

(In principle, 2 triangles)

### Course No. 5 (Southerly short)

Approximately 4.8 nautical miles

Start/Finish: Vicinity of CH.74

Start line to **Mark V** (leaving to port) to **Ch.74** (leaving to port) to **R4** (leaving to port) to **Mark V** (leaving to port) to **Ch.74** (leaving to port) to **R4** (leaving to port) then to **finish line**.

### Course No. 6 (Northerly short)

Approximately 4.8 nautical miles

Start/Finish: Approximately 100m S.W. of CH.74

Start line to **R4** (leaving to starboard) to **Ch.74** (leaving to starboard) to **Mark V** (leaving to starboard) to **R4** (leaving to starboard) to **Ch.74** (leaving to starboard) to **Mark V** (leaving to starboard) then to **finish line**.

### Course No. 7 (Easterly short)

Approximately 4.8 nautical miles

Start/Finish: approximately 100m south of Ch.74

Start line to **Mark Y** (leaving to port) to **Ch.74** (leaving to port) to **Ch.17a** (leaving to port) to **Mark Y** (leaving to port) to **Ch.74** (leaving to port) to **Ch.17a** (leaving to port) then to **finish line**.

### Course No. 8 (Westerly short)

Approximately 4.8 nautical miles

Start/Finish: approximately 100m south of Ch.74

Start line to **Ch.17a** (leaving to starboard) to **Ch.74** (leaving to starboard) to **Mark Y** (leaving to starboard) to **Ch.17a** (leaving to starboard) to **Ch.74** (leaving to starboard) to **Mark Y** (leaving to starboard) then to **finish line**.

### Course No. 9 (Southerly with Start Line gate)

Approximately 4.8 nautical miles

Start/Finish: Vicinity of CH.74

Start line to **Mark V** (leaving to port) to **Ch.74** (leaving to port) to **R4** (leaving to port), through **Start Line**, to **Mark V** (leaving to port) to **Ch.74** (leaving to port) to **R4** (leaving to port) then to **finish line**.

### **Course No. 10 (Northerly with Start Line Gate)**

Start/Finish Approximately 100m S.W. of CH.74

Start line to **R4** (leaving to starboard) to **Ch.74** (leaving to starboard) to **Mark V** (leaving to starboard), through **Start Line**, **R4** (leaving to starboard) to **Ch.74** (leaving to starboard) to **Mark V** (leaving to starboard), then to **Finish Line**.

### **Course No. 11 (Easterly with Start Line Gate)**

Approximately 4.8 nautical miles

Start/Finish: approximately 100m south of Ch.74

Start line to **Mark Y** (leaving to port) to **Ch.74** (leaving to port) to **Ch.17a** (leaving to port), through **Start Line**, to **Mark Y** (leaving to port) to **Ch.74** (leaving to port) to **Ch.17a** (leaving to port) then to **finish line**.

### **Course No. 12 (Westerly with Start Line Gate)**

Approximately 4.8 nautical miles

Start/Finish: approximately 100m south of Ch.74

Start line to **Ch.17a** (leaving to starboard) to **Ch.74** (leaving to starboard) to **Mark Y** (leaving to starboard), through **Start Line**, to **Ch.17a** (leaving to starboard) to **Ch.74** (leaving to starboard) to **Mark Y** (leaving to starboard) then to **finish line**.

## **DIVISION 1 (inc. Measurement Cup) DIVISIONS 2 (S80 & Diamonds)**

### **Course No. 13 (Southerly)**

Approximately 11.6 nautical miles

Start: Vicinity of CH.74

Finish: between R3 and the Finish Boat

**Start** in a southerly direction, sail to east of bounding marks **Ch.71**, **11**, **9** and **7**, **R2** (leaving to port), **RMYS G** (leaving to Port), then to **finish line**.

### **Course No. 14 (Southerly)**

Approximately 9.4 nautical miles

Start: Vicinity of CH.74

Finish: between RMYS C and the Finish Boat

**Start** in a southerly direction, sail to east of bounding marks **Ch.71**, **11**, and **9**, **R3** (leaving to port), **RMYS G** (leaving to Port), sail to east of bounding marks **Ch.71**, **11**, and **9**, **R3** (leaving to port), sail to the east of bounding mark **Ch.71** to **finish line**.

### **Course No. 15 (South Easterly)**

Approximately 9.8 nautical miles

Start: Vicinity of CH.74

Finish: between RMYS A and the Finish Boat

**Start** in a south Easterly direction, sail to east of bounding mark **Ch.71**, **RMYS B** (leaving to port), **RMYS A** leaving to port **RMYS G** (leaving to Port), **RMYS B** (leaving to port, **RMYS A** (leaving to port) **RMYS G** (leaving to port, then to **finish line**.

### **Course No. 16 (South Westerly)**

Approximately 9.5 nautical miles

Start: Vicinity of CH.74

Finish: between RMYS C and the Finish Boat

**Start** in a south westerly direction, **Port Gellibrand Cardinal Mark** leave to starboard, **P2** (leave to port), **RMYS A** (leave to port) then to **finish line**.

### **Course No. 17 (South Westerly short)**

Approximately 6.5 nautical miles

Start: Vicinity of CH.74

Finish: between RMYS C and the Finish Boat

**Start** in a south westerly direction, **Port Gellibrand Cardinal Mark** leave to starboard, **P3** (leave to port), then to **finish line**.

### **Course No. 18 (Westerly)**

Approximately 10.1 nautical miles

Start: approximately 100m east of Ch.74

Finish: between RMYS B and the Finish Boat

**Start** in a westerly direction, **Channel Mark 17A** (leave to port), **RMYS B** (leave to starboard), **P3** (leave to port), then to **finish line**.

### **Course No. 19 (Easterly)**

Approximately 9.5 nautical miles

Start: approximately 100m east of Ch.74

Finish: between RMYS B and the Finish Boat

**Start** in an easterly direction, **Channel Mark RMYS A** (leave to starboard), **P3** (leave to starboard), then to **finish line**.

### **Course No. 20 (Northerly) short**

Approximately 9.5 nautical miles

Start: Approximately 100m S.W. of CH.74

Finish: between RMYS C and the Finish Boat

**Start** in a Northerly direction, **R4** (leave to starboard), **RMYS C** (leave to starboard), **R3** (leave to port), sail to the east of bounding marks **Ch.11, 9** and **71**, **RMYS G** (leave to port), **R3** (leave to port), sail to the east of bounding mark CH. 11, then to **finish line**.

### **Course 21(Northerly) long**

Approximately 11.5 nautical miles

Start: Approximately 100m S.W. of CH.74

Finish: between RMYS C and the Finish Boat

**Start** in a Northerly direction, **R4** (leave to starboard), **RMYS C** (leave to starboard), **R2** (leave to port), sail to the east of bounding marks **Ch. 7, 9, 11** and **71**, to **RMYS G** (leave to port), **R3** (leave to port), sail to the east of bounding mark **CH. 11**, then to **finish line**.

### **Course No. 22 (Westerly Long)**

Approximately 12.1 nautical miles

Start: approximately 100m east of Ch.74

Finish: between RMYS C and the Finish Boat

**Start** in a westerly direction, **Channel Mark 17A** (leave to port), **RMYS B** (leave to starboard), **P3** (leave to port), **RMYS A** (leave to port) then to **finish line**.

## **Description of Marks**

All mark positions are approximate. The position and descriptions are provided as a guideline only and must not be used for navigational purposes. Detailed locations of marks and features within Port Phillip are depicted on relevant Charts AUS143, AUS154 and AUS155, as modified by Notices to Mariners.

Ch.7	Port of Melbourne Channel Pile approximately 37 53.83S      144 55.72E
Ch.9	Port of Melbourne Channel Pile approximately 37 53.19S      144 55.75E
Ch.11	Port of Melbourne Channel Pile approximately 37 52.69S      144 55.76E
Ch.17A	Port of Melbourne Channel Pile approximately 37 51.55S      144 55.16E
Ch.71	Port of Melbourne Channel Pile approximately 37 52.06S      144 55.76E
Ch.74	Port of Melbourne Channel Pile approximately 37 51.30S      144 55.68E
Ch.75	Port of Melbourne Channel Pile approximately 37 51.30S      144 55.78E
RMYS 'A'	Yellow or orange truncated pyramid located approximately 37 51.90S      144 57.46E
RMYS 'B'	Yellow or orange truncated pyramid located approximately 37 53.27S      144 57.13E
RMYS 'C'	Yellow or orange truncated pyramid located approximately 37 52.20S      144 56.40E
RMYS 'G'	Yellow or orange truncated pyramid located approximately

	37 50.98S	144 56.16E
R2	Yellow Light Buoy marked R2 located approximately 37 54.54S 144 56.34E	
R4	Yellow Buoy located approximately 37 50.70S 144 55.36E	
P2	Yellow Buoy Marked P2 approximately 37 55.46S 144 53.19 E	
P3	Yellow Buoy approximately 37 55.46S 144 53.19 E	
V	Volvo Finish Mark. Yellow Buoy with Yellow Cross 37° 51' 48"S 144° 55' 30"E	
Y	Yellow Inflatable mark with a black band 37 51.55S 144 56.63E	

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