

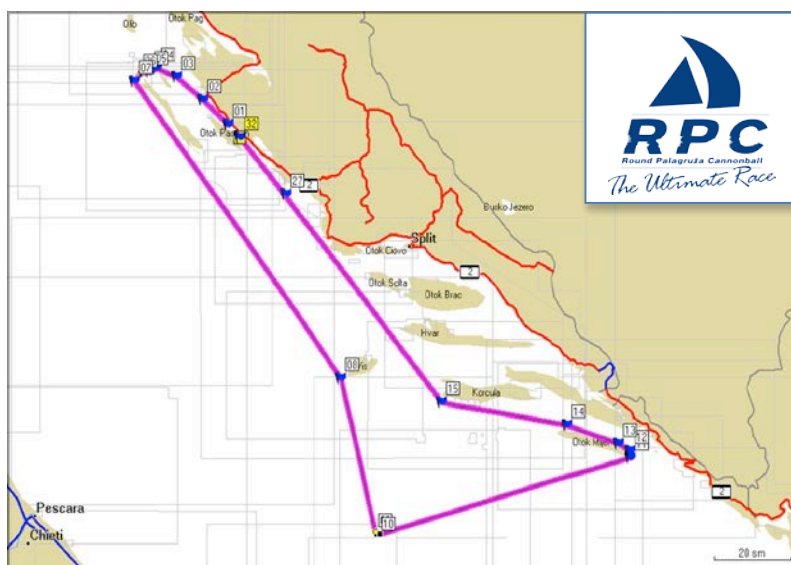
Round Palagruža Cannonball 2014 – Position of Time Limit Lines (Sailing Instructions, Addendum A)



1. The Course

Circular course with approx. 360 nautical miles:

Biograd – Ugljan (port) – Dugi Otok /Golac (port) – Biševo (stb) – Palagruža (port) – Mljet (port) – Korcula (stb) – Hvar (stb) – Rogoznica – Biograd.



This course defines the rhumb lines of the course.



2. The idea behind the Evaluation Zones

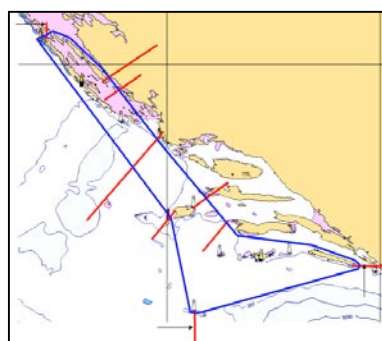
To ensure that all boats will be back on Friday for the prize giving ceremony at Biograd, a boat has to stop sailing at some point and start the engine to go faster.

As engine propulsion is not allowed in a sailing regatta it is necessary to evaluate those boats at their last position reached by sailing.

Therefore the race area is divided into sections, so called *Evaluation-Zones*.

An *Evaluation-Zone* begins at a *Time-Limit-Line* and ends at the *Time-Limit-Line* of the next *Evaluation-Zone*.

Time limits are given for each *Evaluation-Zone* in the *Evaluation Logbook* (Addendum B)



The *Time-Limit-Zones* are calculated that way, that a boat should reach Biograd on Friday, 11th of April 2014 at 12 pm when the engine is started at the given time limit for that *Time-Limit-Zone* with a travelling speed of approx. 7 knots.

A competitor who does not reach the finishing line within Friday, 11th of April 2014 at 12 pm will be scored at the yacht's position in a certain *Time-Limit-Zone* at the time given by the according *Time-Limit-Line* and ranked after other competitors that either crossed the finishing line or are closer to the finishing line on the rhumb line.

2. Chart Datum Details:

All positions obtained from most official nautical sea charts of the Adriatic sea and the List of Navigational Lights (NL) have chart datum „*Hermannskogel*“.

Therefore all positions obtained by GPS with chart datum “WGS84” must be corrected to agree with positions in sea charts of the Adriatic Sea. Please move WGS84-positions

0,28 minutes eastward in the northern part of the RPC sailing area,

and 0,01 minutes southward

and 0,29 minutes eastward in the southern part of the RPC sailing area.

Positions of navigational lights in official publications can differ to reality. In case of doubts positions of this document and the recordings of the official RPC tracking and personal GPS track recordings shall apply.

It may be helpful to set GPS devices to user-defined datas to agree with positions by chart datum Hermannskogel:

Dx +520

Dy -250

Dz +325

Da 740

Df +0,1004

All time data are in local time (UTC + 2)

[Positions given are in Garmin MapSource format, First in chart datum *Hermannskogel*, second in *WGS84*]

3. Time Limit Lines:

3.1. Dugi Otok North:

Navigational Light Golac (3094.4)	Bearing 180°
N44 11.327 E14 50.993 (WGS84: N44 11.324 E14 50.711)	

3.2. Mulo:

Navigational Light Mulo (3286)	Bearing 45°
N43 30.864 E15 55.400 (WGS84: N43 30.867 E15 55.115)	

3.3. Gate Biševo - Vis

line between the two navigational lights:	
Rt. Kobilja (Biševo, 3444)	Bearing 240°
N42 59.200 E16 01.500 (WGS84: N42 59.206 E16 01.218)	
and	
Rt. Stupisce (Vis, 3443)	Bearing 060°
N43 00.400 E16 04.298 (WGS84: N43 00.405 E16 04.015)	

3.4. Palagruža

Navigational Light Palagruža Lighthouse (3586)	Bearing 000°
N42 23.507 E16 15.600 (WGS84: N42 23.516 E16 15.319)	



3.5. Mljet:

Rt. Gruj	Bearing 270°
N42 41.160 E17 45.180 (WGS84: N42 41.171 E17 44.889)	

3.6. Korcula:

Navigational Light Proizd, Oticic W-side 3452	Bearing 45°
N42 59.000 E16 36.700 (WGS84: N42 59.007 E16 36.414)	

3.7. Hvar:

Line between the two navigational lights Stoncica, Rt. (Vis 3432)	
N43 04.370 E16 15.582 (WGS84: N43 04.376 E16 15.298)	
and	
Galisnik, Oticic (Hvar 3406)	Bearing 55° / 235°
N43 09.900 E16 26.500 (WGS84: N43 09.906 E16 26.214)	

3.8. Mulo: (same as 2.)

Navigational Light Mulo (3286)	Bearing 45° / 225°
N43 30.864 E15 55.400 (WGS84: N43 30.867 E15 55.115)	

3.9. Prisnjak:

Navigational Light Prisnjak (3202)	Bearing 60°
N43 49.534 E15 33.796 (WGS84: N43 49.535 E15 33.512)	

3.10. Finishing line Biograd

between the navigational light Biograd NW-Mole head (3185)	
and a buoy on water	
N43 56.251 E15 26.632 (WGS84: N43 56.250 E15 26.348)	
Bearing approximately 45°	

4. Additional Time Limit Lines in case of shortening the regatta course by the race committee:

4.1 Option 1 Glavat (easterly of Lastovo)

Navigational Light Glavat (3554)	Bearing 270°
N42 45.909 E17 09.060 (WGS84: N42 45.919 E17 08.773)	
The course mark and evaluation line Mljet will be cancelled	

4.2 Option 2 Sušac

Navigational Light Sušac, Otok/Rt. Kanula (3538)	Bearing 270°
N42 45.025 E16 29.713 (WGS84: N42 45.033 E16 29.429)	
Course mark and evaluation line Mljet cancelled	

4.3 Option 3 Gate Biševo - Vis

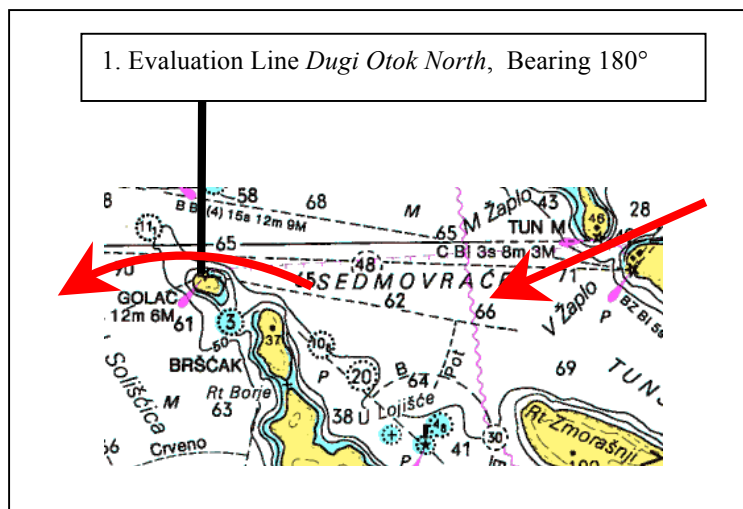
line between the two navigational lights Rt. Kobila (Biševo, 3444)	
N42 59.200 E16 01.500 (WGS84: N42 59.206 E16 01.218)	
and	
Rt. Stupisce (Vis, 3443)	Bearing 60° / 240°
N43 00.400 E16 04.298 (WGS84: N43 00.405 E16 04.015)	
Course mark Mljet cancelled, evaluation lines Mljet, Korcula, Hvar cancelled	
Evaluation line Mulo, bearing changed to 90° / 270° degrees	



5. Navigation Hints, Details of the Regatta Course

5.1 The course is between *Tun Mali* and *Tun Veli*.

The island *Golac* (north side *Dugi Otok*) must be rounded on port side.

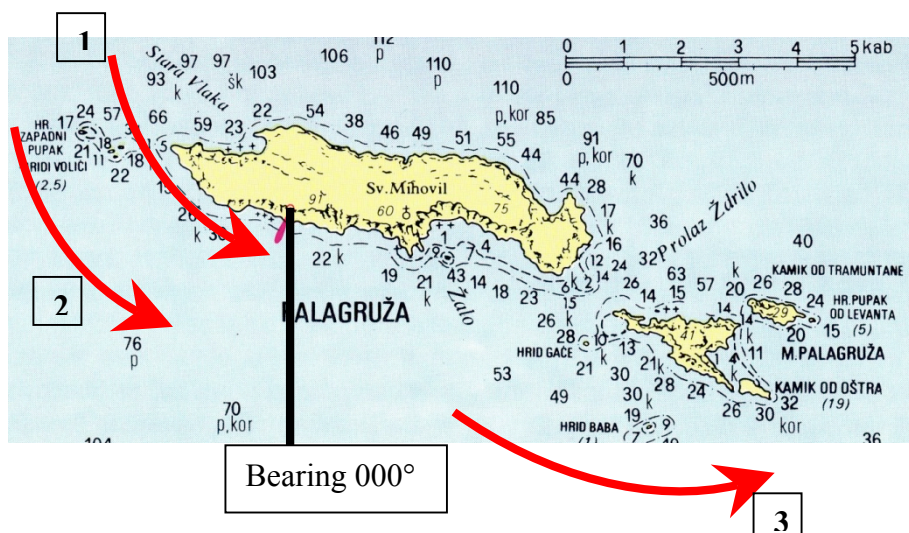


5.2 Rounding of Island Palagruža

Bei der Bahnmarke Palagruža können alle die westlich der W-Huk von Palagruža zum Inselkomplex gehörenden aus dem Wasser herausragenden Objekte und Untiefen auch an Steuerbord passiert werden. Die Hauptinsel und die Inseln SE-lich (Mali Palagruža, Hrid Baba usw.) müssen an Backbord passiert werden.

At Palagruža island you can pass between the rocks and the main island (1) or you sail to the west, leaving the rocks on port side (2).

Mali Palagruža including Hrid Baba should stay on port side (3)!



6. Shortening of the Regatta Course

6.1 Option 1:

After passing Palagruža the next mark is the navigational light on Glavat (East of Lastovo, 3554) which should stay on port side..

N42° 45.919 E017° 08.773 Bearing 270°

The course mark and time limit line Mljet will be cancelled.

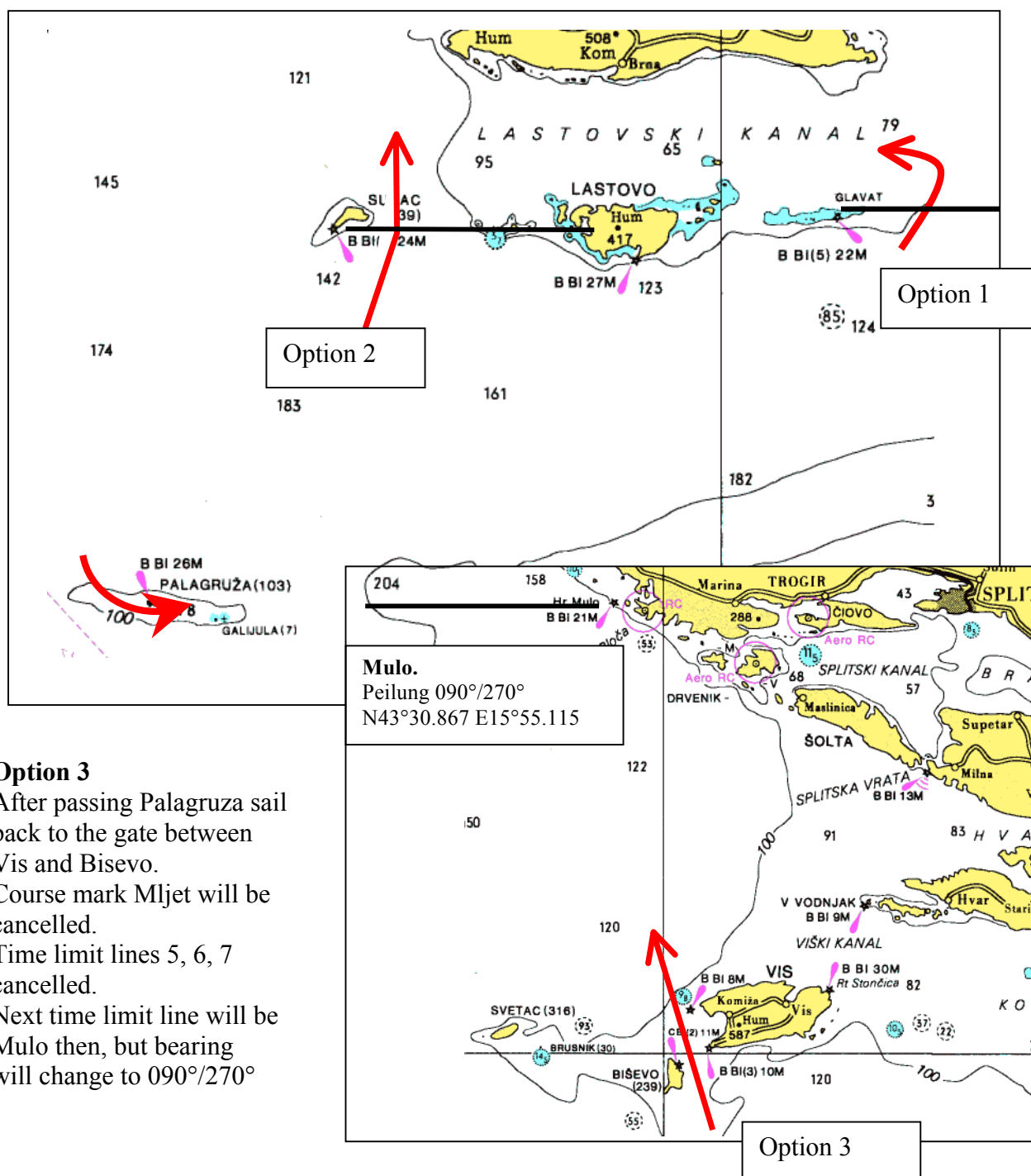
6.1 Option 2:

After passing Palagruža the next mark is the island Susac which should be passed on port side.

LF Susac / Rt. Kanula 3538

N42°45.033 E016°29.429 Bearing 270°

The course mark and time limit line Mljet will be cancelled.



6.3 Option 3

After passing Palagruža sail back to the gate between Vis and Bisevo.

Course mark Mljet will be cancelled.

Time limit lines 5, 6, 7 cancelled.

Next time limit line will be Mulo then, but bearing will change to 090°/270°