

Please note that we have now developed answer documents for this course. The detail given in the Instructor Marked Questions appearing in these answer documents is correct and supercedes any detail given in the Instructor Marked Questions appearing in the course notes.

OC00-briefing

Worked Example - Page 20

The question: "On the 18th September 1980 a yacht crossed the 180th meridian heading in a westerly direction." should be amended to read "On the 18th September 1980 a yacht crossed the 180th meridian heading in an **easterly** direction".

The first sentence of Step 1 commencing: "If the vessel is heading to the west, ..." should be amended to read "If the vessel is heading to the **east**, ...".

Corrected by the release of version 3.1.2 on 3rd March 2010.

OC01-time

At present there are no known errors in this module.

OC02-spheres

At present there are no known errors in this module.

OC03-sextant

At present there are no known errors in this module.

OC04-meralt

Question 5 (Student Marked) – Page 70

The hemisphere of the EP latitude in the first sentence: "60°03'·0N" should be changed to read "60°03'·0**S**".

This correction has been made in course materials issued after 3rd October 2009.

OC05-sun

At present there are no known errors in this module.

OC06-plotting

Page 13 (Plotting a bearing less than 180°T using a meridian of longitude)

Insert new fourth paragraph: "There is a strip of clear plastic between the line against the pencil in the illustration and the physical edge of the plotter. On the bearing in this example, the edge of the plotter will move the pencil away from the line shown creating an error of approximately 2 degrees. There are 2 ways to overcome making this error. The first is to draw a pencilled dot at the end of the plotter where the line

terminates and draw from there. A better way is to turn the plotter through 90 degrees and use the inner scale with a parallel of latitude as we do in the next example. Our advice is to try both methods and see which you prefer!"

This correction has been made in course materials issued after 1st January 2010.

OC07-sunrunsun

Question 6 (Student Marked) – Page 86

The latitude of the OP: "49°53'·6S" should be changed to read "49°56'·3S".

This correction has been made in course materials issued after 24th October 2009.

OC08-starplan

Question 2 (Student Marked) – Page 61 (Star Plan)

The first sentence of the first paragraph should be replaced to read: "**This time you can see that the LHA range (074-083°) spans more than one block in volume 1 of the Sight Reduction Tables, so we need to record both the set of stars at the opening LHA 074° and the set of stars at the closing LHA 083°.**"

The second sentence of the second paragraph "Kochab and Enif form almost a straight line on the plot and either Rasalhague and Hamal or Vega and Hamal could be chosen as the "crossbar"." should be deleted.

The third sentence of the second paragraph "We have chosen Capella and Altair as our "upright" because they are both first magnitude stars and by using Vega in the "crossbar" we have 3 out of 4 stars being first magnitude as easier to find and work with." should be changed to read: "We have chosen **Deneb** and **Sirius** as our "upright" because they are both first magnitude stars and by using **Hamal and Dubhe** in the "crossbar" we have 2 out of 4 stars being first magnitude **and as near to an 'X' shape as we can get.**"

These three corrections have been made in course materials issued after 4th November 2009.

Question 3 (Student Marked) – Page 67 (Star Plan)

The second sentence "Rasalhague and Mirfak form almost a straight line on the plot and Arcturus and Alphertaz could be chosen as the "crossbar"." should be changed to read "Rasalhague and **Kochab** form almost a straight line on the plot and **Denebola** and **Deneb** could be chosen as the "crossbar".".

The third sentence "... Kochab and Altair as our "upright" because Altair is a first magnitude star and by using Arcturus in the "crossbar" we have 2 out of 4 stars being first magnitude as easier to find and work with." should be changed to read "We have chosen **Dubhe** and **Rasalhague** as our "upright and by using **Arcturus** with **Deneb** in the "crossbar" we have 2 out of 4 stars being first magnitude **and as near to an 'X' shape as we can get.**"

These two corrections have been made in course materials issued after 4th November 2009.

OC09-stars

At present there are no known errors in this module.

OC10-polaris

At present there are no known errors in this module.

OC11-planets

At present there are no known errors in this module.

OC12-moon

At present there are no known errors in this module.

OC13-compass

Question 5 (Student Marked) – Page 115

The LMT of Sunset @ 28 30'N is 21d19h00m42s and not 21d18h43m06s as shown. Unfortunately, this error puts the increment of minutes and seconds outside the range given in the RYA (Ocean) course book and therefore students will not be able to do this question so it should be omitted.

OC14-gps

At present there are no known errors in this module.

OC15-met

At present there are no known errors in this module.

OC16-passage

At present there are no known errors in this module.