

Forth Cruising Club Bell Trophy 2012

1. Can you identify the following lights? (3 points)



a.



b.



c.

a. Inchkeith b. Tayport c. Barns Ness, Dunbar

2. Name the Admiral who is said to be responsible for providing the Scottish navy with a ship that would never sink, can you also name the “ship”? (2 points)

Archibald Douglas, appointed by King James V to be Lord High Admiral of the Scottish Fleet, who as a result of his sea-sickness whenever he put to sea and his desire to retain his position built Blackness Castle in the shape of a warship.

3. What is Buys Ballot’s Law and why is it useful to a sailor? (2 points)

Buys Ballot’s Law states that if you face the wind in the northern hemisphere, the low pressure centre will be between 90 and 135 degrees on your right, this is useful because the most turbulent winds occur at the centre of a depression and therefore it helps to know where this lies in relation to your position.

4. What’s the difference between being underway and making way? (1 point)

Underway – not at anchor or moored, making way when being propelled through the water by any means of propulsion.

5. In what circumstances would a power vessel not be required to keep out of the way of a sailing vessel?

Rule 18 A sailing vessel under way shall keep out of the way of:

- (i) a vessel not under command;*
- (ii) a vessel restricted in her ability to manoeuvre;*
- (iii) a vessel engaged in fishing;*

Rule 9 b. A sailing vessel shall not impede the passage of a vessel which can safely navigate only within a narrow channel or fairway

d. A vessel shall not cross a narrow passage or fairway if such crossing impedes the passage of a vessel which can safely navigate only within such channel or fairway. The latter vessel may use the sound signal prescribed in Rule 34(d) if in doubt as to the intention of the crossing vessel.

Rule 10 j. A sailing vessel shall not impede the safe passage of a power driven vessel following a traffic lane.

Rule 13 Overtaking a) Notwithstanding anything contained in the Rules of Part B, Sections I and II, any vessel overtaking any other shall keep out of the way of the vessel being overtaken.

6. On a night sail the following light characteristics have been noted on the passage plan, can you work out where the route goes. Start and finish (2 points)

1. Fl. R 4s4m8M
2. Q.R.49m6M
3. F.47m5M
4. Fl.G.9s
5. Fl. G.3s
6. Fl. G.6s
7. Fl. G.9s
8. Q. G.
9. Fl(2)R.6s

Port Edgar to Burntisland

7. In the shipping forecast what do the following terms mean. (4 points)

a.) Veering b.) Imminent c.) Poor d.) Now Rising

a. The changing of the wind direction clockwise, e.g. SW to W

b. Expected within six hours of time of issue

c. Visibility between 1,000 metres and 2 nautical miles

d. Pressure has been falling or steady in the preceding three hours, but at the time of observation was definitely rising.

8. Where is 'The Silver Link' and what world record did it hold? (2 points)

It was the nickname for the Kincardine Bridge and it held the world record for the longest swing bridge.

Tie Break – give a latlon for the picture below, closest wins.



56°01'.810N 003°28'.723W

Picture 1a. © Copyright Ronnie Leask and licensed for reuse under the Creative Commons Licence.

Picture 1c. © Copyright J Sutcliffe and licensed for reuse under the Creative Commons Licence