

MICS Lab 03 Completion

Follow the directions given in the [tutorial document](#) and answer the following questions below.

* Indicates required question

1. Email *

2. Were you able to fill then empty one ballast tank? *

5 points

Mark only one oval.

☐ Yes

☐ No

3. At what height did the ballast tank high alarm come on? *

5 points

4. How much faster were you able to fill the ballast tank using two pumps instead of just one? *

5 points

5. How far were you able to get the ship to heel over? What did you do to do so? *

5 points

6. Do you think it would be possible to induce an oscillation by moving water back and forth between the ballast tanks? * 2 points

Mark only one oval.

☐ Yes

☐ No

7. Is it possible to move ballast water from port tanks to starboard tanks directly? * 2 points

Mark only one oval.

☐ Yes

☐ No

8. Were you able to restore Fire Main pressure using the Emergency Pump ? * 5 points

Mark only one oval.

☐ Yes

☐ No

9. Were you able to pump fuel out of the Sludge Tank? * 5 points

Mark only one oval.

☐ Yes

☐ No

10. Were you able to get the Oil Separator to work in the MANUAL mode ? * 5 points

Mark only one oval.

☐ Yes

☐ No

11. Describe what happened when the SW cooling system was disabled. * 5 points

12. Describe what happened when the FW cooling system was disabled. * 6 points

13. Please provide any feedback or overall thoughts about the lab here.

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