

Marine Science
For Australian Students

Marine Radio Worksheets



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SAMPLE PAGE

WORKSHEET 1 PRINCIPLES OF TRANSMISSION

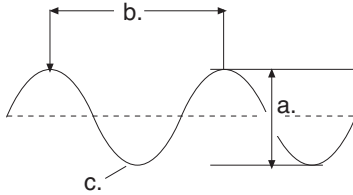
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Answer the following questions

1. Describe the principles of radio transmission as discovered by Hertz in 1888.

2. What is a carrier wave?

3. Write the names of the parts of a radio wave identified a – c in the diagram of the radio wave below



- a. _____
- b. _____
- c. _____

4. Define the following terms:

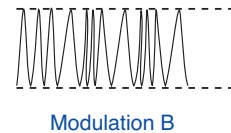
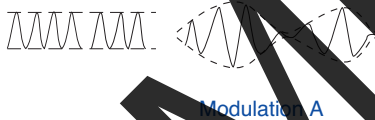
a. modulation

b. skip

c. radiotelephony

5. Outline the 'theory of propagation'.

6. Name the type of modulation shown below.



7. Explain why 'sky waves' travel further than 'ground waves'.

8. How might 'skip' be a problem when using a marine radio?
