

**DIRECTORATE SENIOR CURRICULUM MANAGEMENT (SEN-FET)**

**HOME SCHOOLING SELF-STUDY WORKSHEET**

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| **SUBJECT** | Nautical Science | **GRADE** | 12 | **DATE** | 20/4/20 |
| **TOPIC** | SEAMANSHIP | **TERM 1**  **REVISION** | X | **TERM 2 CONTENT** | X |
| **TIME ALLOCATION** | 40min | **TIPS TO KEEP HEALTHY**  1. **WASH YOUR HANDS** thoroughly with soap and water for at least 20 seconds. Alternatively, use hand sanitizer with an alcohol content of at least 60%.  2. **PRACTICE SOCIAL DISTANCING** – keep a distance of 1m away from other people.  3. **PRACTISE GOOD RESPIRATORY HYGIENE**: cough or sneeze into your elbow or tissue and dispose of the tissue immediately after use.  4. **TRY NOT TO TOUCH YOUR FACE.** The virus can be transferred from your hands to your nose, mouth and eyes. It can then enter your body and make you sick.  5. **STAY AT HOME.** | | | |
| **INSTRUCTIONS** | This worksheet is to be completed in your MRTE exercise/activity book. |

**SECTION A SEAMANSHIP**

**QUESTION 1**

The following vessels, making way, are in clear weather and in close proximity to each other (so as to involve possible risk of collision):

• A tug and tow heading north;

• A tanker overtaking the tug and tow (heading north);

• A trawler (engaged in trawling) crossing heading east.

1.1 What is the responsibility of each of the vessels so as to comply with the International Regulations for Preventing Collisions at Sea 1972 (as amended)? (10)

1.2 What should each of the vessels mentioned in the question above sound in fog (restricted visibility)? (3 × 2 = 6)

1.3 Draw the lights displayed by a laden tanker underway in a restricted sea area viewed from …

1.3.1 ahead (3)

1.3.2 astern (3)

(The tanker is displaying its additional lights for a vessel constrained by its draught).

1.4 What are the four manoeuvring signals of a power driven vessel in clear visibility? Define the meaning of each signal. (8)

[30]