

### THIRD CLASS CHARTWORK

#### TASK CW 1      THE CHART

Teach and practise:

- a. The need for a Chart.
- b. Land – Shoreline - Sea.
- c. Latitude scale.
- d. Latitude scale.
- e. Distance – nautical mile / land mile.
- f. Distance scale – i.e. Latitude.

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Signature	Appointment

#### TASK CW 2      COMPASSES

Teach and practise.

- a. Need for a Compass.
- b. Magnetic Compass – Magnetic North.
- c. Gyro Compass – True North.
- d. Compass card – Cardinal and Inter cardinal points.
- e. Compass Card - 360° markings.
- f. Relative Bearings to ship.
- g. Relative Degree bearings.
- h. Compass Bearings

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### **TASK CW 3      CHARTWORK**

#### **Teach and practise:**

- a. Chartwork equipment
- b. Common markings (Chart 5011).  
Title – Scale – Depths – Chart Datum – Rocks – Bottom – Wrecks -  
Buoys
- c. Compass Rose.
- d. Plot position – latitude & longitude.
- e. Lay off a true course.
- f. Measure distance.
- g. Dead Reckoning.

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### **TASK CW 4      TIDES**

#### **Teach and practise:**

- a. Causes of Tides (in outline).
- b. Flood and Ebb.
- c. Slack and Stand.
- d. Tidal Stream
- e. Estimate tidal strength & direction, use of buoys.
- f. Introduction to Tide Tables.

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**TASK CW 5      BUOYS**

**Teach and practise:**

- a. Lateral Marks and Top Mark.
- b. Cardinal Marks and Top Mark.
- c. Safe Water Marks and Top Mark.
- d. Isolated Marks and Top Mark.
- e. Special Marks and Top Mark.
- f. Mooring Buoys.

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**TASK CW 6      SAFETY AND DISTRESS AT SEA**

**Teach and practise:**

- a. Need for Passage Plan.
- b. Need to inform persons of your intention.
- c. Beaufort Wind Scale.
- d. Distress Signals.

**THIRD CLASS ASSESSMENT**

**THIRD CLASS CHARTWORK TASKS COMPLETED**

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