Food and Agriculture Organization of the United Nations

Indian Ocean Tuna Commission
Commission des Thons de l'Ocean Indien
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COLLECTIVE EXERCISE

Objective

- Provide trainees with a practical knowledge on how to collect and record parameters of meteorology and oceanography, including wind, sea and current direction and speed / strength and sea height.

Category: Meteorology and Oceanography

IOTC ROS SFO TR7

CapMarine
Capricorn Marine Environmental

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Beaufort Wind Scale Exercise

- Open IOTC Observer Training Manual in page 172 (Beaufort Wind Scale), allocate a value of the Beaufort force to the images below.

Beaufort Force: _____

Wind Speed: _____

Beaufort Force: _____

Wind Speed: _____

Beaufort Force: _____

Wind Speed: _____

Beaufort Force: _____

Wind Speed: _____

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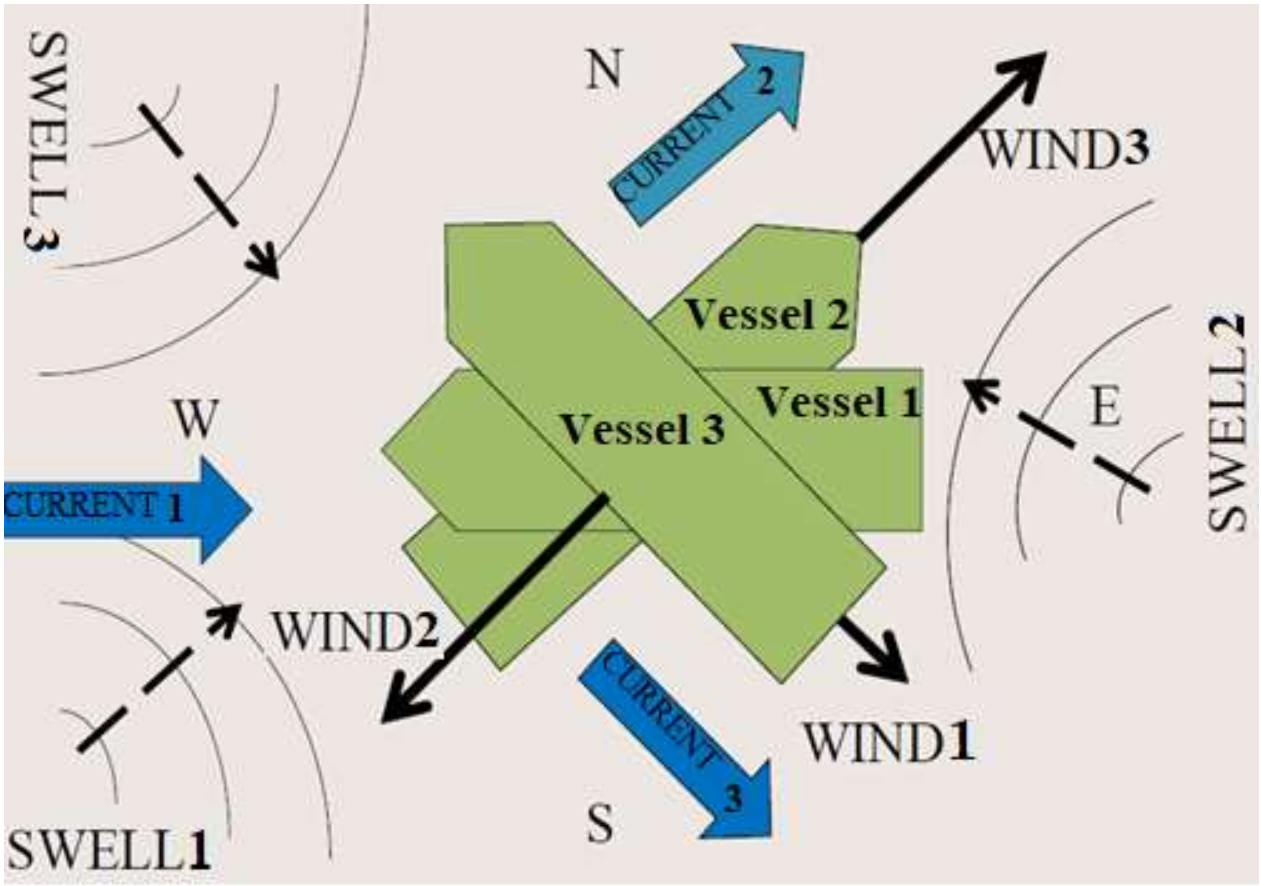
Wind, Swell and Current Exercise

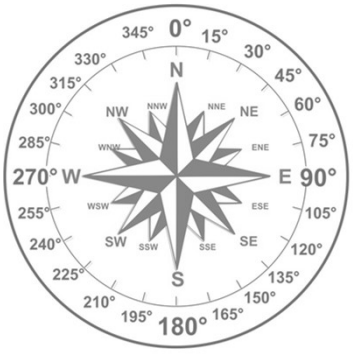
Refer to the figure below and record, in degrees the direction of the:



Wind 1:_____; Current 1:_____; Swell 1:_____; Vessel 1:_____

Wind 2:_____; Current 2:_____; Swell 2:_____; Vessel 2:_____

Wind 3:_____; Current 3:_____; Swell 3:_____; Vessel 3:_____



REMEMBER:

- **Wind direction:** the direction from which the wind is blowing.
- **Swell direction:** the direction from which the swell is coming.
- **Current direction:** the direction where the current is flowing towards.