



# ENGINEERING CHALLENGE CUP 2020

## VHF MayDay Protocol Quick Reference

### **A. Making a Distress Call.**

MUST only be issued in the event of **Grave and Imminent danger** to the vessel or person(s) onboard that vessel. Sections *{Italicised in braces}* need to be replaced with the information relevant to the particular distress situation.

#### **If your Radio is DSC equipped –**

*[Insert instructions from **YOUR** radio instruction manual **HERE**. No more than two points!]*

1. Lift the red flap and ....
2. something happens to confirm the distress message has been sent..

#### **For all Radios, including DSC -**

1. Select VHF Channel 16
2. Make the following call -

**Mayday, Mayday, Mayday**

**This is**

*[Insert name of your vessel, repeat three times with call sign] eg.*

**Vestas Wind Victor Kilo Victor 3 4 5, Vestas Wind Victor Kilo Victor 3 4 5, Vestas Wind Victor Kilo Victor 3 4 5**

**Mayday Vestas Wind Victor Kilo Victor 3 4 5,**

**Position** *{give position in latitude and longitude}*

**We are** *{give nature of the grave and imminent danger}*

**There are** *{???* **persons onboard,** *[replace following with description of **YOUR** vessel]* **Masthead sloop, White topside, black underside, sail number F67.**

**Over.**

3. Wait for a response. If no response is heard within a short period, repeat the call.
4. If no response is received after several attempts on VHF 16. Try the Local repeater channel.



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## **B. Receiving a distress call.**

All Mayday related radio traffic should start with the word **Mayday**.

If receive a Mayday, record all details and refer to the flow chart to determine your next action.

### **Acknowledge Mayday**

1. Select VHF Channel 16.
2. Make the following call -

**Mayday**

*{repeat name of vessel in distress three times}*

**This is**

*[Insert name of your vessel, repeat three times with call sign] eg.*

**Escapade Victor Kilo Victor 6 7 9 4, Escapade Victor Kilo Victor 6 7 9 4,  
Escapade Victor Kilo Victor 6 7 9 4**

**Received Mayday**

**Over**

3. Issue Mayday relay.
4. Remain on VHF 16 and continue conversations as the situation dictates.

### **Mayday relay.**

1. Select VHF Channel 16
2. Make the following call -

**Mayday relay, Mayday relay, Mayday relay**

**This is**

*[Insert name of your vessel, repeat three times with call sign] eg.*

**Escapade Victor Kilo Victor 6 7 9 4, Escapade Victor Kilo Victor 6 7 9 4,  
Escapade Victor Kilo Victor 6 7 9 4**

**Mayday** *{insert name of distressed vessel}*

*{repeat position, nature of distress and any other information provided in the original distress message}*

3. If no response is received, repeat step 2.
4. If a DSC distress alert was received, issue a VHF DSC distress relay alert.  
*[insert distress relay alert instructions for your VHF radio here. Keep it very brief]*