



ENGINEERING CHALLENGE CUP 2022

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]