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## Introducing DigiMar Chatbots

Welcome to DigiMar chatbots!

DigiMar chatbots are designed to help users develop routine maritime communication skills and competencies.

To effectively communicate with DigiMar chatbots, knowledge of routine maritime communication rules and recommendations is essential.

Therefore, if you are a beginner or need a refresher, we recommend starting with the DigiMar basic and advanced instructional videos available at the DigiMar website.

These chatbots are designed for:

- VTS operators and their trainers,
- students at maritime education and training institutions and their teachers, and
- anyone interested in maritime communication.

There are 45 chatbot scenarios available. They are based on authentic exchanges between vessels and VTS operators and are applicable to a variety of geographical contexts.

The chatbots do not need to be used in sequence, as each presents a self-contained scenario. However, they progress from simpler to more complex scenarios, so using them in sequence is particularly recommended for less experienced users.

Scenarios 1–33 focus on the activities that VTS operators are required to perform in accordance with Resolution A.1158(32) of the International Maritime Organization published in 2021.

Scenarios 34–45, however, address activities that VTS operators may perform only in certain geographical areas, on a less frequent basis, or in critical situations.

In the chatbots, you will always assume the role of the VTS operator and will need to communicate with one or more vessels.

Please read the instructions carefully before each turn and the vessel's responses to understand what you need to do. Only then will you be able to complete the tasks successfully.

Therefore, the first step is to select the scenario you want to engage with by clicking on it.

### 1 Providing and reading back coordinates of the anchoring position

You can use the chatbot by typing appropriate responses or by recording your speech and then correcting the entry in writing if needed. To record your speech, ensure the microphone function on your device is enabled.



You are Europe VTS. Call Motor Vessel Sunrise.

Once the microphone is enabled, click the “Record” button when you want to start recording your voice (the button is coloured red). When you release the “Record” button, recording will stop (the button is coloured green again).

You may press and release the Record button as many times as is necessary to complete your entry with an appropriate response to the chatbot’s instructions.

Computer use is recommended for interacting with the chatbot in speech.

For better performance, also the use of headphones is recommended.

Alternatively, you can interact with the chatbot in writing using any device by typing an appropriate response in the box. When you are sure your response is correct, click the “Submit” button.

Use the Clear button to delete the text in the box.

Enter your response here...

Record Clear Submit

Go back to exercises



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You are Europe VTS. Call Motor Vessel Sunrise.

The responses are not case-sensitive, meaning that both lowercase (e.g., sunrise) and uppercase letters (e.g., SUNRISE) can be used without affecting the correctness of the response.

motor vessel sunrise, this is europe vts

Record Clear Submit

Go back to exercises





You are Europe VTS. Call Motor Vessel Sunrise.

motor vessel sunrise, this is europe vts. over.

Europe VTS, this is Motor Vessel Sunrise. Over.

Inform Motor Vessel Sunrise to anchor in anchoring position B3. Use a message marker.

If your response is correct, the vessel will reply with blue background text, and the chatbot will provide instructions for the next turn in grey background text.



[Record](#) [Clear](#) [Submit](#)

[Go back to exercises](#)



You are Europe VTS. Call Motor Vessel Sunrise.

motor vessel sunrise, this is europe vts. over.

Europe VTS, this is Motor Vessel Sunrise. Over.

Inform Motor Vessel Sunrise to anchor in anchoring position B3. Use a message marker.

anchor in position b3

Please try again.

Enter your response here...

Record Clear Submit

Go back to exercises

If you make mistakes or fail to follow routine maritime communication standards, the chatbot will provide feedback to help you improve and continue.

The following will happen:

- the first time the user makes a mistake, the chatbot will say: "Please try again."





Europe VTS, this is Motor Vessel Sunrise. Over.

Inform Motor Vessel Sunrise to anchor in anchoring position B3. Use a message marker.

anchor in position b3

Please try again.

anchor in position b3

Please say again. Try using:  
information

Enter your response here...

Record

Clear

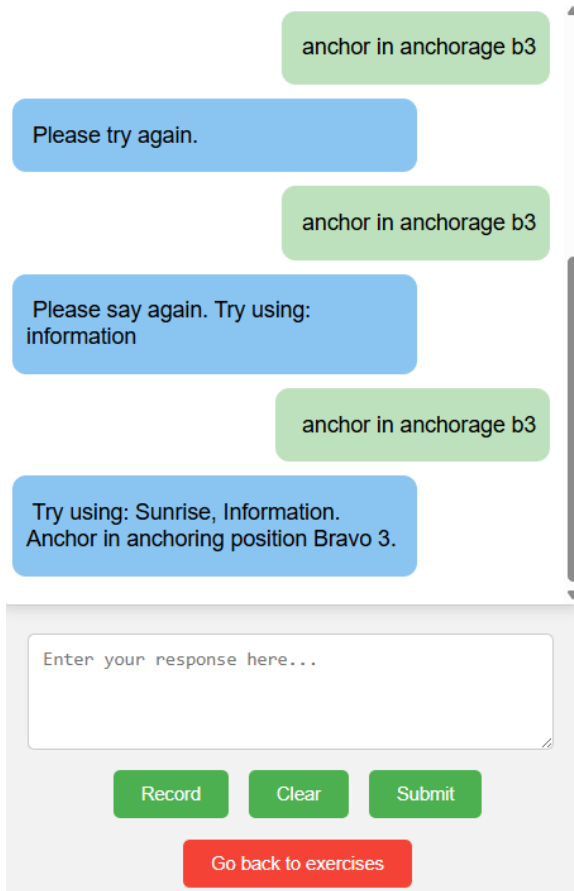
Submit

Go back to exercises

The following will happen:

- the second time the user makes a mistake, the chatbot will give you a hint on a word or expression to use, in this case the message marker "Information".





The following will happen:

- the third time the user makes a mistake, a suitable response will be given, which you then need to record or type into the text box to proceed.





may

You used negative keywords: may.  
Please avoid using these words.



Chatbots also recognize "negative keywords" — words that can create ambiguity or lead to unclear communication and should therefore be avoided.

If you use a negative keyword, the chatbot will respond with: "You used negative keywords: ..." followed by a prompt to avoid those words.

The following words are defined as negative keywords:

may, might, could, should, shouldn't, have to, won't, don't, doesn't, isn't, okay, thank you, roger, copy, copied, copy that, maybe, roger that, madam, sir, need, over and out, hello, mistake, sorry, apologise, apologize, cannot.

Enter your response here...

Record Clear Submit

Go back to exercises





Europe VTS, this is Motor Vessel Sunrise. Over.

Inform Motor Vessel Sunrise to anchor in anchoring position B3. Use a message marker.

anchor in position b3

Please try again.

anchor in position b3

Please say again. Try using:  
information

Enter your response here...

Record

Clear

Submit

Go back to exercises

You can always go back to the main page by clicking "Go back to exercises".





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The screenshot shows a chatbot interface. At the top, a light blue message bubble contains the text "You have successfully finished this exercise!". Below this is a text input field with the placeholder "Enter your response here...". At the bottom of the chat area is a red button with the text "Go back to exercises".

When an exercise is successfully finished, the following will appear:

"You have successfully finished this exercise!"

To choose another scenario, you can go back to the main page by clicking "Go back to exercises".

If you have questions or comments, please contact us via email ([digimar.eu@yahoo.com](mailto:digimar.eu@yahoo.com)), or leave a message on the DigiMar Facebook or LinkedIn pages.

Please proceed to the chatbots now. Thank you for choosing DigiMar!