

Changelog - Poseidon Pharos GMDSS Simulator 7.8

[Official Pharos 7.8 Release: Build 7.8.3.100]

Windows 10 compatible [gb-1846]



Poseidon Pharos GMDSS Simulator ver. 7.8 can operate on all newer Windows versions, including 7, 8, 8.1 and also Windows 10.

Windows 10 might be a bit more difficult than earlier versions when it comes to Pharos and sound cards. Just be sure to disable your sound cards that aren't in use, and also any default audio enhancements. See the installation manual for more details.

If you wish to run Pharos on Linux, this is also still possible with our own operating system PharosLinux. Get in touch for more details.

Sailor 6222 VHF DSC [gb-986]

In this version of the simulator we have added the Sailor 6222 VHF DSC.

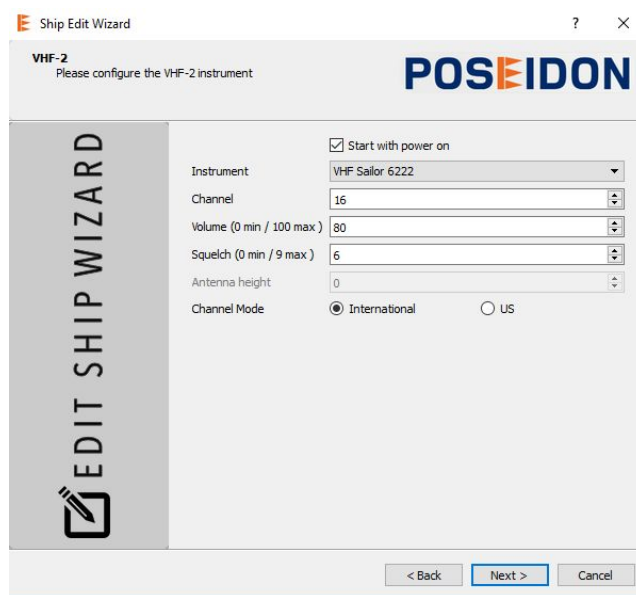
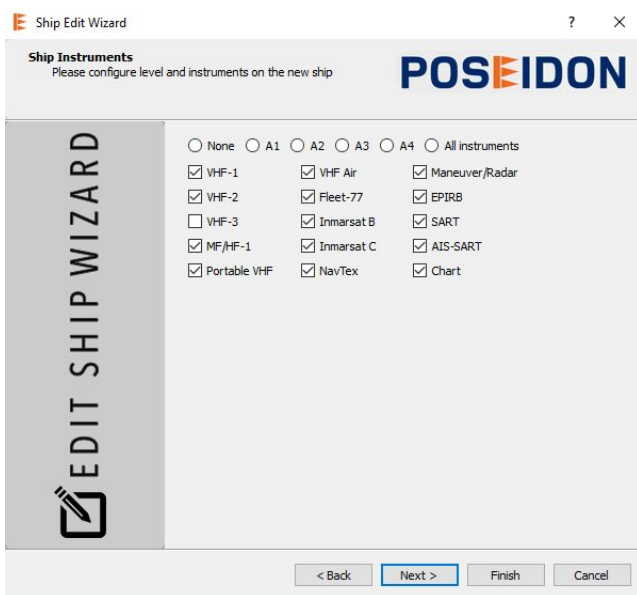


By default, both Sailor's previous model RT5022 and the 6222 will be available for all ships/students for any new installations of Pharos 7.8 (as VHF-1 and VHF-2, respectively). This will also be the case for upgrades where no modifications have been done to existing ships. If you want to keep this setup, the two VHF's operates as two independent transmitters/receivers, as you often have on a ship bridge. During an exercise you can always unassign (release) one of the VHF's from one or multiple student stations.

Important: The 6222 will NOT be automatically enabled for simulators where any changes are done to the existing ship database (whether a minor change or a total recreation of all ships). Nor will it be available in existing exercises or assessment sessions/exams.

To enable the 6222, if not done automatically, or to change the general setup of VHF's at your simulator, this can be performed via the Edit Ship Wizard, available from the "Insert Ships" dialog. Choose a ship and press the Edit button.

Press "Next >" two times and you can set the instruments you want to have for this ship and the number of VHF's.



Then press "Next >" two times again and you can choose which type of VHF you will have as VHF-1 and then "Next >" again to define VHF-2, if wanted

If you choose to keep the default configuration with both RT5022 and 6222 you will have two Mini Instruments on the top of your screen showing the status of each instrument.

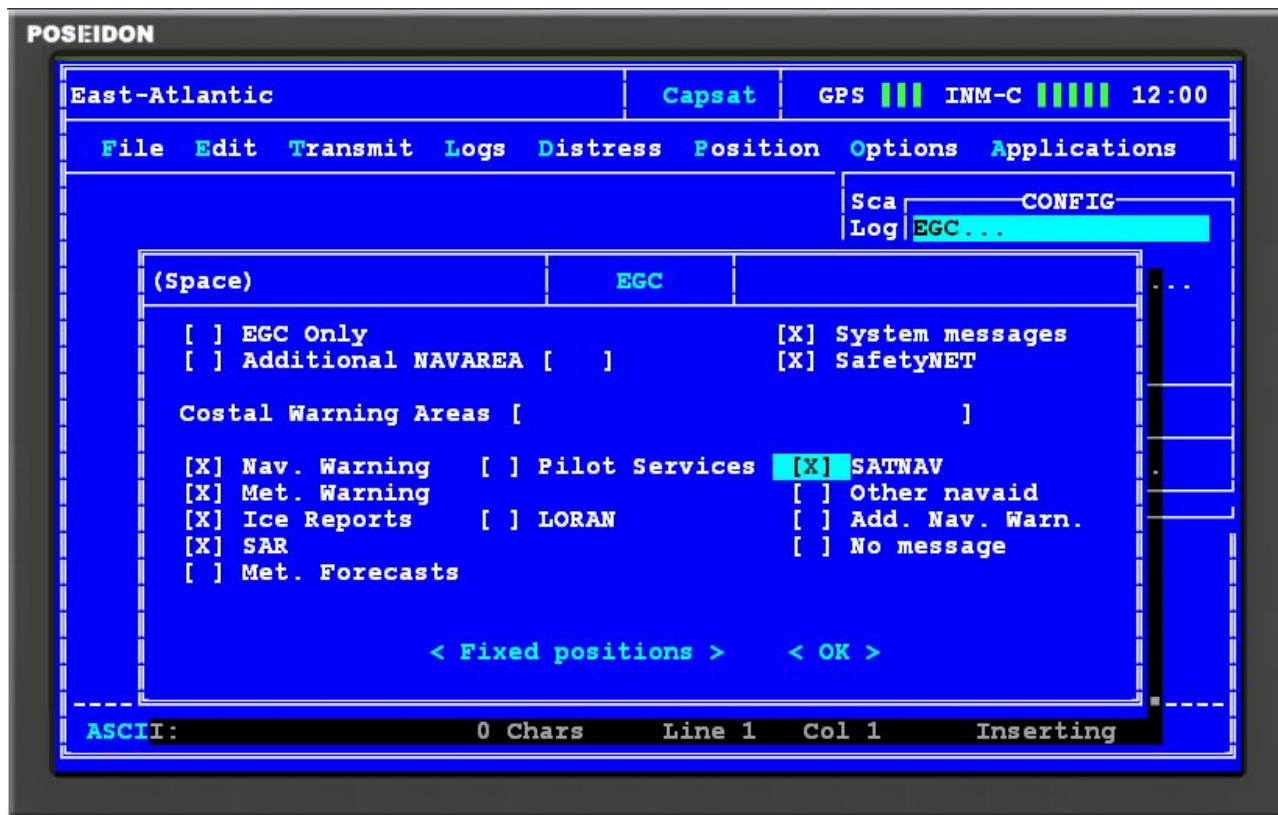
By the layout of the Mini Instruments you can always tell which is which. Read more about the Mini Instruments in the Student Station Application Guide.



ECG Message Configuration - Message types [gb-1833]

Using Sat-C, it is now possible to filter incoming EGC messages through Option -> Configuration menu. Only EGC messages of the selected types will be received.

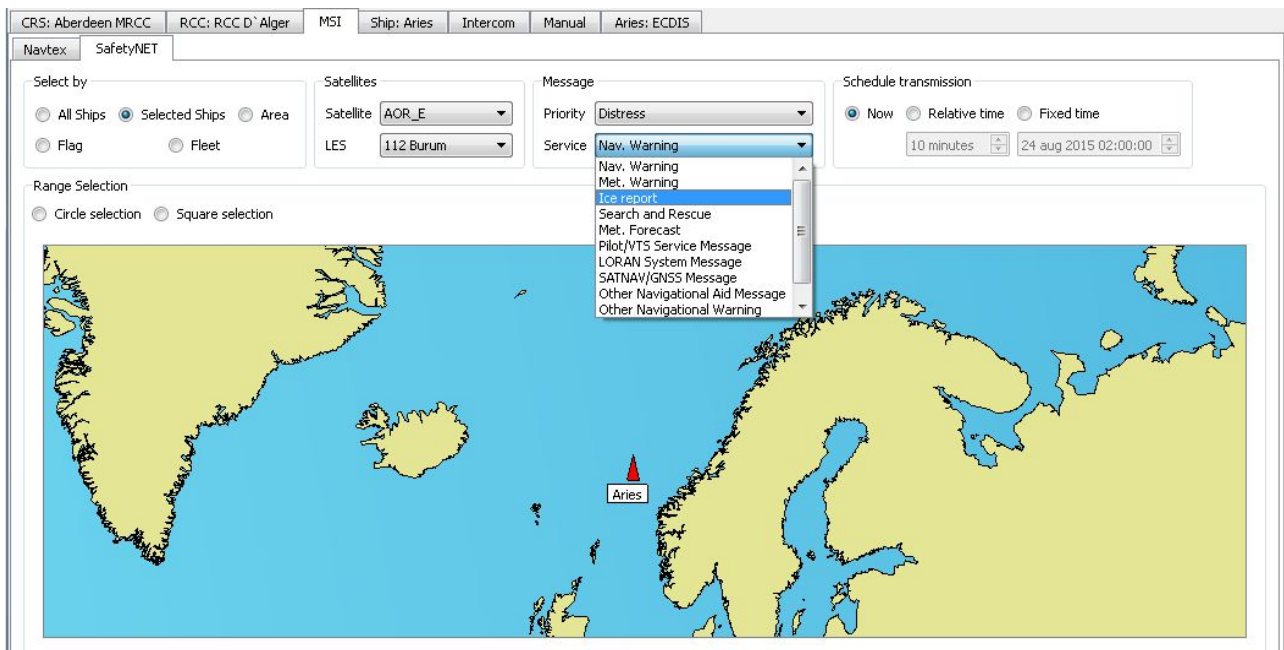
Note: simulation of "EGC Only" works with regards to only receiving EGC messages, but the instrument does not simulate Capsat logout/login procedures. When EGC Only is selected, this is shown in the top left of the screen, and no further actions are required.



SafetyNET - Message Types [gb-1833]

Related to EGC Message Configuration, the instructor is now able to select Priority and Subject Indicator when sending a SafetyNET message (under MSI tab). Subject Indicator is represented as a "Service" drop-down menu, matching the configurable message types in the Sat-C instrument.

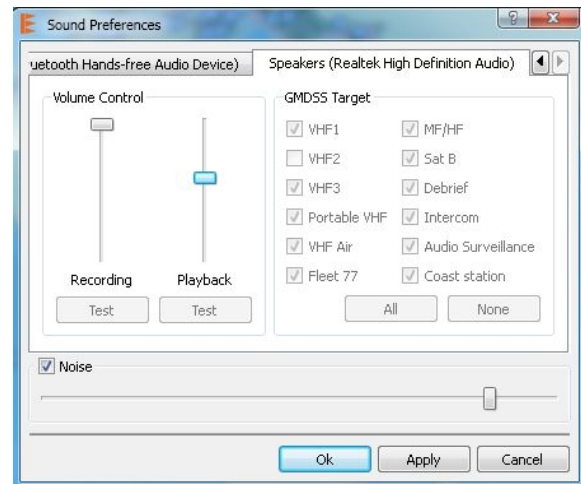
Several other improvements have also been made, including enhancements of how ships are selected and far more detailed feedback to the user when sending messages.



Static Noise and Sound Settings [gb-921]

It is now possible for the instructor to add/remove static noise and adjust the noise level while in an exercise. The noise level will immediately affect any connected students, focusing their radio equipment (with a squelch level below 3).

Both students and instructors can also adjust the speaker and microphone volume levels easily. The setting is easily accessible for the instructor in the left part of the top toolbar, and is a bit simplified compared to the sound settings when not in exercise.



Note that as students have no toolbar/menu, and usually shouldn't have access to the sound levels after the simulator is set up, speaker/microphone volume configuration is only accessible through shortcut Shift+Alt+S.



Enhancements

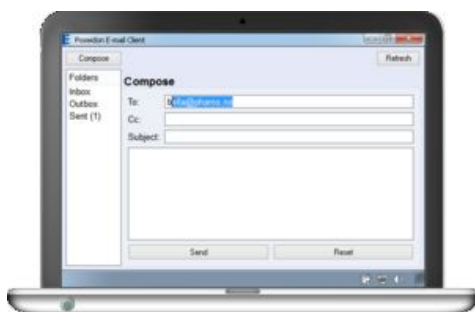
New Pharos Icons! [gb-1682]



We figured it was time to renew the Pharos application icons for Windows. The new icons have higher resolution and should clearly illustrate the different applications.

Let us know what you think.

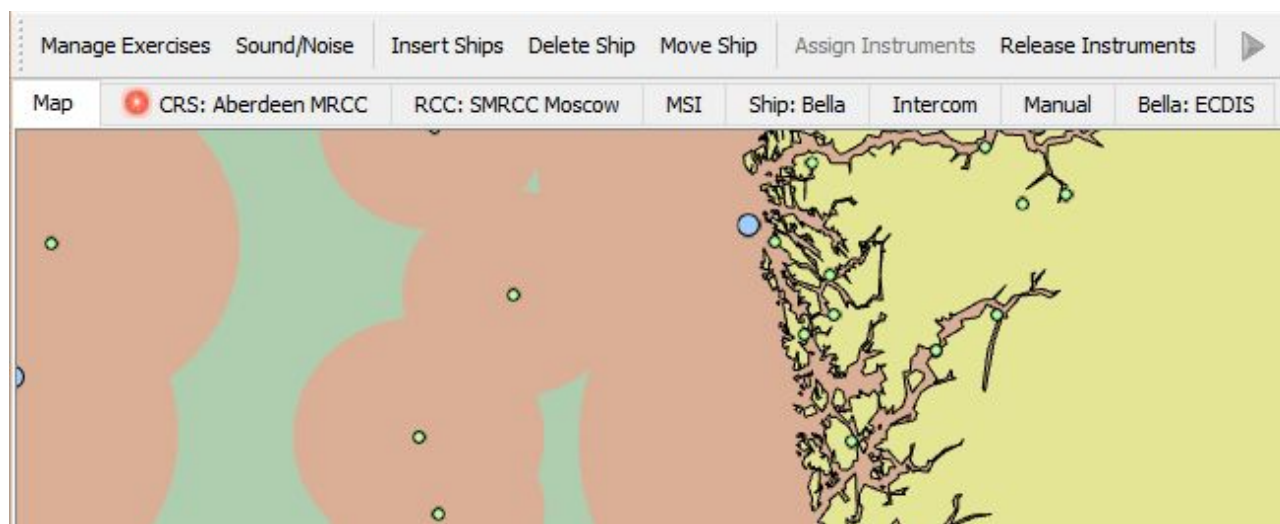
Fleet77 email - Improved address list and reply functionality [gb-1424]



For easier sending and replying to emails in the Fleet 77 system we have added a lookup functionality for the ships participating in the training session. Start writing the ship name in the To: field and the address will auto-complete.

It is now also possible to reply and forward emails you have received.

Instructor tabs - Activity notification on CRS and RCC tabs [gb-1807]



When there is activity as i.e. incoming message or PTT click there will be a red light on the tab, drawing the instructor's attention to the tab where activity is going on.



Multiple Exercises - Info about stations assigned to other exercises ^[gb-1828]

Equipment Query

All Ships A1 A2 A3 A4 All Instruments

VHF1 Inmarsat B SART

VHF2 Inmarsat C MF-HF (with telex)

VHF3 Navtex Radar

EPIRB Portable VHF VHF Air

Inmarsat Fleet 77 AIS-SART

Pilot Card

Insert Position: N 43 20 438 E 14 45 744

Insert pattern: VHF Range

Assign mode: Matching

Available Ships

	Name	CallSign	VHF-1	VHF-2	VHF-3	MF/HF-1	PVHF	VHF-AIR	FLEET-77	SAT-B	SAT-C	NA ^
1	Aries	LIBS4	v	v		v	v	v	v	v	v	
2	Bella	LBTX1	v	v		v	v	v	v	v	v	
3	Cora	LLCZ8	v	v		v	v	v	v	v	v	
4	Dula	LEJS1	v	v		v	v	v	v	v	v	

Note: A tooltip for Bella says: "Already added in: [Training in North Sea (Assigned to [Sigve])]"

When you create a new exercise while you have another exercise session running you will now get pop-up information that tells you which exercises ships are participating in.

Instructor chart - Move ship functionality changed (Move Mode) ^[gb-1836]

Move Ship Assign Instruments Release Instruments

SI Ship: Bella Intercom Manual

Move Mode Assign Instruments Release Instruments

SI Ship: Bella Intercom Manual

The charts show ship icons (Aries and Bella) on a map. In the left screenshot, Aries is labeled 'Aries [Sigve]' and Bella is labeled 'Bella'. In the right screenshot, Aries is labeled 'Aries [Sigve]' and Bella is labeled 'Bella'.

When you want to move one or several of the ships in the exercise area you click Move Ship. The menu button changes to Move Mode and is highlighted in blue. You can now move the ships that you want by click, hold and drag them to the wanted position. When you are satisfied with the positions you click the Move Mode button and you leave the Move Mode.

Note that if you click in the chart before leaving the Move Mode, the last chosen ship will move to this position.



Inmarsat B - General improvements + 580 prefix [gb-1944]

For the first time in a while, there has been some improvements to the Sat-B instrument in Pharos.

- 580 is now accepted as a valid Telex prefix (581-584 will also still work)
- On invalid or erroneous input, simulator will give feedback rather than failing silently
- It is no longer possible to delete text added by system/in telex session
- General stability improvements

Assessment Module - Assessment Editor more user friendly [gb-1746]

- Now only showing instruments where objective templates are available
- Instruments and templates are now alphabetically sorted
- Improved selection of templates (next/prev now also selects correctly)
- The latest text entered are always kept if selecting "no template"
- One new objective is always added automatically for new exams

Assessment Module - distribution of unique test/exams [gb-1866]

From a set of exams/test the system will now distribute unique exams/test to all participants. If the test/exam set contains fewer test/exams than participants the system will distribute as many different exams/test as possible.

Printing - Added station name [gb-1790]

Previously it could be difficult to determine which station that had sent a print to the central networked printer. The print will now contain the station name.

Debriefing - Debrief data folder/location configurable [gb-1792]

It is now possible to set the location of your stored debriefing data.



General Improvements and Bugfixes

Pharos 7.8 comes with a large number of additional improvements and fixes, including

- Much improved overview of ship assignments to multiple stations, and better illustrated difference between instructor and student assignments [\[gb-1834\]](#)
- Fix of reported issue where measure circle and measure line tools was seen to crash the instructor station [\[gb-979\]](#)
- Improved debrief stability and solved some issues when loading debriefing sessions [\[gb-1285\]](#)
- Sat-C receive log ref.no is now used for sender MMSI, which can be very useful for the instructor to quickly see which students that have sent messages. [\[gb-1929\]](#)
- Instructor's overview of connected clients now show whether instructors and students are in an exercise or not. [\[gb-1834\]](#)
- Exercise descriptions now supports multiple lines [\[gb-1825\]](#)
- Fix of issue where exercise date were set to 1 month after creation [\[gb-1877\]](#)
- + many many more

