HWreadmeE.pdf – Maritime Radio Simulation Program – MARSIP „H o e r w a c h e"

Brief reference for maritime radio simulation programm 'https://www.hoerwache.de ', a detailed description is within HW as well. You must be connected to the Internet, an installation of HW on your pc is not necessary, your browser must only be html5 ready! („ https://html5test.com" checks whether or not). Use Chrome, Edge or Firefox for best results – Internet Explorer does not work! On windows computers.

Connect	:	https://www.hoerwache.de - no registration, no password, nothing (APR21)
Home	:	hoerwache startup page displays, check menue entries at top
Menue	:	Home - Chatbox - **Funkstation -** Dokumentation - etc
Funkstation:		Drop down Menue – select **Work as Ship-Station**
Formular	:	Enter ship data you want to use: Entries are independent except call sign! To step through formular entries use tab key; Carriage return key (CR) terminates entries!; Alternatively use mouse to step through formular as well.
Callsign	:	Select whatever you want, but must be singular during HW session ! It is used for coordination in HW. Enter speed and route you want to follow as HW will travel along this route. When all entries well done, select next or alter entries or proceede to the rig.
Funkstation:		You enter the wireless station. Sea chart first pops up amd shows your area, zoom in/out, pan left / right etc to manipulate the apprearance of the chart.
Mouse :		HW is controlled by using the mouse (left/right button and scroll wheel) for pointing to buttons to toggel items on/off , scroll wheel to increasing/decreasing values, while mouse poins to button or knops (af volume, rf tuning etc)
Status:		Display status of HW, must show *server connected* und *ready.* Control panel shows data on your entry: ship – operator name etc, panels are near to the radio clock!
On watch:		Change dispaly to „**chat modus**" by clicking button **chat** which is placed at the left side above the Sea Chart. Two new windows appear, the **chat mode text area** and the **transmit tex**t window.
Receiver:		In RX field toggel **on/off** button. In on position, button ist lit and one should hear an af signal if volume is suitable regulated. Point to volume and turn mouse wheel for +/-. Check the volume of your PC sound system if volume is on and regulated well!
Volume		
Frequency		HW's rx is a „allband" marine radio device with mf and hf bands according to ITU rules. On power on it is set to 500 kHz mf. There are 7 station keys you can set and recall for use! (Tune rx to frequency and press **strg and button 1 ..7** to store it). Actual frequency in use is shown digital at the top.
Tune		There are 3 methods of tuning in mf /hf: 1) by turning the tune whell 2) by click in the wide screen on top of HW 3) by altering the digits in display and +/- every singel digit! But keep in mind the bands you switched on : MF or HF 4 – 6 – 8 ... 22 MHZ
WX MF/HF		Real wx bulletins are transmitted by HW from wx - servern, look Hoerplan Timetable elsewhere on the documentation of HW.
MF WX		If you travel Northsea Area a lot of wx bulletins are sent and announced on 500 kHz and broadcast on working frequencies of the coast station.
HF WX		On *Hoerwache - Timetable* are wx bulletin listed, to be broadcast on frequencies of that coaststation example: VCS Icebulletin !
Transmitter:		HW's tx itselfe works **only on medium wave** (410 .. 512 kHz). Mouse click on button turns tx on/off etc . By default tx is set to chat mode.
Chat mode	:	Place mouse pointer to chat window and enter your text. This area works like a writing programm, copy – paste text from elsewhere, when ready push button go. If no sidetone is heared transmission might be muted, push button mute for on/off..
Audio mode:		Most advantage of HW is its ability to decode audio input to the sound card of your pc. Apply audio signals in Morsecode keying, make some adjustments to the tx and train HW to read and decoee your inputs. It works as in real life !

HW is the ultimate programm for former maritime radio service, but you dont need a real rig and antennas. Join the former scenery, get in contact with others, launch regualr meetings with friends for roundups etc etc

HWreadmeE.pdf 2.0/MAY2021- jg