

NewLogOSH -V1.0.55.0

Professional software for radio amateurs

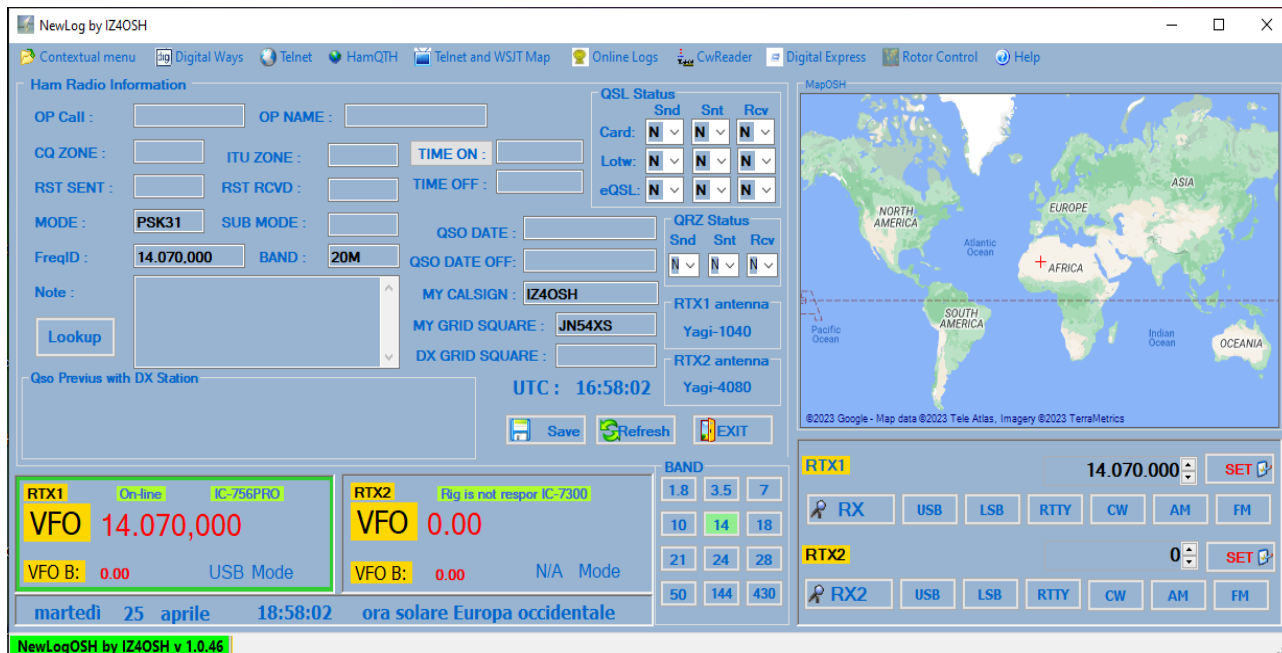
NewLogOSH is a professional amateur radio logging software designed and running on all Microsoft Windows platforms, e.g. Vista / W7 / W8 / W10 /W11. This software has been under development for a few years and the author (IZ4OSH) provides this software for FREE only radio amateurs as such will use it.

Though NewLogOSH is a newborn logging software, it has a clear lean on DX in both HF and VHF with full premium monitoring like DXCC, IOTA, WAZ etc. and includes all the features you would expect from good quality DX recording software.....

This software is completely free to download and use without losing any of the programs features and without limitations of any kind. You are free to distribute it on an individual basis, as long as all original files are intact and unmodified in any way, and you are not charged for it. Any paid distribution is prohibited without specific authorization from the author.

Alessandro Azzolini, IZ4OSH

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A year and a half has passed since the first version made public, in the middle of these months many things have changed, development continues unabated.

Today NewLogOSH stands among the peaks of the Top Software.
The Software has been tested in all Microsoft Windows platforms such as:
Vista/W7,W8,W10,W11

First time installation

This specification is aimed at those who have never installed the software before.

Preliminary stages:

- 1) Before installing NewLogOSH make sure you have downloaded the necessary components from the website (The latest version of NewLogOSH, Omni-Rig V1.19, Digital Express)

NB: it is essential to use the official version of Omni-Rig 1.19.

Installation process

Follow this step carefully for proper installation

1-Install Omni-Rig

2-Install NewLogOSH (C:\NewLogOSH)

3-Install Digital Express (C:\NewLogOSH\DigitalExpress\)

At the end of these installations restart the PC for the correct registration of the installed modules.

NB: For some versions of Windows after installation it may be necessary to start NewLogOSH as administrator.

First configuration

Access the module (MyInformation from the Setup menu)

The operator's data must be entered on this panel, all fields must be filled in correctly, otherwise the program will malfunction.

Follow the instructions carefully:

To enable data entry click on the top right (Add New) once this is done you can now enter your data, at the end click on the Save button.

NB: To use the LotW, Eqsl, HamQTH services, you must be registered with these services and have the LoTW certificate available.

Normally in the LoTW field the Username and Password are the same as those used to access your ARRL profile in LoTW, the same thing also applies to HamQTH and Eqsl.

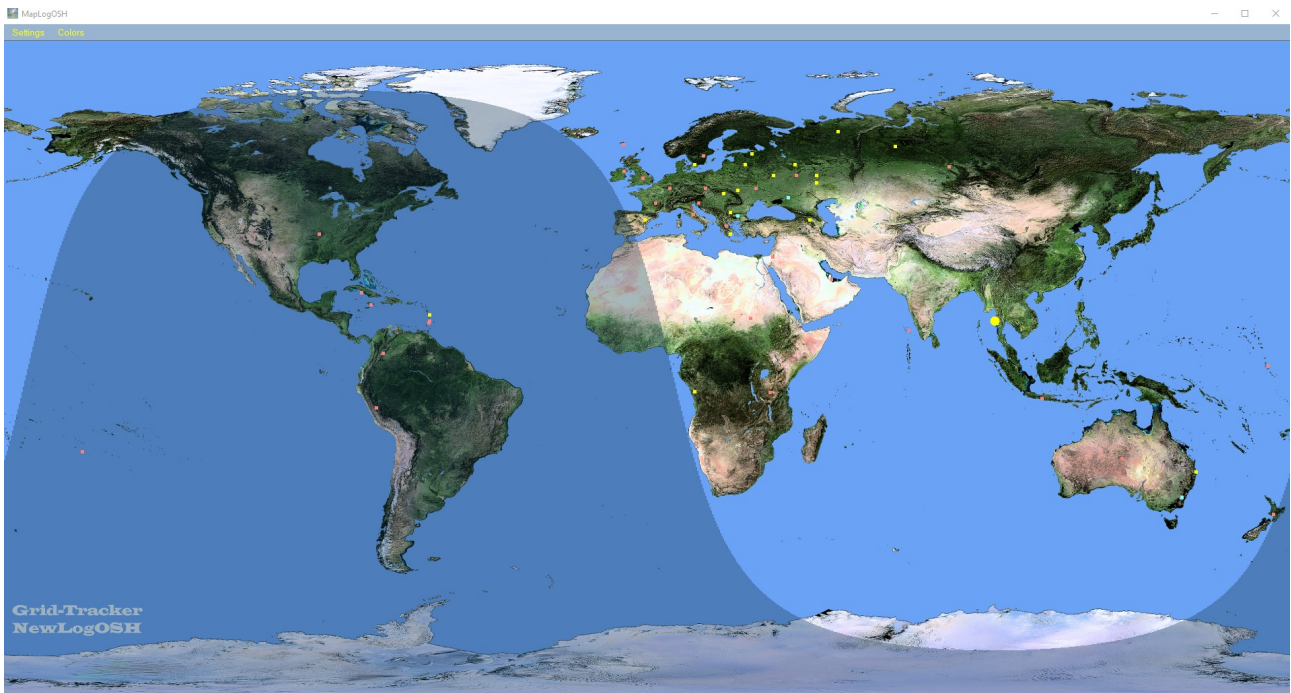
Once you have completed filling out the form after saving, the data will go to the upper grid, once this is done Remember to put the check in the upper left (Active ID)

Longitude and Latitude are calculated automatically by the software when the Locator is entered.

Now we can close NewLogOSH and Restart it,

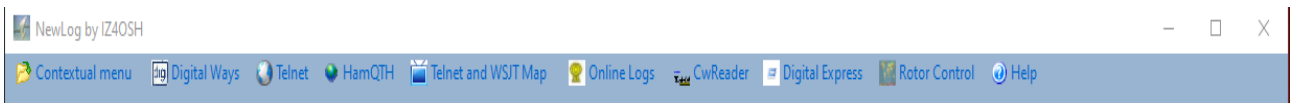
if the data has been entered correctly on the map, you will notice the exact position of your locality.

If the HamQTH data is not entered it will not be possible to download the dx station data!

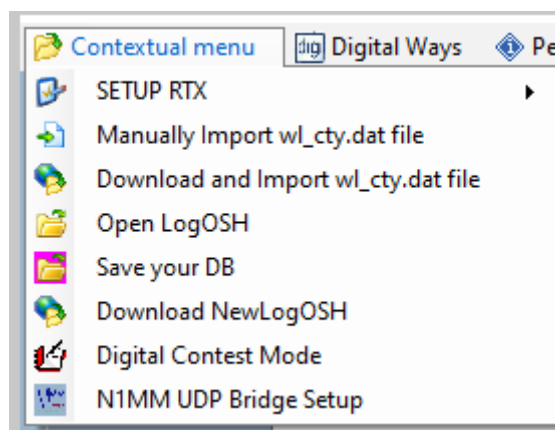


Now the software is ready to be used.

Control Panel and Features



Starting from the left we find: Contextual Menu, Digital Ways, Personal Info, About, Help, Telnet, HamQTH, Telnet and Wsjt Map, Online Logs, CwReader, Digital Express, Rotor Control.



Setup RTX Omni-Rig settings, Rig1 for rtx1 Rig2 for rtx2

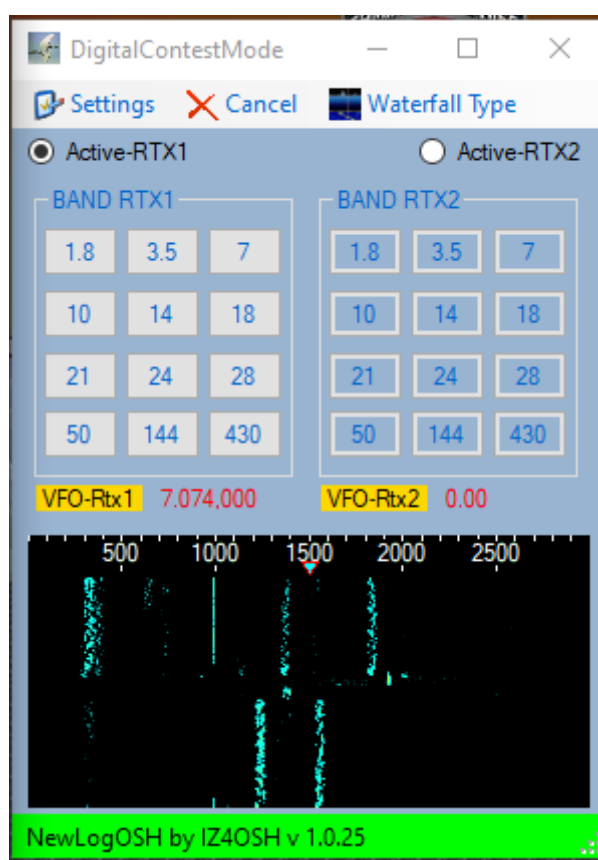
WL_Cty.data file is a text file that is downloaded for smooth running of country routines etc. For the inexperienced, I recommend performing this download automatically by clicking Download and import wl_cty.dat file.

Open Log (opening the Logger where your QSOs are saved)

Save Your DB: This is a function that allows you to save your database after importing your records. This function is very practical when you need to save the database without having to export the records and import them again, when you save the DB you also save the data entered in the MyInformation table. When there will be updates on the new versions, just save the DB on the Desktop, run the software update then drag the file (Newlog.db into the program installation directory). There are two advantages in this operation, 1-if something should happen to the PC, the Logger data is not lost. 2 you don't waste time having to import your Records especially for those who find numbers higher than 50 thousand QSOs)

Download NewLogOSH (Here you can check if a more recent version of the installed program is available online.

Digital Contest Mode

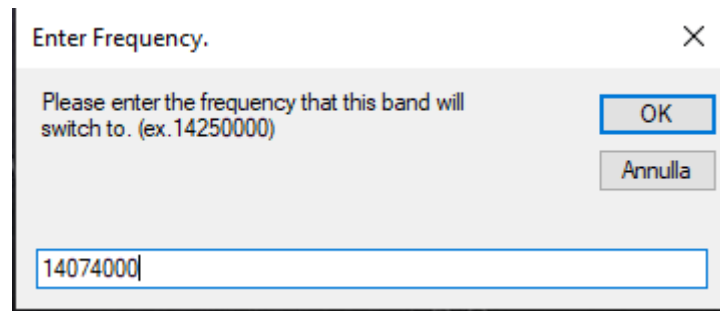


to activate this function, after having opened it, click on Settings and select the input audio.

Putting the flag (Active rtx1 or Active rtx2 will set the focus on the RTX that will have to go on transmission). Band RTX will be used to memorize the bands for the Contest sessions example: (the portions of the band in digital modes such as FT8 and FT4 are different from normal daily operations). This simplifies the switching speed especially if two RTXs are used Example (RTX1 for FT8, RTX2 for FT4) the same thing happens for some Contests in CW, RTTY, PSK. This panel can also be used in daily operations by memorizing the bandwidth portions as described above.

Memorize Bands

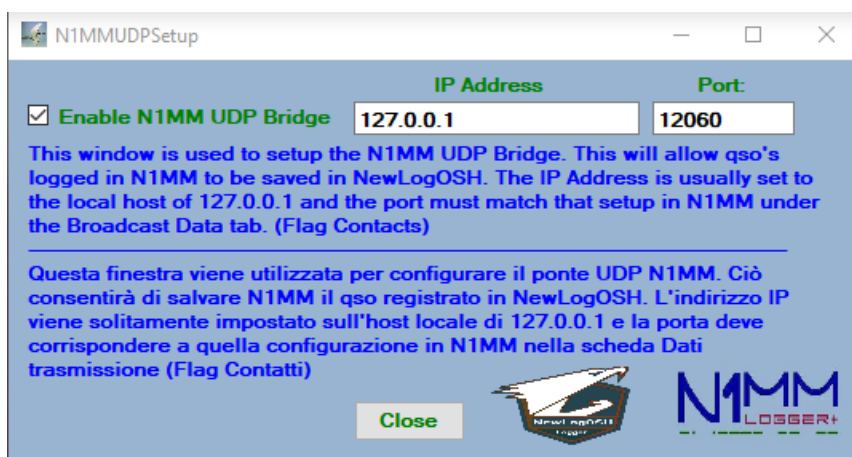
Position the mouse pointer over a button and click the right mouse button, a window will open where the portion of the band concerned will be inserted



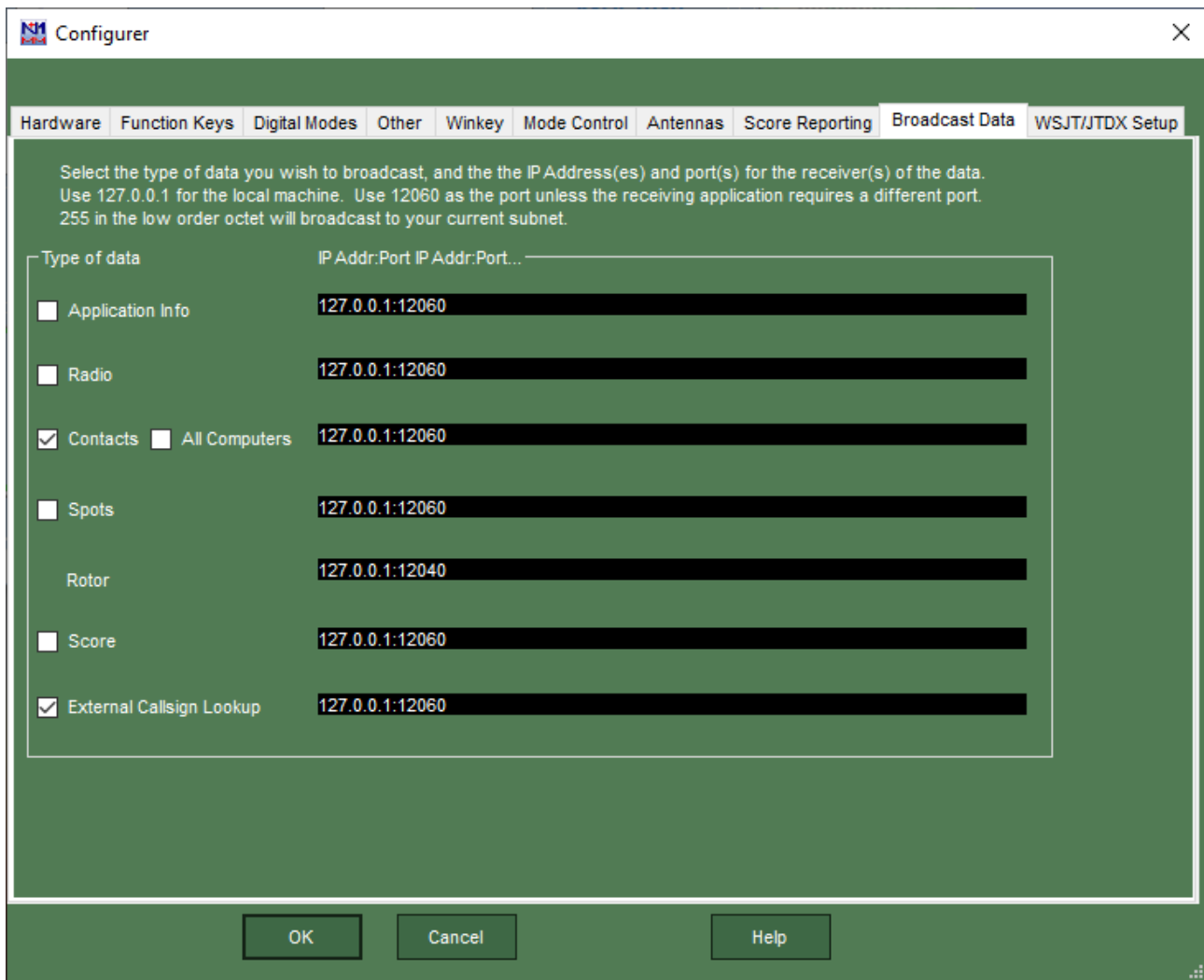
Example if we wanted to memorize the portion of the 20m write as seen in the picture and click OK at this point the band is memorized.

The same operation also takes place in the Main panel where the RTX commands are located.

N1MM Bridge Setup



This function allows you to use all the functions of n1mm and log the records directly into the NewLogOSH Logger. Example (During the Contest sessions each registered contact will be sent to the Database) All operations in digital, CW, RTTY etc. This function has also been tested in daily operations in different modes, everything works regularly without any errors. To set up the N1MM side, open the top menu: Config, then click Broadcast Data



Here put the flag on Contacts and click Ok.

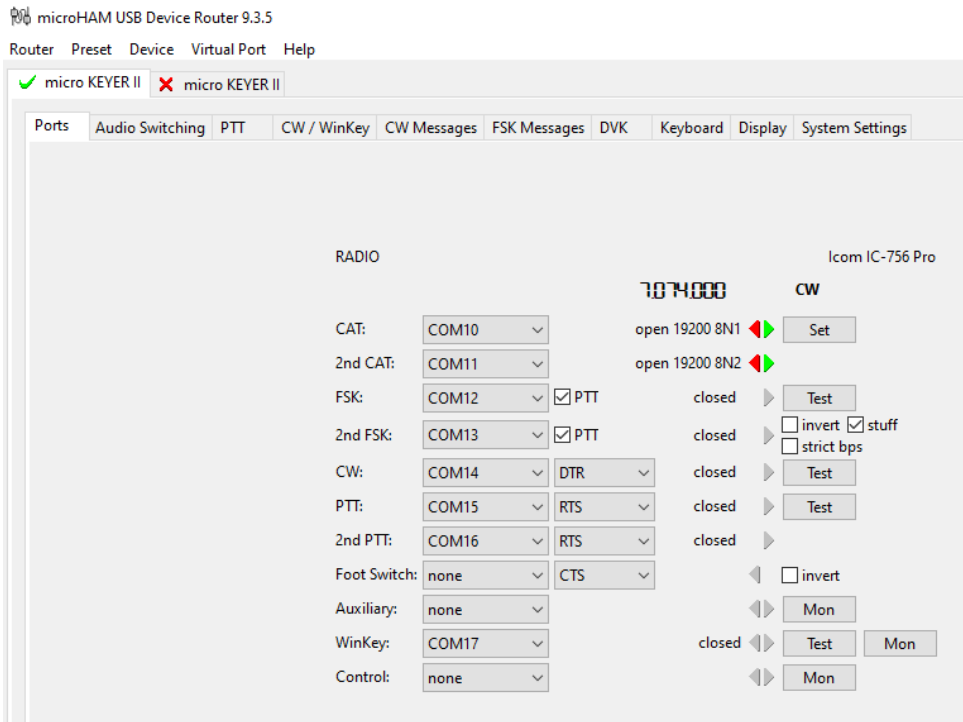
Configuration of the CAT.

Here are two ways to do this option NewLogOSH and N1MM depends on the type of interface you use.

Option1: for all those interfaces that support two and more data communication CATs example (Micro Keyer 2/3)

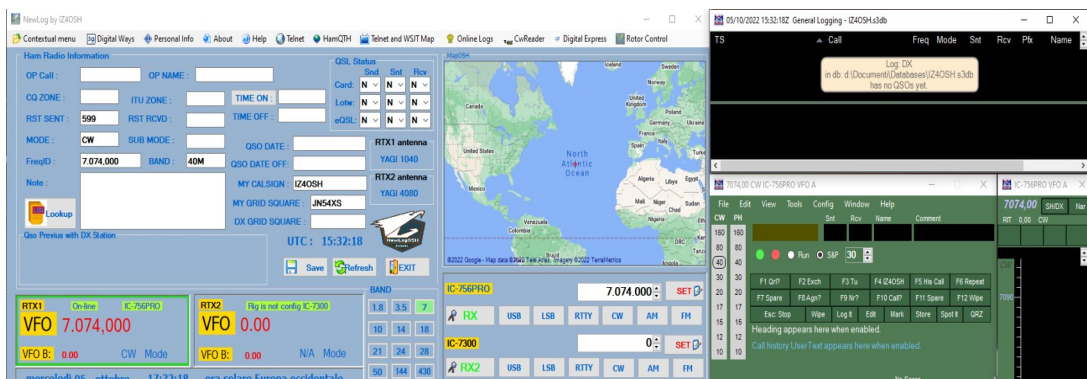
As you can see from the photos, there are two data communication ports ranging from the RTX to the distribution depending on which software is used. Example (COM10 RTX1, COM11 RTX1)

This means that the same RTX will be connected to two different Loggers and manage each function autonomously. In this case the COM10 is configured for NewLogOSH and the COM11 for N1mm. Each band or mode change operation the two Loggers follow each other without any margin of error.

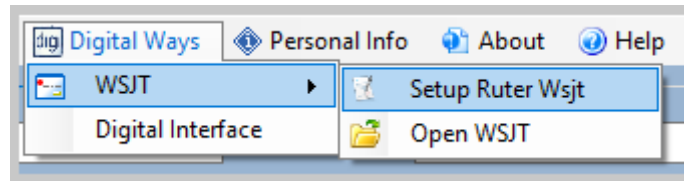


Option 2 (this option is used for those who use only one communication port or a simple home interface) Using this option it is sufficient to configure the communication port with n1mm, having done this, once the two Loggers have been started, N1mm will manage NewLogOSH as regards data sent to the station Log.

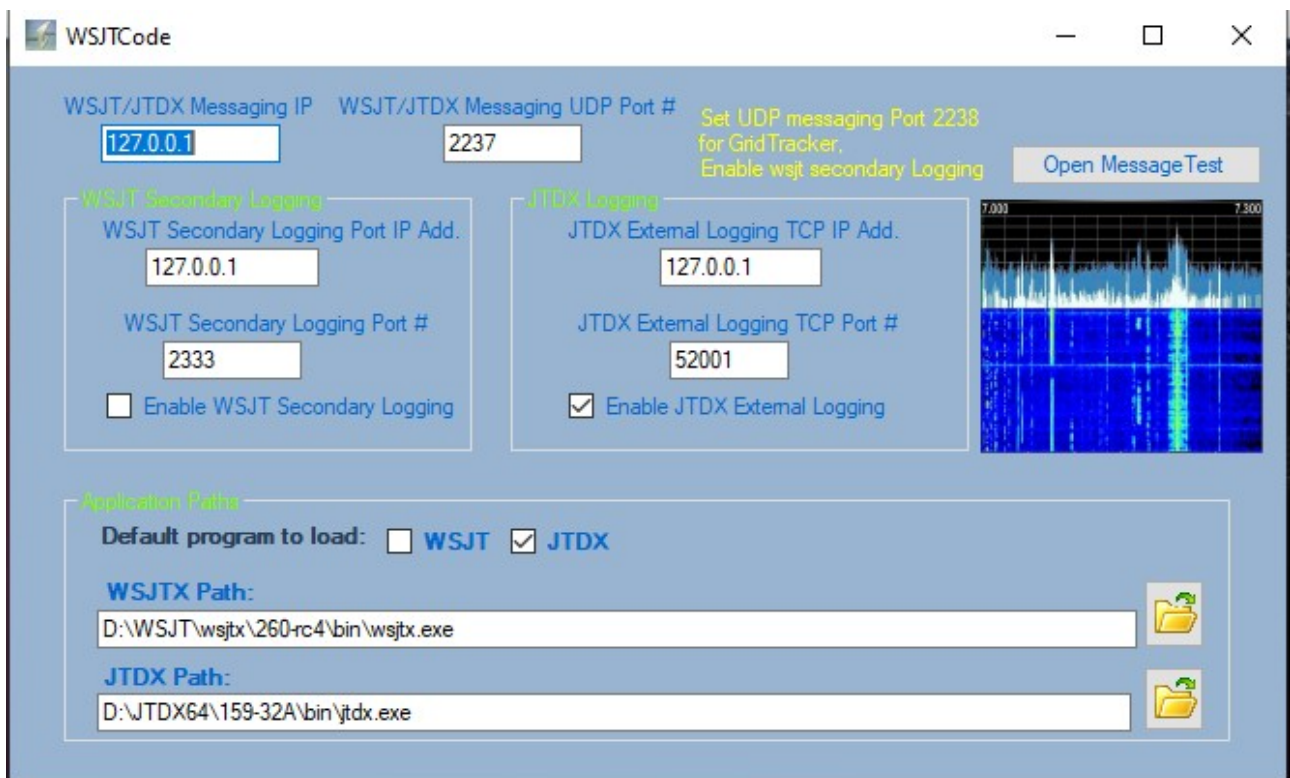
Picture below with Configuration Option1



digital ways



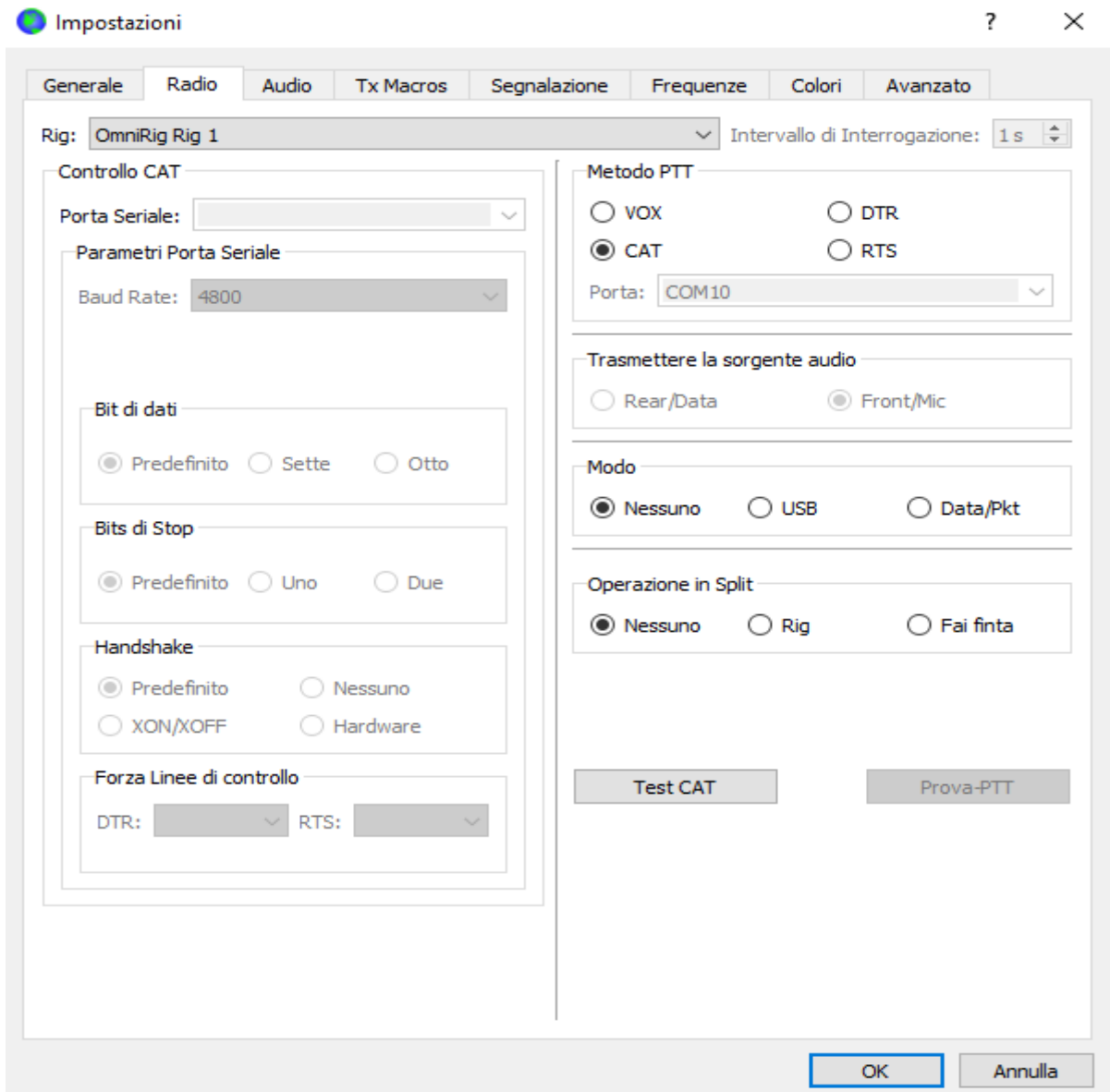
Here it will be possible to configure the digital modes FT8 FT4 let's see how: Clicking on the item Setup Ruter Wsjt a panel will open which must be filled in correctly.



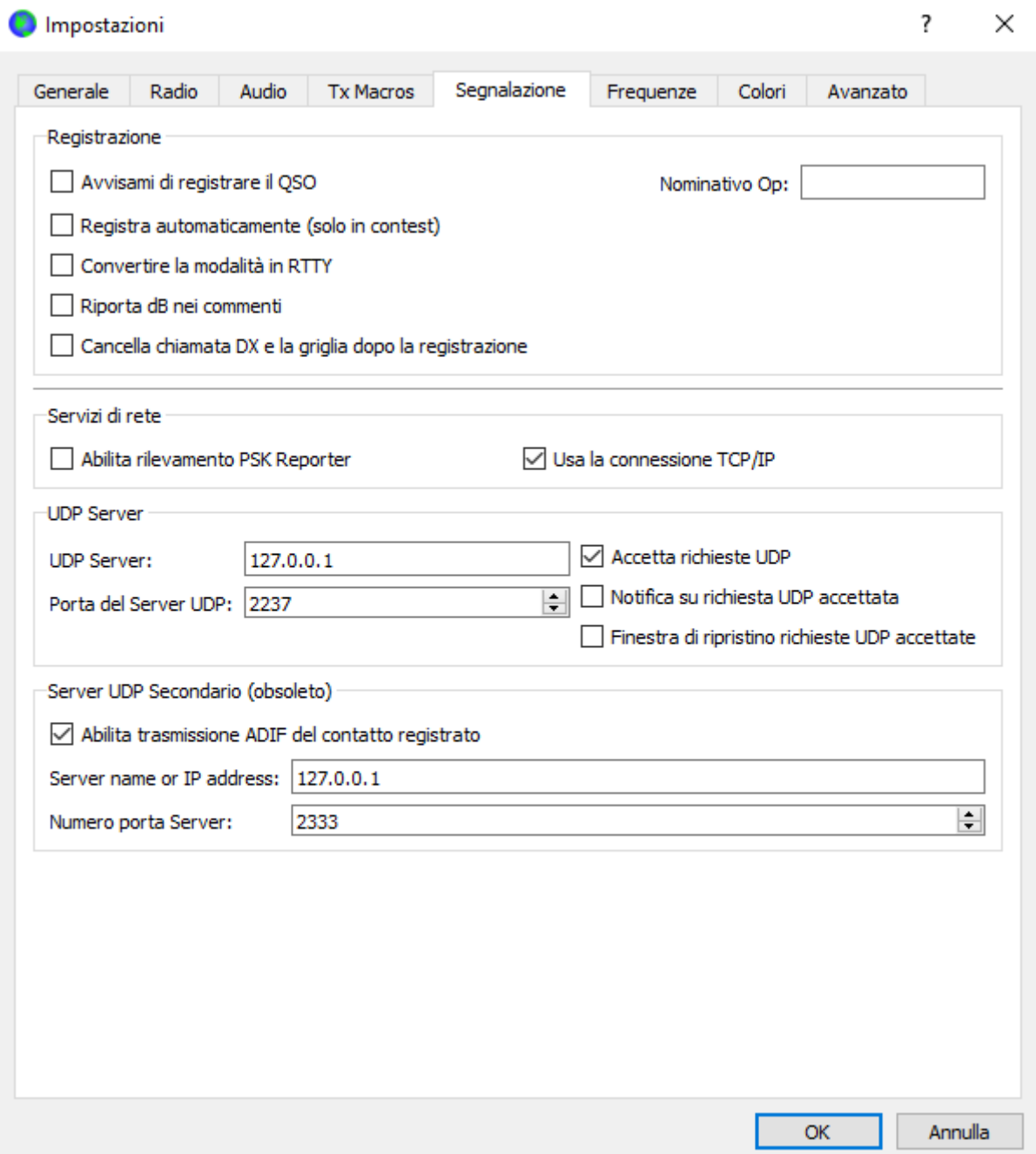
As you can see from the photo this is the correct configuration to be able to run WSJT or JTDX

When performing a setting operation Remember to always restart NewLogOSH because these settings must be recorded in a registry file.

WSJT side configuration



The Radio must be configured based on which Omni-Rig channel has been configured RTX1 or 2
Configure as shown in the photo.



For the configuration of the UDP bridges, perform the configuration as shown in the photo.

The same configurations must also be carried out on JTDX

RTX: OmniRig Rig 1 Intervallo verifica: 1 s Accendi Spengi S meter Potenza d'uscita

Controllo del CAT (interfaccia della Radio):

Porta seriale:

Parametri della Porta Seriale:

Baud Rate: 4800

Bits di Dati:

Predefinito Sette Otto

Bits di Stop:

Predefinito Uno Due

Handshake:

Predefinito Nessuno
 XON/XOFF Hardware

Forza le linee di controllo:

DTR: RTS:

Metodo per PTT:

VOX DTR
 CAT RTS

Porta: COM10

Condividi la porta del PTT

Sorgente audio per trasmissione:

Presa dati posteriore Micro Frontale

Modo:

Nessuno USB Pkt/Data

Operazione in Split:

Nessuno RTX Finto Split

Testa il CAT

Testa il PTT

Ritardo per il Tx: 0,1 s

Registrazione log:

- Richiedimi di loggare il OSO
- Messa a log automatica del OSO
- Converti il modo in RTTY
- Rapporto dB nel commento
- Distanza nei commenti
- Cancella i dati dopo aver loggato il OSO
- Cancella il Nom DX e la Gridlia all'uscita

Invia file ADIF del QSO per il log:

Server TCP: 127.0.0.1
 Porta TCP: 52001
 Abilita l'invio al server TCP
 Server UDP2: 127.0.0.1
 Porta UDP: 2333
 Abilita l'invio al server UDP secondario

Registrazione su ALL.TXT:

- Messaggi decodificati
- Messaggi decodificati e di debug

Servizi di Rete:

Abilita l'invio a eQSL

Abilita lo spotting su PSK Reporter

Abilita lo spotting su DXSummit

Nome Utente:

Password:

Nickname su QTH:

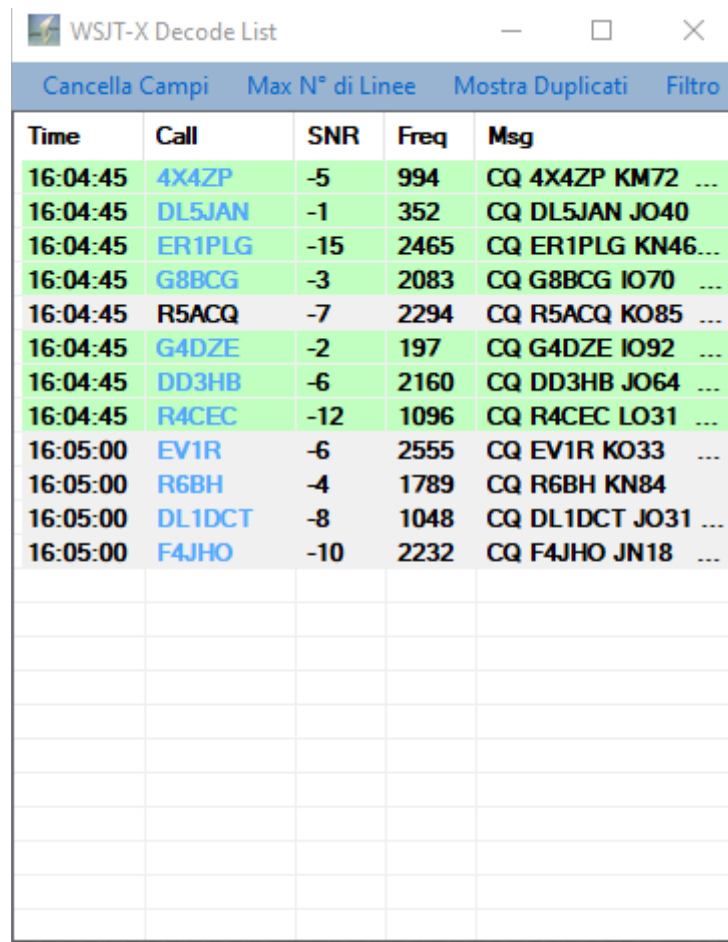
Server UDP primario:

Server UDP: 127.0.0.1 Accetta richieste UDP
 Numero porta del server UDP: 2237 Notifica dell'accettazione della richiesta UDP
 Finestra di rioristino richieste UDP accettate

- Abilita l'invio del file ADIF per il log
- Prevenire l'individuazione di messaggi con nominativi non confermati tramite UDP
- Applica filtri di testo alla trasmissione dei messaggi UDP

Conferma Cancell

After performing these setup operations, close WSJT or JTDX and restart NewLogOSH at this point you will notice that the WSJT Decoder List window will be populated.



Time	Call	SNR	Freq	Msg
16:04:45	4X4ZP	-5	994	CQ 4X4ZP KM72 ...
16:04:45	DL5JAN	-1	352	CQ DL5JAN JO40
16:04:45	ER1PLG	-15	2465	CQ ER1PLG KN46...
16:04:45	G8BCG	-3	2083	CQ G8BCG IO70 ...
16:04:45	R5ACQ	-7	2294	CQ R5ACQ KO85 ...
16:04:45	G4DZE	-2	197	CQ G4DZE IO92 ...
16:04:45	DD3HB	-6	2160	CQ DD3HB JO64 ...
16:04:45	R4CEC	-12	1096	CQ R4CEC LO31 ...
16:05:00	EV1R	-6	2555	CQ EV1R KO33 ...
16:05:00	R6BH	-4	1789	CQ R6BH KN84
16:05:00	DL1DCT	-8	1048	CQ DL1DCT JO31 ...
16:05:00	F4JHO	-10	2232	CQ F4JHO JN18 ...

By clicking on a callsign that you want to connect, the cursor on the JTDX or WSJT spectrum will position itself in the audio passband portion as seen on the Freq list



telnet

DX Cluster for NewLog by IZ4OSH

Setting Spot Cancellia Griglia Post DX Spot Announcement

Spots TelnetOSH Window

Color Status: [Color indicators]

Callsign DX	Frequency	Comment	DXCC	Spotter	Time	Mode
IQ5QO/P	14180.0	FF-2269 Grazie Stef	I	DL2IAJ	703Z I	SSB
LUSFF	50313.0	O50UF<TEP>FF99RF FT8 -8dB tn	LU	DK2EA	703Z J	FT8
TI4BRI	14016.2	nx QSO	I	R0AF	702Z t	CW
VU7W	18109.3	T8 big signal	VU7	F5MYH	702Z F	SSB
EI7BA	50313.0	John calling -5 dB 2578 Hz	EI	EI2IP	1703Z	FT8
V53SDX/B	50494.8	JN70CU<TR>JG77II 599 qsb	V5	IK8PGQ	1703Z	SSB

AE5E 25-Apr-2023 15Z SFI=134 A=76 K=3 Connected to IK4ICZ-6

Telnet connected to NewLogOSH

DX Cluster for NewLog by IZ4OSH

Setting Spot Post DX Spot Announcement

Spots TelnetOSH Window

isconne

```
DX de RK6FO: 7103.0 R3FO 1614Z
DX de RX3QFY: 7103.3 UAGACZ Shoigu - gandon! 1614Z
DX de SV2HJW: 10136.0 UA3PY FT8 -09dB 768Hz 1615Z
DX de RX3QFY: 10136.4 RV3DAF Ne hochu myasom na voinu! 1615Z
DX de EA2CYC: 7140.0 EH5DCV EH5DCV comunidad valenciana 1615Z
```

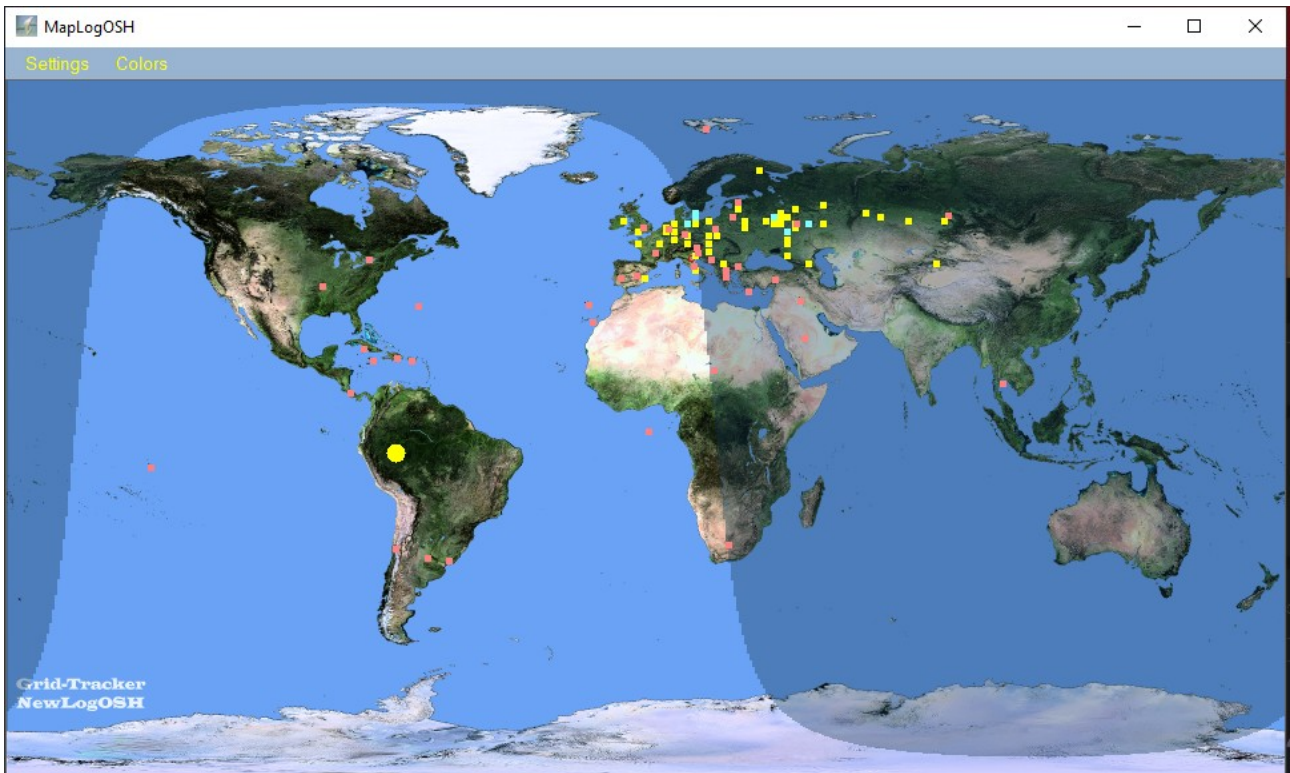
Send

Bye Conn di/n sh/dx Users www Clear dx Nodx mycall

Connected to AI9T

Telnet connected to NewLogOSH

When telnet is up and running the map will populate showing the exact spots where the DX stations are located



the red dots are the data arriving from Telnet, the yellow dots are the data arriving from WSJT or JTDX, the blue dots are the stations already present inside the Logger (double station for the band where you are).

From the Color menu of the Map it is possible to customize the color of the points. From the Settings menu it will be possible to activate other functions such as the equator line, sundial, etc.

HamQTH

Clicking HamQTH on the top menu you will be able to access the website directly, after logging in you will be able to do research on the interested stations.

Telnet and WSJTMap

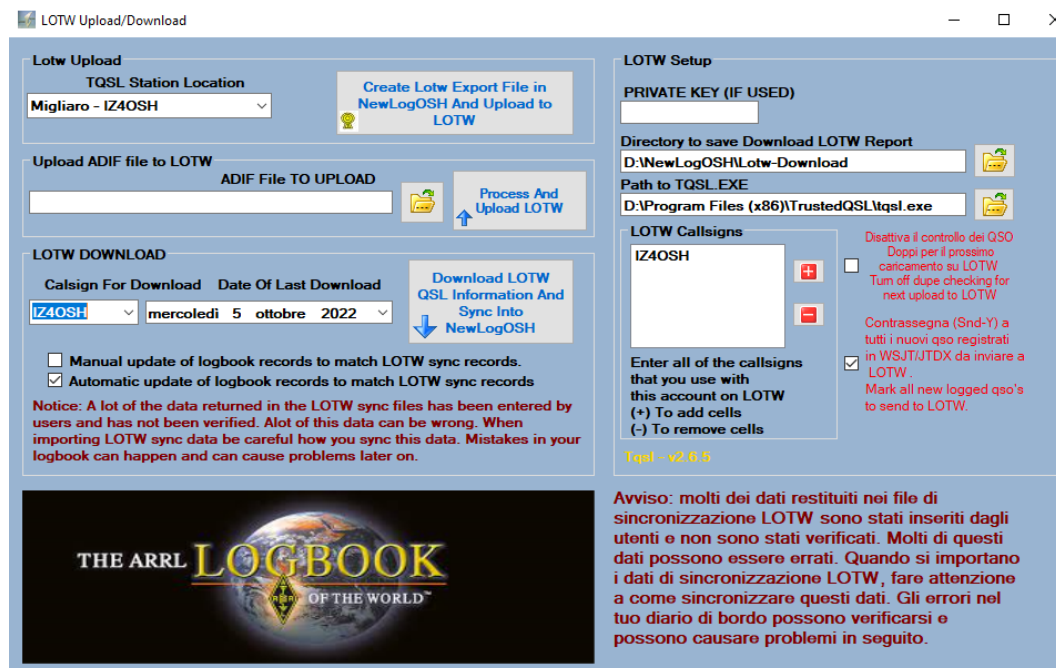
Map opening when closed.

NB: to memorize the position of the map or of other windows click on the X in the top right corner after positioning the form, closing the window in this way the position will be memorised, subsequently when the same window is restarted it will open in the position that has been memorized. (This applies to all project windows apart from the WSJT Decoder List and configuration windows).

Online Logs

Online log means Lotw,Eqsl. Let's see what configurations we need to perform.

LoT_w



When you open the Lotw window for the first time you have to do three things:

1 Go to select LotW Download directory which is inside the directory where NewLogOSH was installed, LotW reports will be stored in that location. This is used to be able to view the input records if there are problems such as Grids cqzone ituzone etc.

2 Select the directory where TQSL.exe is installed (when you send records to Lotw these records are signed by your own certificate which was sent by ARRL Lotw. Without any certificate you will not be able to send records).

3 Indicate your callsign in Lotw Callsigns

NB: NewLogOSH is a Logger recognized by ARRL

See web address: <https://lotw.arrl.org/lotw-help/submitloggingapp/>

Data Send Function:

After having recorded one or more QSOs in the log you will notice that the record sending flags are filled in automatically, at this point to send the records, open Lotw Upload/Download and click CREATE Lotw Export File in NewLogOSH and Upload to Lotw. All records with active flags will be sent and the sending dates will be shown on the log.

To download the records and synchronize them with the records inside the Log, follow these steps:

Select a date, then click Download Lotw QSL Information And Sync Into NewLogOSH

At this point wait for the records to be downloaded and synchronized. The sync time goes according to the number of records you are downloading. At the end of this operation it will be possible to close the form.

EQSL

The screenshot shows the EQSL Upload/Download software interface. The window title is "EQSL Upload/Download". The interface is divided into three main sections:

- eQSL Download:** Includes a "Date of Last Download" dropdown menu set to "05/10/2022" and a "Download from eQsl and sync in log." button.
- eQSL Upload:** Includes a "Create eQSL export and Upload to eQSL" button and an "ADIF file to upload" field set to "Not Set" with an "Upload" button.
- eQSL Setup:** Includes "eQSL Station Callsign" (IZ4OSH), "QTH Nick Name" (None Set), a "Directory to save downloaded eQSL Reports" field (Not Set) with an "Open" button, and a checkbox for "Mark all qso's to be upload to eQSL".

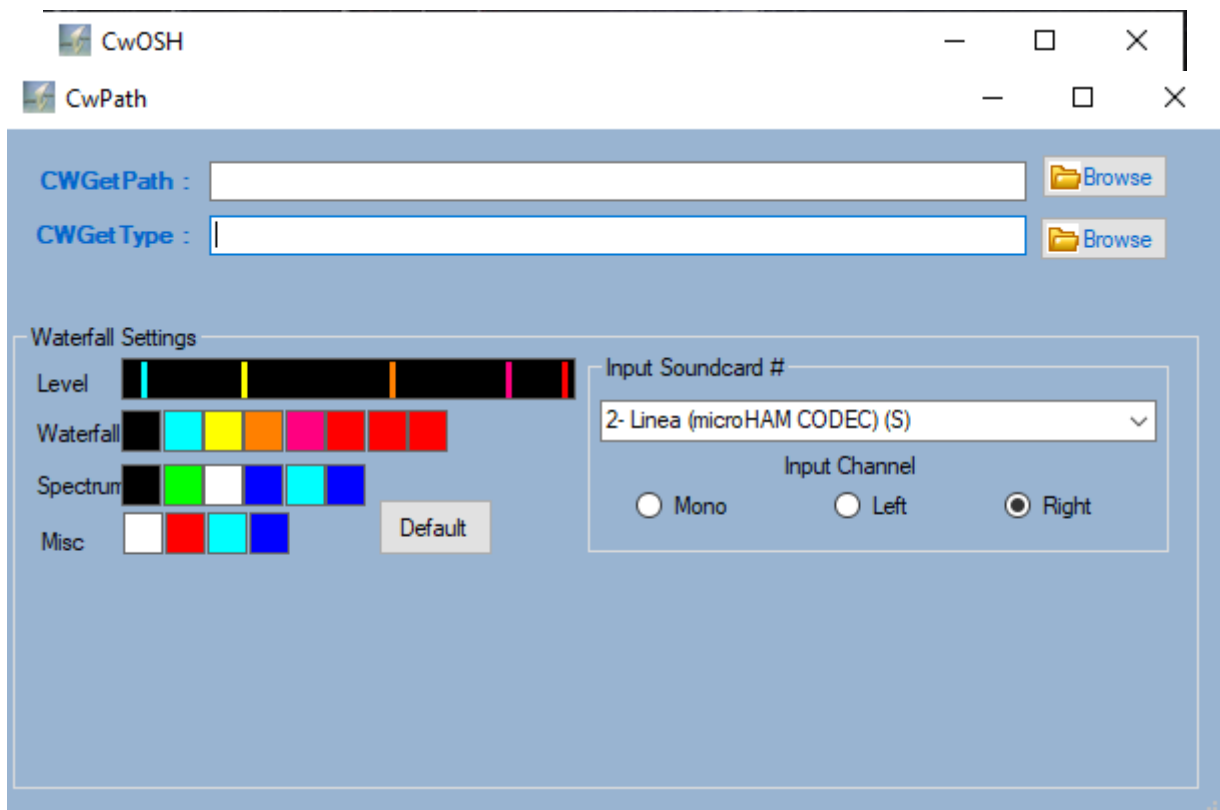
On the right side, there is a "QTH Nickname Setup" panel with a list box and "+" and "-" buttons. Below it, instructions read: "Enter all of the QTH Nicknames that you use with this account on eQSL (+) To add names (-) To remove names".

If the data in the MyInformation form has been filled in correctly, after having registered one or more QSOs Open EQSL Upload/Download and click Create eQSL Export and Upload to eQSL, at this point all registered records will be sent to eQSL. NB: WHEN IMPORTING I

RECORDS COMING FROM OTHER LOGGERS THE PROGRAM WILL ASK IF YOU WANT TO ADD THE FLAG TO THE EXPORT OF CONTACTS, IF THE PREVIOUSLY IMPORTED CONTACTS HAVE ALREADY BEEN SENT TO EQSL YOU MUST INDICATE NO TO THE FLAG, EQSL WILL REFUSE ANY ATTEMPT TO DUPLICATE THE RECORDS AND THEREFORE YOU WILL ARRIVE ERROR WARNINGS BECAUSE THE RECORD IS PRESENT IN THEIR DATABASE.

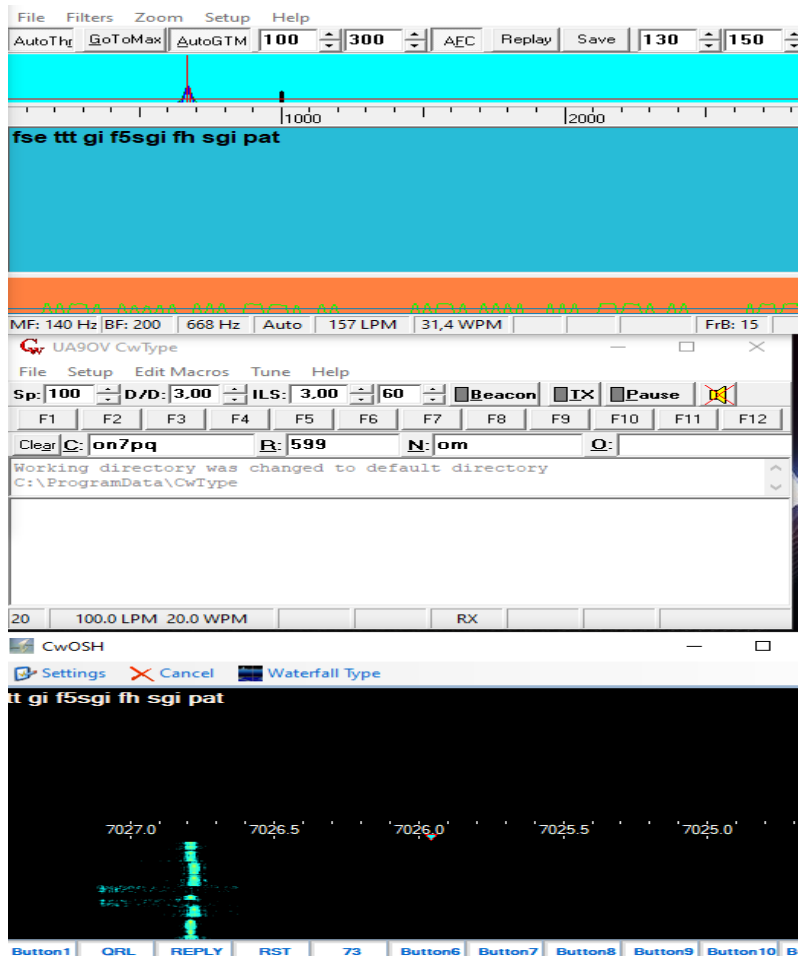
To download the available records Click Download from eQSL and Sync in log. At this point all records available for synchronization will be downloaded. Wait for the synchronization to finish. Once this is done, the form can be closed.

CwReader



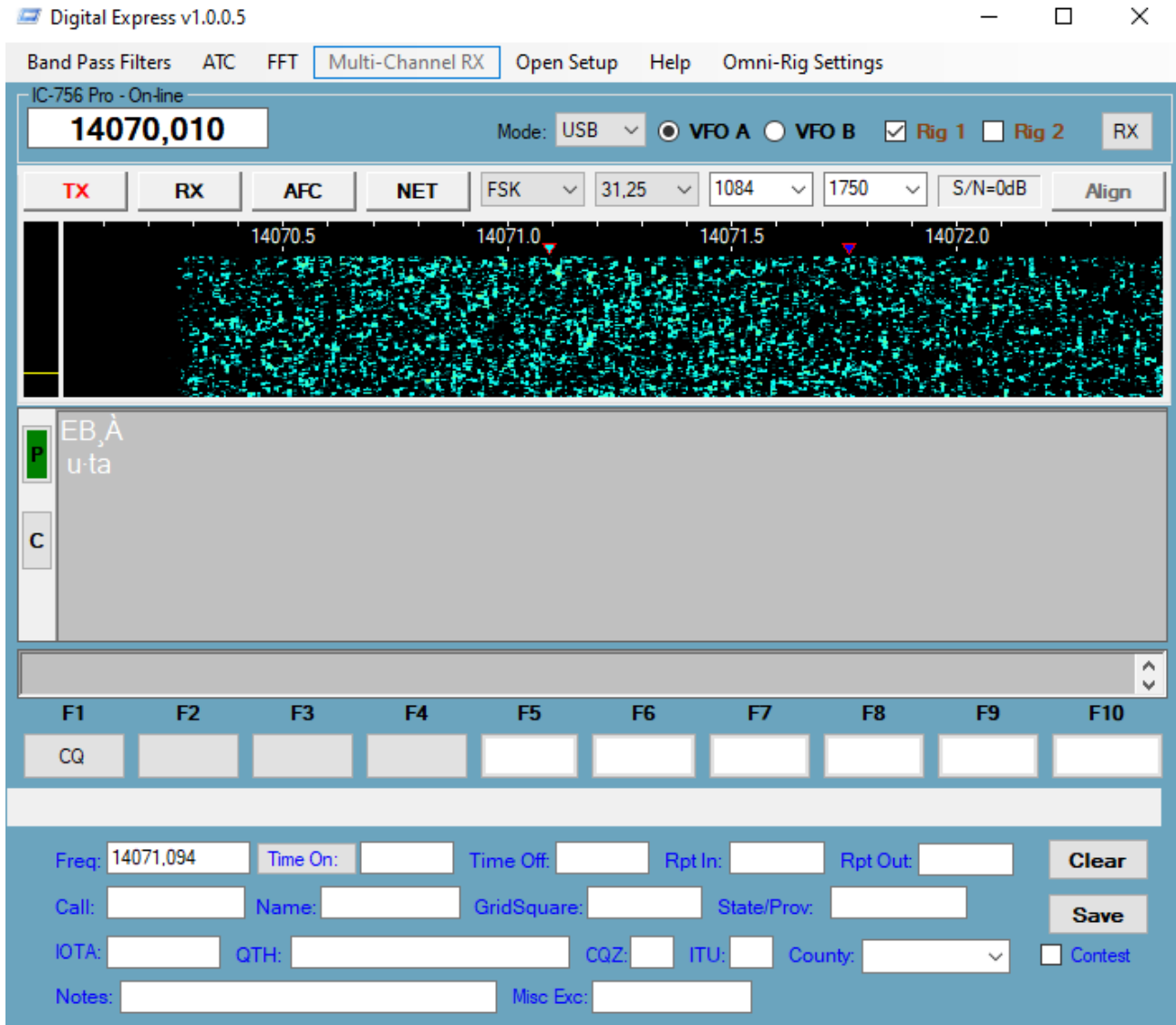
To make this option work, you need to install two external programs (CwGet and CWType)
After configuring the Path in the CwPath panel select the input audio (input Soundcard) At this point close CwPath and close CwOSH and restart the process by clicking on the CWReader main panel

On restart it will appear in these conditions.



This program does not replace the Cw with the classic palettes, etc., but helps those who have to fill in many gaps to understand the world of the telegrapher. In contest operations or QSOs with dx stations it helps beginners to understand what the dots and dashes are.

Digital Express



Digital Express is a program that implements the functions of MMVARI PSK31 and other digital modes. Contains an independent database for contest operations. Inside you will find a broad explanation of its operation and the configurations to be carried out. Macros are programmed from the panel that opens when you right-click a button

	CQ	Button2	Button3	Button4	Button5	Button6	Button7	Button8	Button9	Button10
Shift-Down	Button11	Button12	Button13	Button14	Button15	Button16	Button17	Button18	Button19	Button20
Ctrl-Down	Button21	Button22	Button23	Button24	Button25	Button26	Button27	Button28	Button29	Button30

Caption: Macro String:

1. Select Button to edit.
2. Enter caption.
3. Edit Button Message
4. Save

Macro Substitutions

<TX>
 <RX>
 <CR>
 <MYCALL>
 <MYNAME>
 <MYGRID>

Button Forecolor Button Backcolor

Clear Save

General Settings MMVARI Setup Database Setup

Colors and Font's

<p>RX Window</p> <p>Window Font: Microsoft Sans Serif, 12 [Set]</p> <p>Back Color: <input type="text"/> Detected Call Color: <input style="background-color: red;" type="text"/> <input checked="" type="checkbox"/> Color Foreground</p> <p>Text Color: <input type="text"/> MyCall Color: <input style="background-color: orange;" type="text"/> <input type="checkbox"/> Color Background</p>	<p>TX Window</p> <p>Window Font: <input type="text"/> [Set]</p>	<p>Form Backcolor</p> <p><input style="background-color: #cccccc;" type="text"/></p>
---	--	---

My Information

My Call:
 My Name:
 My GridSquare:
 My CQ Zone:
 My IOTA:
 My State:
 My County:
 My QTH:
 My ITU Zone:
 MySTX String:

The above information will be added to your qso records and be used in Macro Strings.

Logging

Default sent RST:

When logging a qso the qso record is saved to the local database and also can be:
 A. Saved to a text file in adif format.
 B. Sent to another logging program via a TCP port.
 What method should be used?

Text File TCP Port None

Text File: Path to Text File: [Browse]

TCP Port: Address: Port #:

Contest Logging

Is Zone Contest? Use ESM Mode ESM Color:

Is Section Contest? Use Rt Click as Return not menu in RX Window

Is Serial Contest? Enable Sent NR Starting #:

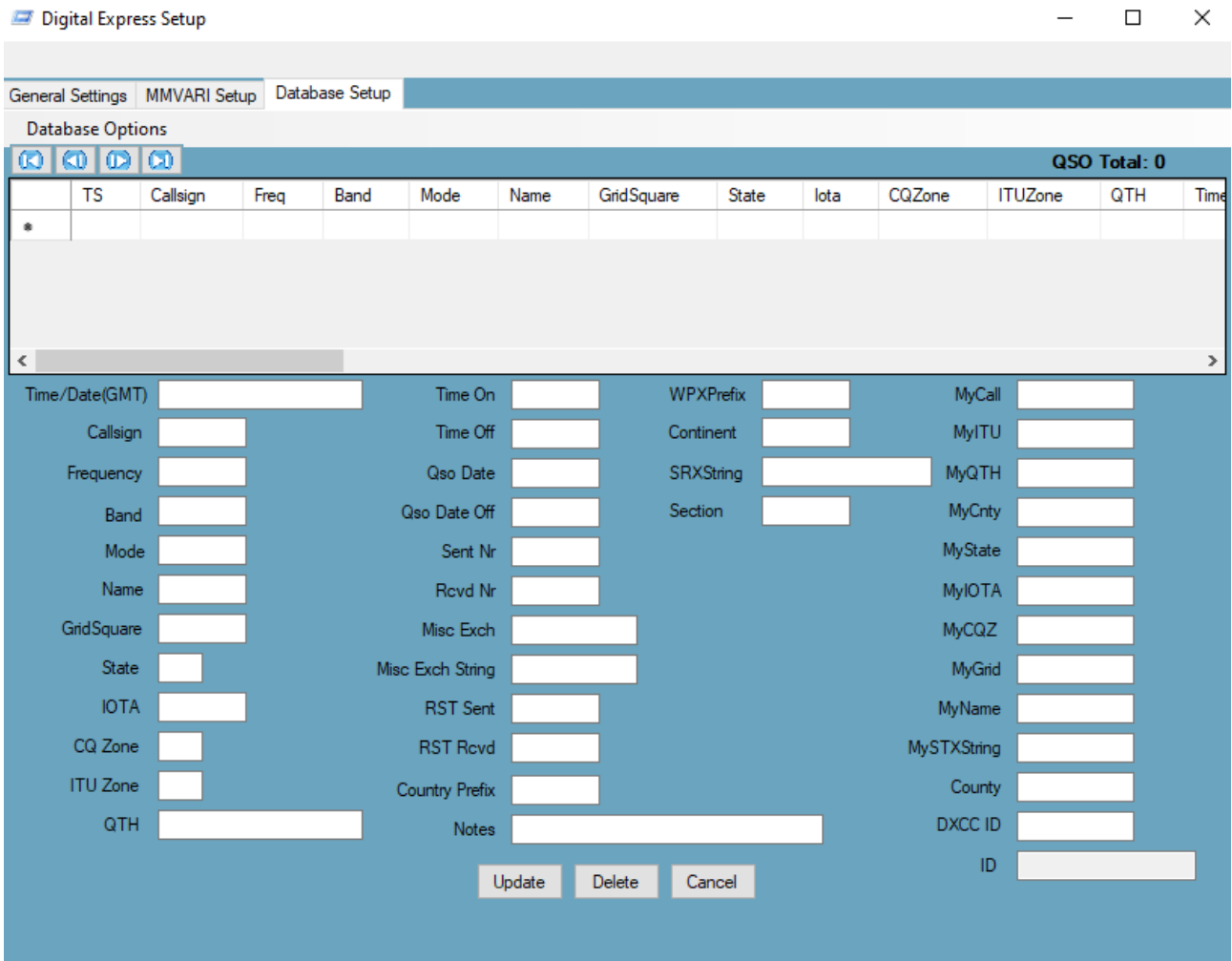
What field should be used when logging the Misc. Exchange Field?

Dupe Checking

None
 Once per Contest
 Once per Mode
 Once per Band
 Once per Band and Mode

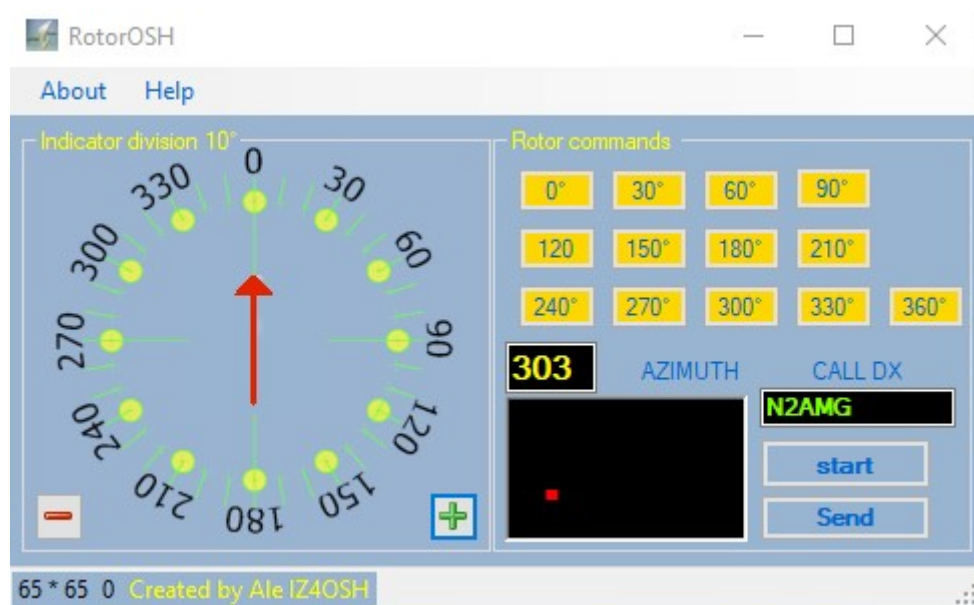
Contest Entry Window Layout

Call Exch In Exch Out State Not Used Not Used Not Used



Digital Express is a good quality program you need to know its functions well, to do this it should be used and tested in all its functions. The beta testers are enthusiastic and it has been tested in several sessions in the RTTY Contests, all processes work correctly. I advise.

Rotor control



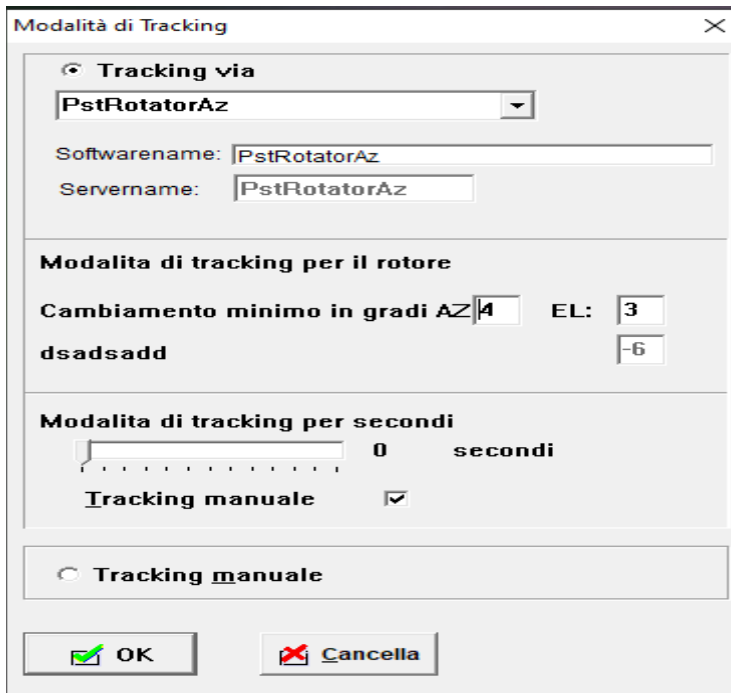
Rotor Control is a control that allows you to rotate the antenna through a control interface connected to your Rotor's controlBox. This setup works for the Yaesu G1000DXC, for other rotors I haven't had the chance to test. For this setup to work, you need the following components:

1 FUNBOX WINROTOR PLUS interface and control SOFTWARE.

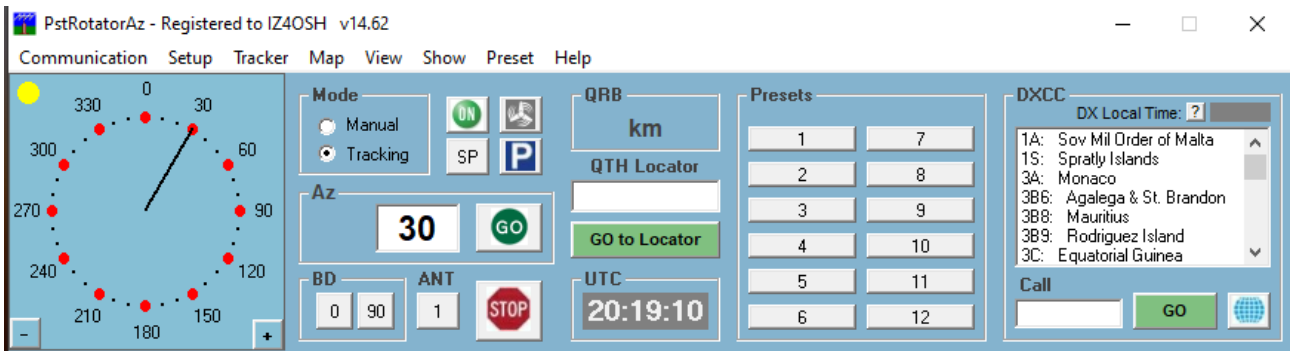


in the Options menu select Tracking Mode

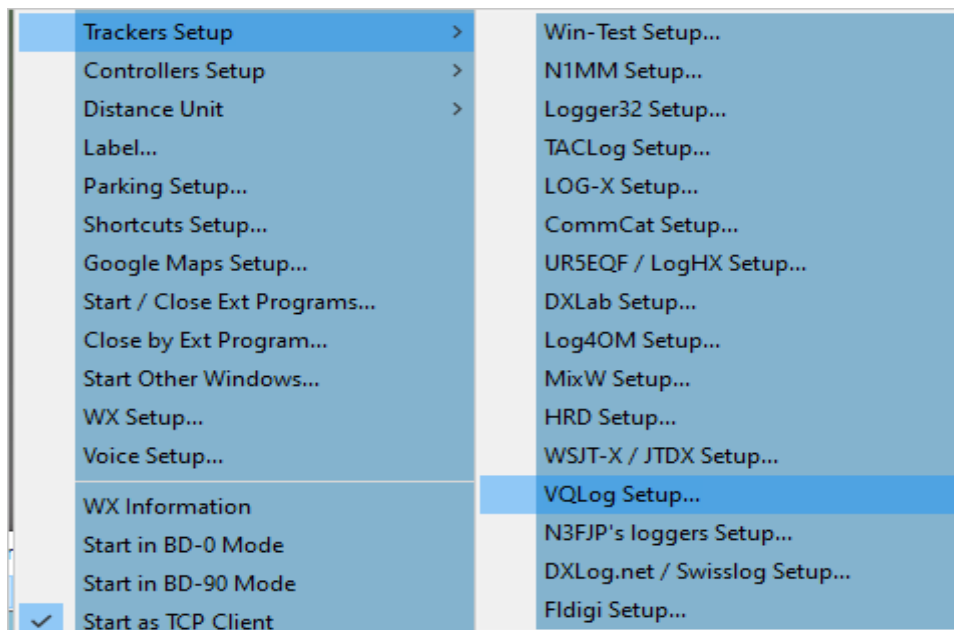
Then select PstRotatorAZ



PstRotatorAZ configuration

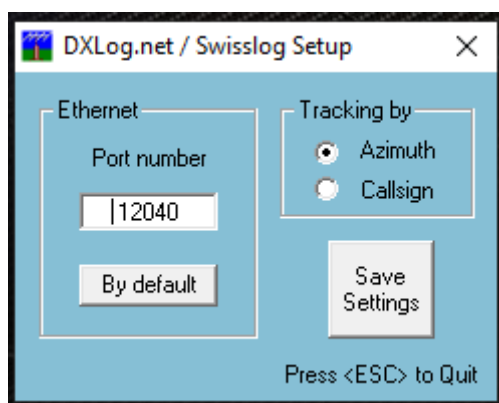


open the setup and go to Trackers Setup and select DXLOG.Net

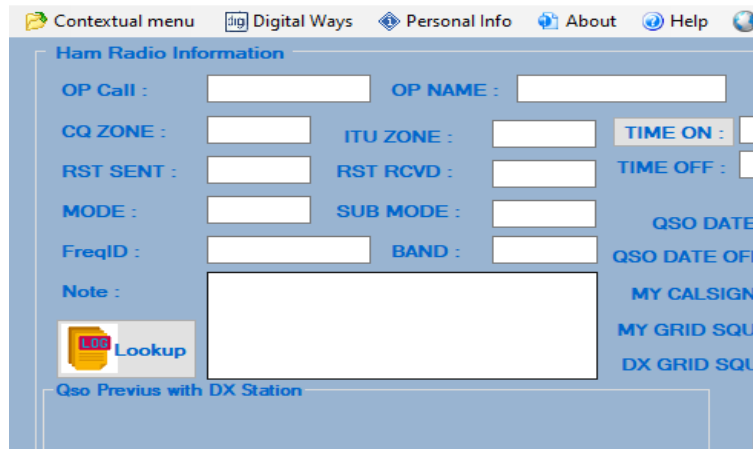


A window like this will then open:

Then put the Flag on the Azimuth item, click save and close.



Prepare the program for TCP Client, if things went well PsTRotator and WinRotor PLUS are communicating with each other. At this point open Rotor Control, Write a call Call in the NewLogOSH main panel,



By subsequently clicking on LooKup, the latitude and longitude data are sent to the Rotor Control by filling in the Azimuth box and by clicking on the Start button, the data is sent to the two Controllers and the antenna will position itself in the direction of the Azimuth box.

The latitude and longitude control of the right stations reads the positions aiming at the center of the grid, then after clicking LooKup based on the real position of the right station it will correct the degrees radians. The accuracy is very high.

QRZ.COM XML UPLOAD



This service requires a QRZ subscription (XML Lookup and higher)

QRZ Log supports 2 types of uploads to the QRZ Log database.

One is to upload an adif file that contains multiple qso ADIF records (Up to 1000 records).

The others are qsos that are uploaded as soon as the qso is logged in the logger.

Deleting or recovering qsos via this interface is not supported.

Registry name, ID and key are required and are available from your qrz logbook in the settings window for each logbook.


You will need to add your currently used logbooks in the Setup window.

QRZ SETTING


QRZ For NewLogOSH

QRZ Manual XML Lookup QRZ Logbook QRZ WebSite **QRZ Setup**

QRZ LogBook Setup

Logbook Name Logbook Book # Logbook Key 

Logbook Name	Logbook Book #	Logbook Key
IZ4OSH Logbook	10073	XXXXXXXXXX



Enable QRZ Logbook usage

Always send qso to QRZ upon Logging.

Use QRZ XML Real Time Lookup instead of Hamlog


QRZ Login Information

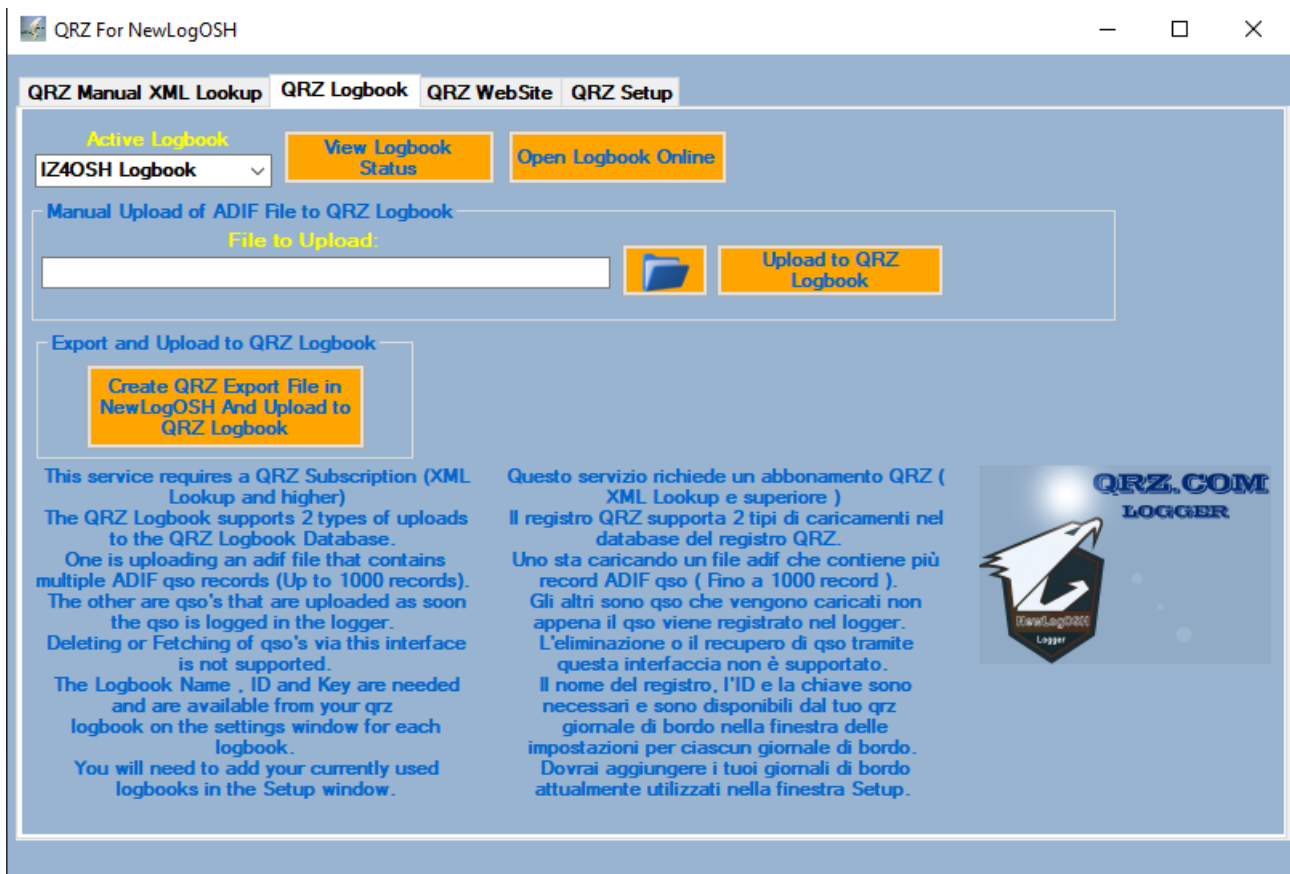
Username:

Password:

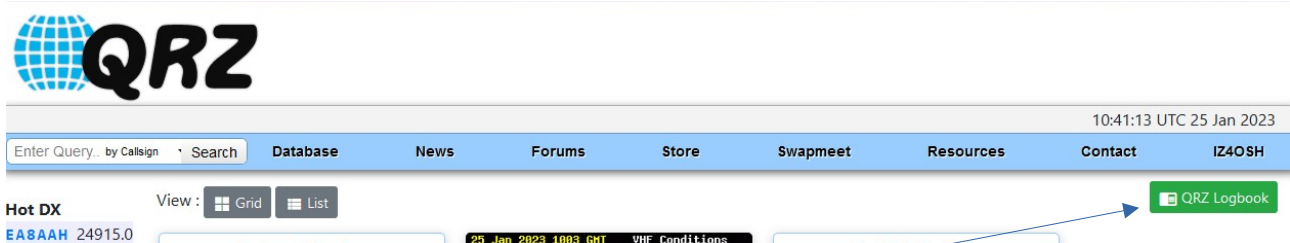
Nelle caselle seguenti inserisci il nome del tuo diario di bordo, il libro di bordo e la chiave del registro per ogni diario di bordo che desideri gestire tramite questa applicazione. Le informazioni richieste si trovano su QRZ.com nella sezione Impostazioni di ciascun registro che si desidera aggiungere. Per eliminare un LogBook dall'elenco: Evidenzia la riga del registro e premi Del Button.

In the boxes below enter your Logbook Name, Logbook Book# and Logbook Key for each Logbook you would like to manage thru this application. The required information is located on QRZ.com in the Settings section of each logbook you want to add. To delete a LogBook from the list - Highlight logbook row and press Del Button.



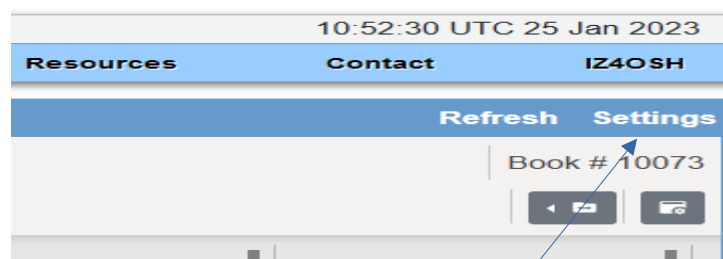


- 1: Open your browser and log in (www.qrz.com)
- 2: access your online log settings by clicking (QRZ LOGBOOK) You should find it on the Home as soon as you log in with your credentials
- 3: Now click on the button you find (QRZ LOGBOOK)



4: Green button
at this point you will find yourself in your qrz logbook.

5: click where you find written (settings)

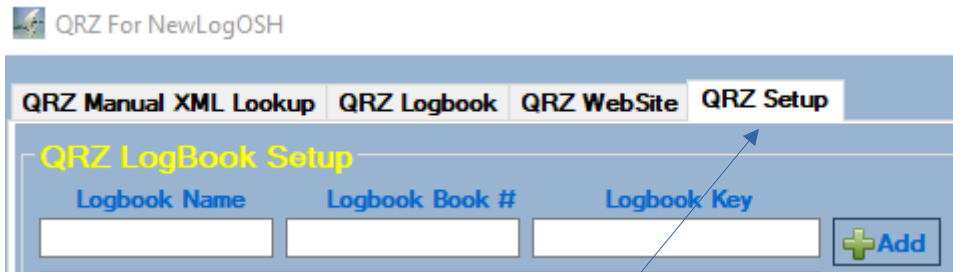


Settings

6: now you will be in the LogBook Info configuration page, and QRZ LogBook API

7: Now open NewLogOSH and from the top menu (Online Logs) click (QRZ)

open the qrz form, go to settings (click QRZ Setup)



QRZ SETUP

The setup page opens



In the boxes below enter the name of your logbook, logbook and registry key

1: Logbook = LogBook Name

2: Log Book = LogBook Book

3: The key = LogBook Key

Now proceed to insert this data, to do this copy and paste the information you find on the qrz settings page that you previously opened.

1: copy the name of your Logbook that you find in LogBook info

Logbook Info

Name: IZ4OSH Logbook

Book #: 10073

LogBook Name

LogBook Book

QRZ Manual XML Lookup QRZ Logbook QRZ WebSite QRZ Setup

QRZ LogBook Setup

Logbook Name	Logbook Book #	Logbook Key
<input type="text"/>	<input type="text"/>	<input type="text"/>

Logbook Name	Logbook ID	Logbook Key

Nelle caselle seguenti inserisci il nome del tuo diario di bordo, il libro di bordo e la chiave del registro per ogni diario di bordo che desideri gestire tramite questa applicazione. Le informazioni richieste si trovano su QRZ.com nella sezione Impostazioni di ciascun registro che si desidera aggiungere. Per eliminare un LogBook dall'elenco: Evidenzia la riga del registro e premi Del Button.

Now enter your personal code (API KEY) you can find in QRZ LogBook API

QRZ Logbook API

API Key: XXXXXXXXXXXXXXXXXXXX

Note: This key allows full read/write access to this logbook. Treat it as you would any other password.

Need Help? Check out our [QRZ Logbook API Developer Guide](#)

Click (Show to view your personal code and paste into Logbook KEY)

QRZ Manual XML Lookup QRZ Logbook QRZ WebSite QRZ Setup

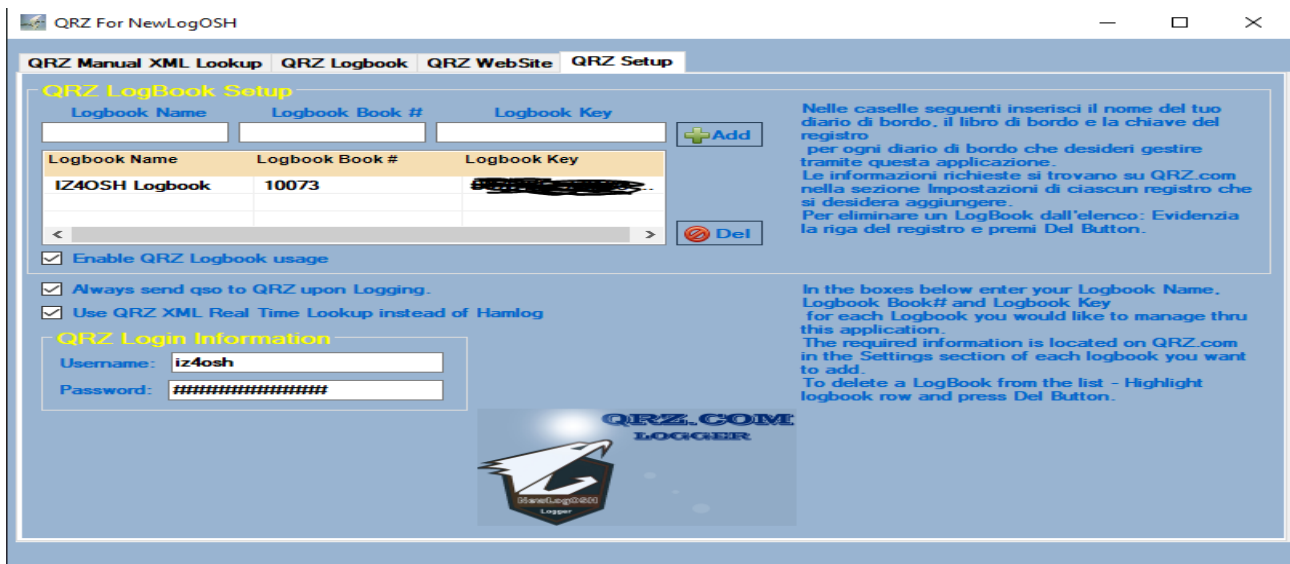
QRZ LogBook Setup

Logbook Name	Logbook Book #	Logbook Key
<input type="text"/>	<input type="text"/>	<input type="text"/>

Logbook Name	Logbook ID	Logbook Key

Nelle caselle seguenti inserisci il nome del tuo diario di bordo, il libro di bordo e la chiave del registro per ogni diario di bordo che desideri gestire tramite questa applicazione. Le informazioni richieste si trovano su QRZ.com nella sezione Impostazioni di ciascun registro che si desidera aggiungere. Per eliminare un LogBook dall'elenco: Evidenzia la riga del registro e premi Del Button.

Now that the three boxes are filled in, click on the (Add) button in this way the data will be entered into the database.



In the boxes (Username and Password enter your qrz.com login credentials)

Now close the form, close NewLogOSH and restart the program.

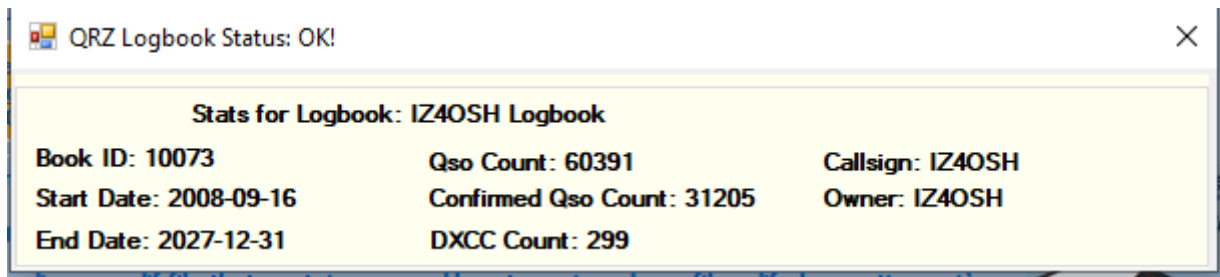
If your information was spelled correctly, reopen the program and open qrz

You need to activate the qrz Logbook click (Active Logbook)



Wait (2 seconds, then click (View LogBook Status))

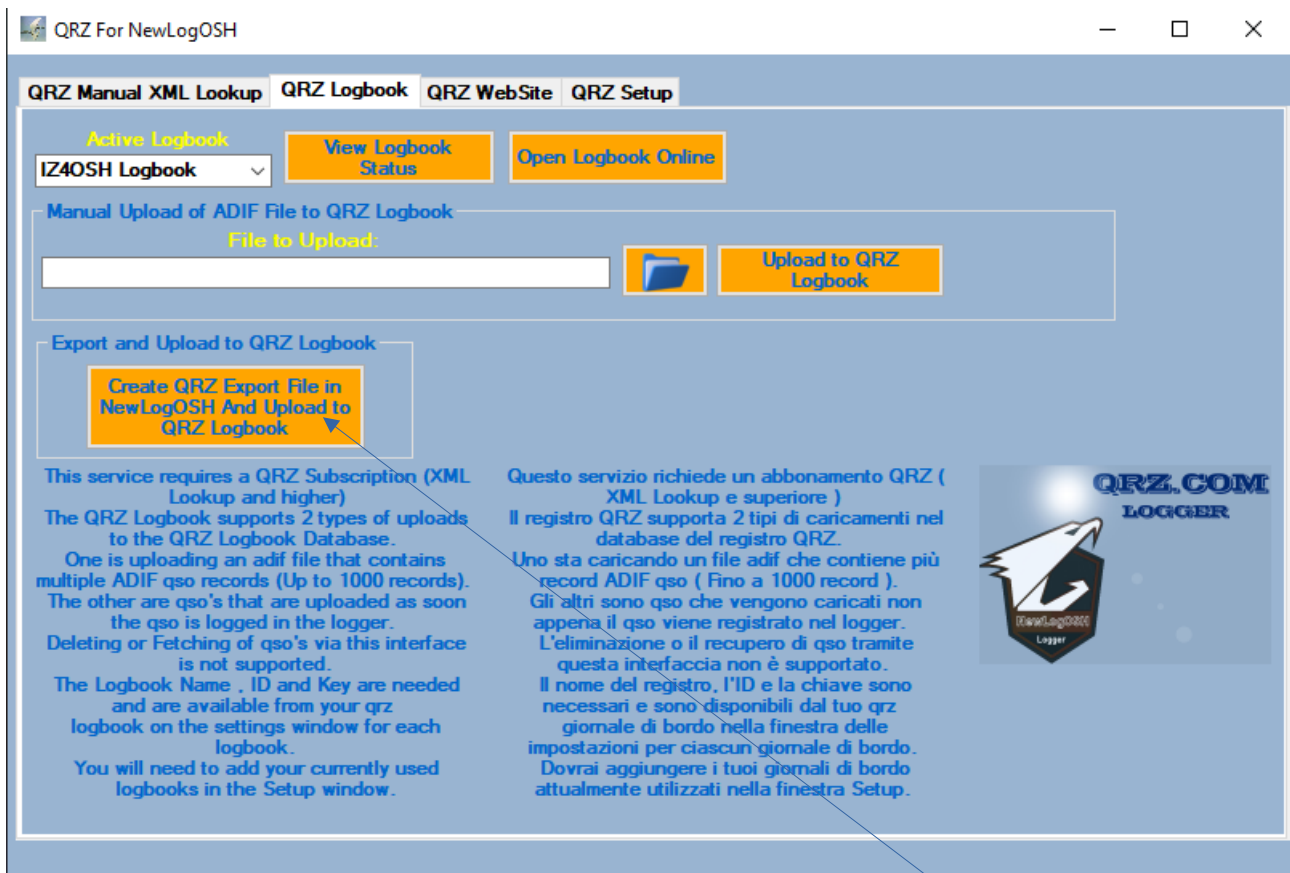
(Sometimes QRZ takes about ten seconds to send your data to NewLogOSH, at this point I recommend closing the program and restarting it. When everything is successful, the status of the Qrz LogBook appears like this)



QSOs UPLOAD PROCESS

When making a QSO in FT, Cw, Rtty, SSB, Psk etc

this registers a QSOs the program automatically adds a tick (Y) inside the database this means that the registered contact is ready to be sent to the QRZ LogBook. Let's see how:



To automatically send the records (click : Create QRZ EXPORT FILE IN NewLogOSH And Upload to QRZ LogBook)

By executing this process the program will view how many records must be sent to QRZ, if one or more of these records are already

present in QRZ these records will not be sent (This happens because a cross-check is performed in real time) at the end of the process sending a box will open (View Results)



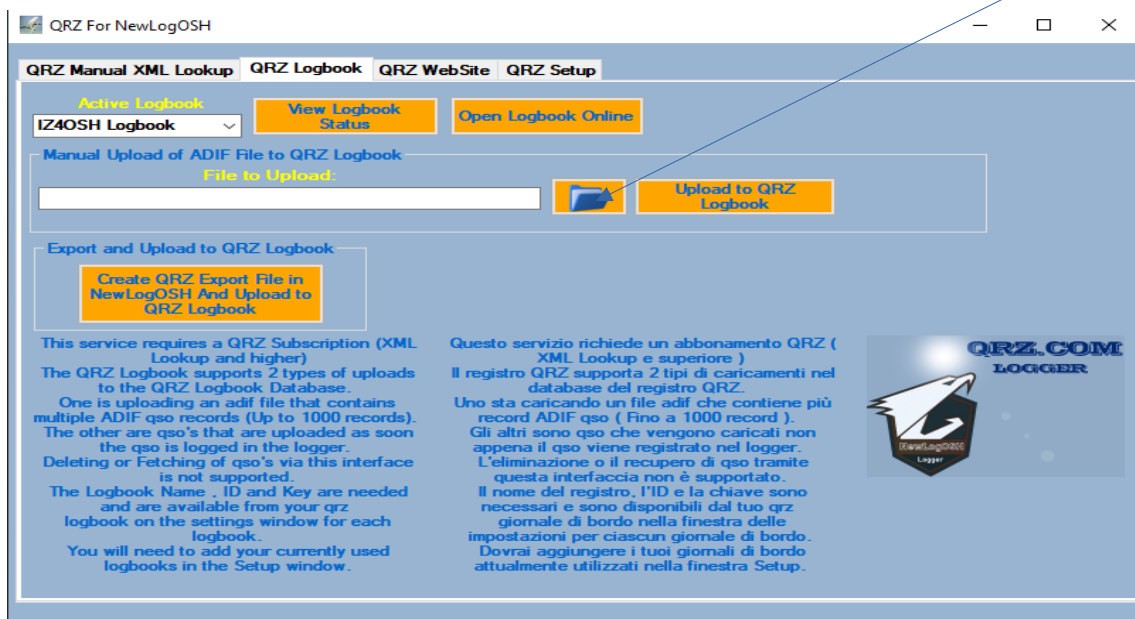
Click on the button to view the number of records sent

Manual Upload Process

In some cases it is necessary to send a certain number of records, for example executed years ago, proceed as follows:

Open the logger in NewLogOSH, select the QSOs you need to send and from the top menu LogOptions click (Export Selected QSOs) Save the export file on the Desktop. Now Open QRZ

Open the path where the ADI file created by this button is located



After you have selected the Path click Upload QRZ LogBook

At this point the QSOs will be sent successfully.

NB: I recommend saving the ADI file in the directory where the program was installed, inside there is a directory already created (QRZ Report)

If for any reason while sending the QSOs the PC should be switched off no problem inside the program installation directory it is found in the ADI file created by the program which is called: (QRZLogbook) in this file you will see the records sent.

The process explained for the Qrz module is the same that is used for the Lotw module.

PROGRAM UPDATE

To the web page : <https://newlogosh logger .com/>

In the Download section there is a button that allows you to update future Bulits.

1 Download the update

2 Run the installation in the same directory where the NewLogOSH_full Install program was previously installed.

With this process you don't need to rewrite your data and settings etc.

(In the directory where the program was installed there are two important files that you need to make a copy for greater security, (newlog.db and settings) by saving these two files on the desktop, if something goes wrong you are sure of being able to recover the log and the settings performed previously).

NEW SUMMARY QSOs, DXCC Awards



To open the summary with details, open the Logger at the top is the command to start the program.

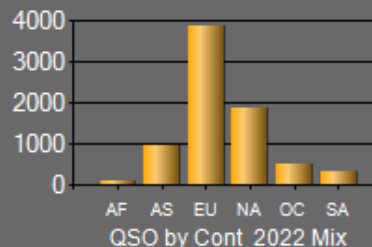
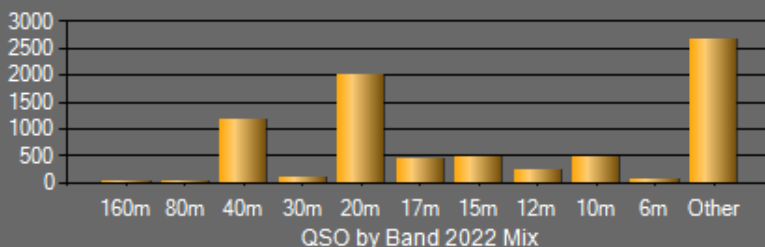
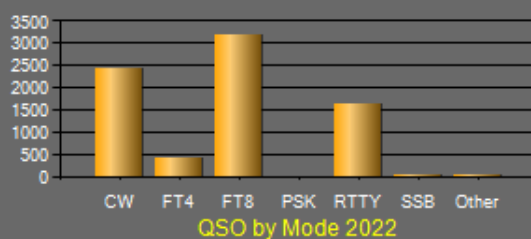
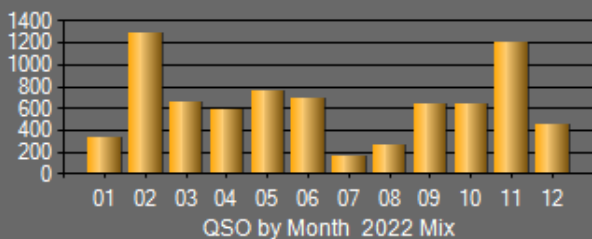
When the program opens, select your ADI file from the File menu for its analysis, when requested for the first time it will ask for it twice then subsequently the program will close automatically to record the Path of the file that has been selected.

Now you can start the table of contents and you will see it like this.

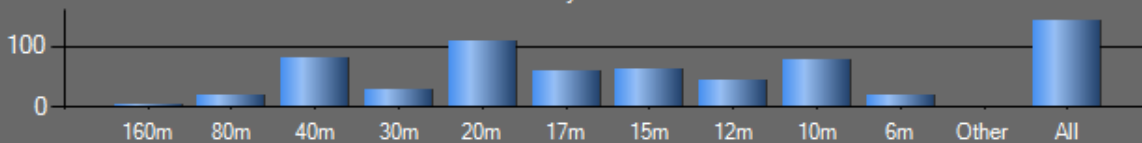
2022 Mix

<NewLogOSH > I'm reading the ADI file.....>

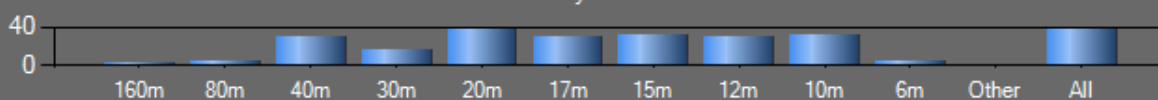
2022 Mix	160m	80m	40m	30m	20m	17m	15m	12m	10m	6m	Other	All
QSO	3	47	1157	104	2014	456	483	221	485	51	2646	5021
DXCC	2	19	82	29	109	59	61	45	78	18	0	143
WAZ	2	4	30	16	38	30	32	29	32	5	0	38
WAS	0	0	34	5	47	32	28	26	29	0	0	49
WAC	1	1	6	6	6	6	6	6	6	2	0	6



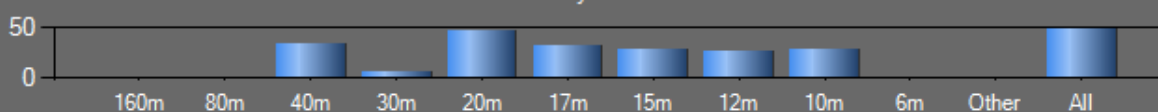
DXCC worked in this year 2022 mode:Mix



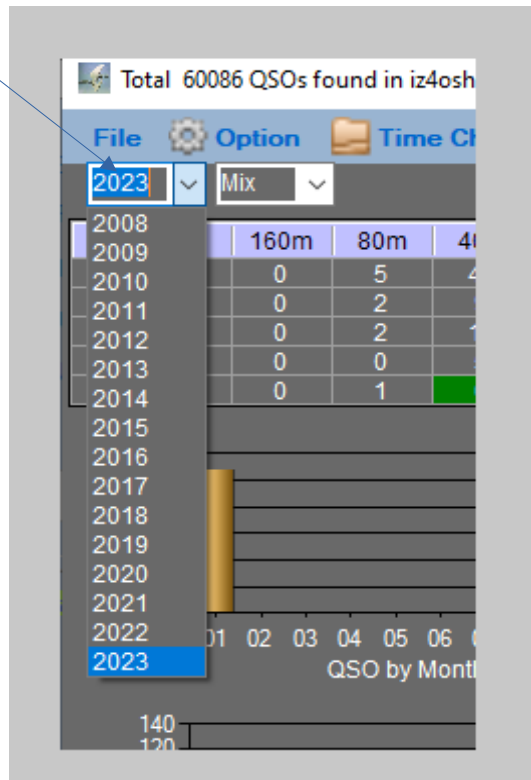
WAZ worked in this year 2022 mode:Mix



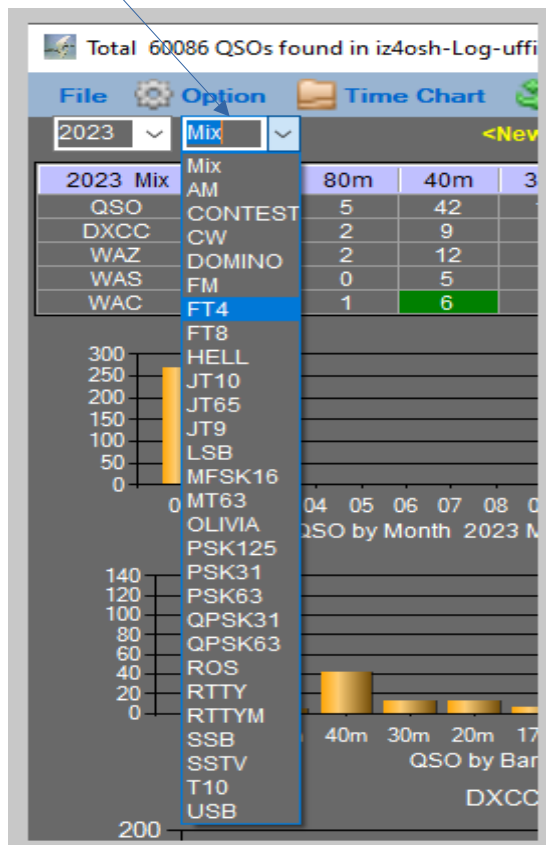
WAS worked in this year 2022 mode:Mix



Select the year you want to view from the highlighted menu



Select the operating mode you want to inspect



At this point the program will autonomously carry out an analysis of the log adi that has been selected, highlighting the trend with the graphs.

From the Time Award Summary it will be possible to view the entire trend of the worked and confirmed DXCC.

DXCC all time			Worked	Confirmed	DXCC all time			Worked	Confirmed
DXCC_Mix			298	246	FT4			106	92
DXCC_CW			281	219	FT8			192	172
DXCC_Digital			227	198	FT4 & FT8			194	173
DXCC_Phone			152	103	PSK			31	1
					RTTY			169	135

DXCC current			Worked	Confirmed	DXCC current			Worked	Confirmed
DXCC_Mix			298	246	FT4			106	92
DXCC_CW			281	219	FT8			192	172
DXCC_Digital			227	198	FT4 & FT8			194	173
DXCC_Phone			152	103	PSK			31	1
					RTTY			169	135

All time countries 402 Current countries 340
 Confirmed by QSL & LoTW Digital: FT4 & FT8 & PSK & RTTY & Other Phone: AM & FM & SSB

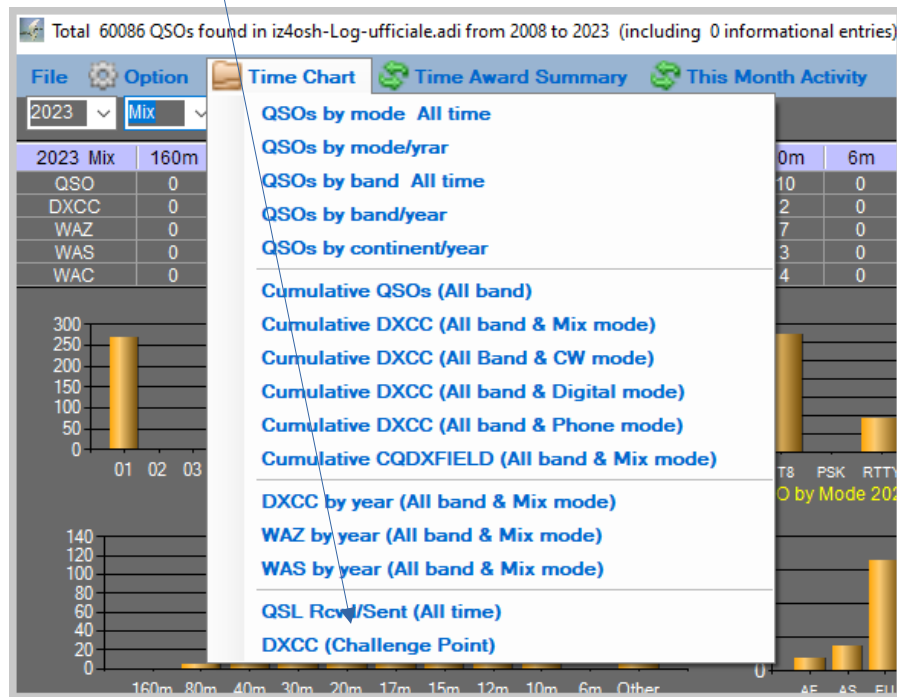
USACA			Worked	Confirmed	CQDXFIELD			Worked	Confirmed
Mix			967	711	Mix			10	10

Confirmed by QSL & eQSL Confirmed by QSL & eQSL. QSO since 1980

CQWPX			Worked	Confirmed	DXCC challenge			Worked	Confirmed
Mix			3574	2695	Total			1364	1060

Confirmed by QSL & LoTW & eQSL Confirmed by QSL & LoTW Current countries
Right click to show details

To activate the DXCC Challenge and view the details, click on the TIME CHART at the top and select from the menu (DXCC challenge Point)

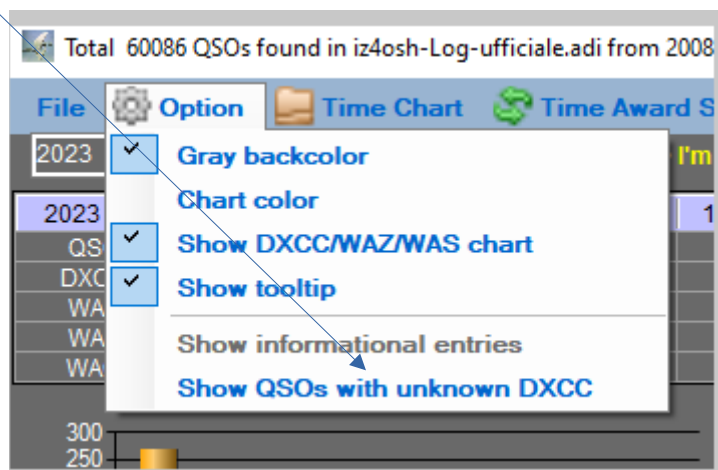


DXCC challenge Points on each band

Point	160m	80m	40m	30m	20m	17m	15m	12m	10m	6m
Worked	112	48	211	81	255	192	163	88	161	53
Confirmed	65	43	160	63	191	145	137	80	133	43

Hide

To view the errors present in the Log in the Options Menu select (Show QSOs with unknown DXCC)



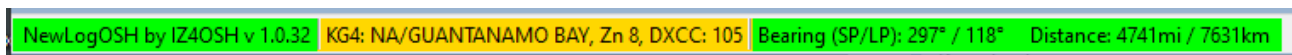
This information window will open:



Year-Month	Call	Mode	Band	DXCC
2009-11	KG4KGL	PSK31	40m	000
2009-12	KG4KGL	PSK31	40m	000
2009-12	KG4JYB	PSK31	40m	000
2010-01	IQ3GAI	CW	160m	000
2014-02	RM22MM	PSK31	40m	000
2014-02	RC22BN	PSK125	15m	000
2014-03	RO22AU	SSB	10m	000
2014-03	TX6G	CW	10m	000
2014-03	R2014I	CW	20m	000

As you can see, in the image above, an identification number (DXCC) is missing from the contacts. To fix these records, open the Logger, search for the matches of the records listed here and enter the missing DXCC.

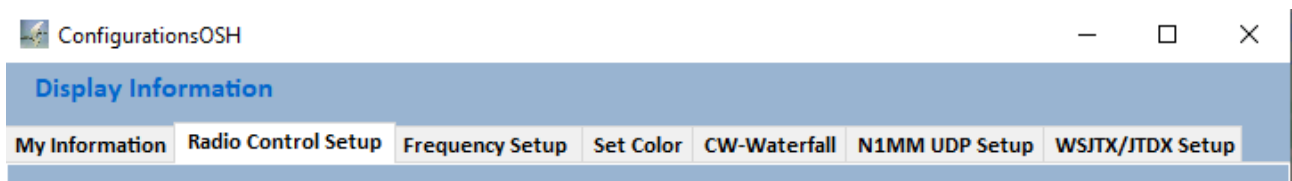
This problem can occur in cases where the dx station has never confirmed the qso, or it could be a duplicate qso. To understand which dxcc belongs to a dx station, write the call from the NewLogOSH main panel and run the LookUp, at this point on the lower bar you can view the dxcc number that will be written inside the logger and saved.



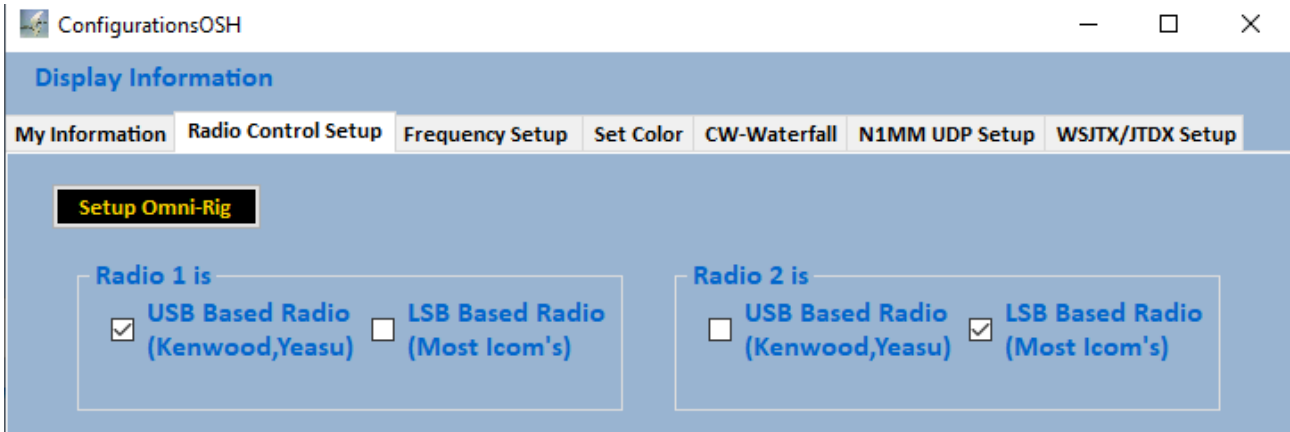
DXCC extension

From version 10.043.0 a few things have changed, the computerized panel is now inside the setup menu.

Setup window:



here you will find most of the settings of the programme



Radio Versus Setup

The old generation radios use a different protocol than the more recent ones, sometimes it can happen that going in Rtty or Cw mode these two modes RTX sees them as WC-R or PARTY-R by checking one of the above boxes RTX when toggle the mode will do it right.

Frequency Setup

Reload Band/Modes List Export Band/Modes List

Limiti di Banda

	Band	Mode	LowFreq	HighFreq	Report	RadioMode
▶	70	FM	442000	450000	59	FM
	70	SSB	435000	438000	59	USB
	70	FT8	432174	432177	599	USB
	70	FT4	432065	432070	599	USB
	70	CW	432000	432125	599	CW
	2	FT8	144174	144177	599	USB
	2	FT4	144170	144173	599	USB
	2	SSB	144100	144300	59	USB
	2	CW	144000	144100	599	CW
	4	SSB	70150	70250	59	USB

Band Mode Low Frequency High Frequency Report Radio Mode

70 FM 442000 450000 59 FM Save Delete Add New

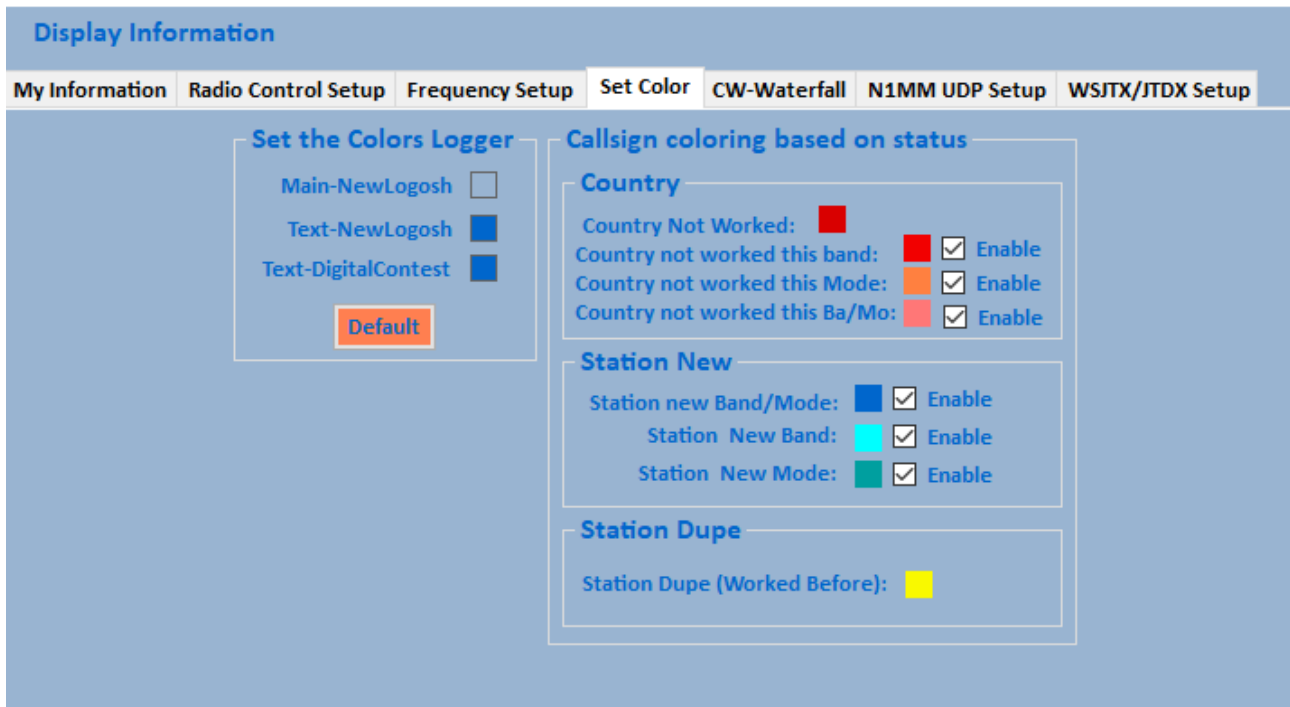
The frequency panel is used to determine the bandwidth that a transmission should occupy in a given operating mode. Let's take the FT mode as an example, in the bands established by the Band Plane example: (20m, 14074.0 FT8 mode) here it will be enough to insert the lowest and the highest frequency in the table, in this case it will be 14.074.0 in both cases, what does it mean? It means that when you go to turn the VFO of your RTX as soon as you arrive in that portion of the band your RTX will switch to digital mode ft8 or USB, in the main panel of NewLogOSH you will notice that the program is already set up for this operation and NewLogOSH is only waiting for you go to the DigitalWays menu to start the Ruter ft.

ATTENTION

if we are trying to connect a dxSpedition in FT modes, in this case it will be necessary to insert the example sample frequency (14.090.0) + the split that dxSpeditions normally use, in this case it will be necessary to write in the higher frequency (14.093.0). In this case the dxSpeditions operating in F/H many times when hooking up a station can split it even at the menu of one kilocycle therefore the correct entry of the sample frequency will be: (14.089.0-14.093.0). If this step is not performed, your RTX could change the emission mode when it switches to split at the time of transmission. The above description applies to all operating modes.

After configuring the frequency table, it will be possible to save it in your archive.

COLOR SET



1. Here you can customize the colors of NewLogOSH, Telnet, These are the colors that determine which stations are already registered in the database etc. choosing a certain color for a dxcc, as soon as it appears on the cluster or you write the call on the main panel, it will show you the status of that area. (More details can be viewed by opening the DxccLookup).

DXCCLookup for Logger NewLogOSH

WESTERN KIRIBATI - 0

Mode	160M	80M	60M	40M	30M	20M	17M	15M	12M	10M	6M	2M	70CM
AM													
CONTESTI													
CW	X	X		X		X	X	X					
DOMINO													
FM													
FT4						X							
FT8							X						
HELL													
JT10													
JT65											X		
JT9													
MFSK													
MFSK16													
MT63													
OLIVIA													
PSK													
PSK125													
PSK31						X							
PSK63													
QPSK31													
QPSK63													
ROS													
RTTY				X		X		X					
RTTYM													
SSB						X							
SSTV													
T10													

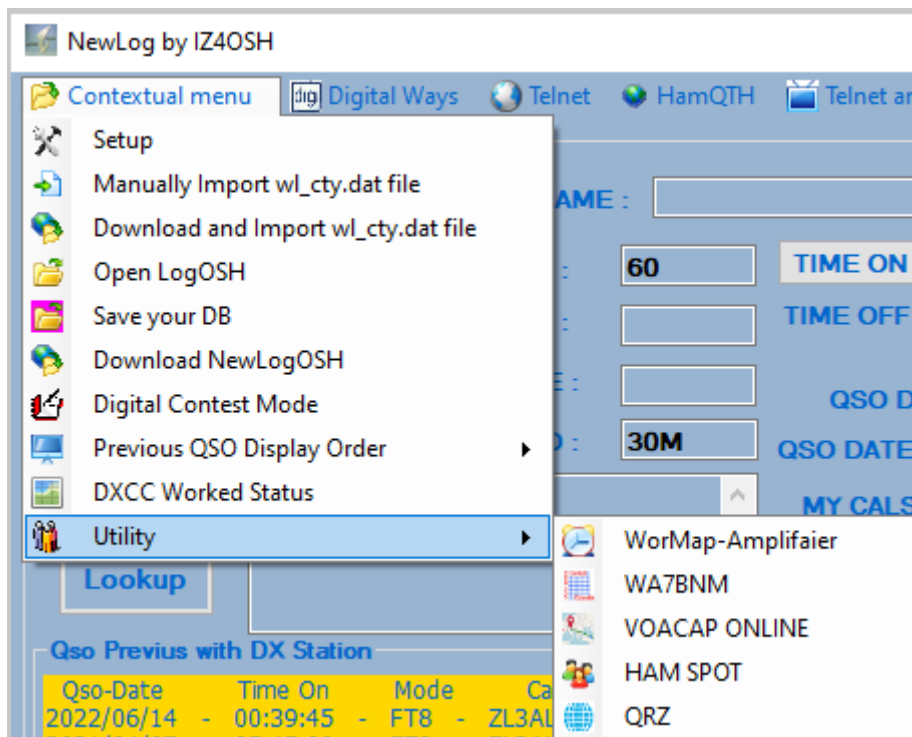
This function is activated from the contextual menu, subsequently clicking on a Telnet call or writing a call on the Main of NewLogOSH, the DxccLookup panel will populate and show in which bands that particular Dxcc has been connected. Clicking on one of the X's will show you the complete list of connected stations that are part of that dxcc.

Gso_Date	Time On	Callsign	Mode	Band	Frequency
20100102	001025	ZL2RS	CW	40M	7.005000
20100102	001000	ZL2RS	CW	40M	7.032140
20181104	073103	ZL3RN	CW	40M	7.030110
20181124	185010	ZM4T	CW	40M	7.050100
20181127	175627	ZL/DL1MGB	CW	40M	7.025500
20181216	072327	ZL3JT	CW	40M	7.021000
20181216	073655	ZL2BCO	CW	40M	7.021000
20181124	185000	ZM4T	CW	40M	7.047000
20181127	175600	ZL/DL1MGB	CW	40M	7.018030
20181216	072300	ZL3JT	CW	40M	7.021000
20181216	073600	ZL2BCO	CW	40M	7.021000
20190309	191624	ZL4IR	CW	40M	7.020000
20190526	083608	ZL2AGY	CW	40M	7.038670
20190810	024703	ZL2X	CW	40M	7.023500
20191012	182046	ZL3VZ	CW	40M	7.029440
20191012	182702	ZL3PAH	CW	40M	7.029440
20191012	194556	ZL4YY	CW	40M	7.012000
20191103	000420	ZL4NR	CW	40M	7.029000
20191103	001429	ZL4YY	CW	40M	7.029000
20191117	070247	ZL1BQD	CW	40M	7.024000
20191123	044008	ZL2IFB	CW	40M	7.040990
20191124	064326	ZL3RIK	CW	40M	7.052290
20190224	060941	ZL6HQ	CW	40M	7.049095
20190224	062009	ZL2UO	CW	40M	7.049095
20201128	131303	ZM1M	CW	40M	7.046000
20201129	061023	ZL10GX	CW	40M	7.041990
20210418	051428	ZL3P	CW	40M	7.015770
20210529	103337	ZL2OK	CW	40M	7.015000
20211128	062435	ZM1A	CW	40M	7.029050

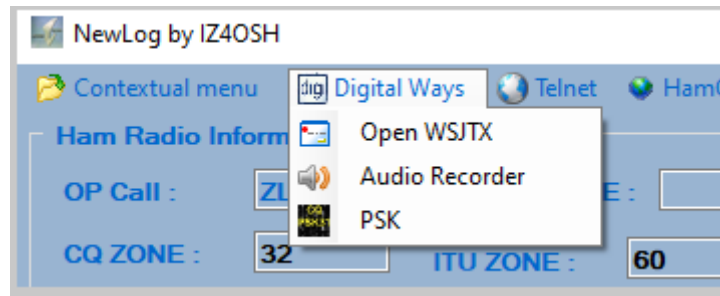
Mode	160M	80M	60M	40M	30M	20M	17M	15M	12M	10M	6M	2M	70CM
AM													
CONTESTI													
CW	X			X	X	X	X	X	X	X			
DOMINO													
FM													
FT4						X							
FT8				X	X	X	X	X	X	X			
HELL													
JT10													
JT65				X		X							
JT9				X									
MFSK													
MFSK16													
MT63													
OLIVIA													
PSK													
PSK125													
PSK31				X	X	X							
PSK63					X	X		X					
QPSK31													
QPSK63													
ROS													
RTTY				X		X		X					
RTTYM													
SSB						X							
SSTV													
T10													

In the above case this is the state of the dxcc170 40m CW.

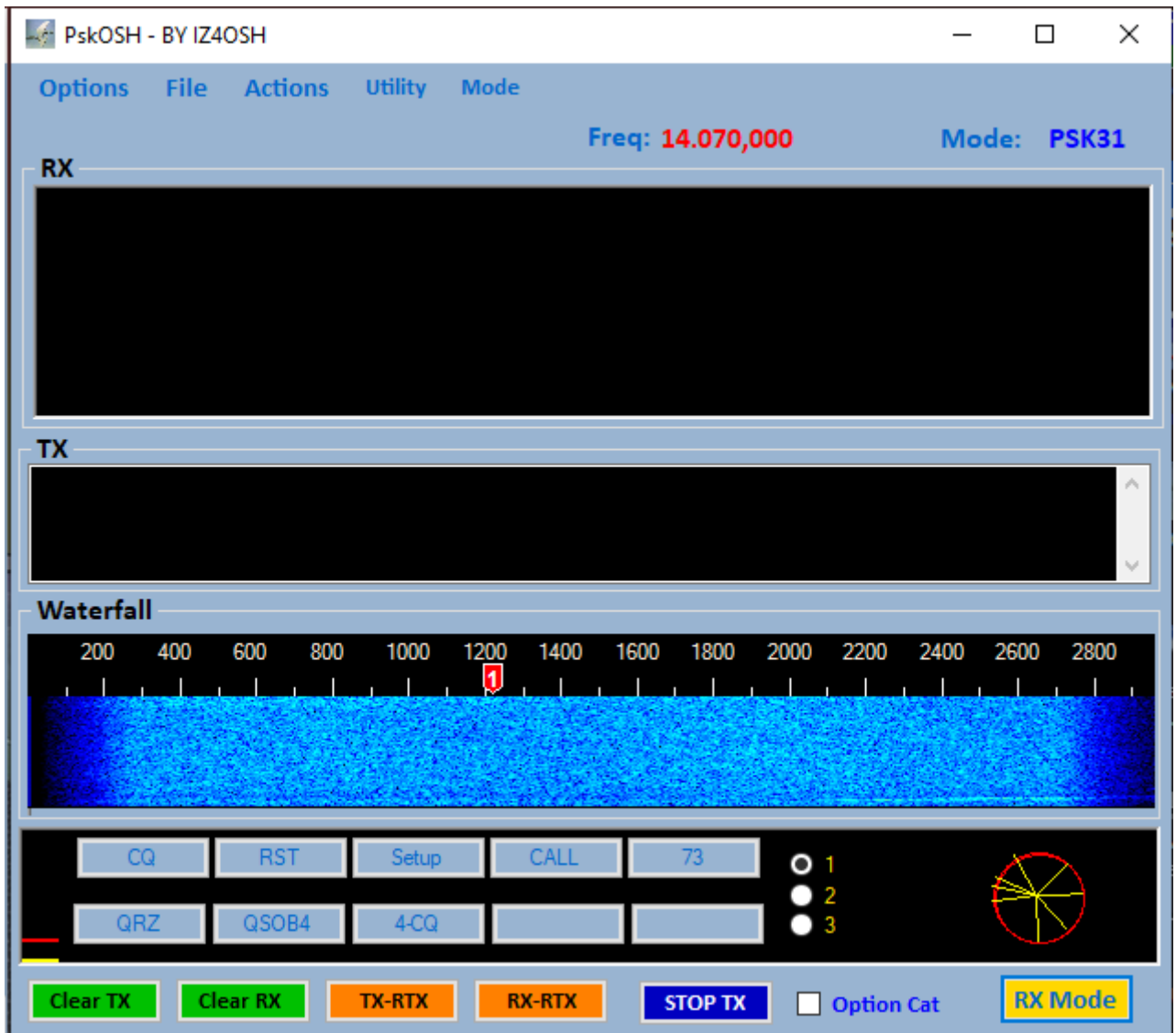
Inside the Contextual Menu is now the Utility Menu



digital ways



Added PSK mode

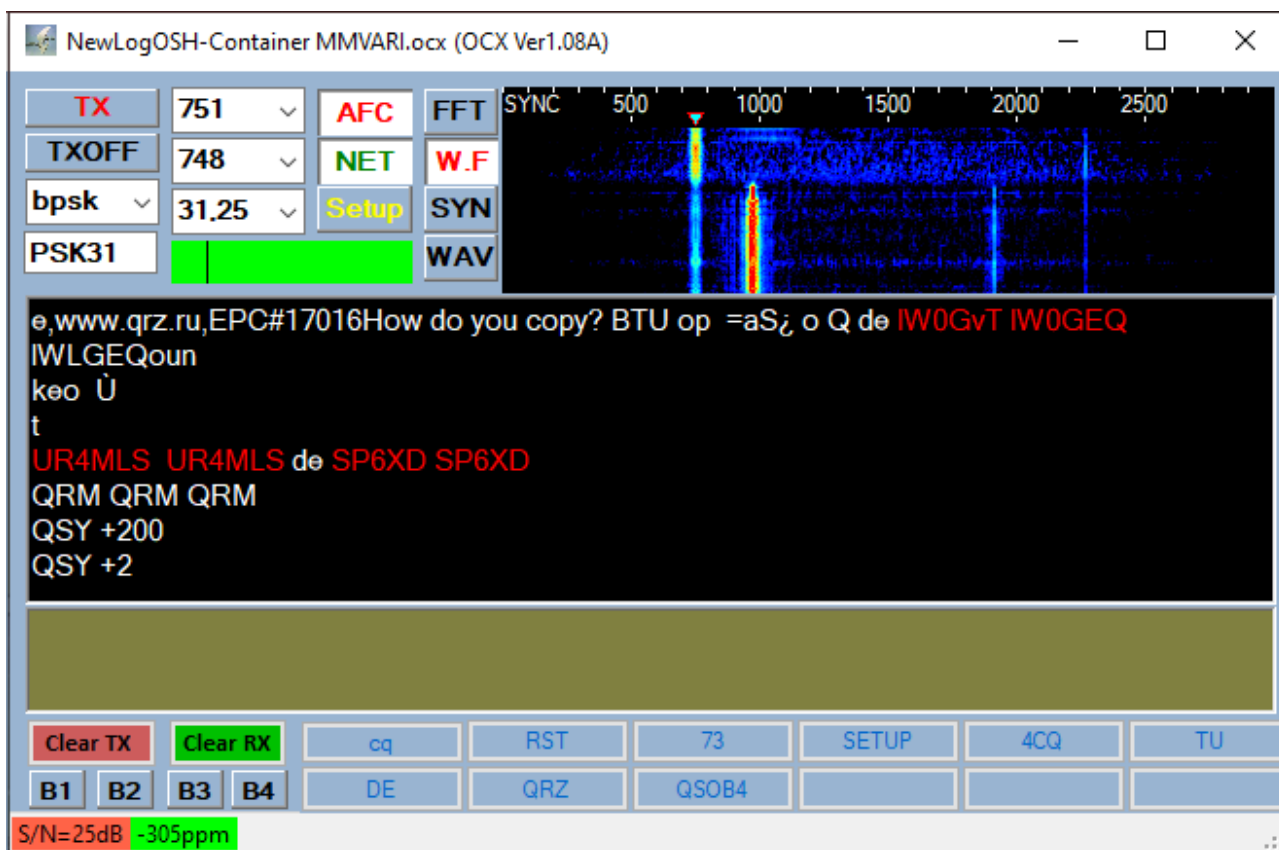


When you click on a call, the NewLogOSH main panel will populate and show real-time DX station data. NB: always make sure that the RTX focus is active before recording a QSOs, if the focus is not active it will record the QSO without the working frequency and therefore it will not be possible to send the record to LoTw, Qrz, Eqsl.



Focus On Focus Off

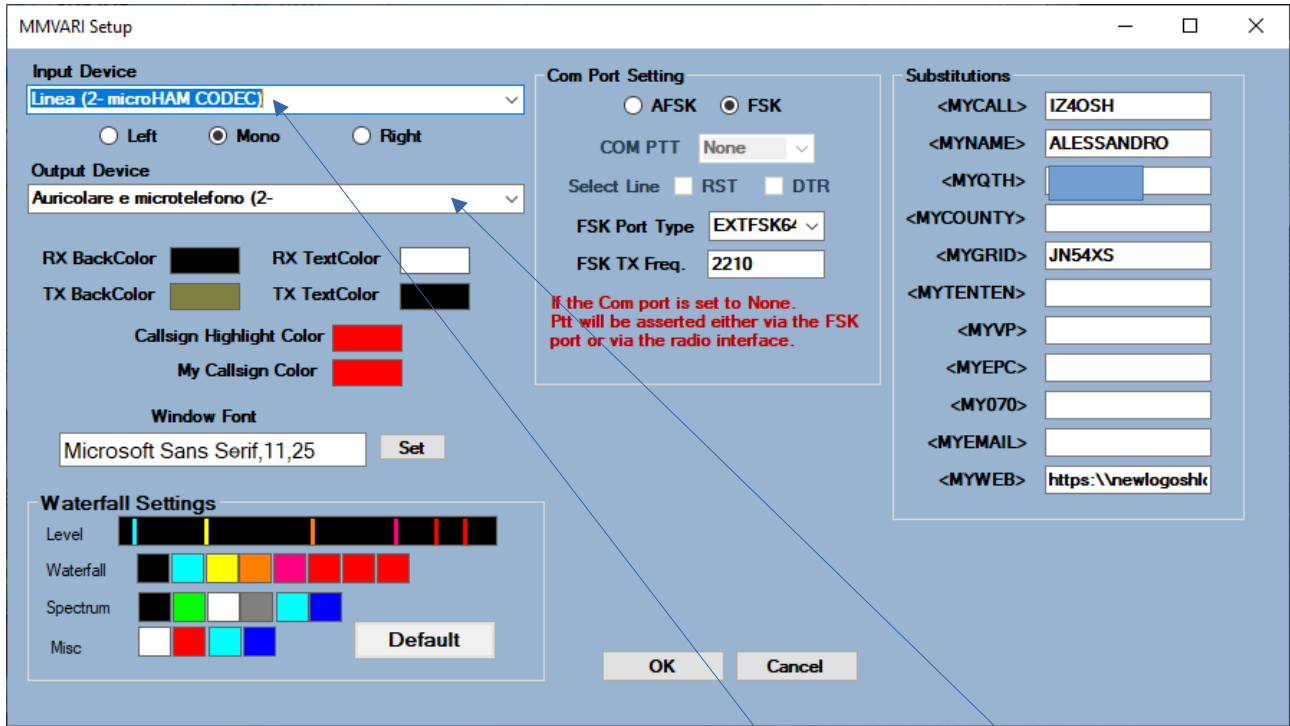
MODULE mmvari



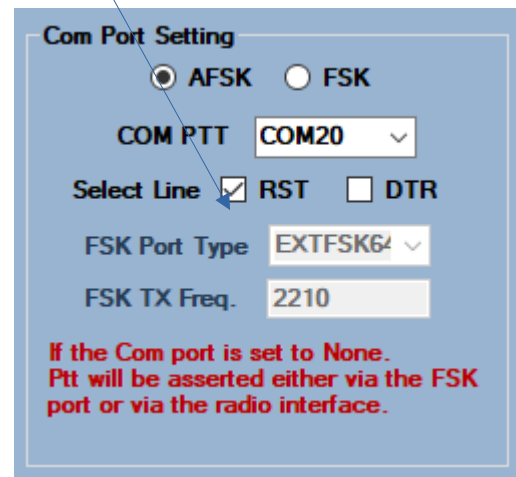
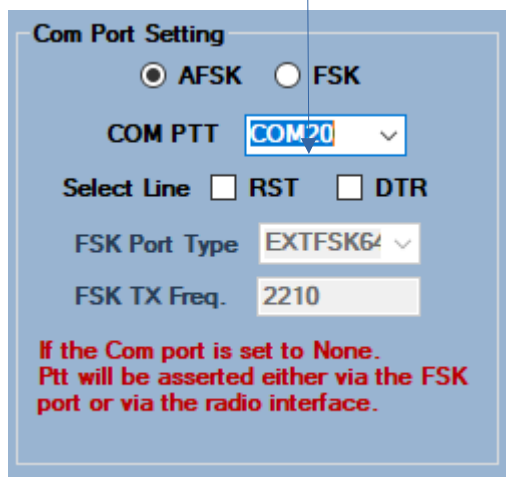
Mmvari module reprogrammed in all its functions, therefore largely revised. The emission modes are: Bpsk31, Psk62, PSK125, PSK250, RTTY_L, RTTY_U, MFSK4_L MFSK4_U, QPSK31_L, QPSK31_U, GMSK31, FSK31, FSK31_W.

To make this module operational, click on the (SETUP) button at the top

The configuration form will open



In this module the Audio input and audio output channels are selected
The PTT COM port and RST or DTR line must be selected for PSK operation

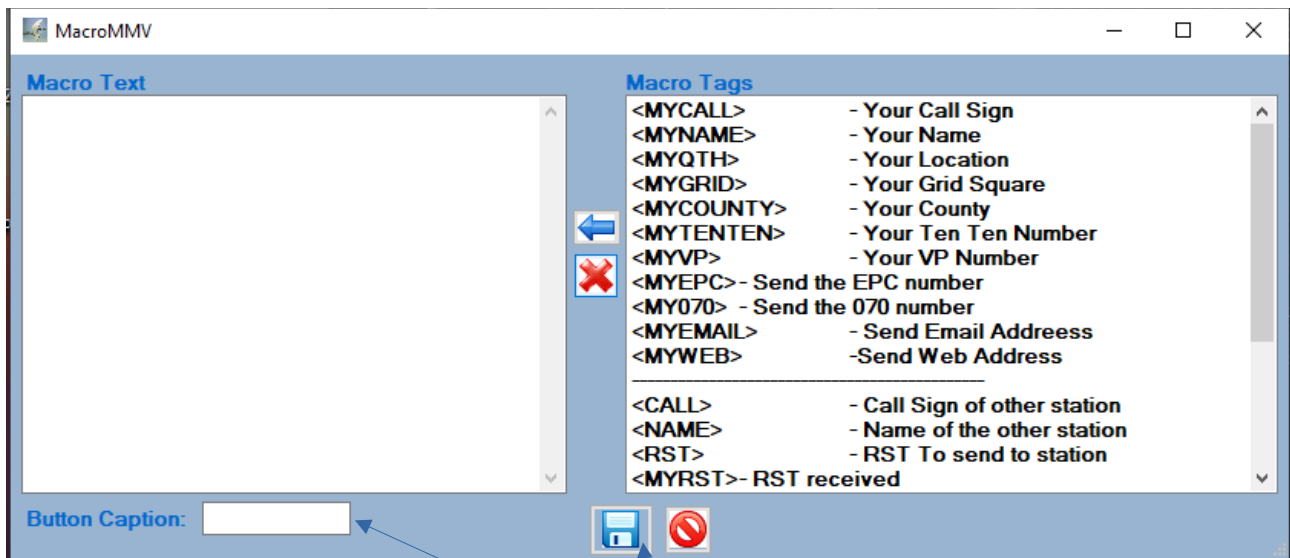


To configure RTTY AFSK mode then run RTTY in USB or LSB modes perform the AFSK configuration described above.
Note: running Rtty ssb way is not like running Rtty FSK by ear you don't notice much, but over long distances the

difference is very noticeable, so I suggest always use FSK whenever possible.

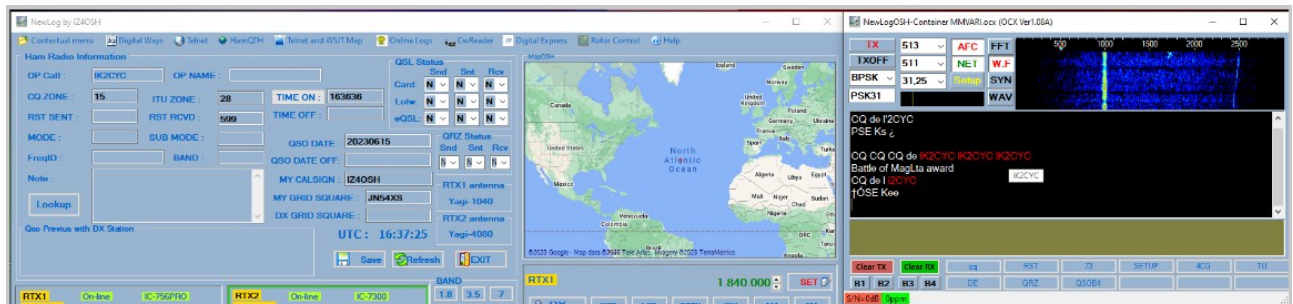
The substitutions table will contain the information needed to compile the macro instructions.

Compilation of Macros



From the main MMVARI panel, click the right mouse button on the macros corresponding to the button you want to configure, the macro form will open, when you have finished entering the data necessary for sending and the header which must have the click save button

When you click on a CALL from the MMV RX window, the call will be sent to Main. Make sure you have active focus, at this point finished the QSOs you can record the qso by clicking SAVE



NB: if data such as band frequency etc. are missing after registration, it means that the focus on the configured Rtx was not active.

I want to thank

Rick N2amg, Tom N1mm, Alex VA3NEA, Aki Ja1nlx, Jeff N7YG

73 ALE IZ4OSH