

WLOG2000

PROFESSIONAL AMATEUR RADIO LOG FOR OM CB SWL BCL

Program © Franco [HB9OAB] 1999/2024

Thanks to Davide [DaVeGraphix] for the initial programming support

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FORUM <https://groups.io/g/Wlog2000>

First version date: 05/30/2000 last update 14/03/2024 14:50

Automatic UPDATE pdf date: 14 marzo 2024



PREMISE:

WLOG2000 absolutely does not want to claim to be an exceptional program, but during its programming, all the main requests and needs felt in recent years regarding LOG and DATABASE for amateur radio OM CB SWL BCL were taken into account.

TO TRANSLATE THIS MANUAL USE AN ONLINE PDF TRANSLATOR

ATTENTION: *using the automatic corrector, several spaces or words are not correctly translated. Refer to the Italian version first, for a better description of the commands!*

CONFIGURATION: WINDOWS 95/98/2000//7/8/10/11 32/64Bit and WIN11 64bit, Pentium Processor (from P200MMX to the latest very fast I9 XEON AMD CPUs...) recommended with HD/SSD.

WLOG2000 without LOG data takes up little space and SSD support is highly recommended to speed it up but also for everything else in use on your computer, while 100,000 complete QSOs take up ~17MB open... while zipped in ZIP format only ~4MB, i.e. very little !

LANGUAGE: WLOG2000 is in "plain English" with all commands simplified and made radio-friendly understandable for any language!

Wlog2000 © WlogTeam by HB9oab Franco Borsa 1999-2023

Evidently, we decline any responsibility for the loss of your data or for incorrect or destructive interventions that WLOG2000 could unintentionally cause to your computer system and respective data, as well as for possible defects or programming errors that have yet to be resolved and which can be corrected and fixed or implemented in future releases. Wlog2000 does not use cookies or other tracking systems.

INSTALLATION OF THE WLOG2000 PROGRAM:

The installation is very simple and automatic but very important!

Wlog2000 works with all Windows platforms (from Windows98 to the latest available version Windows 11), so you must also install the packages relating to the first versions of Windows which may no longer be supported in recent versions or vice versa, not present in recent ones.

Here is the simplified procedure for a NEW installation:

- Download from www.wlog2000.com the following 4 packages needed:

DISK 1	-1.2 MB - Microsoft orig. update Dcom98_____ (Microsoft original)
DISK 2	5.2 MB - Microsoft orig. update Mdac_Typ 2.7_____ (Microsoft original)
DISK 3	3.5 MB - Microsoft orig. update Jet40SP3e_____ (Microsoft original)
DISK 4	THE WLOG2000 PROGRAM

- Now start DISK1 then DISK2 then DISK3 and finally DISK4. It would be useful to restart the PC after each DISK, but not essential on the latest versions of Windows.

ATTENTION: a NON response from the installation or a possible error warning as "unable to install" or "not necessary" etc..., of DISK 1-2-3 means that your system is updated or already contains updated DLL/OCX packages necessary for your WINDOWS.

*****DISK 1-2-3 are ORIGINAL MICROSOFT packages! *****

THEY ARE HOWEVER ESSENTIAL AND MUST BE INSTALLED

WLOG2000 Update:

To update, i.e. if you have already installed a previous version (greater than version 3.xx), simply download the update and install it over the previous one. This does not change your configuration but it is always better to do a security BACKUP of your WLOG2000 first, you never know what can happen.

IT IS RECOMMENDED TO READ THE HISTORY.TXT FILE WITH ALL THE NEW CHANGES INSERTED IN THE PROGRAM AND MAYBE NOT AVAILABLE AS AN EXPLANATION IN THIS MANUAL! THEN ALSO READ THE WHOLE HISTORY.TXT FROM THE MENU “?”

UPDATE with previous version installed:

- download WLOG2000 update Vxx.xx from www.wlog2000.com
- make a BACKUP of your data or the c:/wlog2000 directory
- install the UPDATE setup which updates the necessary

Versions earlier or lower than v3.xx must be installed individually and the updates are not compatible and therefore you will have to install the complete v3.xx package!

ONLY from the major version to v3.xx it is possible to only update.

In fact, from version v3.xx many changes were no longer supported in the management of WLOG2000 2.xx.

Therefore, after having made a security BACKUP of your data or of the complete c:/wlog2000 directory, you can proceed with an UPDATE or a new reinstallation.

We are always available to help you find the best solution for your system and you can contact us at

the following email: support@wlog2000.com

INSTRUCTIONS FOR USE WLOG2000 WINDOWS

Wlog2000 - HAM RADIO DATABASE v0.0 1999/2000

File Database Backup Config Windows Packet Radio 2

Call: HB9OAB RstTx: 59 +NrTx: SpTx: Band: 50
Name: FRANCO RstRx: 59 +NrRx: SpRx: Mode: SSB
Qth: Time: 09:27:37 Data: 27/02/2000 Sqr: JN46ME QsoNr: 20
Text: QSLManager: QSLPrnt: QSLSnd: QSLRxc: QSLVia: HOME

FASTINPUT F10 - SAVE

LOCAL TIME: 18:38:16
UTC TIME / Z: 09:28:16
27/02/2000

Call	Name	Locator	QTH	TDate	Mode	Banda	RST	NRr	Special	RST	NRr	Special	S	P	R	ID	QSO
TR4RT				24.2.2000	21:16:09	SSB	50	59		59			N	Y	N		19
HJ6ZU				24.2.2000	21:16:03	SSB	50	59		59			N	Y	N		18
HB9OAB				24.2.2000	20:55:00	SSB	50	59		59			N	Y	N		17
HB9QAR				24.2.2000	20:55:00	SSB	50	59		59			N	Y	N		16

QSO's: HB9OAB 2/2400 8:55 SSB 50 N Y N 17
HB9OAB 2/2400 8:55 SSB 50 N Y N 16

CH: A <18 3.5 7.0 10 14 18 21 24 28 50 144> TCP

2104Z CE9/R3CA 14260.0 de: IK5IYY qsl = ua9oba
2102Z CQ00DX 3797.0 de: SP3HLM-1 Qrz...
2103Z OZ/DK1BT 3555.0 de: HB9TBQ Manfred in Island Tun
2103Z UE4HMT DbClick in QRG/CALL, 7 de: DL9RNO via RW4HT
2103Z PA3CWN 144280.0 de: HB9RDE Gene 51-4 J032ah
2104Z DK2000 3520.4 de: DL3AP0 S-DOK: DL2000
2105Z HB9RDE 144280.0 de: PA3CWN J033ah<5/7-9>JN371i h
2102Z C6ANI 21289.7 de: N6HY ric
To ALL de DL9JON <1341Z> : who is the rtty on 14100 beacon frequency ?

cmd: DX TK AN X
1 2 3 4 5 P

LOG WINDOW

AWARDS / TIME

FASTINPUT

LIST LAST
SAVED QSO'S

OLD QSO'S
WITH CALLSIGN

PACKET/TCP

STATS

Map World info - Wlog2000

Design and calcs by hb9oab@amsat.org

QSO INFO

DXC: TR WAC: AF COUNTRY: Gabon
ITU: 52 WAZ: 36 TIME: (+) 10:44 QRB Km: 5033
WPX: TR8 SQR: JJ40 LOC: JJ40AW BEAM: 181
Call: TR8 LPath: 1
INFO: Franz Josef Land

GMT +/-: +3 X-LON: 39.4 E
QRB Km: 4778 Y-LAT: 90.0 N
BEAM: 1 SQR: KR99MA
LPath: 181 Prefix: R1FJ

MOUSE INFO
POINTER MAP

WORLD MAP
F12

MAP ZOOM F12

WAC ZOOM F11

For each discussion of various windows, images of them are presented at the beginning of the chapter to better understand where you are in the program and how and where to intervene quickly.

KEY-CUSTOMIZATION REGISTRATIONPLAN:

There are 2 registration KEYS. The first free one is automatic and downloaded with the software, limited in some basic options of WLOG2000 while allowing TEST use, the second paid one allows complete personalized access to the program. The request for WLOG2000 is totally individual and

presents this personalized protection with your name which will act as the key for use and consumption in various functions of the program itself as well as on your various printouts and also on packet radio traffic and for the various recognitions of the Dxcluster therein including talks and various announcements. It is therefore interesting to have the KEY with your personal data, also to allow you to enjoy all the functions of the program, to encourage programming and development work on updates and new improved versions.

Your personal KEY is indispensable and helpful to all distribution and the work of the WlogTeam.

DISTRIBUTION:

A sole distribution mandate is given to the COMPUTER MODEM CLUB (at the addresses below) which also reserves the advertising and promotion activity of the product, while there may be various REGULARLY PAID distribution points (Ham shops, Radio Mostre Mercato, Associations, Interest groups, private individuals, etc.) which always report to the main distributor of the CMC, who also draws up the UNIQUE list of KEYS for SUPPORT and News for users and the methods of contact described at the bottom, evidently preferring the E-mail system on the internet. If you want to become a WLOG2000 DISTRIBUTOR, request information.

HISTORY:

A working group already coordinated by me had begun at the beginning of 1997 with a project dedicated to a DOS application which unfortunately, due to various limitations, was unable to reach the first distributable beta both due to a long programming period but above all for the sudden and forced advent of 32bit programs, which would have overtaken their use indiscriminately in a short time and for other present and future WINDOWS applications.

In April 1999, after finishing the application with WLOG (DOS version), I decided to get busy myself since the big problem was the following:

- many programs out there
- many very valid programs for specific contests
- many programs, even excellent ones, lack a certain completeness
- excellent programs but only for VHF or only HF and not "multi-use" (CB SWL BCL OM)
- some versions of databases in circulation, although reliable, are difficult to use
- many great features in each of them but not always present in all
- often program made by PRACTITIONING AM RADIO NOT PROGRAMMERS
- often program made by NON-PRACTICING AMATEUR RADIO PROGRAMMERS
- many good versions work only in DOS
- many WIN32bit versions that are not very complete and very complicated or not versatile
- few existing easy versions are complete in their various parts
- there is often a lack of direct dialogue with the programmer etc...

Given these personal observations also due to the fact that I had identified my personal needs as non-indifferent radio needs, here is the result: WLOG2000

Reduced from old programming first with the VIC20 then C64 around 1980, then on the first Amigas from 1985 going from A1000 to A500 then A2000 and finally with a nice Amiga 68030, with applications then on the first APPLE (MAC), on the first PCs in DOS and finally the resolving power of WINDOWS with the first 2.x to 3.11 to the first 32bit WINDOWS95 and lastly NT and WINDOWS98, and finally with the expected WINDOWS2000 now with Windows 11 64Bit and excellent peripherals including incredibly fast CPU, RAM and SSD.

So, turn to the WINDOWS 32bit manuals and get going with the programming.

I decide to work on my own also because all contacts with "professional" programmers have been

rather difficult if not impossible for various reasons and above all due to their NOT practicing amateur radio and difficult to make people understand what a QRB, a QTF, a LOCATOR can be. without forgetting the unaffordable management costs for our hobby.

So by contacting mainly OM SWL BCL and CB "professional" radio amateurs in the sector to have the best radio details to include in the program, I started programming day and night, night and day and given the summer period of extended holidays upon us, I literally taken advantage of.

So in just a few weeks my first version of "WLOG2000" was born which in part includes the best features implemented in various other programs and having taken stock of the situation, in the space of two months (Wow!!) practically from scratch, the first BETA 1 RELEASE v0.01 of WLOG2000 which anticipates and solves all the database problems of the next millennium while for 3000... I'll think about it later.

The hours spent in front of the monitor, both at home and installing a work system for WLOG2000 even in the mountains where I take refuge during weekends and holidays, not to mention the sleepless nights and days upon days to find the best solution , they are unimaginable.

Let's start immediately given that WLOG2000 stands out for its enormous programming complexity but its completeness and above all its simplicity of use and consumption even for those less familiar with databases and logs as it does everything on its own at the push of a click with a click of the mouse or key of your choice!

INSTALLATION:

WLOG2000 does not require any particular installations other than (in the manual case):

1. create, insert a directory on your favorite HD (for example: C:\WLOG2000) and decompress the WLOG2000 files there
2. install the various libraries as per setup
3. simply start the WLOG2000.EXE (executable)
4. if any OCX or DLL is missing, simply insert it into the windows/system manually
WLOG2000 does not touch the register file or anything else win/system.ini, so if not used or simply deleted nothing active remains

Already from the installation you immediately understand how WLOG2000 is made simple and functional in all its construction aspects.

AUTOEXEC.BAT and CONFIG.SYS CONFIGURATIONS (for older systems)

We recommend, although not essential, but which at the same time improves the characteristics of your computer in all its areas, to insert these lines at the beginning of the

c:\config.sys and your c:\autoexec.bat.

However, be careful not to overdo the changes if you are not very experienced with configurations of this kind as they should be adapted to your needs and above all to the configuration of your personal system.

Configuration for older Windows systems

it is no longer necessary for windows 7-8-10-11

AUTOEXEC.BAT (for older systems)

lh c:\windows\smartdrv 2048 [This command increases disk access speeds
using a virtual RAM disk and you can also change 2048
for example with another larger number]

CONFIG.SYS (for older systems)

device=c:\windows\himem.sys	[These commands allow you to enable
devicehigh=c:\windows\emm386.exe noems	your computer's high memory e
dos=high,umb,auto	take advantage of the
commandDEVICEHIGH and fileshigh=30	(or even greater) LH to
ernexecutable ram and in buffershigh=30	(or even greater) case update your
correct path]	

These commands are not fully exploited only by WLOG2000 but improve the general characteristics of your computer, significantly improving it in all its applications. For example, by inserting a MENU command in CONFIG.SYS you can customize the startup for some particular applications that do not welcome these improvements and for this reason consult your WINDOWS/DOS manual and AUTOEXEC.BAT and CONFIG.SYS startup files. A classic example used in many computer applications that I have installed and which has never caused problems is the following (customizable as desired)

CONFIG.SYS (for older systems)

```
[menu]
menuitem=WIN, BOOT IN WINDOWS MODE (automatic in 3 seconds) menuitem=DOS, Start the
computer in simple DOS.
menudefault=WIN,3
menucolor=7.0
[WIN]
REM
[DOS]
REM
[common]
device=c:\windows\himem.sy
s
devicehigh=c:\windows\emm386.exenoems
dos=high,umb,auto
fileshigh=30
buffershigh=30
devicehigh=C:\SAMPLE.SYS /D:OEMCD001
device=C:\WINDOWS\COMMAND\display.sys con=(ega,,1)
Country=041,850,C:\WINDOWS\COMMAND\country.sys
```

AUTOEXEC.BAT (for older systems)

```
PATH C:\WINDOWS;C:\WINDOWS\COMMAND
REM LH C:\UTILITY\MOUSE (in case of inserting the mouse in
DOS) lh c:\windows\smartdrv 2048
if "%config%"=="WIN" goto
WIN if "%config%"=="DOS"
goto DOS
:WIN
win
:DOS
cls
mode with codepageprepare=((850) C:\WINDOWS\COMMAND\ega.cpi)
mode with codepage select=850
keyb sf,,C:\WINDOWS\COMMAND\keyboard.sys
---cut---
```

For old systems that's it, make a backup of your CONFIG and AUTOEXEC, replace them with this one and you will see how to intervene comfortably when starting your computer.

However, it is also important to modify the hidden file c:\MSDOS.SYS with an editor using the command [BootGUI=0] and be careful that c:\MSDOS.SYS is a hidden file and to modify it you will have to modify its attributes and then re-enable them at the end of the modification (operations recommended only for experts).

WLOG2000 CONFIG:

The first start of WLOG2000 takes us immediately to the configuration window as we notice the first commissioning.

The data in the config is very important, especially LOCATOR CALLSIGN NAME QTH etc... which we consider very simple to complete. There are also many options for the use of the packet radio, the DXCLuster, the info windows and for the various forced choices to be entered in the LOG window and in the "\AWARD" paths, however WLOG offers you a standard default solution which you can modify to pleasure but be careful not to do it after having entered the data, it would distort the statistics and "rebounding" the data to recreate them.

Complete the various choices as required and desired, then save everything for your personal default.

START WLOG2000:

When WLOG is started, after the information on the software version and name, the main screen appears which includes the following windows that can be managed as desired (ON/OFF) from the menu and with the Function keys (F5/F6):

MAIN WINDOWS FOR GENERAL USE AND CONSUMPTION:

LOG WINDOW	data input for the actual database
LIST WINDOW	list of last recorded connections OLDQSO
WINDOW	the QSOs made with the operator entered in
CALLSIGN PACKET WINDOW	for packet radio use
STATS WINDOW	to have the QSO statistics at hand quickly

PACKETSTATS WINDOW to have the statistical information of the DXCLuster
WINDOW MAP and PKT-MAP at hand QSO world map or PACKET info respectively

But let's look at them in detail:

MAIN MODE FOR OM

LOG WINDOW

The actual database where you can enter data, the heart of the program.

The fact of being able to write all the salient data for your QSO directly in a single window which automatically updates the record fields by recognizing the data is exceptional.

WE WILL BE ABLE TO WRITE ALL THE DATA DIRECTLY INTO THEIR FIELDS OR INDIVIDUALLY ALL FROM <FAST INPUT> WITHOUT MOVING A MILLIMETER!!!

Seeing is believing, here is the description of FAST INPUT. Once you get the hang of it you won't be able to do without it anymore, I assure you. The era of moving from FIELD to FIELD is over!

FASTINPUT CONTROLS

FAST INPUT AUTO & SWITCH

CALLSIGN

DIRECT or CTRL-ENTER

(to force it like [**]=characters-numbers-characters)
Write a NAME and press ENTER, FastInput automatically recognizes the name and directs it correctly to the CALL field.

To force a FastInput in CALL, for example to prevent it from being recognized as LOCATOR, which has priority for the form [XXYYZZ], in the case of acronyms like HB99AA or other special callsign (which shouldn't exist but which unfortunately we could find in the air), instead of the classic ENTER, simply give a CTRL-ENTER on the fly in the FastInput which forces any data present in the FastInput directly into CALL.

Even for strange callsigns coming from OM, SWL or BCL as well as CB with possible CALLSIGN HORRORS simply do CTRL-ENTER to force CALLSIGN and you're good to go.

For example, names identical to the QTH locator which would therefore be placed in LOCATOR and not in the CALL box: CTRL+ENTER will force what is written in the FAST INPUT into the CALLSIGN.

At this point the recognition and statistics in RealTime for that callsign are also forced in the STATS window and in OLDQSO if active.

All types of names are recognised. I struggled for a week to implement a general formula for almost impossible or non-existent names... here too, trying is believing and if you find any errors or inconsistencies that can be planned, send us an email immediately for the update.

The problems were precisely the "/" where for example /P stations give the number of the zone "/5" which changes the WPX and the zone, or the problem of HB9A/VP2C with identical lengths which by definition according to IARU regulations is was opted for a preferential choice:

IF LENGTH "PREFIX = ABBREVIATION", THEN WE PUT THE HOST COUNTRY IN FRONT - THE ABBREVIATION FOLLOWS BEHIND AND SINCE IT IS INTERNATIONAL REGULATION I CREATED AN INTERNAL RULE FOR WLOG2000.

EXCEPTIONS:

It should also have been possible to choose HB9OAB/VP2 or VP2/HB9OAB or even ridiculously VP2/HB9OAB/6 (HB9OAB in VP2 zone6 = VP6) etc..., including all those "things" that can be heard in the air and which unfortunately we often have to define in CALLSIGN .

WLOG2000 recognizes, or at least tries to recognize them all, a complex algorithm that exploits what I have learned in recent years of mathematics lessons, taking advantage of some almost improvised formulas, is the master.

But it doesn't end here, we await your comments to "finish the interminable" formula. It is important to remember to give a DOUBLE ENTER if the field to which we send the data is already full, to avoid involuntary deletion perhaps by writing a locator or an acronym badly or for other similar errors.

An acoustic ALARM also informs us of the possible box occupancy error!

LANDLORD

L.

Simply write the locator in the 4 or 6 character form, SQR or QTHLoc of the JN46 or JN46ME type, FastInput recognizes the locator formula and directs it to the appropriate field, also updating the relevant information in STATS, BEAM (LongPath/Shorpat- ViaDiretta/ Long), SQR, LOCATOR, QTF in km.

Be careful that typing with errors like: JN4 or J46ME or similar ones are evidently interpreted by FastInput as CALLSIGN.

Here too, by entering a complete recognition formula, only the locators that are valid and represented on the earth's surface are recognized.

Errors are completely rejected by WLOG either because they are intended as NUMBERS or NUMBERS and LETTERS of a possible RST or NAME, therefore canceled on the fly or moved to the specifically dedicated field.

Attention: an interesting option allows you to recover the locator from the previous connection (QSO)

with the correspondent of your QSO.

So by entering the callsign, the LOCATOR in the STATS window will immediately be updated with the various data taken from WLOGDAT.txt while if you have already made a connection with this correspondent, WLOG directly informs the LOG-LOCATOR window with the locator of the last connection made with that correspondent.

Furthermore, by pressing F12 you can immediately have a view of the "connection" in a visual world map that traces the line from your home to the correspondent with millimeter precision (F12 or any key returns to the LOG).

It goes without saying that I can force or simply delete the locator with the FASTINPUT SWITCH (L.) of the type:

L. Without code, delete the locator
 JN46ME or
 L.JN46ME Enter JN46ME in locator and JN46 in SQUARE (SQR)

Another very interesting prerogative of Wlog, which is also important to present, is how WLOG interprets EXACTLY the CORRECT typing for ONLY existing locators, so pay attention that a ZZ99ZZ locator does not exist.

In fact I had to enter the exact locator recognition formula not only in the form [xxYYzz] for the locators or [xxYY] for the single SQUARE but literally and numerically on all the possibilities starting from AA00AA up to RS99XX in addition to these letters and numbers single, there are no lessors and therefore they are necessarily interpreted as an acronym, callsign.

RSTrx

Report received in the form of 2 numbers (RS) for the PHONE modes and in RST for the CW and DATA MODES and here too WLOG facilitates to the maximum of its power in a simple and effective way, just write the report in the following ways, you don't have to can make a mistake, and WLOG will enter directly from the FastInput RST NUMBER and SPECIAL automatically.

But let's go with the table that exemplifies all the possibilities:

(note the POINT "." is a space)

	FastInput	RSrx (2 numbers)	NRrx	SPECIALrx
	59	59		
	59.23	59	123	
(1 space)	59,123	59	123	
(Special spaced)	59123.TI	59	123	YOU
(all spaced)	59.123.TI	59	123	YOU
RS with 2 spaces and SP	59..TI	59		YOU
(space and SP)	.YOU			YOU

Same thing for CW and DATA report RST mode (3 starting numbers)

	FastInput	RSTrx (3 no.)	NRrx	SPECIALrx
	599	599		
	599123	599	123	
(1 space)	599 123	599	123	
(Special spaced)	599123 TI	599	123	YOU
(all spaced)	599 123 IT	599	123	YOU
(RST with 2 spaces)	599..TI	599		YOU

and SP)

(Space and SP)

.YOU

YOU

It is clear that WLOG2000 is unable to force the NUMBER and SPECIAL REPORT all attached [59123TI], as these can always be too different from each other, for example in some contests reports of the type are passed:

59 123 TI (over 1000 QSOs also 4 numbers)

59 signal

123 number progressive from 0 to

999999 TI CANTON

So writing everything together in RS mode interprets:

59123TI

Wlog will interpret:

59 relationship RS

123TI number received

Or:

59 123 40

where 40, although numerical, is the age of the operator, or

59 123 1000

where 1000 stands for the power emitted

Ditto for RST three-number ratio mode and following.

The possibility of two spaces is also excellent if in the contest there is ONLY the REPORT and the SPECIAL of the CANTON or PROVINCE type for which the SPECIAL field will be in the search as well as the various AWARDS1-5 for diplomas.

Without forgetting, however, that A SPACE followed by characters will be forced directly into SPECIALrx, therefore solving without the RS or RST ratio:

[]= SPACE (CHR32)

[]XYZ

[SPACE]xyz

XYZ to RXnr

[] []XYZ

[SPACE][SPACE]xyz

XYZ in SPECIALrx

. []XYZ

POINT[SPACE] xyz

XYZ in SPECIALtx

RSTtx

ATTENTION in order not to confuse the RST received, faster from where to enter and therefore without using particular switches in <FastInput>, the REPORT sent, for example in a contest, only exceptionally varies from the previous one, so we will opt for the greater speed of entry in the one RECEIVED, while in the one sent to transcribe it from <FastInput>, we just need to put a POINT "." (this time real) in front of the number, like:

.59 .599

.59123 .599123

.59123 TI .599123 YOU

.59 123 TI .599 123 TI ditto with the two spaces after

RS/RST etc... identical to the RSTrx but with a dot in front (see

table).

Pay attention to the spaces immediately after the point, WLOG2000, although doing its best, is unable to interpret, for the moment, the thoughts of the operator or correspondent.

All the characteristics of the RSTrx just described apply.

NRrx NRtx

The number that is passed to you in RX or transmitted in TX can also be entered manually in the appropriate field or chosen with the mouse or with the tabulator.

Very interesting option in CONFIG, Opt +1 which when saving the QSO in the NrTx field, a number subsequent to the saved one is presented, the classic +1.

This field, predefined or chosen on the fly, will always be increased by +1 with each QSO save, you can also start the contest with a nice 100 by putting it in on the fly, but according to the rules we strongly advise against it.

You will then ask yourself the reason for this possible choice. Quickly said: during a weekend contest, or for the classic various MARATHONS, it could happen that during the first part of the contest you have made 250 connections and that the second part of the contest is in 30 days. So when you resume the competition, you can simply enter the number following the QSO and start again from where you finished previously.

Or during a weekend you participate occasionally just to give some "spikes in the air", here you can participate in the contest for half an hour, then go in 50 to do some DX, connect some satellites, have some chats on HF and then start again with the contest where you came from. Simply scroll through the list in the "LIST LAST QSO" window to find the last number used and transcribe it into NrTx by increasing it by 1 to restart from the last pause.

BAND(remember to update the wlog2000/config/band.cfg file or from MENU and reboot)

B.

Just choose the one you want and if any are missing, add them as you like but be careful, once chosen it will be MANDATORY to always use the written one and not other modified ones as WLOG2000 carries out the statistics based on the recording made, with no limit other than always using the same wording for MODE and BAND, 50 for the 6 meter band or 6m or even just PIPPO but always the same thing. In fact, by replacing a band already used for a QSO, we will no longer have correct statistics as some QSOs will have been made with 50, others with 6m, others with PIPPO.

So pay attention to the changes also because we have opted for an unlimited and complete choice according to IARU regulations.

MODE(remember to update the wlog2000/config/mode.cfg file or from MENU and reboot)

M.

Identical as above, in this case pay attention to the RS and RST signal. The first with two numbers in relation while three for the second.

RS is valid for PHONE (phone) modes of the SSB – FM – AM... type while RST is for CW – RTTY modes

– AFSK – FSK – SSTV – ATV etc.. however, this does not mean that they could also be others, WLOG2000 warns of anomalies on the signal giving preference to RST signals, but for example in the myriad of SATELLITE signals and operating MODES, it is complicated to list and automate them all also because in mode B of AO10 we could for example be both SSB, SSTV and CW. It is therefore up to the operator to choose the best method of use in recording their data.

Here an HFist (shortwave radio amateur) would tell us... "but it's SSB and that's it" while the "SATellista" (amateur radio enthusiast of satellite traffic) will rightly reply that it is SSB but on P3D for example we could do SSB in UV MODE or mode SU or something else that identifies both the mode and the band in use, on the RS satellites it will be mode A or B (transmits in LSB (uplink) and receives USB (downlink) ... etc ... so the best solution, leave every MODE and BAND wish open for satisfy all your wishes, but I repeat, be careful that the entry choice will be the prerogative for all

QSOs of that type, to avoid chaos within the statistics which will never be able to interpret your wishes but work independently which we will describe later.

Mode also modifies the modes from PHONE to DATA with the ratio 599 forcing RS to RST and vice versa without having to re-enter config which in this case remains the default start WLOG2000.

SATMODE(remember to update the wlog2000/config/sat.cfg file or from MENU and reboot)

S.

SatMode is specifically designed for those who carry out activities via satellite, given that there are plenty of satellites and modes, this is where this archiving system comes in handy.

satellite activity example:

BAND	AO10	we will be able to enter the satellite name data
MODE	SSB	we will put the transmission mode used
SATMODE	B	we will set the operating mode of the satellite (bands)

By archiving we will know exactly that we made this QSO on the AO10 satellite in SSB and using mode B which specifies TX in 430 and RX 144.

Having personally made over 5000 QSOs via satellite, I find this option very interesting.

DATE

Automatic use REALTIME or MANUAL (set in CONFIG MENU)

Use the classic EUROPEAN date form of the type:

DD/MM/YYYY

GG day

MM month

AAAA year

If you have not correctly configured this option in your Windows, you can change it from the START – SETTINGS – CONTROL PANEL – SETTINGS menu

INTERNATIONAL and change DATE and TIME as described and we recommend using the "/" as separator to avoid possible IMPORT or EXPORT incompatibilities.

NOW

Automatic use REALTIME or MANUAL (set in CONFIG MENU)

Same as above to select the time, enter the ":" (colon) if it isn't there. HH:MM:SS

which WLOG2000 will only interpret HH:MM

SECIAlrx

[SPACE]SPECIAL

As for the SPECIALtx (transmitted) it is used during some contests to define not the number but a SPECIAL CHARACTER of the given or received report.

The special field will then be used for the various statistics of some contests together with the NrRx and CALLSIGN.

In the case of the HELVETIA CONTEST:

59 123 IT

RS/RST ratio (space)Numberprogressive (space)Canton

etc...

We can then enter the same thing into our AWARDS to define a real diploma.

To insert the SPECIAL, in addition to always entering the appropriate box, we can simply add a SPACE in the FastInput followed by the SPECIAL.

By doing this on the fly we will only be able to replace the incorrect special or add it on the fly during the connection.

SPECIALtx

. [SPACE]SPECIAL

Same as spore but with a "dot" [.] in front which directs the same thing in the Specialtx field, which is usually always the same, but let's say we don't want to configure WLOG for that contest but we still want to connect a correspondent who does the competition, we will then pass our report:

.59 001 TI (with DOT in front)

and for two or three connections for that contest we will not have to configure anything in this regard but detailing the data as much as possible with our correspondent in order to then detail them on the QSL card.

By instead entering the data in CONFI, we too will be able to participate with a minimal configuration of the program.

TEXT

T.TEXT

With [T.] followed by a text, it adds information to the TEXT field, but be careful, we will be able to write more than once, given that WLOG2000, to prevent the previous information from being deleted, simply adds the text to that already present for a total of 60 characters more than enough for the purpose.

For example, by default you can enter: /P JN45 1500msm Monte Pippo

For each [T.test text] the text [test text] will be added to the text already present preceded by a space resulting:

/P JN45 1500msm test text

OSLprt

QSL PRINT

YES/NO (0/1) option to then choose to print the QSL. We recommend by default to leave this box active so that each QSO is then reciprocated with the postcard (mutual correctness of connection is not always present).

Otherwise disable the option manually or by default in the CONFIGURATION. An interesting option allows, in a QSO with the same person, to deselect the QSLp automatically so as not to send the correspondent a second or third QSL.

As in the case of QSOs on 50Mhz where the "STATION LOG" is currently mandatory in Switzerland, there are dozens of connections perhaps with the same local people.

Or it often happens in the various bands that you connect a correspondent several times and in the specific case do not want to confirm the already confirmed QSO with a QSL card even though you want to mark it in your WLOG2000 LOG database.

Otherwise, simply select the box manually or deselect it with a click.

OSLsnd (DATA OSLsend)

QSL SENDET and respective "shipping/printing" DATE.

That is, postcard sent and when.

This option indicates that the postcard has already been sent to the correspondent and on what date, therefore WLOG2000 by entering a CALLSIGN indicates whether the postcard has been sent or not.

This box, if not manually, is automatically selected during printing while entering the printing date and respective shipping date. When I print a postcard, WLOG2000 updates the box by automatically selecting it.

QSLrx

Manual confirmation for QSL received.

When I receive a QSL, I simply have to, if necessary, search for the interested QSO and apply a “YES” to the confirmed QSL box, which will automatically confirm the statistics from WORKED to CONFIRMED in this case.

Also refer to the “SEARCH and PRINT QSL” part of the menu for changes from WORKED
(WORKED)

CONFIRMED (CONFIRMED)

DIPLOMED* (POSTCARD USED FOR A DIPLOMA)

DIPLOMATEXT* (POSTCARD or LINK USED FOR WHICH DIPLOMA).

(*) are not present on the QSO/LOG window

MANAGER

.Mmanager

Inserts the manager directly in the appropriate field, if this does not appear automatically from the specific list recorded by WLOG2000 which includes the MANAGER and the reference CALLSIGN that you will have to compare.

Otherwise, or by simply pressing ESC above the field, the default wording BURO will reappear, indicating the street address of your postcards.

A special list, WLOGMan.txt, complete in its parts, can be added automatically with your best databases for MANAGER so that when the CALL is entered, WLOG2000 already knows if a related manager exists by looking for it in your list.

List updates and updates are always available on our website where you can also send your updates.

AWARD1-5 or IOTA

A professional and unique possibility of WLOG2000, to automatically and independently have INFINITY diplomas configurable as desired in an incredibly simple way.

You can create your own diplomas on the fly, based on the model of those present, simply by editing an ASCII file containing the KEY word in the first 10 characters, in the title of the file which you will enter in AWARD with title.AWD, the title of the diploma and that's it.

From the WLOG2000 configuration you can simply click on the TITLE of the AWARD you are interested in and WLOG2000 will search for it in the directory and automatically show it to you in the AWARD window.

Nonetheless, you will therefore be able to manage all the diplomas that you want, whether new or old, with the limit of remembering only not to change the title or data after



having entered them or if necessary, to modify all the QSOs involved.

NOTE: remember that in IOTA you can write IOTA or CALL or something else and then click on the result!

NO LIMITS ON WLOG2000 AWARD CALLSIGNS:

5 award diplomas per call (UNLIMITED in the total NUMBER!!!)

1 IOTA diploma or other of your choice

1 SPECIAL diploma per contest

BUT ABOVE ALL INFINITE DIPLOMAS FOR EVERYONECALLSIGN REGARDLESS of other diplomas used. Searching the database will give you the option to select them individually or in groups. A new concept of managing diplomas that I tried to translate with WLOG2000... let's hope it was a good choice.

Here too, be careful not to change the titles of the diploma files after having used them even just once, or to put "keywords" that are too complicated:

we recommend using numbers and numbering the character of the diploma to avoid the same variable being repeated in the first 10 characters.

However, for each diploma and its search, WLOG2000 records the following essential data for future research and point calculation:

TEXT AWARD1-5

the first 10 characters contained in the file for that entry

TITLE TEXT AWARD1-5

the title of the.awd file (8+3 characters)

(ditto for IOTA)

So for each award the text of the award and the title itself are recorded so you can then search for them by simply entering the title AWARD and you will have the information.

A complex search system will therefore allow you to extrapolate only the data for that chosen diploma and carry out the appropriate calculations/statistics.

REMEMBER to give the akl file name AWARD.AWD in a simple and real way:

H26.AWD

IOTA.AWD

IIA.AWD

ILIA.AWD

WAE.AWD

Etc...

Simple name, simple search.

An important note is that the AWARDS can be changed at any time, giving infinite AWARDS for each CALLSIGN and complete management of 5 AWD, 1 IOTA and 1 SPECIAL.

WE RECOMMEND YOU ENTER OUR WEBSITE AND GET THE DATA OF THE MOST IMPORTANT DIPLOMAS AND SEND US YOURS SO WE CAN MAKE THEM AVAILABLE TO ALL INTERESTED PARTIES AND UPDATE THE PAPER LIBRARY.

In the multi-window of the AWARDS we find the box with the title of the AWARD which is shown at startup, the scrolling window of the AWARD itself and its variables, and the IOTA window with the title and information on the status of the diploma, the most coveted after the classic ones such as dxc, wpx, waz, wac, itu, sqr.

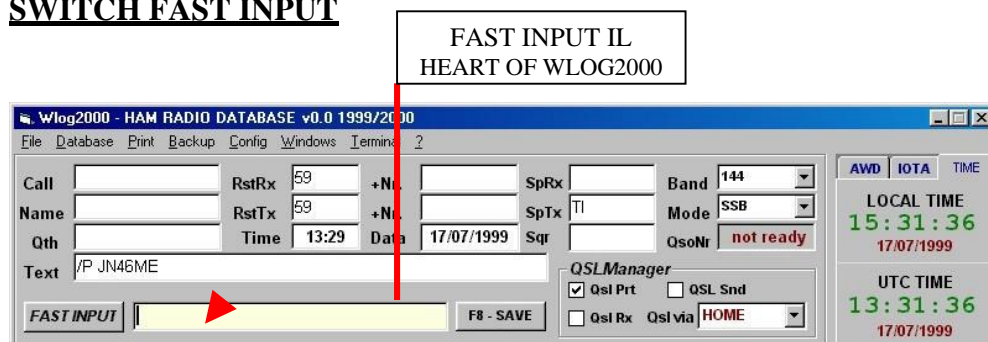
NAME

N.name

Simply enter the correspondent's NAME in the NAME field.

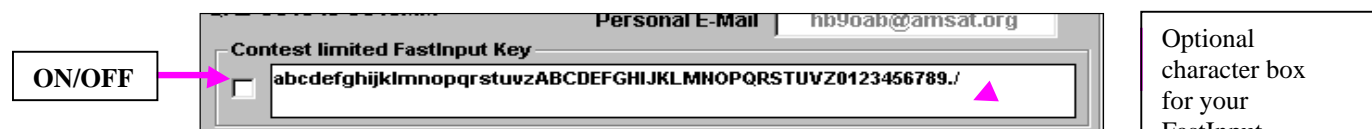
If you have already made a connection with this amateur radio and have already registered the name, WLOG2000 informs the LOG-NAME window and automatically inserts the NAME without having to write it as for the locator, provided that the appropriate configuration options have not been disabled.

SWITCH FAST INPUT



For FastInput you just have to get used to it and you will immediately understand the simplicity of writing wherever it happens (FastInput) and serving all the fields of WLOG2000.

It seems complicated at first glance but for any language and use, very simple to interpret.



Furthermore, a centralized control function allows you to activate or deactivate certain user-definable CHARACTERS in FASTINPUT, i.e. in CONFIG there is a box where you can write the various characters that will be accepted in FASTINPUT for example to avoid errors or strange characters or other possible incorrect typing.

This function can be easily activated or not from your personal CONFIGURATION where you can choose either ALL CHARACTERS or only those you want.

The option is enabled ONLY in FASTINPUT while in the "manual" boxes you can always enter any character, or by deactivating the checkBox in config, you can use FASTINPUT unlimitedly.

You can also, with a simple click of the mouse in any window of the LOG fields, write manually and return to FastInput with ENTER or with TABulator move to the other data windows in vertical sequence or by moving with the mouse, but be careful that if you do not give an ENTER you will not the data from the connected windows will always be able to know what you have written, ENTER being a main feature of data input in WLOG2000.

Wlog also allows FastInput to insert almost all the data for each QSO from the NAME, to the text, to the AWARD up to the QSLmanager etc...

These switches, described both with a DOUBLE CLICK on the FASTINPUT, and in the

configuration menu, with the choice of these switches which by default are:

Each selected box changes color immediately giving you the cursor position.

SWITCH	DESCRIPTION FUNCTION	
CALLSIGN (**)	direct	Force FastInput in CALL
LANDLORD (**)	direct	Force FastInput in SQR
L.LANDLORD	The 'Point'	Force FastInput in SQR
L.		Cancel SQR
RTD (**)	Direct	Enter the RS or RST ratio
SPACE Orst	Direct	Enter the RS or RST ratio
N.name	No 'Point'	Force FastInput in NAME
No.		Cancel FIRST NAME
T.text	T 'Point'	Force FastInput to TEXT
T.		Cancel TEXT
Q.qth	Q 'Point'	Force FastInput to QTH
Q.		Cancel QTH
M.manager	M 'Point'	Force FastInput in MANAGER
M.		Cancel MANAGER
.number	Point RS/RST	You see RS RST above
SPAZIOspecialRx (**)	Space specialrx	Forces FastInput into SpecialRx
.SPAZIOspecialTx	SpacePoint spec	Forces FastInput into SpecialTx
RS<space/space>SpecialRx	RS and SPECIAL	Force FastInput in
RS+SPECrx		
.RS<space/space>SpecialRx	Point RS and SPC	Force FastInput to RS+SPECrx
F12	(also for RST and for combinations in RS/RSTr/t)	
F8	Show the world MAP and respective QSO then	
	Switch with F12 / F11 for ZOOM or WAC	
F10	Skip from [PACKET CMD:] to [FASTINPUT]	
F1	Furthermore, if you lose the "cursor" an F8	
ESC	returns it to FASTINPUT	
ESC ESC	SAVE the QSO from wherever you are	
W.	Opens WEB page with CALLSIGN info	
I.	DELETE the single field	
S.	ResetEVERYONEthe fields	
	Insert number in WAZ 3 or 03=03 in WAZ	
	As for W. but for ITU zone	
	S 'point'	Force SATMode

MODE BAND SATMODE RSTr/t FIELDS are not deleted from fastinput with <ESC ESC>

(For other function keys or updates of the same see WLOG2000 MENU click on FASTINPUT)

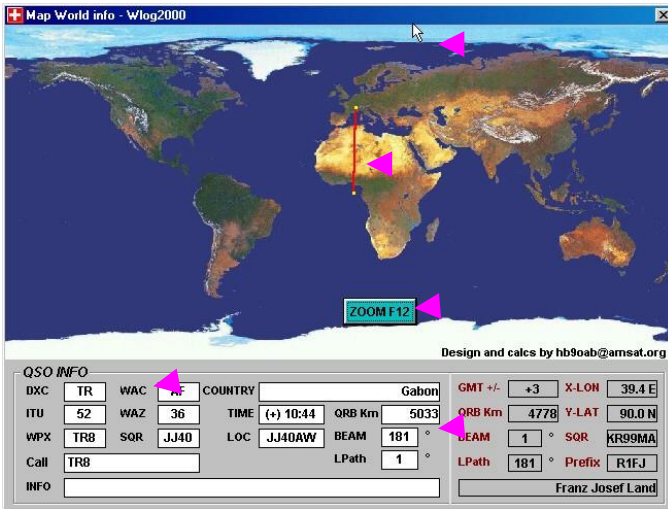
FROM FASTINPUT if you PRESS CTRL-ENTER you force those weird names that are also locators into callsign.

**** ATTENTION: the SWITCHES from FASTINPUT marked in YELLOW are the data that can be entered directly into FASTINPUT and which will be placed in their exact place at the moment of ENTER, very fast and exceptionally useful for speeding up the input of your QSOs.**

Try writing your CALL then ENTER in FASTINPUT, then your locator and then ENTER, finally put the report received for example 55 and then ENTER, you will see the data positioned immediately in the correct head, in this case write N.NAME and Q.CITY and you will see a control algorithm working that

took a long time to make it 99% reliable!

WORLD MAP



MOUSE info

QSO pathinfo

QSO zoom country & wac

QSO given

WLOG2000 contains a fabulous world map, not so much for the design but for the complexity of information that it can give us simply by moving the mouse pointer, which will appear as a "cross" over the drawing to better point to the countries.

The reference that WLOG2000 proposes is contained in the detailed list in /CONFIG/WLOGMAP.INI in which it finds some information, in addition to that which evidently has to calculate in complex mathematical and trigonometric formulas which occupied me for almost 10 days NON STOP, to have all the details that we can now savor by moving the mouse around the world (on the map).

A small problem that perhaps will not be easily solvable, results in the fact that different nations can have either the same locator (initials) or almost the same LONGITUDE or LATITUDE, therefore WLOG2000 having to work mathematically and having to show a single resultant, will show the first one that follows in alphabetical order, which is why some countries will not always appear on the description, perhaps even with LON LAT or SQR correctly detailed in the windows.

Well, just think of the calculation that WLOG2000 has to do on this occasion, already no small piece of information:

1. calculates the position of the mouse on a world map on the fly and very quickly
2. transform longitude and latitude
3. calculates the distance in km from your configured QTHlocator
4. calculates the direction of the antenna (be careful that the map is not round and WLOG2000 interprets the direction exactly as if it were a sphere, therefore it results in an AZIMUTAL direction and not a visual one, therefore the REAL direction in which to turn your antenna even if to the eye it might seem incorrect, I assure you that it is very correct, I spent whole nights over it to correct even the possible small imperfections.
5. calculate the antenna direction as above but for the LongPath, VIA LUNGA direction
6. calculates the locator (quadrato or square [SQR]) of the described position with millimeter precision
7. calculates GMT + or – relative to GMT

8. find the first country in alphabetical order (be careful that where a country is not listed, the last one shown remains in memory for visual simplicity otherwise there would be a continuous back and forth of countries)
9. shows the GMT time of the affected and/or connected countries
10. details all the information on the name entered
11. etc...

Furthermore, in addition to the "MOUSE INFORMATIONS", WLOG2000, having for example inserted the data of a NAME or a LOCATOR in the LOG window, shows the salient detailed information for:

1. draws a connection line between you and your correspondent with millimetric precision if you have also entered the correct locator or at least the SQUARE
2. highlights this distance
3. highlights your correspondent's time
4. highlights the excellent direction of the antenna to hear your correspondent
5. highlights the LongPath to connect your correspondent in a long way
6. highlights the statistical characteristics of the corresponding dxc wpx waz itu wac sqr and if you have not entered it, the lessor of the capital for that country or simply YOUR lessor if you have not entered any data in the LOG window
7. the country of your correspondent and other information on the QSO entered in the LOG

A simple click as usual or a click in the image or even simply a simple F11 to return to the previous window by default.

Having opened the PACKETSTATS window (for the statistics coming from the PACKET RADIO) and simply clicking on a CALL received from SPOT, you will have immediate information and when you click on PKTMAP you will also have a detail of the selected name.

ZOOM BUTTON WINDOW

WLOG2000 in its world MAP allows, if a DXC.BMP exists in the appropriate path, to view data or information or zoom the current state. A special trick recognizes the WLOG2000.DAT file (the ASCII list of countries) which is connected with its DXC to the path with the .bmp images which if present shows in the MAP a new "ZOOM F12" button which therefore from the LOG window (example QSO entered TR8/GABON):

- F12 show the world map with various coordinates
- F12 self The "ZOOM F12" key is present and shows the images of that DXC.bmp. If the "ZOOM F12" key is not present it returns to the LOG window



WAC MAP KEY WINDOW

WLOG2000 also allows you to zoom in on the WORKED ALL CONTINENT, quickly showing you the area of the CONTINENT with which you are connected.

As with ZOOM, simply add or edit .bmp graphic files for excellent customization for your favorite geographic features.

WE RECOMMEND SENDING US ANY UPDATED OR IMPROVED GRAPHICS THAT WE WILL RELEASE TO ALL USERS OF WLOG2000 but be careful not to exceed the precision/bytes which burden the soft. LIST WINDOW

FAST INPUT				F10 - SAVE		<input type="checkbox"/> QsIRx		QsIVia		HOME			
Callsign	Name	Locator	QTH	TDate	Mode	Banda	RST	NRr	Special	RST			
TR5ER				27.2.2000, 09:38:10	SSB	50	59			59			
TR4TR	FRANCO	JN46ME	BELLINZONA	27.2.2000, 09:33:18	SSB	432	59			59			
TR4RT				24.2.2000, 21:16:09	SSB	50	59			59			
HL6ZII				24.2.2000, 21:16:03	SSB	50	59			59			
8													
QSO's				HB9OAB	2/24/00 8:55	SSB	50	N	Y	N	16		
				3D2/HB9OAB	2/23/00 9:18	SSB	50	N	Y	N	15		
CH	A	<1.8	3.5	7.0	10	14	18	21	24	28	50	144>	TCP

LIST LAST QSO's
double click to
check QSO

This window lists the latest QSOs made, in descending order, from the last one connected in order of date and time, only the latest ones to further speed up the execution of various searches and saves.

You will therefore be able to quickly keep an eye on the newly recorded data even in the event of having to repeat it or having to resume it for some reason.

A double click directly on the LIST window allows us to list the specific link. WLOG2000 takes a moment to show them since it has to load a very large amount of data.

Be careful with the right mouse button over a callsign, you can select a modification to the QSO made or cancel it immediately and very easily.

OLDOSO WINDOW

FAST INPUT				F10 - SAVE		<input type="checkbox"/> QsIRx		QsIVia		HOME	
Callsign	Name	Locator	QTH	TDate	Mode	Banda	RST	NRr	Special	RST/N	
TR5ER				27.2.2000, 09:38:10	SSB	50	59			59	
TR4TR	FRANCO	JN46ME	BELLINZONA	27.2.2000, 09:33:18	SSB	432	59			59	
TR4RT				24.2.2000, 21:16:09	SSB	50	59			59	
HL6ZII				24.2.2000, 21:16:03	SSB	50	59			59	

QSO's	HB9OAB	2/24/00 8:55	SSB	50	N	Y	N	16		
8	3D2/HB9OAB	2/23/00 9:18	SSB	50	N	Y	N	15		

CH	A	<1.8	3.5	7.0	10	14	18	21	24	28	50	144>	TCP
----	---	------	-----	-----	----	----	----	----	----	----	----	------	-----

TIME (+)	
ORB	
COUNTRY	
PKT	

OLD QSO with this call/OM

This is a very interesting information window, in fact it allows you to view all the connections made with that CALLSIGN.

There are very few QSOs that highlight a DUPE also made between:

HB9OAB/P and 3D2/HB9OAB or HB9OAB/MM, that is, with the person HB9OAB!

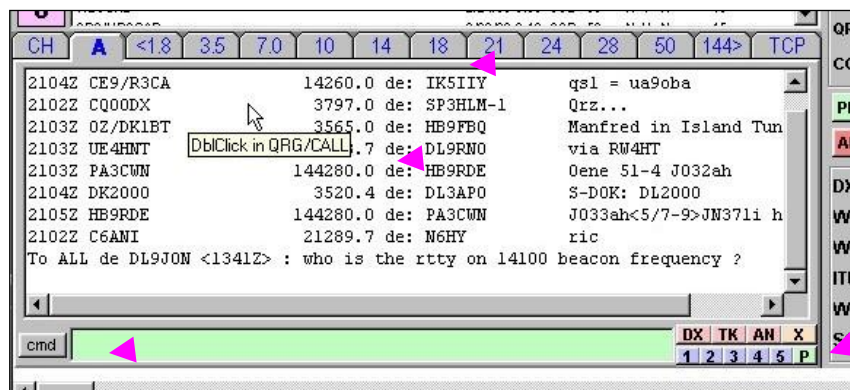
Many LOG programs do not highlight the "SOLOCALL" i.e. in the person of HB9OAB.

Instead, WLOG2000 recognizes you immediately. In fact, a callsign search algorithm highlights all the possibilities by selecting, in the best possible way, which CALLSIGN is the DXC to study and the WPX involved.

Here too, if you find possible errors, we will certainly take advantage of them if you wish to communicate them to us to modify the search routine.

So by entering any CALLSIGN, you will immediately be shown the number and complete list of connections made with this correspondent, also to confirm the sending or arrival of the postcard or for other interesting data (humanly speaking), name, qth, band , time, date...etc... that WLOG2000 offers you instantly by taking the data from the last QSO made.

PACKET WINDOW



Detailed packet windows

15 multi-screen window

Windows with band details

TX RX Switch

F1-F5 racket channel switch
and PERSONAL / ALL
window

Compatible with all TNCs in both TAPR mode (HOST for now only manual commands but complete programming is being studied to have a multi-screen terminal in Windows mode).

At the moment still single window but still allows MULTI connections (5 in total in pre-programmed WLOG2000) from the standard ~7E switch present on all TAPR TNCs.

As you can see, it already works in real time on 15 (FIFTEEN) windows and we are waiting to reliably finish the programming to be able to work in direct connection on at least 5 windows, thus allowing us to work on a DXCLuster, to read our mail on the favorite BBS , to be in CHAT with someone and above all to be able to connect in the PACKET RADIO NETWORK with a correspondent to use the same LOG with MULTISTATION, so as to have fun during a CONTEST with a MULTI STATION located from the main one... or to work, regulations permitting, a contest in two different stations simply by connecting in packet and working on the same computer on the network.

Now all this is already possible but even though the various SPOTs are separated into 15 windows, the connection always takes place on the same screen while still separating the DXCLUSTER windows.

The version for MODEM / BAYCOM with Windows terminal compatible with the TFTAGPE version is also being studied but some measures are still missing.

Note 2015: the classic packet radio part with TNC, with the advent of the Internet for all, no longer makes sense!

Attention to an oddity that could happen in the MONITOR function:

CH FUNCTION (CH1-CH2-CH3-CH4-CH5)

WLOG2000 is set up to function and archive the spots even in a NOT CONNECTED mode to the DXCLuster, but be careful that if NO ONE is connected to the dxcluster on the same frequency as you it will be impossible for you to receive the lines of the spots, as well as if any disturbance occurs on the "Line of reception", as if not connected, there will be no repetition of that information for you. Furthermore, if more than one station is connected to the DXCLuster, to avoid double spots like some programs we know, but which on the same band at different times are "indispensable",

you may receive from the same spot, the list and information on how many users are connected on the same frequency.

So if twenty people are connected to a DXCLuster on the same frequency, you will also monitor their lines.

With other programs the possible solution: set your TNC so that it receives only one callsign, which however could then limit your reception, or more simply, connect to the DXCLuster.

If you have several dxclusters on the network while connected, remember to enable MCON ON which activates the monitor function even when connected. It involves some problems under TAPR management but at least you won't lose any DX.

ONE OF A KIND so WLOG2000term solves all the problems for SWL/LISTENING on frequency or even on the FWD frequency of PCL DXCL nodes!

- You can monitor without any DUPE as WLOG2000 analyzes all the spots
- You can even go to the FORWARD frequency of the PCL nodes and decode the SPOTs (DX announcements) that the various nodes communicate without losing anything
- You can avoid bandwidth LOOPS
- You can manage 5 separate Receive and Transmit lines on different channels using STREAMSWITCHES (\$7c) by setting this on your TNC with the STREAM USER and MAXUSERS commands (refer to your TNC manual to modify and use STREAMSWITCHES as required)
- You can have 13 sectorized windows available and finally ATTENTION ATTENTION, have a filter to choose the spots to see that can be configured in CONFIGURATION:
 1. band sector from frequency X to frequency Y (28000-140000Khz)
 2. 18 specific filter sectors with pre-configurable keywords as desired (including space)
- You get a command line and 5 STREAMSWITCH switching keys (\$7c)
- You can have a quick DX / ANNOUNCE / TALK announcement window with help
- You can SAVE all the windows for next reboot and keep the DXs under control
- You can choose to store the PACKET windows with the EXIT date from the program or simply store them and that's it
- You can choose to connect to two DXCLusters or to monitor during the connection using the MCON ON command (connecting to two or three local dxclusters is not recommended! You only mess up the network but you can connect to a local and a non-European dxcluster!! on flexnet/internet networks.
- You can chat with your colleague on some WWCHAT
- You can simply click on the CALL to get all the details WAZ WAC ITU DXC etc...
- You can click on a QRG of the DXCLUSTER to switch your radio to the desired frequency of the correspondent you read on the dxcluster (active on all 15 windows)!!!

Very simple but functional for the purpose for which it was prepared.

You can usually leave your TNC in DEFAULT to have the best operating characteristics, refer to your TNC manual. WLOG does not have any particular configuration other than that of the connection between MODEM and PC which we find in the configuration:

COM PORT	1-8
BAUD	300-115000
PARITY	0 – XFlow – Flow – XFlow/Flow
OPEN PORT	Opening of the COM port when starting the program 0/1

cmd:disp	HUNDRERR 0
8BITCONV ON	KISS OFF
AX25L2V2 ON	LCOK ON
ACKPRIOR ON	LFADD OFF
ACKTIME 14	LFIGNORE OFF
ANSWRQRA ON	LCALLS
ASYRXOVR 0	LCSTREAM ON
ASYFRERR 0	MONITOR ON
ASYQOVER 0	MALL ON
AUTOLF ON	MCON OFF
AWLEN 8	MCOM ON
AXDELAY 0	MFILTER \$00
AXHANG 0	MNONAX25 OFF
BEACON EVERY 0	MRPT ON
BBFAILED 0	MSTAMP OFF
BBSMSGs OFF	MYCALL HB9OAB-1
BKONDEL ON	MYALIAS
BLP OFF	MYDLCNUM 0
BTEXT OP: Franco, QTH: Bellinzona (JN46ME).	MAXFRAME 4
BUDLIST OFF	NEWMODE ON
Link state is: DISCONNECTED	NOMODE OFF
CBELL ON	NUCR OFF
CONPERM OFF	NULF OFF
CHECK 25	NULLS 0
CHECKV1 OFF	OUT \$00
CLKADJ 0	PACLEN 128
CMDTIME 1	PARITY 0
CMSG ON	PASS \$16
CMSGDISC OFF	PASSALL OFF
CPACTIME OFF	PACTIME AFTER 10
CR ON	RCVDFRMR 0
CTEXT WLog2000 PROFESSIONAL HAM LOG	RCVDIFRA 0
SOFTWARE by hb9oab@amsat.org -	RCVDREJ 0
http://start.at/wlog	RCVDRNR 0
CANLINE \$18	RCVDSABM 0
COMMAND \$03	RETRY 10
CALSET 0	REDISPLA \$12
CANPAC \$19	RESPTIME 0
CONOK ON	RXABORT 22
CONMODE CONVERSE	RXBLOCK OFF
CONSTAMP ON	RXCOUNT 7
DAYUSA OFF	RXERRORS 6
DEADTIME 33	RXLENERR 0
DEFLTDLC 254	RXRESYNC 0
DELETE OFF	SCREENLN 0
DWAIT 33	SENDPAC \$0D
DIGIPEAT ON	SENTFRMR 0
DIGISENT 0	SENTIFRA 0
ECHO ON	SENTREJ 0
ESCAPE OFF	SENTRNR 0
FLOW ON	SLOTS 3
FIRMRNR ON	START \$11
FRACK 3	STOP \$13
FULLDUP OFF	STREAMSW \$7C
HEADERLN OFF	STREAMCA OFF
HEALLED OFF	STREAMDB OFF
HID OFF	TRFLOW OFF
HOVRERR 0	TRIES 0

TRACE OFF
 TXCOUNT 0
 TXDELAY 40
 TXDELAYC 2
 TXDIDDLE ON
 TXFLOW OFF
 TXQOVFLW 0
 TXTMO 0
 TXUIFRAM ON

UNPROTO 3
 USERS 10
 XFLOW OFF
 XMITOK ON
 XOFF \$13
 XON \$00
 cmd:

The PACKET RADIO AX25 amateur radio system is now obsolete worldwide and even in WLOG2000 it no longer has the purpose of being improved also because the internet network and the related TelNet network have passed the use and consumption exam both by high-performance WIFI and SATELLITE LAN networks as well as from the use of 2G 3G 4G LTE and 5G networks... with mobile phones that allow you to have a secure and reliable connection to the global network in any part of our globe and to use your mobile phone as a HotSpot on the mobile network.

Here is the new revised PACKET window with the addition of the new functions and bands:

Terminal window

CH1	ALL	160m	80m	60m	40m	30m	20m	17m	15m	12m	10m	6m	4m	>2m	TCP
23.01/18342	EU	W-	SQ9PUW				7169.0	de: IV3JAK							SSB
23.01/18352	SA	W-	LUI1DTB				21076.7	de: PY2EDU							FT8
23.01/18352	NA	W-	VE3CRG				14185.0	de: G0DJQ							Brian good sig tks
23.01/18352	NA	W-	KC8UGW				7238.0	de: N3WMC							K6690
23.01/18352	EU	W-	II4WRTC				7136.0	de: SP9PD							TNX for QSO
23.01/18352	SA	W-	YV5RAB				14210.0	de: KD2SXD							POTA YV-0004 WWF
23.01/18352	EU	N-	RN3DA				1822.0	de: R2UZ							Tnx QSO 73!
23.01/18352	EU	W-	IW0BCF				144176.0	de: IC8FAX							FT8 +04 JN70CN<>JN70
23.01/18362	EU	W-	II4WRTC				7162.9	de: SQ9NKL							Tnx. nice QSO 5/9+!
23.01/18362	EU	W+	EA7ALL				21076.7	de: PY2EDU							FT8

TELNET: IP 46.226.178.86:41112:IK5PWJ-6 SH/DX CLOSE

TNC: SCROLL TALK DX TK AN cls 1 P

Terminal window

CH1	ALL	160m	80m	60m	40m	30m	20m	17m	15m	12m	10m	6m	4m	>2m	TCP
7017.0	ON75ALT														<F8ASG>
28450.0	PY2VTR														<WB8VLC>
10136.0	ON75PHI														<W2TB>
3527.0	II5WRTC														<DF8VO>
7163.0	II4WRTC														<SQ3TKZ>
18100.0	ZF200														<IK8PGE>
28074.0	LU7EJP														<EW3AA>
10112.0	II7WRTC														<DK5FX>
HB9OAB de IK5PWJ-6 23-Jan-2022 1831Z dxspider >															

TELNET: IP 46.226.178.86:41112:IK5PWJ-6 SH/DX CLOSE

TNC: SCROLL TALK DX TK AN cls 1 P

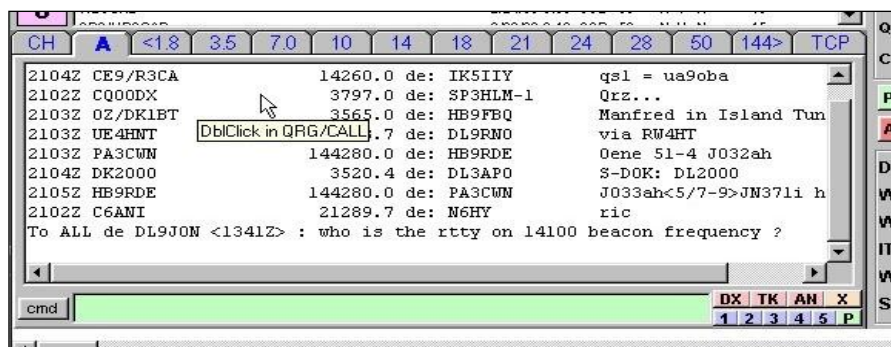
Set set for 19200baud – N.8.1 – DTR/CTS HANDSHAK

This setup can be greatly improved but I only use it for PACKET RADIO and DXCLUSTER so speed or heavy traffic is not of interest, but only that it works and allows you to remain connected to the dxcluster without disconnecting every second using a laptop and always as usual ONLY a rubber on top of it.

For KAM – KPC –PK232 etc.. the essential commands are IDENTICAL, important to keep in mind in the MONITOR window or to monitor the MCON ON command in connection. Don't forget the ECHO ON/OFF command and the STREAMSW switches as well as MAXUSERS and USERS (refer to your user and consumption manuals) set to \$7C (i.e. vertical bar "|") for changing channels.

Therefore refer to your TNC manual for the relevant details. However, I am also preparing the TF2 and DED management system so as to be able to use the BAYCOM modem even under Windows, which I have been using for some time without problems with an external interface. However, it will be a minor problem for future versions.

PACKET RADIO WINDOWS



The program has 15 packet radio windows and all with a function determined for the best information to be given to the operator.

ATTENTION with the updated versions the AX25 has no longer been updated for use with TNCs given the advent of INTERNET for all that the AX25 with TNCs no longer makes much sense of use. We therefore turned to the TELNET versions available on the internet also via mobile phone.

REMEMBER TO ACTIVATE THE COMS either from CONFIG and/or from the MAIN MENU

Also pay close attention to always leave COM active as WLOG2000 and WINDOWS could conflict for example due to COM1 on TNC and COM1 on MOUSE with evident inconsistency at program start and possible system crashes.

If this were to happen, WLOG2000 no longer starts announcing COM in use by another device and if it continued it would crash WINDOWS and WLOG2000 with possible data damage.

If this happens simply MANUALLY edit the COM port in [\\config\\wlog2000.ini].

Given that in our latitudes the commercials run at a frequency of tens per minute!!! interesting or not, and since we receive them all, I immediately abolished the idea of showing a statistic for each commercial that arrives since it is difficult to keep the information on the screen so that the operator can choose or not to do that QSO.

We therefore opted for customizable filters (expandable to 100 or even 1000 since already set up but

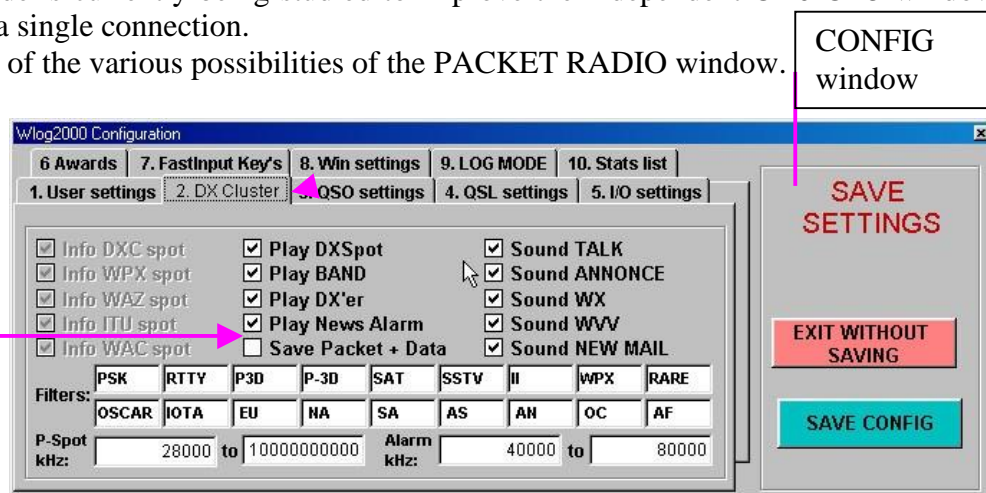
not yet active and only if requested by future users, filters currently limited for space only). You can insert your particular SWITCHES, see default, remember one particularity: to have a single WORD add a space before and after the switch.

You can insert into these 20 filters a band differentiation in 11 sectored windows, one general, one customizable and a monitor that contains 5 channels (6 to be exact) NOT YET DIFFERENTIATED.

The HOSTMODE mode is currently being studied to improve the independent CH0-CH5 window currently in "Mix" on a single connection.

Let's see a detailed list of the various possibilities of the PACKET RADIO window.

With this option it is possible to save a date when the program is released when WLOG stores the commercials, to avoid them looking like those from "today".



A line at the bottom of the PACKET RADIO screen allows the entry of 80 characters at a time to be sent to your TNC followed by an ENTER, this is the command line for your TNC.

Some outline buttons allow the following:

CH	CHANNEL 0 main	
CH1-CH5	CHANNELS 1-5 StreamSw \$7c for classic TNC1/2/3 compatible Taprs In these channels CH CH1 CH2 CH3 CH4 CH5 all the data that flows from your TNC or that (with ECHO ON) is entered from the CMD line is presented: where you can write the commands for the TCN	
TO	ALL CHANNELDXSPOT, i.e. all the spots you receive on monitor CH0...CH5 are selected, processed, compared, cleaned, arranged and then recreated at the pleasure of WLOG2000 and its users.	
P	Idem as above but only those SPOTs that you have chosen to see from the 20 filters selected in the configuration are presented in RED	
160m	<1.8	All DXSPOT from 0 to 3MHz
80m	3.5	All DXSPOT from 3 to 5MHz
40m	7	All DXSPOT from 5 to 8MHz
30m	10	All DXSPOT from 8 to 12MHz
20m	14	All DXSPOT from 012 to 16MHz
17m	18	All DXSPOT from 16 to 20MHz
15m	21	All DXSPOT from 20 to 23MHz
12m	24	All DXSPOT from 23 to 25MHz
10m	28	All DXSPOT from 25 to 35MHz
6m	50	All DXSPOT from 35 to 100MHz
>2m	144>	All DXSPOTs from 144MHz onwards
DX	Key facilitated to make a DX announcement (if we have the text in the LOG)	

TK	Key facilitated to make a TALK
AN	Key facilitated to make an ANNOUNCE
X	Key made easy to clear ALL windows
TO	Key to go to the PACKET ALL-SPOT WINDOW (change to "P")
P	Key to go to the PERSONAL PACKET WINDOW (change to "A")

In short, you will be able to observe the propagation "present on the DXClusters" and make your choices of band and communication sector, you will be able to evaluate at any time in the P=PERSONAL window the radio stations you want and "see" if you hear them.

PACKET RADIO – SPOT – RTX/RADIO COMMAND CONNECTION

CLICK on CALLSIGN	Data in FASTINPUT or Data in PACKET STATS Selection of FREQUENCY, MODE and BAND sent to your RTX which if correctly connected will immediately set to the announced frequency in the appropriate WAY.
----------------------	--

If it doesn't work with your radio, just send us the detailed recognition method and we will include it in future versions.

You need to look in your manual for:

- PC<>RTX / START OPENING DIALOGUE	- FREQUENCY CHANGE
- CHANGE WAY	- RESET

TCP MODE - INTERNET

WLOG2000, unique in its kind, completes and combines, by MIXING in the best way, the commercials coming from one or more TNCs with those coming from the DXCLUSTER network on the internet. You will see how fabulous it is to receive SPOT from foreign or local systems, mixed by band mode etc... and chosen from your personalized options for mode, text, band and alarm.

The new window introduced and updated in the following versions also applies the frequency slices involved in certain filters and announcements.

This frequency configuration, see default, is used to have filter announcements only on certain bands or frequencies. Just try it and you will immediately see the results with each new dxspot.

With the new configuration of WLOG2000, in addition to being more visible and simplified, we also find the new configuration mode for the DxCluster part:

Wlog2000 - Config Menu

0 + User Settings	Spot Grabber for Radio QSY & Voice Play (COLOR=YELLOW) <table border="1"> <tr><td>1</td><td><input checked="" type="checkbox"/></td><td>1</td><td>To</td><td>140</td><td>kHz</td><td>8</td><td><input checked="" type="checkbox"/></td><td>21000</td><td>To</td><td>21500</td><td>kHz</td></tr> <tr><td>2</td><td><input checked="" type="checkbox"/></td><td>1800</td><td>To</td><td>2000</td><td>kHz</td><td>9</td><td><input checked="" type="checkbox"/></td><td>24500</td><td>To</td><td>25000</td><td>kHz</td></tr> <tr><td>3</td><td><input checked="" type="checkbox"/></td><td>3500</td><td>To</td><td>3950</td><td>kHz</td><td>10</td><td><input checked="" type="checkbox"/></td><td>28000</td><td>To</td><td>30000</td><td>kHz</td></tr> <tr><td>4</td><td><input checked="" type="checkbox"/></td><td>5000</td><td>To</td><td>7250</td><td>kHz</td><td>11</td><td><input checked="" type="checkbox"/></td><td>50000</td><td>To</td><td>54000</td><td>kHz</td></tr> <tr><td>5</td><td><input checked="" type="checkbox"/></td><td>10000</td><td>To</td><td>10150</td><td>kHz</td><td>12</td><td><input checked="" type="checkbox"/></td><td>70000</td><td>To</td><td>74000</td><td>kHz</td></tr> <tr><td>6</td><td><input checked="" type="checkbox"/></td><td>14000</td><td>To</td><td>14400</td><td>kHz</td><td>13</td><td><input checked="" type="checkbox"/></td><td>144000</td><td>To</td><td>440000</td><td>kHz</td></tr> <tr><td>7</td><td><input checked="" type="checkbox"/></td><td>18000</td><td>To</td><td>18500</td><td>kHz</td><td>14</td><td><input checked="" type="checkbox"/></td><td>1200000</td><td>To</td><td>10000000</td><td>kHz</td></tr> </table>	1	<input checked="" type="checkbox"/>	1	To	140	kHz	8	<input checked="" type="checkbox"/>	21000	To	21500	kHz	2	<input checked="" type="checkbox"/>	1800	To	2000	kHz	9	<input checked="" type="checkbox"/>	24500	To	25000	kHz	3	<input checked="" type="checkbox"/>	3500	To	3950	kHz	10	<input checked="" type="checkbox"/>	28000	To	30000	kHz	4	<input checked="" type="checkbox"/>	5000	To	7250	kHz	11	<input checked="" type="checkbox"/>	50000	To	54000	kHz	5	<input checked="" type="checkbox"/>	10000	To	10150	kHz	12	<input checked="" type="checkbox"/>	70000	To	74000	kHz	6	<input checked="" type="checkbox"/>	14000	To	14400	kHz	13	<input checked="" type="checkbox"/>	144000	To	440000	kHz	7	<input checked="" type="checkbox"/>	18000	To	18500	kHz	14	<input checked="" type="checkbox"/>	1200000	To	10000000	kHz
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2		<input checked="" type="checkbox"/>	1800	To	2000	kHz	9	<input checked="" type="checkbox"/>	24500	To	25000	kHz																																																																									
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2 + Qso																																																																																					
3 + Qsl																																																																																					
4 + Input / Output																																																																																					
5 + Awards																																																																																					
6 + Layout																																																																																					
7 + Log mode / AlertSpot																																																																																					
8 + Statistics																																																																																					
9 + Audio & Speech																																																																																					

Spot Grabber-Filter's for [PER]sonal PacketRadio window (COLOR=CYAN)

All DX targets:

PSK	RTTY	P3D	AO40	SAT	SSTV
II	WPX	RARE	OSCAR	IOTA	AF
EU	NA	SA	AS	AN	OC

Grab [Per]sonal Spot from kHz to kHz in [PER] on GREY!

Grab special Alarm from kHz to kHz in [PER] on GREY!

Save config

Exit without save

Reset to default settings

MULTI CONFIG

- HF+SAT
SAVE Title
- HF
SAVE Title
- SAT
SAVE Title

This is the configuration of the TELNET system window that can be retrieved via the internet terminal

CH A <1.8 3.5 7.0 10 14 18 21 24 28 50 144> TCP

131.114.192.6:23:IK5PWJ
 ne7l.qrq.com:8000:NC7J
 209.140.73.6:8000:NC7J
 156.46.191.191:23:NAME
 gate.wu3v.net:23:WU3V
 migate.ampr.org:23:NAME
 sapgate.freeway.net:23:NAMI
 205.148.193.32:23:NAME

tcp IP OPEN CLOSE

cmd

dx TK AN X

1 2 3 4 5 P

All you need is a CLICK and an OPEN to directly reach the dxcluster on the incredibly fast TCP INTERNET network.

You can also simply issue PACKET and TCP commands at the same time from the same window and get all the relevant details.

WEB CLUSTER

An interesting new MENU allows you to access a very fast Web browser (editor's note: now limited due to the lack of Microsoft updates on Internet Explorer) which quickly connects to the WWW internet network to find important information relating to DXCLUSTER but also for browsing or to download certain WLOG2000 updates or upgrades simply with a CLICK without loading your normal browser.

WLOG2000 BROWSER also has predefined keys, for exclusive use by Dxcluster in order to quickly receive the requested information.



You can therefore navigate or simply click on the predefined buttons and you will immediately have the latest SPOT available as desired, the server also allows a REALTIME update every minute.

STATS WINDOW

TIME (+) 10:38 JJ40AW MAP F12

QRB 5033 Km SP 181 LP 1 °

COUNTRY Gabon

PKT ALL

BAND	0.134	144	432	1200	4010	4021	4013	RS10	RS15	50
Mhz										
DXC	TR	N	N	W	N	N	N	N	N	C
WPX	TR6	N	N	N	N	N	N	N	N	N
WAZ	36	N	N	W	N	N	N	N	N	C
ITU	52	N	N	W	N	N	N	N	N	C
WAC	AF	N	N	W	N	N	N	N	N	C
SQR	JJ40	N	N	W	N	N	N	N	N	N

Click For status QsoList!

Detailed information on your QSO just inserted in fastinput or click on the dxcluster including the immediate status of the major diplomas used internationally. Furthermore, with the W. and I. switches you can update both WAZ and ITU for example during a contest, simply W.3 changes a W7 callsign from the default zone 5 in WLOG2000.dat to ZONE 3 etc...

N=NEW W=WORKED C=CONFIRMED

Place the mouse on a window or click for info.

A very important and useful window as well as interesting for the purpose of our connection. I feel like I'm back at school (even though I'm there day and night with my students) hearing the kids exchange stickers and say to each other as they run them through their hands: - I have it, I don't have it!

In fact, we too, as radio communication enthusiasts, are always looking for the new country, the new locator or square, the new wpx prefix, the new dxc country etc... and here WLOG2000 allows us to see this without having to scroll through the various stickers " that is, our connections.

So, after having chosen the 10 bands for the statistics in CONFIGURATION, which can then be modified at any time, WLOG, in addition to immediately giving us the status of the connection, informs us on how and where we are missing this possible country that the DXCLuster sends us or that we ourselves typed in order to complete or rather continue our "collection" of names.



10 bands immediately to choose from the configuration menu. Choose ALL for all.

A simple click in the relevant window/box, and the QSOs made in that specific diploma for that specific sector are immediately listed.

Already at a glance we have the status of the possible connection.

Enter a locator and you will immediately see if and where you are missing.

Write a name and in addition to the information, you will also know if and where you are missing.

It will take a little practice to quickly use this system with the mouse and its click, but the title of the window that appears should be more than simple to understand and use.

In each box therefore appears an "N" for NEW, a "W" for WORKED i.e. connected (the classic "I have it, I don't have it, I have it...") or a "C" for CONFIRMED, i.e. confirmed (Possibly also "D", i.e. used for a certain diploma described in its field, not currently active due to a clear reason for conflict between possible diplomas).

Two buttons are present:

1. put a callsign in FASTINPUT, press ENTER and by chance this callsign does not correspond to the STATS table presented due to your possible configuration error of WLOGDAT2000.TXT. Now by clicking on the RED BUTTON with ALL, the ENTIRE DXCC list is presented to you so that you can opt for a choice more suited to your correspondent. If you really can't find it, you can always manually enter the data in the STATS window in the DXC WAZ ITU WAC fields or via the switches, as the others update according to your data entry in "LOG". Otherwise you can simply write the wrong sender data yourself manually.
2. if you want to receive CALLSIGN information for the DXCLUSTER window, you can simply click on the PKT button to have an additional window updated by your clicks on the PACKET RADIO windows.

By default WLOG2000 enters fields with "??", two question marks at every /MM or for unknown callsigns, which are then also saved as QSOs in the database.

A menu option allows us to reach all the fields with "???" for appropriate changes and corrections at any time.

Furthermore, by clicking on the various N – W – C or on the various signs and symbols of the window where a window appears at the MOUSE pointer, the EDIT window appears with the requested information as a very simple double entry table!

CLICK on WPX and here all the WPXs with that variable appear in EDIT, CLICK on the little square made up of "W" between WAZ and BAND and here the EDIT appears with that specific QUERY, without having to type anything.

But how, have I already made (W) a VP2E in 50Mhz? Just one click and you will see who, how, where and when! And so on for each of those 60 tables.

DD59 in 144 ? How is it possible? Here at the CLICK you will discover that you did it via satellite or EME or maybe TOO... MAYBE.... etc.

PACKETSTATS

When activated from the STATS window, on the PKT button, it does the same thing as for STATS except that this time it is updated not from the FASTINPUT but simply by clicking on a name present on the PACKET RADIO window.

Just a DOUBLE click is enough to have all the relevant details and if the "CAPTURE" or "SELECTION" of your mouse is correctly set, you will have the exact details of the corresponding one to see if you are missing it or if you have already connected it.

It will then be up to you to enter the data or simply close the PACKETSTATS and click again on the callsign in the packet window to see it quickly appear in your FASTINPUT for the appropriate choice!

STATS and PACKETSTATS SEARCHES

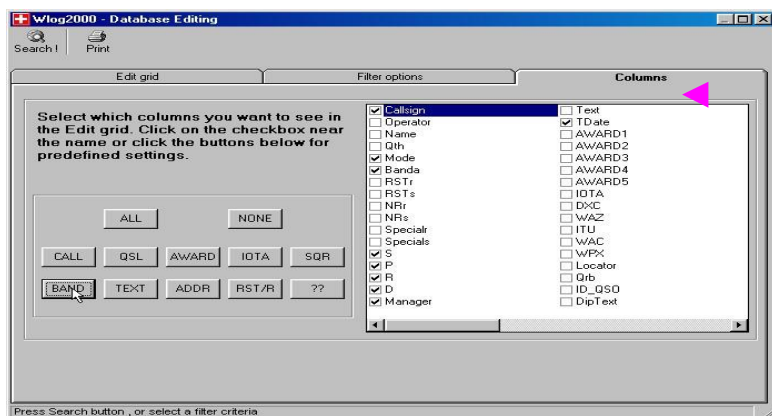
The STATS and PACKET STATS windows (the ones with the statistics) allow a single or double click to be alerted on that type of box.

IMPORTANT INFORMATION WHEN CLICKING ON STATS:

That is, if you click on the box with “N” or “W” or “C” or “D” you will have the search sequence for that DXC WPX WAZ ITU WAC SQR diploma for that band.

If, however, you only click on the result of the DXC WPX WAZ ITU WAC SQR diploma, you will have a search in the entire LOG for that diploma.

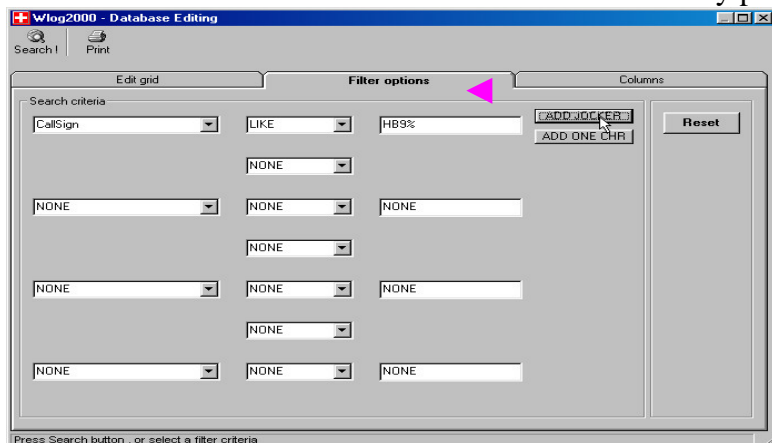
EDIT - DATABASE SEARCHES



Choice 1, what to view in the table list to modify. An easy combobox allows you to select on click with predefined keys and a user key

A month of work just to have reliable and functional research for all of WLOG2000 was the essential project of the month of August.

Everything had to work as I needed and the problem was to make the search system interactive, which should be able to create detailed searches in every part of the program.



Choice 2, an easy combobox helps us select WHICH QSOs to view with WINDOWS and CHARACTERS of choice for each WLOG storage option which thus allows any type of re-search.

The aim, even if not really of radio radio interest, is to be able to find all the names starting with H who have the WAC EU and who are called "MARCO".

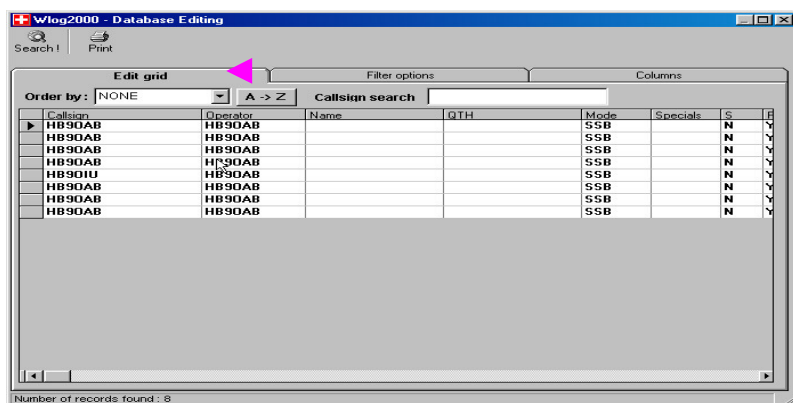
Well, not very useful but a well-structured and ready-to-purpose system allows this too. So let's imagine looking for all the connected HB9s of the H26=TI or all the H26s or all the QSOs made with IOTA on AO10 or to view them and perhaps print detailed lists... etc... etc...

SEE SEARCH EXAMPLES IN THE [SEARCH MENU]

One thing that is increasingly requested is not so much INSTANT research but a detailed search of certain connections made, either out of pure curiosity or for various modifications.

Here an intuitive table allows you to select your QSOs as you like.

From the DATABASE MENU we will be able to opt for a new type of search where we will choose what and how to search as we like.



Choice 3, for what to view the table list to modify. Any changes made in the table will be easily and automatically saved.

A couple of further keys allow you to select an alphabetical order, to modify or simply list or print our data, to quickly search for a name and everything you wish to modify in your LOG you can simply do without any problem SWL OPTION

As described WLOG2000 allows it to be configured for:

OM LOG	OLD MAN	for amateur radio reception/transmission
LOG SWL	SHORT WAVE LISTNER	for amateur radio reception only
LOG CB	CITIZEN BAND	for CB reception/transmission(OFFLINE)
LOG BCL	BROADCAST LISTNER	for receiving BroadCast RADIO stations

SWL LOG MODE

Essentially everything remains the same but the RS/RST NR and SPECIAL TX ratios are not used while a CALL CALL1 CALL2 system is essentially used, i.e. when I send a postcard to confirm listening you should usually insert the "WHO HE WAS TALKING WITH".
So 2 further fields have been added:

CALL1 – CALL2

- 1.CALLSIGN (command switch FastInput <ONE-POINT + CALLSIGN>)
- 2.CALLSIGN (command switch FastInput <DOWN-DOT + CALLSIGN>)

Then enter the CALLSIGN normally and their corresponding one(s) with the manual commands in the CALL1 and CALL2 field or from FastInput with the switches described.

Now, here too, an exclusive peculiarity of WLOG2000, it is possible to SAVE and at the same time SWAP, for example, CALL1 or CALL2 with the CALL to memorize the next QSO perhaps from the same station that spoke with the previous "CALL".

LOG-SWL summary table:

CALLSIGN	Direct FastInput in CALL (same as LOG-OM)
1.CALLSIGN	FastInput for CALL1
1.	Clear CALL1 field
2.CALLSIGN	FastInput for CALL2
2.	Cancel CALL2 field
F10	Save and clear the fields
CTRL-1	Save and SWAP CALL1 with CALL0
CTRL-2	Save and SWAP CALL2 with CALL0
ESC ESC	Reset the fields

A practical example of use:

I listen to 3D2XXX making a QSO with VP8YYY and then with VP2E/HB9OAB. I am interested in the three QSOs.

I enter CALLSIGN 3D2XXX and CALL1 VP8YYY while CALL2 I enter VP2E/HB9OAB

CALL= 3D2XXX

CALL1=VP8YYY

CALL2=VP2E/HB9OAB

Since I am interested in the three names I press CTRL-1 which saves and SWAPP CALL with CALL1 WLOG2000 saves the data and returns me to LOG:

CALL=VP8YYY

CALL1=3D2XXX

CALL2=VP2E/HB9OAB

It is clear now that CALL2 does not make a QSO with CALL so either I cancel it or, since it is in operation SWAPP active, any save I make CALL2 will not be saved!!! (SUPER) but it is only shown in GRAY on GRAY to be able to swap it again unless it is replaced further which resets the NON SAVE..

Now wanting to save and swap the second listening too, I press CTRL-2:

CALL=VP2E/HB9OAB

CALL1=3D2XXX

CALL2=VP8YYY

Also here in gray on gray is CALL2 which is no longer saved as it is not in a QSO with CALL unless it is replaced.

Same thing for the opposite case, first CALL2 then CALL1 etc...

At the end of the various SWAPP choices, i.e. to save the last SWAPP, I press the classic F10 which saves and restores the FREE QSO status for further data entries.

Or simply if I decide NOT to save the last SWAPP, just press ESC-ESC to cancel and restore everything. Note that the various SWAPP data are deleted, only the usual report and the various predefined info remain available during data entry.

Furthermore, it is not necessary to use CALL2, you can easily leave it empty and just use either F10 or CTRL-1 for SAVE and SWAPPING at your discretion.

RACKET RADIO: here the SWL can afford to position itself in a racket frequency in monitor (listening only) and echo that WLOG2000 interprets the TNC data with "MONITOR ON" everything that passes and above all, even if it passes 100 times the exact same dxSPOT, WLOG2000 checks each entry and shows by sectoring only 1.

The problem that arose was to be able to monitor a DXCLUSTER even in the absence of users and here again WLOG2000 allows you to receive DxSPOT even without users connected to the DXCLUSTER, just position yourself on the forwarding frequency "FWD" nodes that you can request from the various SYSOPs (specifying the reason) and WLOG2000 also interprets the various SPOT TALK ANNOUNCEs of the incomprehensible Forwarding Node Cluster traffic without any problem.

For the rest, refer to the previous OM instructions.

CB LOG MODE(it has currently been disabled/abandoned due to lack of interest)

WLOG2000 also allows you to use internationally recognized acronyms such as definitions of ZONE and COUNTRY.

BUT PAY ATTENTION to the premise:

TRANSMITTING ON OUT-OF-BAND CB FREQUENCIES is, in many countries, STRICTLY PROHIBITED.

WLOG however helps the CB-SWL in recording any listening to ZONES defined by the main AT group with acronyms of the type:

XX YY ZZ of the type: 15XX124

XX = NUMERICAL ZONE OF THE COUNTRY

YY = RECOGNITION OF THE GROUP TO WHICH THEY ARE BELONGING (COMPANY)

ZZ = USER OF THAT GROUP – IDENTIFIER

And with its various standard forms of the type [xx/yyzzqq] or [yyzzqq/xx] where the "/" sign indicates the station where it is portable: 12/15xx124 as in the OM amateur radio sector.

A table that can be inserted as desired from the menu will show you the exact area of origin of the CALL, just as F12 will show you both the area and, if the DXC for that country is present, it will give you the dedicated ZOOM.

CD-ROM

The configurations for the CDROMs of most general use are inserted in CONFIG, others can be added as soon as the authors of the CALLBOOKS send us the "sources" of use of their databases, also because WLOG2000 advertises these CDROMs FOR FREE and we require at least the sources of use and reading of databases not produced by us and in non-standardized formats. First we will therefore have to enter CONFIG and choose the 3 CDROM options both as peripheral and model of the CD itself from which to read the options. Also remember to validate the automatic search for NAME – QTH – LOCATOR from the CDROM in the appropriate options in CONFIG.

it will then be sufficient to insert the CDROM into the appropriate validated peripheral and enter the CALLSIGN.

You can also create virtual CD/DVDs and use that virtual device or copy the path with the data

from the CD/DVD to your HD and use the directory on your HD.

The options are:

CALLSIGN NO DATA RECOVERY
DATA RECOVERY FROM
OLDQSO DATA RECOVERY
FROM CDROM
DATA RECOVERY FROM OLDQSO OR, IF NOT PRESENT, FROM CDROM

Furthermore, a KEY that appears only with the CDROM active, forces the reading of the CD even if we have entered the data manually.

In fact, it could happen that by incorrectly writing the CALLSIGN data, the NAME QTH LOCATOR data are also incorrectly updated, then by changing the CALLSIGN these obviously remain unchanged (see the reason below).

By clicking on the DISC/CD you will update the data from the CD.

In fact, the data on the CD could also be incorrect or have changed or something else and if I forcefully wrote the LOCATOR or the QTH manually and the CD overwrites them, it would be complicated to have to rewrite them again.

However, remember that a simple SWITCH Q. or N. or L. without data deletes the contents of QTH, NAME and LOCATOR (and all the others) from FASTINPUT

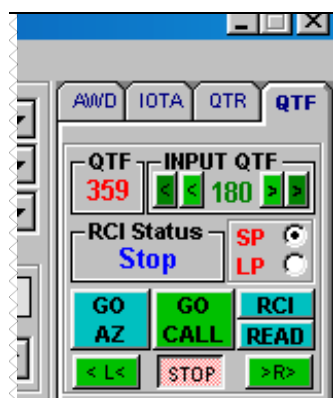
ROTOR CONTROL

A very interesting and convenient option included in WLOG2000 is the ability to rotate the antennas automatically with the help of the appropriate hardware.

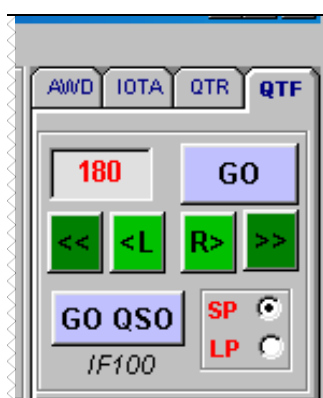
At the moment the best and most well-known automatic aiming systems of the type: ARSWIN

are included dialogue via DDE - SARTEK dialogue via DDE - IF100amsat dialogue via

LPT

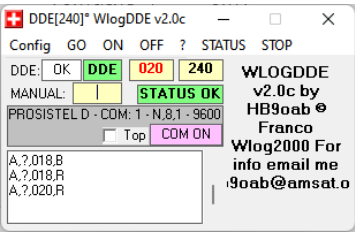


LOG window



Moello activation
Of SARTEK in
WLOG2000 A
0ARSWIN
The rotor commands can be
activated both from the LOG
window (see excerpts in
fig.Wlog2000 alongside)
and from the MAP with a
simple click (photo below)

WlogDDE rotor APP Adding in MAP – or press F12



For the first two, the original pointing products with their ARSWIN.EXE or SARTEK.EXE software are obviously essential to allow the system to interact with your CONTROL BOX. There are many different possibilities for modifying the aiming:

AUTOMATIC FROM FASTINPUT	as I enter CALLSIGN the antenna rotates
MANUAL by NUMBER OF DEGREES	from the appropriate rotor control window
MANUAL to CALLSIGN	from the command window adapts to
CALLSIGN	
FROM THE GRAPHIC MAP	from the MAP (F12) with a simple click on the map
FROM SP/LP COMMANDS	automate LONG PATH or SHORT PATH
GIVE COMMANDS +/- 1/10	choice automatic aiming

Remember that in order to use DDE dialogue pointing, you must install the ARSWIN or SARTEK programs depending on your CONTROL BOX model.

A sound will confirm the command entered to the rotor and by checking on your control box you will see the antennas turn in the desired direction.

IMPORT EXPORT – ASCII / ADIF

WLOG2000 allows the best universal IMPORT EXPORT systems and in this regard we have ONLY forced within WLOG2000 the universal export of all programs in ADIF – AMATEUR DATA INTERCHANGE FORMAT mode, universal in the best existing programs leaving all external applications and some additions made for operational needs in the following versions.

Our problem during an IMPORT was to be able to have some VERY IMPORTANT applications in ubn IMPORT from one software to another.

The DXC WAZ WAC ITU SQR LOCATOR WPX etc... control is in my opinion indispensable for a valid program, and above all, if this information is already entered, verify it, check it and, if necessary, correct and transcribe it.

Furthermore, WLOG2000 can tell you what it doesn't like and creates an IMPEXP\IMPORT.ERR file containing two lines for each error:

FIRST LINE : type of error encountered when importing the
RECORDSECOND LINE : the offending line.

You therefore have the arduous task of fixing the errors with a very simple text EDITOR such as NOTEPAD or other ASCII treatment.

For example, personally in the tests I did, exporting from SWISSLOG and importing around 10,000 pieces of data (ten thousand) as well as taking very little time, I found "program transition" errors and in total there were only 20.

Furthermore, by selecting a certain sequence of data, you will be able to export only that table decided by your research.

Here is the data for the ADIF format to refer to for your transformations:

EXPORT ADIF example file (ONLY the fields used are present):

in particular DXC is replaced with an ADIF – ARRL reference NUMBER which you can request from me which I have modified both alphabetically and numerically and which you can find in the WLOG2000.DAT first line COUNTRY with ADIF:xxx

----cut----

WLOG2000 ADIF 1.0 EXPORT added with Wlog ADIF more standards tips

Write info or suggestions to toh90ab@amsat.org

WLOG2000 Home page: <http://start.at/wlog>

ATTENTION: wlog import/export ADIF is only with single LINE to eor

ADIF 1.00 compatible with WLOG_ADD_ITEM

<adif_ver:4>1.00

<eor>

```
<CALL:6>OH1LEG<SOLOCALL:6>OH1LEG<OPERATOR:4>BETA<MODE:3>SSB<BAND:2>50<RST_RCVD:2>59<RST_SENT:2>59<QSL_SENT:1>N<QSL_PRINT:1>Y<QSL_RCVD:1>N<QSL_DIPLOMED:1>N<QSL_VIA:6>OH1LEG<QSO_DATE:D:8>20000423<TIME_OFFSET:6>203605<TIME_ON:6>203605
<DXCC:2>OH<PFX:3>OH1<CQZ:2>15<ITUZ:2>18<CONT:2>EU<ID_QSO:1>0<DATAMERGE:D:6>20000423<eor>
<CALL:5>PT2CC<SOLOCALL:5>PT2CC<OPERATOR:4>BETA<NAME:4>MARC<MODE:3>SSB<BAND:2>50<RST_RCVD:2>59<RST_SENT:2>59<QSL_SENT:1>N<QSL_PRINT:1>Y<QSL_RCVD:1>N<QSL_DIPLOMED:1>N<QSL_VIA:5>PT2CC<QSO_DATE:D:8>20000423<TIME_OFFSET:6>203706
<TIME_ON:6>203706<DXCC:2>PY<PFX:3>PT2<CQZ:2>11<ITUZ:2>15<CONT:2>SA<ID_QSO:1>1<DATAMERGE:D:6>20000423<eor>
<CALL:6>KP4EIT<SOLOCALL:6>KP4EIT<OPERATOR:4>BETA<MODE:3>SSB<BAND:2>50<RST_RCVD:2>59<RST_SENT:2>59<QSL_SENT:1>N<QSL_PRINT:1>Y<QSL_RCVD:1>N<QSL_DIPLOMED:1>N<QSL_VIA:6>KP4EIT<QSO_DATE:D:8>20000423<TIME_OFFSET:6>203736<TIME_ON:6>203736
<DXCC:3>KP4<PFX:3>KP4<CQZ:2>08<ITUZ:2>11<CONT:2>NA<ID_QSO:1>3<DATAMERGE:D:6>20000423<eor>
<CALL:5>WA2QW<SOLOCALL:5>WA2QW<OPERATOR:4>BETA<MODE:3>SSB<BAND:2>50<RST_RCVD:2>59<RST_SENT:2>59<QSL_SENT:1>N<QSL_PRINT:1>Y<QSL_RCVD:1>N<QSL_DIPLOMED:1>N<QSL_VIA:5>WA2QW<QSO_DATE:D:8>20000423<TIME_OFFSET:6>203803<TIME_ON:6>203803
<DXCC:1>K<PFX:3>WA2<CQZ:2>05<ITUZ:2>08<CONT:2>NA<ID_QSO:1>3<DATAMERGE:D:6>20000423<eor>
<CALL:6>HB9OAB<SOLOCALL:6>HB9OAB<OPERATOR:4>BETA<MODE:3>SSB<BAND:2>50<RST_RCVD:2>59<RST_SENT:2>59<QSL_SENT:1>N<QSL_PRINT:1>Y<QSL_RCVD:1>N<QSL_DIPLOMED:1>N<QSL_VIA:6>HB9OAB<QSO_DATE:D:8>12221212<TIME_OFFSET:6>121212<TIME_ON:6>121212
<DXCC:3>HB9<PFX:3>HB9<CQZ:2>14<ITUZ:2>28<CONT:2>EU<ID_QSO:1>5<DATAMERGE:D:6>20000424<eor>
<CALL:5>CT1WE<SOLOCALL:5>CT1WE<OPERATOR:4>BETA<MODE:3>SSB<BAND:2>50<RST_RCVD:2>59<RST_SENT:2>59<QSL_SENT:1>N<QSL_PRINT:1>Y<QSL_RCVD:1>N<QSL_DIPLOMED:1>N<QSL_VIA:5>CT1WE<QSO_DATE:D:8>20011212<TIME_OFFSET:6>121212<TIME_ON:6>121212
<DXCC:2>CT<PFX:3>CT1<CQZ:2>14<ITUZ:2>37<CONT:2>EU<ID_QSO:1>6<DATAMERGE:D:6>20000424<eor>
<CALL:6>HB9OAB<SOLOCALL:6>HB9OAB<OPERATOR:4>BETA<MODE:3>SSB<BAND:2>50<RST_RCVD:2>59<RST_SENT:2>59<QSL_SENT:1>N<QSL_PRINT:1>Y<QSL_RCVD:1>N<QSL_DIPLOMED:1>N<QSL_VIA:6>HB9OAB<QSO_DATE:D:8>20000424<TIME_OFFSET:6>020707<TIME_ON:6>020707
<DXCC:3>HB9<PFX:3>HB9<CQZ:2>14<ITUZ:2>28<CONT:2>EU<ID_QSO:1>7<DATAMERGE:D:6>20000424<eor>
```

----cut----

' item for NAME and LENGTH of the

field ' item FIELDNAME for ADIF

' item NRFIELD by length in WLOG

```
FieldName(1) = "CALL"
FieldNumber(1) = 20
FieldName(2) = "SOLOCALL"
FieldNumber(2) = 10
FieldName(3) = "OPERATOR"
FieldNumber(3) = 10
FieldName(4) = "NAME"
FieldNumber(4) = 15
FieldName(5) = "QTH"
FieldNumber(5) = 15
FieldName(6) = "MODE"
FieldNumber(6) = 5
FieldName(7) = "BAND"
FieldNumber(7) = 5
FieldName(8) = "RST_RCVD"
FieldNo(8) = 3
FieldName(9) = "RST_SENT"
FieldNo(9) = 3
FieldName(10) = "SRX"
FieldNo(10) = 5
FieldName(11) = "STX"
FieldNo(11) = 5
FieldName(12) = "SPECIALr"
FieldNr(12) = 5
```

```

FieldName(13) = "SPECIALs"
FieldName(13) = 5
FieldName(14) = "QSL_SENT"
FieldName(14) = 1
FieldName(15) = "QSL_PRINT"
FieldName(15) = 1
FieldName(16) = "QSL_RCVD"
FieldNr(16) = 1
FieldName(17) = "QSL_DIPLOMED"
FieldNumber(17) = 1
FieldName(18) = "QSL_VIA"
FieldNumber(18) = 10
FieldName(19) = "COMMENT"
FieldNumber(19) = 60
FieldName(20) = "QSO_DATE"
FieldNumber(20) = 20
FieldName( 21) = "AWARD1"
FieldNr(21) = 10
FieldName(22) = "AWARD1n"
FieldNr(22) = 8
FieldName(23) = "AWARD2"
FieldNr(23) = 10
FieldName(24) = "AWARD2n"
FieldNr( 24) = 8
FieldName(25) = "AWARD3"
FieldNr(25) = 10
FieldName(26) = "AWARD3n"
FieldNr(26) = 8
FieldName(27) = "AWARD4"
FieldNr(27) = 10
FieldName(28) = "AWARD4n"
FieldNr(28) = 8
FieldName(29) = "AWARD5"
FieldNr(29) = 10
FieldName(30) = "AWARD5n"
FieldNr(30) = 8
FieldName(31) = "IOTA"
FieldNr(31) = 10
FieldName(32) = "IOTAn"
FieldNr(32) = 8
FieldName(33) = "DXCC"
FieldNr(33) = 6
FieldName(34) = "PFX"
FieldNr(34) = 8
FieldName(35) = " CQZ"
FieldNr(35) = 2
FieldName(36) = "ITUZ"
FieldNr(36) = 2
FieldName(37) = "CONT"
FieldNr(37) = 2
FieldName(38) = "GRIDSQUARE"
FieldNr(38) = 6
FieldName(39) = "SQR"
FieldNr(39) = 4
FieldName(40) = "QRBkm"
FieldNr(40) = 10
FieldName(41) = "QSO_ID"
FieldNr(41) = 6
FieldName( 42) = "SWLCALL1"
FieldNr(42) = 20
FieldName(43) = "SWLCALL2"

```

```

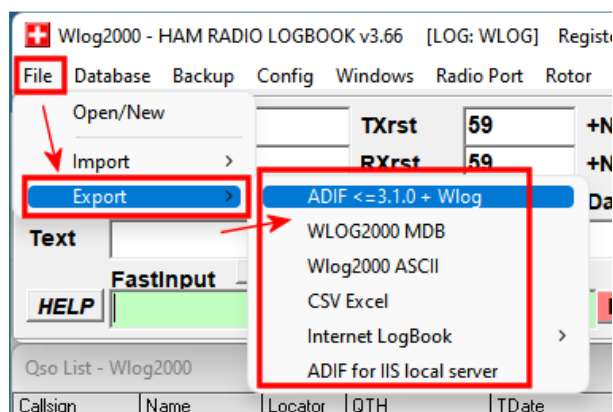
FieldNr(43) = 20
FieldName(44) = "ADDRESS"
FieldNr(44) = 80
FieldName(45) = "DATAMERGE"
FieldNumber(45) = 20
FieldName(46) = "DIPTXT"
FieldNumber(46) = 20
FieldName(47) = "QSLSDATE"
FieldNumber(47) = 20
FieldName(48) = "SAT_MODE"
FieldNumber(48) = 5
FieldName(49) = "TIME_OFF"
FieldNumber(49) = 6
FieldName(50) = "TIME_ON"
FieldNumber(50) = 6

```

Other fields have been added in the following versions to make updated ADIF import and export compatible such as “PROPMODE”, “SUBMODE”, etc... added to the ADIF file.

For any of your ASCII MDB VB or C+ applications, here is the sequence of data that WLOG2000 imports into its database system and the respective lengths of the fields also described above, the names are exactly the record fields of the mdb file created by WLOG2000.

SELECTIVE EXPORT FROM ONE DATE OR OTHERWISE TO ADIF



When choosing an EXPORT there are several possibilities:

ADIF	modecurrent adif
WLOG2000MDB	standard access format asmdb
WLOG2000 ASCII	formatseparate ascii (text).
CSV EXCEL	Standard EXCEL CSV format
INTERNET LOGBOOK	Create filesascii for WLOG2000 internet applet
ADIF FOR IIS LOCAL SERVER	To create a readable file from ourPHP

for the internet part, view our website<http://hb9oab.ddns.net/home/log.php>

In ADIF mode there is the possibility of choosing the export dates so as to carry out a specific export from a specific date or between two dates (minimum knowledge of SQL is required or copying as in the examples reproduced below to correctly write the dates and the essential syntax in the specified search SQLs.

In the examples shown, remember one important thing: THE DATE FORMAT

The DATE field (TDate) must necessarily be in the format mm/dd/yyyy hh:mm:ss

This is what the EXPORT ADIF choice looks like: (remember to put the “CHECK” on the SELECT DATE)

You can choose whether to enter the FREQUENCY, the BAND or both and the OPERATOR (if this is the case, remember that TQSL uses the operator if he is present to create and enter his own "LOG" referring to the registered name(s) .

In SELECT DATE enter the search with the date:

- > greater than
- < less than
- = equal to (be careful that with the time it will be unlikely to find QSOs)
- >= greater than and equal to (inclusive)
- <= less than and equal to (inclusive)

EXAMPLES DATE (**IMPORTANT: FORMAT MM/DD/YYYY HH:MM:SS**):

therefore format MONTH/DAY/YEAR HOUR:MINUTE:SECOND

01/01/2020 00:00:00 ><= of January 1, 2020 from 00:00:00

01/12/2020 00:00:00 ><= of 12 January 2020 from 00:00:00

The format of the search SQL criterion will thus be created by the program itself by writing only the date for the QSOs from 12 January 2020 to the last QSO:

01/12/2020 00:00:00

TRICK FOR DOUBLE DATE ENTRY being free entry:

As in the HELP above and inside the "?" of the EXPORT ADIF window, it is possible to choose to "improve" and expand the SQL TDATE (cheating the entry in a certain way) which by default will automatically put its "#" symbol before and after the date so we will have to insert it inside and therefore we will have to write for example

for the connections (QSO in the LOG) for the month of March 2020, from 1 to 31 March 2020 from 00:00:00 to midnight on the 31st:

>= MM/DD/YYYY HH:MM:SS# and TDate < #MM/DD/YYYY HH:MM:SS

On actual date:

>= 03/01/2020 00:00:00# and TDate < #04/01/2020 00:00:00

Or (you're spoiled for choice)

>= 03/01/2020 00:00:00# and TDate <= #03/31/2020 23:59:59

IMPORTANT:
the word/field 'TDate' (so called for the DATE) is rightly written and used that way!

It is also important to diversify the use of
> or >= i.e. “greater” or “greater and equal”
or
< or <= “less than” or “less than and equal”

Which will therefore automatically create for the first case the search SQL in the program which we however do not see within the program:

log search... WHERE TDate >= #03/01/2020 00:00:00# and TDate < #04/01/2020 00:00:00#

>= 03/01/2020 00:00:00# and TDate <= #03/31/2020 23:59:59

Furthermore, for those familiar with SQL and MISCELLANEOUS SEARCHES in MDB, it would also be possible in this section of the DATE to insert and further expand the export between two dates as in these examples:

03/01/2020 00:00:00# and Name = 'STEVEN' and TDate <= #03/31/2020 23:59:59
>>>LOG between the two DATES only with NAME STEVEN

03/01/2020 00:00:00# and Mode = 'FT8' and TDate <= #03/31/2020 23:59:59
>>>LOG between the two DATES only with FT8 MODE

03/01/2020 00:00:00# and Band = '14.0' and TDate <= #03/31/2020 23:59:59
>>>LOG between the two DATES only in 14MHz

03/01/2020 00:00:00# and Band = '14.0' and Mode = 'FT8' and TDate <= #03/31/2020 23:59:59
>>>LOG between the two DATE only in 14MHz and only FT8

IMPORTANT here is the use of the apostrophe '

etc... etc... for any addition of OR/AND of any FIELD

Then the program will do an EXPORT ADIF ONLY OF THAT SPECIFIC LOG for those FIELDS that satisfy the SEARCH, FAST and IMMEDIATELY!

DATA FORMAT IN WLOGDATA.MDB AND IN THE ASCII FILE TO IMPORT

For those who want to work with the import, the table is compatible with the ACCESS format

The ASCII format of the data and their exact sequence is as follows (fields expanded in the following versions):

'	Call sign	1	dbtext	20		
'	S_Call	2	dbtext	10		
'	Operator	3	dbtext	10		
'	Name	4	dbtext	15		
'	QTH	5	dbtext	15		
'	Modes	6	dbtext	5		
'	Band	7	dbtext	5		
'	RSTr	8	dbtext	3		
'	RTDs	9	dbtext	3		
'	NRr	10	dbtext	5		
'	NRs	11	dbtext	5		
'	Specialr	12	dbtext	5		
'	Specials	13	dbtext	5		
'	S	14	dbtext	1	(QSL sent (Y/N))	
'	P	15	dbtext	1	(Qsl printed (Y/N))	
'	R	16	dbtext	1	(QSL received (Y/N))	
'	D	17	dbtext	1	(Diplomamed (Y/N))	
'	MANAGER	18	dbtext	10		
'	TEXT	19	dbtext	60		
'	At your place	20	dbdate	WINDOWS format [DD/MM/YYYY hh:mm:ss]		
'	AWARD1	21	dbtext	10		
'	AWARD1n	22	dbtext	8		
'	AWARD2	23	dbtext	10		
'	AWARD2n	24	dbtext	8		
'	AWARD3	25	dbtext	10		
'	AWARD3n	26	dbtext	8		
'	AWARD4	27	dbtext	10		
'	AWARD4n	28	dbtext	8		
'	AWARD5	29	dbtext	10		
'	AWARD5n	30	dbtext	8		
'	IOTA	31	dbtext	10		
'	IOTAn	32	dbtext	8		
'	DXC	33	dbtext	6		
'	WPX	34	dbtext	8		
'	WAZ	35	dbtext	2		
'	ITU	36	dbtext	2		
'	WAC	37	dbtext	2		
'	LOCATOR	38	dbtext	6		
'	SQR	39	dbtext	4		
'	QRB	40	dbtext	10		
'	QSO_ID	41	dblong	(QSO ID number, for reference)		
'	CALL1	42	dbtext	20 (Fields forSWL's)		
'	CALL2	43	dbtext	20		
'	Ind	44	dbtext	80 (Sender address for CB)		
'	DataMerge	45	dbdate	(Last Saved Date)		
'	DipText	46	dbtext	20 (Diploma text)		
'	QSLsDate	47	dbdate	(Shipping dateQSL)		
'	SatMode	48	dbtext	5		

Data regarding the creation of the database for the LOG

These 48 fields are separated by a VERTICAL BAR (classic "|") with START AND END:

|FIELD1|FIELD2|FIELD3|FIELD4|FIELD5|FIELD6|FIELD7|FIELD8||FIELD48|...

IMPORTANT ATTENTION:

-NOTE 1: a slash at the beginning of the line opens the dialogue with WLOG2000 and closes it with a SLASH at the end

-NOTE 2: the fields or rather the spaces must always be 48 in total

-NOTE 3: a special search algorithm allows you to have NO particular columns, so if you set your transformation application from EXCELL or other programs, it is enough that each field as defined above is contained from start to end by the vertical bar "|" precisely in 48 fields correctly entered in sequence.

-NOTE 4: if a field in your LOG does not exist, this must necessarily be placed with two vertical bars separated by at least one space like this:

|FIELD1|FIELD2| |FIELD4|FIELD5| | |FIELD9| etc....

WLOG2000 notices the empty field and reasons accordingly, leaving the imported field empty (remember AT LEAST one space).

Furthermore, if the DXC is correct and a WAC WAZ ITU is "empty" or "??", it carries out an automatic check of the WAC WAZ ITU diplomas by updating itself ONLY IF IT DOES NOT EXIST, it also checks the format of the SQR, and last but not least, verifies that the "DXCC" entered is identical to that of WLOG2000, automatically verifying it from the updated WLOG2000.dat to avoid double DXCC.

Check the RS or RST ratio for the modes in use, check that the MODE and BAND are identical to the CFG lists present in BAND.cfg - MODE.cfg and the last entered field SAT.cfg

And it doesn't end there: if during the import it finds an error, a piece of data that it doesn't like to import, it updates a file

\impexp\IMPORT.ERR containing the offending line and the specific error type, telling you where the error is located in one of the 48 fields to import.

A simple editor then allows you to edit this line (notepad.exe or wordpat.exe) and after saving it, import the file directly as it is, even with the comment lines that WLOG2000 automatically discards.

The ERROR.IMP file is deliberately not deleted by WLOG2000 but must be deleted manually; this avoids being accidentally deleted by losing unimported data.
Simply rename it or copy or delete it manually.

ASCII IMPORT MODE

It is clear that importing data from ASCII files is a difficult undertaking and must be prepared well. It is recommended to use either the mdb table or the ADIF format.

Here is the advice we can give you having programmed WLOG2000 to intervene in all those doubtful cases, even correcting particularly incorrect data or creating a list of incorrect data to be placed in the main import file.

REQUIRED MATERIALS: an ASCII text editor (the WINDOWS NOTEPAD.EXE is fine, in fact we use this one for its simplicity!)

But let's proceed in order and with our advice:

1. create the ASCII file to import with the default sequence just described and the 48 well aligned fields manually or using the various supports that will be created such as SWISSLOG ASCII2WLOG etc... according to availability and let's call it for example

- for simplicity with the classic PIPPO.TXT
2. there must be no empty fields, i.e. two vertical bars without at least one space
 3. enter the WLOG2000 program and from the ASCII IMPORT MENU select the file to import by selecting \IMPEXP\PIPP0.TXT
 4. DO AN IMPORT TEST FIRST!!!!
 5. check the file for errors by reading the \IMPEXP\IMPORT.ERR file
 6. NOW MODIFY YOUR PIPPO.TXT FILE according to the information you find in the \IMPEXP\IMPORT.ERR file
 7. do an IMPORT TEST OF THE PIPPO.TXT FILE again
 8. CHECK THE ERRORS AGAIN and so on until the IMPORT.ERR file is totally empty
 9. REBUILDING of statistics

RECURRING ERRORS:

The import.err file reports two lines per string to import with the details of the type of error encountered and the relative number. A further error such as 100 could occur due to anomalies in the line itself so it will be up to you to select the original line and check its contents.

There are many errors that come from other databases, which WLOG2000 tries to correct manually and when in doubt resolves with this import.err file to describe the inconvenience found.

Date errors: 02/30/1999 (February 30!!! which does not exist)

Time errors: 00:00:00 (which are not saved in a .mdb!!!) change to 00:00:01 24:00:00
(change to 23:59:59)

DXC errors perhaps completely absent or not compatible with WLOG2000.DAT i.e. for example HB instead of HB9 or vice versa EACM instead of EA9 and vice versa, or UAAS instead of UA9 or UAEU instead of UA and vice versa... so select carefully good compatibility between DXCC of the previous program with that of the WLOG2000.DAT list of WLOG2000. BAND MODE etc... everything must be present in the WLOG2000 configuration file otherwise it will not be accepted.

Will you notice errors like JN locators?? or other similar errors.

SWISSLOG IMPORT UTILITY APP by hb9oab-Franco: (for old versions of Swisslog DOS)

The latest versions of SWISSLOG are compatible with the international ADIF format. The WINDOWS version allows EXPORT to ADIF so just do EXPORT ADIF and then from WLOG IMPORT ADIF and you're done. Unfortunately, previous versions were not... here's how:

SWISSLOG WLOG2000 IMPORT UTILITY (for DOS VERSION OF SWISSLOG 3.xx)

1. copy [SWISSL999.fmt] into SWISSLOG directory
2. run DOS SWISSLOG 3.xx
3. MENU - SELECT QSO RECORD
4. MENU - SELECT
5. F8 or F9 for SORTING DATA
6. write ALL and press F2
7. PRESS F7
8. LIST FORMAT 999 (WLOG2000 EXPORT)
9. OutputDev via [F]ile
10. S-DATE select any
11. F10 to execute
12. OPTION TITLE FILE WLOG2000.txt and ASCII format

EXIT SWISSLOG

RUN WLOG2000 and worry simple

-> AFTER MAKE SECURITY BACKUP OF YOUR ACTUAL DATA

-> ATTENTION the file \impexp\ERROR.TXT is deleting before import

- OPTION FILE -> IMPORT -> ASCII
- SELECT FILE
- MAKE TEST to verify ERROR or incompatibility of data
- after TEST IMPORT read the file ...\\impexp\\error.err
- With any editor make all corrections on the MAIN file
- MAKE OTHER TEST IMPORT and correct the original .txt file

The second possibility is to make a simple direct IMPORT and after one complete CORRECTION on the DATA file error.txt RENAME THIS FILE and import this file directly

It is also possible to make other utility for to import/export all other data with exemple a AWARD VFX data.

If problem or suggestion write email with all info to WLOG2000 direction.

MERGE OSO

Work with a LOG on two computers, perhaps one at home, the other in the mountains. Certainly a big problem... just one of my main data storage problems.

Don't worry, WLOG2000 also takes care of this regardless of where or how you write the data and whether you import it into one or another PC.

Evidently, having to import and process one hundred thousand data twice a day, it could be quite laborious... and REBUILDING the statistics could make your Hard Disk tired...

With the advent of new and high-performance SSD peripherals, CPUs, etc., the DUPE CONTROL system was introduced in the ADIF IMPORT command. This therefore avoids importing double QSOs which have the same CALL MODE BAND DATE TIME and therefore are not imported avoiding DUPEs. Attention: other fields are NOT checked, so be careful if you intend to MERGE two WLOG2000 logs that the other options will only be taken into consideration at the FIRST of the list already present and not updated on the following type QSL R/S/P RST info text etc. ... Therefore ONLY QSOs with the CALL DATE BAND MODE and TIME fields are verified.

A further option will allow a subtle additional verification for DUPE LOGs, i.e. working in /P and working at HOME on two different PCs, you will be able to store your data independently of one of the two, such as FILE SYNC, which reacts on a field just inserted in the database which reports the DATE and TIME of the last modification to the field RECORD in question and then a lot of checks and verifications follow. Pay attention to what is explained above for DUPEs.

A problem with WINDOWS is the slowness of these controls which, despite the unique SQL used, make the CPU and HARD DISK work excessively if you have many QSOs.

SPACE OCCUPATION

As you may have already understood, WLOG2000 uses MDB database files, in practice WLOG2000 globally reconstructs all ACCESS2000 applications from the libraries to its entire

library of particular applications.

Simply click on the \data\wlog###.mdb file to load ACCESS2000 and you will have all your data at hand in the ACCESS2000 environment for your applications.

The various compression utilities and DATA accessories are included and automated in WLOG2000 which however also leaves free access from ACCESS2000.

A ZIP file, for example, solves space occupation and data passage on disk.

10'000 data (ten thousand) correspond to an .mdb file of approximately ~2.8MB while the same zipped file corresponds to just over 400kb. So it turns out that on a single disk it is possible to store up to over 30,000 pieces of data (thirty thousand)!

The same file in 5.7MB ASCII EXPORT goes on the fly and LESS THAN 400kb in ZIP file!!!

New ADIF EXPORT system also with AND or OR dates just write them in particular in the SQL.... request any information as attached here FOR EXAMPLE:

SPECIAL EXPORT DATE ADIF >= 08/26/2022 00:00:00# and TDate <= #08/26/2022 23:59:59

FOR SQL PROFESSIONALS:

Syntax of the SQL to be inserted for specifying AND and OR in the special search with search extension: for example for [SPECIAL EXPORT DATE ADIF >= 08/26/2022 00:00:00# and TDate <= #08/26/2022 23:59:59]

just write the intermediate SQL in the DATE export field only in this specific method since the initial and final fields are predefined

write exactly or change the dates

08/26/2022 00:00:00# and TDate <= #08/26/2022 23:59:59

which will be transformed with # essential start and end, into

EXPORT >= #08/26/2022 00:00:00# and TDate <= #08/26/2022 23:59:59#

or even adding fields between the two dates:

08/26/2022 00:00:00# and Mode = 'FT8' and TDate <= #08/26/2022 23:59:59

or

08/26/2022 00:00:00# and Mode = 'FT8' and Band = '14.0' and TDate <= #08/26/2022 23:59:59

etc... the # character is automatically inserted at the beginning and end of the line which must begin and end with a DATE as in the examples

WLOG2000 BACKUP SYSTEM

WE HOWEVER RECOMMEND YOU ALWAYS MAKE A SECURITY BACKUP BEFORE TOUCHING OR MODIFYING YOUR DATA.

In the main BACKUP menu, just one click is enough and your data is saved in ZIP format. Each IMPORT also forces a different BACKUP file.

WARNING: check the C:/WLOG2000/backup directory from time to time as it will otherwise become excessively full with old files. Also check the .bat file executable from MENU which allows you to make a 1:1 copy of C:/WLOG2000 wherever you want on multiple HDs, especially different ones.

In WLOG2000 the backup creates an automatic file without deleting the previous backup by entering the date and time of the backup itself so you will be sure of having your data ALMOST SAFE.

One piece of advice is certainly to BACK UP your data often and ALWAYS pass it on multiple media.

- 5 or more disks in succession
- 5 or more ZIPs in succession
- at least on 2 ops plus HARD DISK / SSD / CD / DVD etc... and maybe even an SD/USB STICK
- some rewritable CDROMs (so as not to throw them away)
- multi-cassette DAT systems
- digital systems in general NAS

However, it is recommended to have multiple backup systems, even the same ones but on different media, so that if the classic "Murphy's law" of randomness were to loom over your data, before it looms 5 or more times in a row it will be very difficult even if everything it's possible.

We also recommend checking your data, given that BACKING up damaged data solves absolutely nothing and restoring it in these cases is an arduous and sometimes useless undertaking... and GOODBYE DATA!

HOW I MISS MY GOOD OLD PAPER BOARD!!!

An almost sure solution? Print the LOGs from time to time on PAPER and put them away in the safe ☺ or even save them on local, online and cloud servers!
Already by inserting them all in EQSL LOTW CLUBLOG etc... it can always be useful!

**THEREFORE PAY ATTENTION TO THE SECURITY OF YOUR DATA which
WLOG2000 does not
has no competence and is not liable in this regard for damages or programming errors**

RADIO COMMAND - FREQUENCY AND MODE VIA CAT

Wlog2000 also has a very interesting option.

Turn the antennas and place the RADIO on the desired frequency via CAT.

You will only have to connect the RADIO-PC control cable (see RTX manual for the type of cable and the relevant details) or the respective COM already configured. Furthermore, if you use virtual ports, you will have to select the virtual port of your previously configured CAT. WLOG will take care of the rest and with each click on the dxcluster frequency you will position yourself on the desired frequency while if you want, you can automate the movement to each dxcluster spot...

First of all you just have to configure the type of radio that WLOG2000 should support which you find in CONFIG by choosing COM PORT – MODE – BAUD and RADIO TYPE.



Also remember to activate the PORT from the main menu as for the COM for the TNC.

Unlike the COM for the TNC which remains activated, this one, to avoid program initialization defects, must be activated manually at each startup, avoiding for example memorizing two COM1s on different peripherals causing the WLOG2000 to crash.

If you are not sure you just have to browse the manual of your RTX while if you can't find your RTX you simply have to tell us the following data that you will find in the manual of your radio:

-RTX NAME
 -CAT ACCESS COMMAND OFF
 -VFO B COMMAND
 -VFO B FREQUENCY COMMAND

-COMMAND CAT ACCESS ON
 -COMMAND VFO A
 -COMMAND FREQUENCY VFO
 -COMMAND SHIFT MODE

We can also implement your RTX which, connected with a direct cable or nullmodem (pay attention to your manual), will move to the spot frequency automatically or manually by clicking on the spot window or sectorally (bands).

Just a simple CLICK on the frequency of a spot in the PACKET window and your RTX will immediately move to that frequency and mode according to BandPlan.

NOTE: by using VIRTUAL SERIAL PORT programs you can use multiple programs that access your radio or your peripherals at the same time and on the same VIRTUAL COM, in a simple and functional way.

Be careful that every now and then the DXCLUSTER PAVILLON sends slightly "crooked" commercials such as: hb9oab-15:100326.0

In this case, by clicking on it, the NAME will obviously have priority and will be positioned in the FASTINPUT or in the PACKETMAP where you will find "only" HB9OAB.

ICOM SWITCH RADIO

To be interfaced with WLOG2000 and other CAT RADIO programs, each ICOM radio requires a specific CI-V compatible interface, a model that can also be easily self-built, and which above all allows you to connect up to 4 radios simultaneously on a single COM. WLOG2000 currently allows connection to a single radio, or rather, to a multiradio but with a single remote control that can be configured from CONFIGURATION depending on your current radio activity.

Here is the list of ICOM RTX CAT SWITCHES in detail:

Icom Model	<u>Addr</u>	Icom Model	<u>Addr</u>	Icom Model	<u>Addr</u>	Icom Model	<u>Addr</u>
735	04	271	20	728	38	756	50
?	06	471	22	729	3A	?	52
R7000	08	1271	24	737	3C	?	54
275	10	781	26	707	3E	746	56
375	12	725	28	736	40	706MkII-G	58
475	14	R9000	2A	820	42	R75	5A
575	16	765	2C	738	44	756Pro	5C
1275	18	970	2E	775	46	etc... see RTX manual	
R71	1A	726	30	706	48	...	
751	1C	R72	32	R8500	4A	...	
761	1E	R7100	34	821	4C	...	
R8500	4A	?	36	706MkII	4E	...	

This complete, uppercase code must be entered into the WLOG config (pt.7) for WLOG2000 to recognize your specific ICOM radio.

A further configuration always in CONFIG allows you to select only the type of FREQUENCY and

SPOT you want for your radio, therefore it is useless on an FT950 to receive SPOT in 144MHz or with a VHF/UHF device to receive on your RTX frequency switch for 50MHz or for 160m. only the MODE would be selected and evidently NOT the frequency.

Then select the FREQUENCY BAND OF YOUR RTX expressed in Hz! Examples:

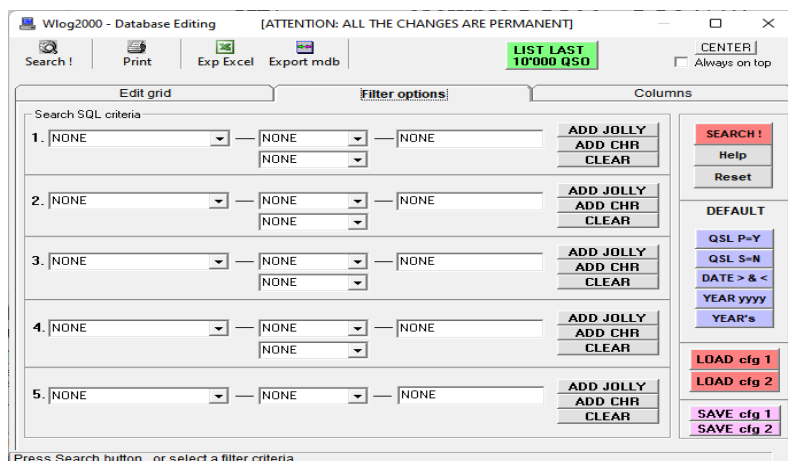
14MHz = 14000Hz
432.200MHz = 432000Hz

We therefore recommend:

1000000 to 100 (from 1GHz to 100Hz) example FT100 –
FT847... 200000 to 100Hz (from 200MHz to 100Hz)
example IC706...
30000 to 100 (from 30MHz to 100Hz) example TS950 - FT1000 HF devices
146000 to 144000 (from 144MHz to 146MHz) example VHF devices
430000 to 440000 (from 430Mhz to 440MHz) example UHF devices

etc... etc... at your discretion.

SPECIFIC SEARCHES IN THE DATABASE FIELD



1-2-3-4-5 are the search formulas available and combinable AND / OR

ADD JOLLY adds the “%” character before or after or internally

ADD CHR adds a single character

CLEAR clears the query

SEARCH starts the search

HELP provides a simple to use HELP

RESET clears all 5 queries

QSL P=Y example search for printed QSL = Y

QSL Y=N example for qsl not sent

DATE > & < example for QSO within two dates

YEAR yyyy QSO for that year

YEAR's QSO for those years

LOAD 1 / LOAD 2 loads the configuration saved with

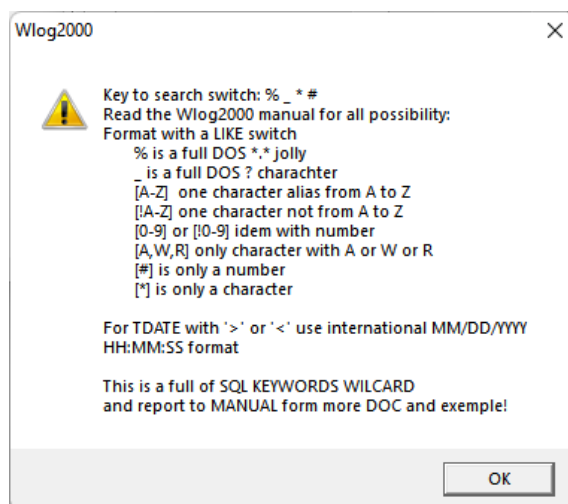
SAVE 1 and SAVE 2 which save search solutions in 2 different fields

Etc...

Below are some simple examples that you can use for your search QUERYS in the

complete database.

The simple HELP characters for queries are essentially the same as for regular MICROSOFT ACCESS queries



PLEASE REMEMBER THAT THE QUERY FORMAT FOR LE IS ONLY THIS

MM/DD/YYYY

(MONTH/DAY/YEAR)

in the format described 2+2+4 characters separated by the slash “/”

Only this format will be recognized by the WINDOWS system with any configuration or language used.

QSO SEARCH IN DIGITAL MODES FT8 FT4 JT65 JT9 (FT% or JT% or MSK% or FSK%)

The screenshot shows the Wlog2000 - Database Editing window. The title bar includes a warning: [ATTENTION: ALL THE CHANGES ARE PERMANENT]. The menu bar has Search!, Print, Exp Excel, Export mdb, LIST LAST 10'000 QSO, and CENTER. The main window is divided into three tabs: Edit grid, Filter options, and Columns. The Filter options tab is active, showing a search SQL criteria table with five rows. The first four rows are for digital modes: 1. Mode LIKE FT%, 2. Mode LIKE JT%, 3. Mode LIKE MSK%, and 4. Mode LIKE FSK%. The fifth row is for NONE. Each row has buttons for ADD JOLLY, ADD CHR, and CLEAR. On the right, there are buttons for SEARCH!, Help, Reset, and a DEFAULT section with buttons for QSL P=Y, QSL S=N, DATE > <, YEAR yyyy, and YEAR's. Below these are buttons for LOAD cfg 1, LOAD cfg 2, SAVE cfg 1, and SAVE cfg 2. The status bar at the bottom shows 'Number of records found : 29479'.

Just have fun with the QUERY to find what you want inside your LOG.

Then you can press <SAVE 1> or <SAVE 2> to resume your saved QUERY with <LOAD 1> or <LOAD 2>.

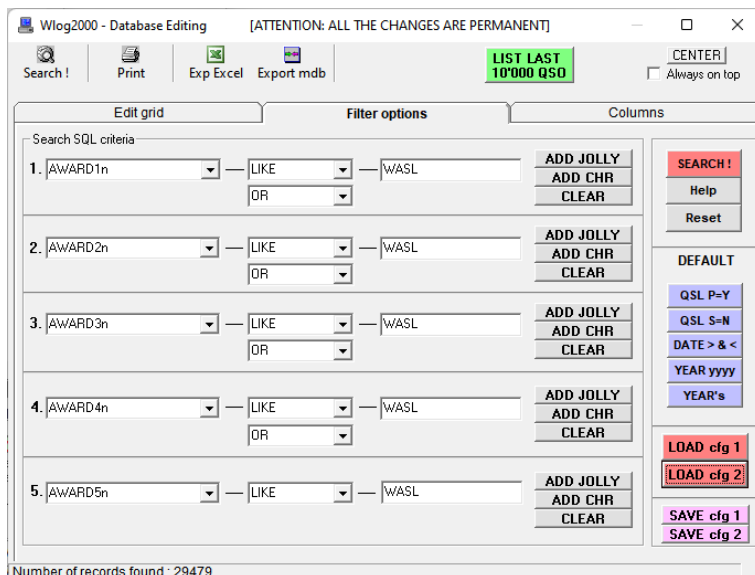
Since it is not a complete ACCESS program, some queries may not work.

Tell us about the non-working QUERYs and we'll see what we can do.

SEARCH FOR QSOs MADE IN <CW> IN THE YEAR <2020> in <28.0>

The screenshot shows the Wlog2000 - Database Editing window with the same title bar and menu bar as the previous screenshot. The Filter options tab is active, showing a search SQL criteria table with five rows. The first three rows are for QSOs made in CW in the year 2020 in 28.0: 1. Banda LIKE 28.0, 2. TDATE LIKE %2020%, and 3. Mode LIKE CW. The fourth and fifth rows are for NONE. Each row has buttons for ADD JOLLY, ADD CHR, and CLEAR. On the right, there are buttons for SEARCH!, Help, Reset, and a DEFAULT section with buttons for QSL P=Y, QSL S=N, DATE > <, YEAR yyyy, and YEAR's. Below these are buttons for LOAD cfg 1, LOAD cfg 2, SAVE cfg 1, and SAVE cfg 2. The status bar at the bottom shows 'Number of records found : 11'.

SEARCH FOR QSOs MADE FOR THE WASL DIPLOMA (Worked All Swiss Lakes)



WLOG2000 allows searches in an exceptional, selective and perhaps unique way.

In the context of MDB files, the power translated into WLOG2000 is the SQL or better defined in STRUCTURED QUERY LANGUAGE used in all WLOG2000 searches in DAO and ADO tables as well as FLEXGRID etc...

But how do you learn a type of SQL search without having even the slightest basic knowledge of the programming language?

Here is a table with 4 steps and 3 options, automatically recreated by recognizing your searches and defining all the possible search motivations. In fact, you will be able to search for a QSO made in the YEAR 199% in the month of JULY or MAY, with a station with DXCC VP8% and which was called GIOVANNI or GIACOMO and which you connected on 40m and which... etc... etc...

THEIn short, ALL WLOG2000 FIELDS are part of a very fast and reliable search that will give the necessary results according to your specifications.
SO BY PRESSING ON "EXPORT MDB" or "EXPORT EXCEL" or "PRINT" you can export or print only the selected QSOs.

By double clicking on the first in the list and confirming the sequence, you can send the automatically selected QSOs to LOTW.

These QSOs will be created in LOTW format for TQSL and sent to LOTW immediately.

You will find the "NEWCLICKED.ADI" file in the "IMPEXP" directory of Wlog2000 and you can click on the <R> which will have turned red in the REALTIME window to read the Tqsl "RESULT" in its original format created by TQSL itself.

You can also save up to 2 searches and recall them at any time for future use.

However, we basically need some information that defines search methods that are not always obvious.

But let's go straight away with some examples that are worth more than words. Be careful that not all SQL query commands are working, others are in the SQL option in WlogChecker:

FIELDS OF RESEARCH	:	ALL WLOG FIELDS	in a table of your choice
SEARCH SWITCH	:	MAIN	IT IS NOT NOBODY

LIKE	IDENTICAL
NOT LIKE	NOT IDENTICAL
=	THE SAME
>	GREATER
<	MINOR
>=	GREATER THE SAME
<=	MINOR THE SAME
<>	DIFFERENT (NOT)
><	DIFFERENT (NOT)
[]	FIELDS LIKE LETTER
*	FIELD JOCKER
#	FIELD NUMBER
%	FIELD JOCKER
-	CHARACTER FIELD
	UNDERLINED

etc... see tables for PROFY SEARCH...

ATTENTION: note that NOT all FIELDS and SWITCHES are compatible with each other, with DATES we will have to use certain ones, with letters others without etc... etc... a little study on the following examples will help you to better use this FABULOUS search system .

Documentation:

LIKE

Character(s) in [<i>crit</i> erion]	Matches in <i>string</i>
?	Any single character.
*	Zero or more characters.
#	Any single digit (0-9).
[character list]	Any single character in characterlist.
[!charlist]	Any single character not included in the characterlist.

You can use a group of one or more characters (character list) enclosed in square brackets ([]) to match any single character in string. This group can include any [character code](#), including figures.

Note To find The special characters left square bracket ([), question mark (?), number sign (#), and asterisk (*) must be enclosed in square brackets. The right square bracket (]) cannot be used in a group to search for other right square brackets, but it can be used as a single character outside of a group.

In Character List, you can specify a range of characters by using a hyphen (-) to separate the upper and lower bounds of the character range. For example, if you specify [AZ], the match will be found if the position of the corresponding character in the string contains one of the uppercase letters of the range A to Z. You can insert multiple ranges between square brackets, without any delimiting character.

[A-E] matches A, a, À, à, B, b, E, e. Note that in the comparison the letters Ê or ê do not correspond as in the alphabetical order the accented characters follow the non-accented characters.

Below are some of the most important rules related to email matching

Criteria that can be used for queries:

- An exclamation point (!) at the beginning of the character list means that a match will be reported if any character is found in the string except the characters contained in the character list. If used outside of square brackets, the exclamation point will match another exclamation point.
- To match the hyphen (-), this character must be inserted at the beginning (after the exclamation point, if any) or at the end of the character list. In any other position, the hyphen is used to identify a range of characters.
- When specifying a range of characters, the characters must be specified in ascending order (from least to greatest). [AZ] is for example a valid criterion unlike [Z-A].
- The sequence of characters [] is treated as a zero-length string ("").

The alphabet of some languages includes special characters that represent the combination of two different characters, such as the character "æ" to represent "a" and "e". The Like operator recognizes the single special character as equivalent of the two distinct characters.

If a language that uses this type of special character is specified in the system locale, an occurrence of the single special character in pattern or string will match the equivalent sequence of two characters in the other string. Similarly, a single special character in pattern enclosed in square brackets (alone, in a list, or in a range) will match the equivalent sequence of two characters in string.

SOL SEARCH EXAMPLES (ATTENTION NOT ALL SQL FORMS ARE WORKING)

CALL LIKE %HB%	finds all CALLS containing HB CALL
LIKE HB%	finds all CALLS starting with HB
CALL LIKE _B%	finds all CALLS that have a B in the second letter CALL
LIKE [AZ]B9OAB	finds all I call AA9OAB AB9OAB AC9OAB that how first character is valid from A to Z
CALL LIKE HB[0-9]OAB	finds all HBs with numbers from 0 to 9 and suffix OAB
CALL LIKE %[0-9]OAB	finds all CALLS with numbers from 0 to 9 and suffix OAB while prefix indifferent
CALL LIKE %[0-9]_AB	as above but in addition any character to the first letter of the suffix
CALL NOT LIKE	idem as above but negatively NOT As

you can see the possibilities are endless and for any CALL

CALL > A	finds all CALLs that go from A to Z as the start
CALL > 1	finds CALL with acronym greater than 1 as the first letter
ditto for CALL <	minor

For DATE the situation is a little different but very easy to use and interpret

TDATE LIKE %1999%	finds ONLY QSOs made in 1999
TDATE LIKE %22%	finds ONLY if I know they have the DATE and TIME in them number 22 for example year 1922...HI...
TDATE LIKE %199[5-7,9]% 1999	finds ONLY QSOs made in 1995 1996 1997 and 1999
TDATE LIKE %19[#]9%	idem as above but also for 1909, 1919 1929 1939...1999
TDATE LIKE ![A]%	All except it starts with A

TDATE LIKE %/05/% near all QSOs made in May
and many such tricks for any search possibilities!

TDATE NOT LIKE idem but NEGATION of research

WITH < OR > PAY ATTENTION TO THE TIME AND DATE REFERENCE, in fact the TDATE field includes both the date in DD/MM/YYYY format and the time in HH:MM:SS format

TDATE > 01/01/2000 finds QSO ONLY from [01/01/2000 00:00:00]
onwards TDATE < 01/01/2000 finds ONLY QSO from [01/01/2000 00:00:00] back
TDATE > 01/01/2000 12:56:23 finds QSO ONLY from [01/01/2000 12:56:23] onwards

Playing with the time, at the moment it is not essential and not active the [>=] or [<=] to identify the same date.

For example, if I have to print ONLY the QSO from 1 January to 31 December 1999, just put TDATE LIKE %1999% or
TDATE > 01/01/1999 AND TDATE < 01/01/2000 (or < 31/12/1999 23:59:59)

and check your database, but for QSL printouts, for example, simply type:

TDATE LIKE %1999% AND S LIKE N

that is, all the QSOs made in 1999 to which I have not yet sent QSLs

AND and OR you can add ALSO and OR and a second search up to 4 for any field.

For us too there are several options, all worth trying and we will be happy to discuss these possibilities with you on our mailing list.

**WARNING: NOT ALL SQL QUERY COMMANDS WORK
WE HOWEVER RECOMMEND CARRYING OUT SPECIFIC SEARCHES WITH ACCESS SINCE
THE CREATED DATABASE FILE IS FULLY COMPATIBLE WITH THE MICROSOFT ACCESS
PROGRAM!**

PRINT DATA

WLOG2000 allows you to print different types of formats both on LABELS and empty POSTCARDS or CARDS or pre-printed POSTCARDS or CARDS (obviously it depends on your printer)

LABELS

- select the desired QSOs
- sort them by desired print order
- choose your labels option
- print

In the case of a displaced print, first try ONLY with a few QSOs not with a thousand on the first try.

X on the horizontal
plane Y on the vertical

plane

Each unit [1] corresponds to approximately 0.05 inches and 1.25mm so you can move UP
DOWN RIGHT AND LEFT as you wish.

However, remember that DURING THE PRINTING OF EACH SINGLE QSO, the status of the
QSL SEND [S] changes from [N] to [Y] thus confirming the dispatch of the postcard and
consequently automatically updates the QSLDATE with today's date.

Simpler than that, REMEMBER TO TURN ON THE PRINTER AND THAT IT IS CONNECTED!

OSL POSTCARDS

Even simpler...

- select the desired QSOs
- sort them by desired print order
- choose your QSL option
- print

In the case of a shifted print, first try ONLY a single QSO not with a thousand on the first try.

X on the horizontal
plane Y on the vertical
plane

Each unit [1] corresponds to approximately 0.05 inches and 1.25mm so you can move UP
DOWN RIGHT AND LEFT as you wish.

QSL printing is divided into three parts:

QSL FIELD VIA FIELD DATA FIELD TNX/PSE QSL

and each individual part or globally can be moved to the part of the sheet to be printed. Personally,
I initially printed on A4 paper for convenience and then moved the general accordingly to center on
the QSL, then proceeded to insert the desired individual movements.

FREE OSL POSTCARDS

Just even simpler...

- select the desired QSOs
- sort them by desired print order
- choose your QSL option
- print

In the case of a shifted print, first try ONLY a single QSO not with a thousand on the first try.

X on the horizontal
plane Y on the vertical
plane

Each unit [1] corresponds to approximately 0.05 inches and 1.25mm so you can move UP
DOWN RIGHT AND LEFT as you wish.

The QSL printout is divided into 14 distinct parts which can be moved independently of each other:

QSL VIA
TO RADIO
DATE
TIME
MODE
BAND
REPORT RSTr
REPORT NRr
SPECIAL REPORTr
PSE/TNX QSL
TEXT LINE 1
TEXTLINE 2
TEXT LINE 3
TEXT LINE 4

Each individual part or globally can be moved to the part of the sheet to be printed

Personally, I initially printed on A4 paper for convenience and then moved the general accordingly to center on the QSL, then proceeded to insert the desired individual movements.

However, remember that DURING THE PRINTING OF EACH SINGLE QSO, the status of the QSL SEND [S] changes from [N] to [Y] thus confirming the dispatch of the postcard and consequently automatically updates the QSLDATE with today's date.

In the end, to verify the exact position I procured some paper-sized QSLs by cutting out a few dozen A4 sheets in QSL format, also for saving reasons!

At the first test, I was very proud to print FREELY without any problem as many as 3000 (THREE THOUSAND) postcards that as many radio amateurs received in mid-2000!! with all the salient data in the forms QSL WIZARD – QSL FREE – LABEL/PAGE or EXPORT for WLOG2000/mdb ACCESS or directly in an EXCEL table!

The image displays four sequential screenshots of the 'Wlog2000 - Print Wizard' software interface, showing the steps to configure a QSL printout.

- Option 1:** The first screenshot shows the initial setup. It includes a preview of a QSL card with the text 'News at WWW.WLOG2000.COM'. Below the preview, there are input fields for 'X-Orig', 'Y-Vert', 'X-Width', and 'Y-Height'. The 'X-Width' is set to 2 and 'Y-Height' to 0.3. There are also checkboxes for 'Insert LOGO', 'PRT from Operator', 'Send qsl to [Y]', 'Insert (PSE/TNX QSL)', and 'Print qsl to [N]'. The 'Wizard' button is highlighted.
- QSL CARD:** The second screenshot shows the 'QSL CARD' configuration screen. It allows users to change the position of the grid and text. It includes input fields for 'X Offset horizontal', 'Y Offset vertical', 'All Offset X', and 'All Offset Y'. The 'X Offset horizontal' is set to -3, 'Y Offset vertical' to 0, 'All Offset X' to 33, and 'All Offset Y' to -4. A note at the bottom states 'Value expressed in UNIT [1 = 0.05 inch or 1.27 mm]'.
- Qsl wizard:** The third screenshot shows the 'Qsl wizard' screen. It provides instructions: 'Ok, now you can enter 4 Lines of text, that will be placed under the grid. If you don't want to show the lines, uncheck the checkbox below.' It lists four lines of text to be entered: 1) '10elHF 10-20m + 2el6m+5/8 1kw - 2x13B2vhf 200w + 4x20Uhf 1kw', 2) 'Wire Antenna Sloper or HSloper for 30-160m', 3) 'FTDX101MP+FT847+FT991A+VX5+VX1+SPE1.5K+Wlog2000 Log', and 4) 'WLOG2000 Log & Info at http://www.wlog2000.com Email: hb9oab@am:'. There are checkboxes for 'Insert the 4 lines on the QSL' and 'Insert the [TEXT] after and with line nr. 4'.
- Qsl wizard:** The fourth screenshot shows the final 'Qsl wizard' screen with the message 'WAITING!!! The QSL's are fast ready to be printed. Insert QSL or LABEL or other paper sheet.' It includes a 'Print' button and navigation buttons.

Wlog2000 - Print Wizard

Qsl Free

	+/-X	+/-Y		+/-X	+/-Y
QSL VIA	0	0	REPORT NrTx	0	0
TO RADIO	0	0	REPORT SpclTx	0	0
DATE	0	0	PSE/TNX QSL	0	0
TIME	0	0	TEXT LINE 1	0	0
MODE	0	0	TEXT LINE 2	0	0
BAND	0	0	TEXT LINE 3	0	0
RSTsend	0	0	TEXT LINE 4	0	0

RESET

Value expressed in UNIT [1 = 0.05 Inch or 1.27 mm]

<< Back Continue ->> Cancel

Wlog2000 - Print Wizard

Label wizard

Label or Page wizard guide you toward the preparation for printing a label collection. First of all, you must indicate which label format you want to use.

Select LABEL or PAGE to print

HERMA4495

Width : 70 mm
Height : 25.4 mm
Border : 8.8 mm
Cols : 3 mm
Label Nr. : 33

width height

<< Back Continue ->> Cancel

WLOG2000 DATABASE

New folder name:

OK

Press ENTER to confirm the default name!
Max lenght = 6 chars (A to Z, 0 to 9)
[ABCDEFGHIJKLMNOPQRSTUVWXYZ01234567890-]

LOG

Annula

Wlog2000 - Print Wizard

Label wizard

Now, if the text on the labels are not centered, you can change its position using the four botton, here below.

Offset X
0

Offset Y
2

Value expressed in UNIT [1 = 0.05 Inch or 1.27 mm]

<< Back Continue ->> Cancel

WLOG2000 - Export

With SLOW PC you could have some problems!

Export to Excel?

Si No

PRINTED WITH WLOG2000

Remember to configure your printer perfectly.

However WLOG2000 notices that you have run out of POSTCARDS in the printer! DO NOT TOUCH ANYTHING ON THE WINDOW THAT MAY APPEAR FROM YOUR DRIVER PRINTING warning you that there is a PAPER / TONER problem on the printer. Simply load another pile of postcards and you're good to go!

A problem encountered in the event of a crash or printer being turned off, the printer pooling is canceled and therefore we recommend making a good backup before printing QSLs, which will then have all the QSL switches modified in printed... I also recommend printing little by little to do not stress the weak memories of current printers.

ZCZC

TESTER TRANSLATORS WANTED IN THE EDITING PHASE - BUG REPORT EMAIL manual@wlog2000.com

MANUAL UPDATE - DESCRIPTIVE ADDITIONS TO THE MANUAL:

ATTENTION: we recommend reading the NEWS on our site www.wlog2000.com where ALL the changes and improvements made are listed. You can possibly use a translator to make it understandable in your preferred language.

LOG EQSL CLUBLOG IIS in REALTIME mode:

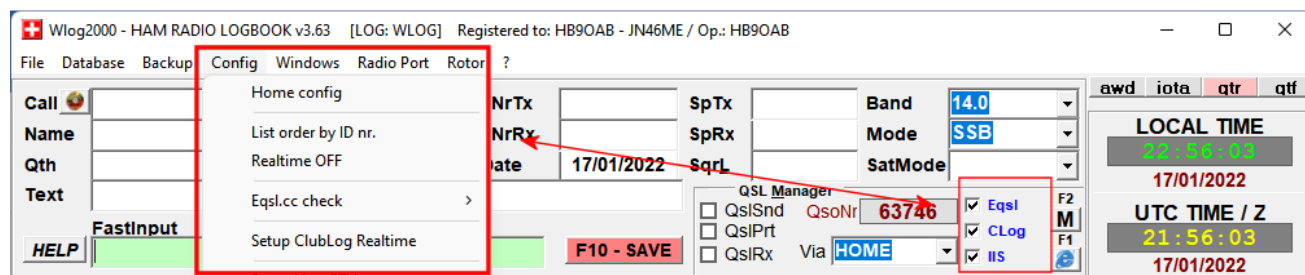
Interesting added option, real-time QSO with EQSL or CLUBLOG or on your online log!

You can also check how it works on our Online Log: <http://radioclub.ddns.net/home/log.php>

Every QSO you save will be sent in real time over the INTERNET to EqsL and/or ClubLog and/or to your IIS online web log.

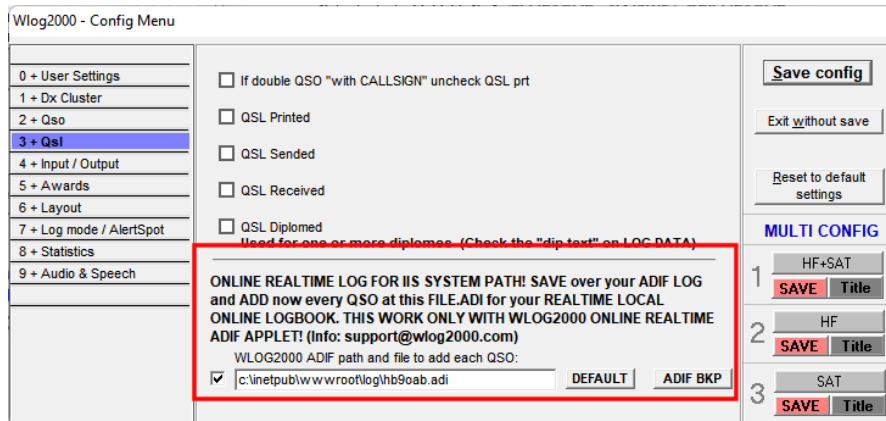
The configuration is very simple: MENU <CONFIG> to activate and record the EqsL and ClubLog login and password and in the MENU <CONFIG-HOME CONFIG> for your IIS.

Once configured you can activate and deactivate them as you wish without having to repeat the operation, with a simple click in the EqsL, Clublog and/or IIS BOX. Your online log will always be in REALTIME.

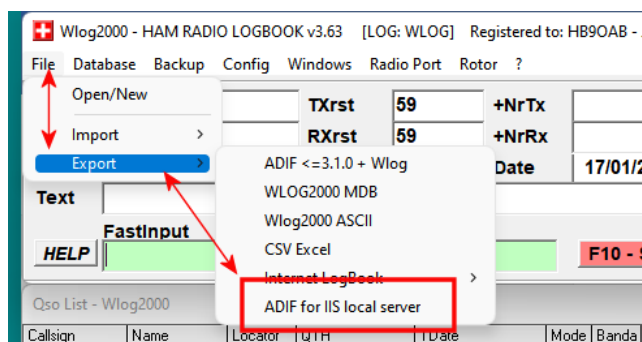


Unfortunately, if the internet connection is unstable or has disconnection problems, the data will be skipped and obviously not sent. It will therefore be necessary to opt for an alternative solution of sending the ADIF file or via the

always realtime system in EDIT which allows you to SEND the data again in sequence or individually...
 SEND SINGLE DATA TO CLUBLOG and EQSL: Be careful that the ClubLog and Eqls FireWall do not accept multi sessions and therefore you will be blocked from accessing with your IP blocked on ClubLog and Eqls.
 REALTIME IIS LOG configuration on your server:



After creating this file, we can do an EXPORT of the data for IIS local server from the menu
 FILE>EXPORT>ADIF FOR IIS

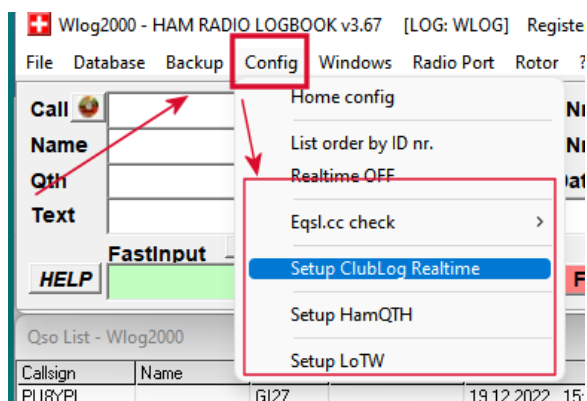


With the new versions it is now available to automatically send all your QSOs in real time to:

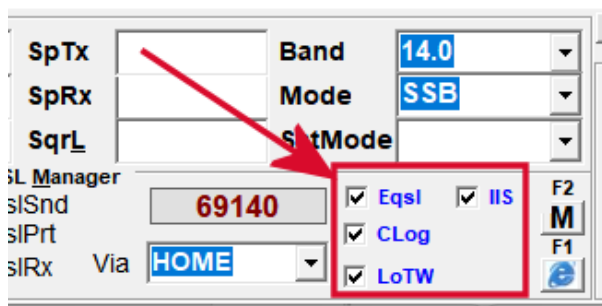
CLUBLOG – EQSL – ISS LOG ONLINE REALTIME – LOTW

Here's how to configure them and the various responses you get from online systems.

Check how Log Online works here: <http://radioclub.ddns.net/home/log.php>



You will have to correctly configure EQSL or HAMQTH or LOTW or IIS in the appropriate configurations and once activated, check the response windows



After having configured them correctly, activate them in the LOG window which will consequently open the dialogue and response window for the various activated systems EQSL CLUBLOG LOTW or IIS and follow the instructions that appear.

LOTW NOTE:

by choice of LOTW, once the QSOs have been entered into LOTW it is no longer possible to delete, modify, delete them or anything else. If you place a thousand wrong QSOs in LOTW they will always remain present... choice of ARRL LOTW... however this is the reason that WE HAVE NOT GIVEN REALTIME to save QSOs with F10 on WLOG2000, the immediate sending of the QSO to LOTW.

ATTENTION:

THEREFORE FOR THIS SECURITY REASON, THE REAL-TIME SENDING OF LOTW TAKES PLACE ONLY THROUGH THE DATABASE LIST WINDOW, UPON THE CLICK ON THE QSO OR THE QSOs FOLLOWING THE CLICK ON THE QSO ACCORDING TO YOUR CHOICE. THEREFORE REMEMBER THAT ONLY FROM THE DATABASE TO THE QSOs SELECTED WITH A MOUSE CLICK, QSOs WILL BE SENT TO LOTW!

Realtime Eqsl - ClubLog - Local IIS	
Warning: Y=2022 M=12 D=19 PU8YPL 10M FT8 Bad record:	
Updated QSO	
Eqsl.cc: DUPE PU8YPL	
ClubLog: UPDATED EA4GOY	
LoTW OK 19/12/2022 18:20:08	
IIS ADIF: DUPE PU8YPL	

The realtime logs dialog is divided and specified as follows:

REALTIME E-QSL REPLY WINDOW

LOTW REALTIME RESPONSE WINDOW

EQSL	REPLY WITH SIGNAL SENT
CLUBLOG	REPLY WITH SIGNAL SENT
LOTW	CONFIRMATION OF SENDING OF THE FILE AND TIME OF SENDING
IIS ADIF WINDOW FOR ADIF IIS LOG ON PC/SERVER	

PACKET STATS WINDOW UPDATE:

Wlog2000 - DXspot

TIME () 18:21 FK90IM MAP

QRB 7656 Km Antenna SP 263 °

COUNTRY / CALL / QRG: LP 83

Trinidad Tobago

9Z4FE 14292.0

☐ Check single STAT or ☒ Check log

☐ Check if DXC = [N] ☒ AutoStart

☐ No change log BAND ☒ Check Call

☐ OnTop

BAND 5.3 7.0 10.1 14.0 18.1 21.0 24.9 28.0 50 ALL

DXC 9Y W W W W W W W W W W

WPX 9Z4 N N W W W W W W W W

WAZ 09 W W W W W W W W W W

ITU 11 W W W W W W W W W W

WAC SA W W W W W W W W W W

To have updated data compared to our log, we recommend this configuration of the DXspot window which for each SPOT received from the DXCLUSTER will be reported if present or active and more by analyzing it from your QSOs present in your log

You can see the announcement arrived as SPOT of 9Z4FE and the DXC information of the CALL, furthermore below on your chosen BANDS, you can see if DXC WPX WAZ ITU WAC have been connected and in bold you will see the BAND in USE selected in the LOG.

If you also place your MOUSE above you will see how you have connected them!
Very useful and very fast, as already explained above for the STATS window.

PERSONAL CONFIGURATION WORKING EXAMPLE:

Below is an example configuration in the new CONFIG table format, which works well here and you can simply copy it by modifying and adapting it only to your personal preferences:

Wlog2000 - Config Menu

0 + User Settings

1 + Dx Cluster

2 + Qso

3 + Qsl

4 + Input / Output

5 + Awards

6 + Layout

7 + Log mode / AlertSpot

8 + Statistics

9 + Audio & Speech

Call sign: HB9OAB QTH Name: BELLINZONA

Name: FRANCO Locator: JN46ME

Operator's Call: HB9OAB

Default LOG file: WLOG

MM Suffix SQR - QTHLoc for QRB [GG46 to GG46MM]

LOC Time offset: 0 TIME TEST

UTC Time offset: +1

Contest allowed chars

ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789./

☐ Restrict FastInput field to these chars only!

Save config

Exit without save

Reset to default settings

MULTI CONFIG

1 HF+SAT SAVE Title

2 HF SAVE Title

3 SAT SAVE Title

Wlog2000 - Config Menu

0 + User Settings

1 + Dx Cluster

2 + Qso

3 + Qsl

4 + Input / Output

5 + Awards

6 + Layout

7 + Log mode / AlertSpot

8 + Statistics

9 + Audio & Speech

Spot Grabber for Radio QSY & Voice Play (COLOR=YELLOW)

1 ☒ 1 To 140 kHz 8 ☒ 21000 To 21500 kHz

2 ☒ 1800 To 2000 kHz 9 ☒ 24500 To 25000 kHz

3 ☒ 3500 To 3950 kHz 10 ☒ 28000 To 30000 kHz

4 ☒ 5000 To 7250 kHz 11 ☒ 50000 To 54000 kHz

5 ☒ 10000 To 10150 kHz 12 ☒ 70000 To 74000 kHz

6 ☒ 14000 To 14400 kHz 13 ☒ 144000 To 440000 kHz

7 ☒ 18000 To 18500 kHz 14 ☒ 1200000 To 10000000 kHz

Spot Grabber-Filter's for [PER]sonal PacketRadio window (COLOR=CYAN)

All DX targets: PSK RTTY P3D AO40 SAT SSTV

II WPX RARE OSCAR IOTA AF

EU NA SA AS AN OC

Grab [Per]sonal Spot from kHz 28000 to 1000000 kHz in [PER] on GREY!

Grab special Alarm from kHz 40000 to 80000 kHz in [PER] on GREY!

Save config

Exit without save

Reset to default settings

MULTI CONFIG

1 HF+SAT SAVE Title

2 HF SAVE Title

3 SAT SAVE Title

Wlog2000 - Config Menu

0 + User Settings
1 + Dx Cluster
2 + Qso
3 + Qsl
4 + Input / Output
5 + Awards
6 + Layout
7 + Log mode / AlertSpot
8 + Statistics
9 + Audio & Speech

Auto-input
Name:
☒ from last QSO
☒ from CD/List
Take last Manager:
☒ from las QSO
QTH:
☒ from last QSO
☐ from CD/List
Locator:
☒ from last QSO
☒ from CD/List
☒ Work in realtime
☐ Check OldDXC
☒ CallBook CD-Rom Drive : F RAC
CHECK DUPE: [0]=NONE [1]=FULL LOG [2]=BAND [3]=BAND+DATE (EDIT CONTEST DATE+TIME FILE) [4] BAND+MODE+DATE [5]=BAND+MODE
Band/Mode defaults
Band 14.0 Mode SSB Sat
RTSrx 59 Nr. RS/RST RS Spec. Rx
RTSx 59 Nr. 003 +1 Spec. Tx
Text

Save config
Exit without save
Reset to default settings

MULTI CONFIG
1 HF+SAT **SAVE** Title
2 HF **SAVE** Title
3 SAT **SAVE** Title

Wlog2000 - Config Menu

0 + User Settings
1 + Dx Cluster
2 + Qso
3 + Qsl
4 + Input / Output
5 + Awards
6 + Layout
7 + Log mode / AlertSpot
8 + Statistics
9 + Audio & Speech

☐ If double QSO "with CALLSIGN" uncheck QSL prt
☐ QSL Printed
☐ QSL Sended
☐ QSL Received
☐ QSL Diplomed
Used for one or more diplomes (Check the "dip text" on LOG DATA)
ONLINE REALTIME LOG FOR IIS SYSTEM PATH! SAVE over your ADIF LOG and ADD now every QSO at this FILE.ADI for your REALTIME LOCAL ONLINE LOGBOOK. THIS WORK ONLY WITH WLOG2000 ONLINE REALTIME ADIF APPLET! (Info: support@wlog2000.com)
WLOG2000 ADIF path and file to add each QSO:
☒ c:\inetpub\wwwroot\log\hb9oab.adi **DEFAULT** **ADIF BKP**

Save config
Exit without save
Reset to default settings

MULTI CONFIG
1 HF+SAT **SAVE** Title
2 HF **SAVE** Title
3 SAT **SAVE** Title

Wlog2000 - Config Menu

0 + User Settings
1 + Dx Cluster
2 + Qso
3 + Qsl
4 + Input / Output
5 + Awards
6 + Layout
7 + Log mode / AlertSpot
8 + Statistics
9 + Audio & Speech

TNC setting's
COM : 1 N,8,1 Baud : 9600 0 - NONE
or AGW :
TNC port status at startup : ☐ Port opened
Radio setting's
RTX: FTDX101 ☐ Auto RX-Spot
Icom Radio Switch IC-Byte ☐ RTS
BCD \$ 44 4 ☐ DTR
COM : 5 N,8,1 Baud : 38400 0 - NONE
Printers Port
Default: 1
General radio switch frequency
Radio cmd msec. 10 delay
Radio QRG from 100 Khz To 1000000 Khz

Save config
Exit without save
Reset to default settings

MULTI CONFIG
1 HF+SAT **SAVE** Title
2 HF **SAVE** Title
3 SAT **SAVE** Title

Wlog2000 - Config Menu

0 + User Settings
1 + Dx Cluster
2 + Qso
3 + Qsl
4 + Input / Output
5 + Awards
6 + Layout
7 + Log mode / AlertSpot
8 + Statistics
9 + Audio & Speech

☒ Award1 FileName WAS
☒ Award2 FileName DLI
☒ Award3 FileName DMI
☒ Award4 FileName DCI
☒ Award5 FileName DAI
☒ Award IOTA IOTA

Save config
Exit without save
Reset to default settings

MULTI CONFIG
1 HF+SAT **SAVE** Title
2 HF **SAVE** Title
3 SAT **SAVE** Title

Wlog2000 - Config Menu

0 + User Settings
1 + Dx Cluster
2 + Qso
3 + Qsl
4 + Input / Output
5 + Awards
6 + Layout
7 + Log mode / AlertSpot
8 + Statistics
9 + Audio & Speech

Visible screen's

☒ Last's QSO ☒ Old Qso's ☒ Terminal ☒ Stats Qso Info

Save config

Exit without save

Reset to default settings

MULTI CONFIG

1 HF+SAT **SAVE** Title

2 HF **SAVE** Title

3 SAT **SAVE** Title

Wlog2000 - Config Menu

0 + User Settings
1 + Dx Cluster
2 + Qso
3 + Qsl
4 + Input / Output
5 + Awards
6 + Layout
7 + Log mode / AlertSpot
8 + Statistics
9 + Audio & Speech

LOG MODE:

☒ OM AMATEUR RADIO LOG

☐ SWL AMATEUR RADIO LOG

☐ CB CITIZEN BAND RADIO LOG

☐ BCL BROADCAST RADIO LOG

ALARM - ALERT SPOT file:

☒ Check ALERT file for each DxSpot

☒ Wildcard "<chr>" on the search alert query

FASTINPUT CALLSIGN SEARCH MODE:

☒ Search on this selected LOG FILE

☒ Search on MASTER.MDB LOG FILE

☒ Force automatically wildcard "<chr>" on the search query

3 Number of CHR when the callsign search mode begins

Save config

Exit without save

Reset to default settings

MULTI CONFIG

1 HF+SAT **SAVE** Title

2 HF **SAVE** Title

3 SAT **SAVE** Title

Wlog2000 - Config Menu

0 + User Settings
1 + Dx Cluster
2 + Qso
3 + Qsl
4 + Input / Output
5 + Awards
6 + Layout
7 + Log mode / AlertSpot
8 + Statistics
9 + Audio & Speech

Stats BAND 1 5.3 Stats BAND 6 21.0

Stats BAND 2 7.0 Stats BAND 7 24.9

Stats BAND 3 10.1 Stats BAND 8 28.0

Stats BAND 4 14.0 Stats BAND 9 50

Stats BAND 5 18.1 Stats BAND 10 ALL

ALL = all band's !

Customize the 10 band which appear on the Stat's window of Wlog2000.

Save config

Exit without save

Reset to default settings

MULTI CONFIG

1 HF+SAT **SAVE** Title

2 HF **SAVE** Title

3 SAT **SAVE** Title

Wlog2000 - Config Menu

0 + User Settings
1 + Dx Cluster
2 + Qso
3 + Qsl
4 + Input / Output
5 + Awards
6 + Layout
7 + Log mode / AlertSpot
8 + Statistics
9 + Audio & Speech

Info alarm's

Info WVPX spot ☐ Play / check DXSpot-NewOne ☐ Sound / check TALK

Info WVAZ spot ☐ Play / check BAND ☐ Sound / check ANNOUNCE

Info ITU spot ☐ Play / check DX'er ☐ Sound / check WX

Info WVAZ spot ☐ Play News Alarm ☐ Sound / check WVV

Info WVAZ spot ☒ Date on pkt after restart ☐ Sound / check NEW MAIL

Note: For the infos PLAY and CHECK NEWONE, DX, ANNOUNCE, TALK... of the dxcluster, activate PLAY and in the case disarm the audio with the special icon / button in the window packet.

Save config

Exit without save

Reset to default settings

MULTI CONFIG

1 HF+SAT **SAVE** Title

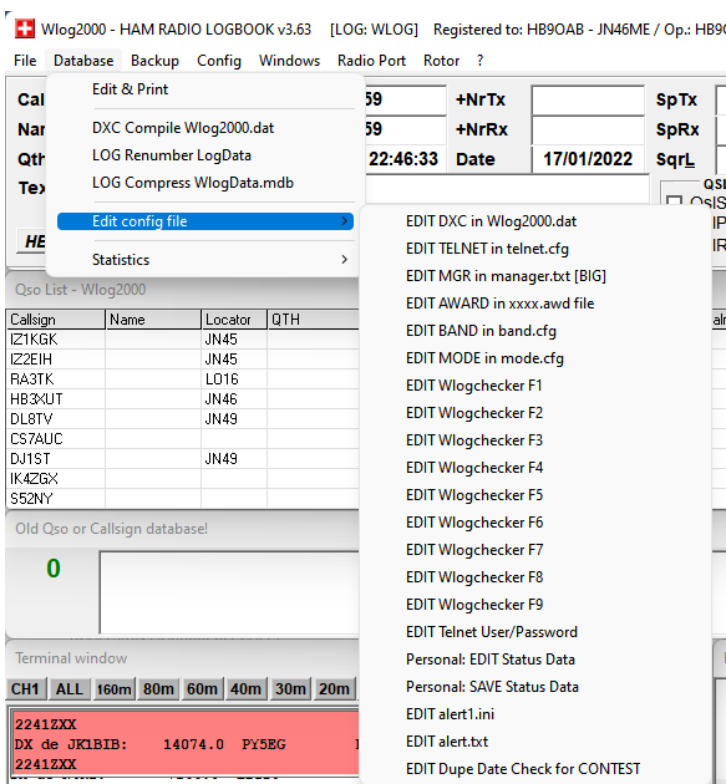
2 HF **SAVE** Title

3 SAT **SAVE** Title

By following these configuration examples, everything should work perfectly. You can therefore customize here and there depending on your needs.

Then just customize your configurations to get the best result available from the program and its potential that runs in the background during use, speeding up and giving the best result on its use.

FILE EDITOR CHANGES to configuration files:



Another very useful option is the possibility of editing the various program configuration files.

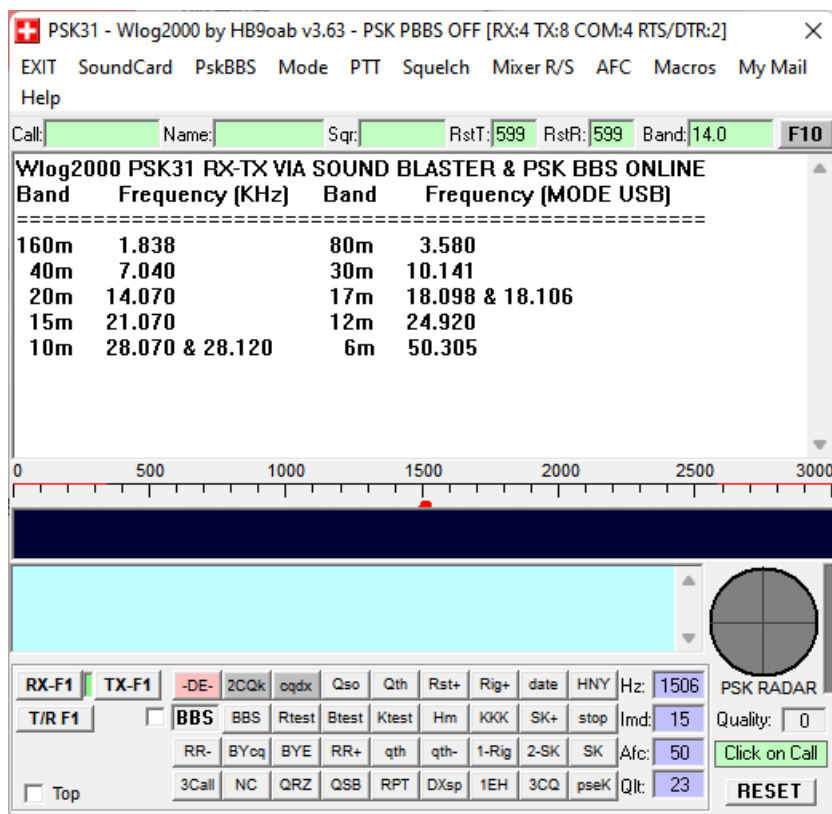
You just need to remember that some files modified require a restart of the program to be effective.

- DXC updates the DXCC list of countries, requires the DXC compiler wlog2000.dat be careful of possible errors
- ALERT configures the searches arriving from the right cluster which will then be shown in a RED window in the DXCLUSTER, very useful for searching dxpedition
- TELNET updates internet/telnet dxclusters
- TELNET
- DUPE DATE to use if you want a DUPE ALERT ONLY for from that date. For example, for a contest it is important to configure the CONFIG MENU with the appropriate option 1-5 in CONFIG>3.QSO)
- WlogChecker edits the STATISTICS>WLOGCHECKERF1-F9 function keys

The others seem pretty understandable...

PSK 31 – PSK63 – PSK125

A useful MODE/DEMODEM for PSK is contained in WLOG2000. Those who don't know the PSK system will be able to have fun here with excellent connections and even many unthinkable DXs. First select the correct TX and RX sound card.



Just tune for example to 14.070 (the standard PSK mode is USB -Upper Side Band- for all frequencies) and CLICK on the signals you see flowing on the 3kHz wide waterfall where the signals are visible on the FFT decoding window (waterfall).

If the signals are narrow, like the red "POINTER", it will be PSK31, if medium and almost double the pointer it will be PSK63 and if more than double the pointer wide, it will be PSK125, it is enough to see them only once to understand them and to be ready for the decoding.

You will need to select your sound card for RX and TX your COM with your PTT on RTS or DTR or RTS/DTR, or simply work via VOX.

You will thus be ready to receive and transmit in PSK, it could be considered an evolution of RTTY, a simple and pleasant system, also without the need to use the VFO and with all the signals ready on the 3kHz of your radio tuning. The most used mode is certainly PSK31 followed by PSK63 and then PSK125 which are faster but wider and subject to possible disturbances and poor reception.

A right click with the MOUSE on the predefined KEYS allows you to modify them as desired in the text and title.

There is also an automatic QSO function, abandoned in the configuration a few years ago given the "complaints from stations that worked with this ROBOT" or rather that they did not know how to work with this "NEW" robot which is capable of making the QSO on its own, even recording it to LOG at the end if everything went well.

Unfortunately, since the PSK is subject to possible reception errors, the instability of an automatic system is understandable given the absence of an RTX correction protocol... such as AMTOR/ARQ and, as in RTTY, the noise causes data to be lost.

The BBS can however be useful for sending bulletins on request, configuring it as desired.

We can say that between RTTY and FT modes there was PSK... you will also love knowing how old your correspondent is and various detailed information also on the PC's CPU... please: don't exaggerate with the information...

A double click on the reception window, on the writings such as CALL QTH NAME LOCATOR etc..., allows you to immediately store the clicked data which will be inserted in a special window to retransmit them to your log and an F10 or with the save switch, directly save the data at the end of QSO.

Here too, CALL and LOCATOR are automatic, an ENTER/RETURN is enough to insert the data into the LOG.

An interesting RADAR and a Hz, IMD and QUALITY verification system of the tuned signal, received and decoded on

the screen, also allows you to automatically give an exact report to your correspondent who will be happy to receive personalized data in the myriad of pre-recorded data used in PSK .

Almost all of this information can also be automated and inserted into automatic messages with SPECIAL SWITCHES (drop-down list).

The TOP button allows you to always have the window in the foreground above all the others for immediate access.

NOTE: if you have several sound cards inserted into the PC system, you may NOT have the correct definition, it is recommended here to test the correct card for both transmission and reception. Unfortunately for the PSK mode we use an external DLL which unfortunately has no longer had any update evolution and therefore has always had this problem of identifying multiple peripherals especially if using VIRTUAL AUDIO CABLE which our programming program does not see correctly... If If we could we would have already modified it but unfortunately this is not possible due to the limits of the DLL and the compilation program...

WLOG CHECKER

The external WLOG checker program immediately interfaces with the WLOG2000 program.
Individual check for mix band mode etc... for QSO DXC WPX WAZ ITU WAC SQR

The check for DATA can also be sectorized only for FT8 as has been predominantly used in recent years and will certainly follow.

WlogChecker by HB9oab 2003 <> <http://www.wlog2000.com> v3.1 Status LogBook: [WLOG - 18.01.2022]

Wlog2000 - HB9OAB LOG checker

InfoLog: 18.01.2022 / 00:11:56
LogName: WLOG

QSOs:
wlog2000 at www.wlog2000.com

BAND	WORKED				CONFIRMED				NOT CONFIRMED				AWARD			
	CW	PHONE	DATA	MIX	CW	PHONE	DATA	MIX	CW	PHONE	DATA	MIX	CW	PHONE	DATA	MIX
0.134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
430	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MIX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FULL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE: ONE CLICK ON ANY NUMBER WILL GIVE YOU A COMPLETE RESULT!

QSO DXC WPX WAZ ITU WAC SQR ☐ FT8 Load LogBook INFO MODE USED (check your LOG): DATA ALL

Check your MODE Check your BAND SQL PRT INFO

CW = CW DATA = RTTY PKT PHONE = SSB AM FM MIX = ALL MODE

Simple to use and above all very versatile, it also allows you to export your choices on the fly with a click on any window or button. Furthermore, those who are familiar with SQL QUERY will be able to enter their own personal query.

WlogChecker by HB9oab 2003 <> <http://www.wlog2000.com> v3.1 Status LogBook: [WLOG - 18.01.2022]

Wlog2000 - HB9OAB BAND [] checker

InfoLog: 18.01.2022 / 00:17:15
LogName: WLOG

QSOs:
wlog2000 at www.wlog2000.com

	WORKED				CONFIRMED				NOT CONFIRMED				AWARD			
	CW	PHONE	DATA	MIX	CW	PHONE	DATA	MIX	CW	PHONE	DATA	MIX	CW	PHONE	DATA	MIX
QSO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DXC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WPX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAZ	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ITU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SQR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

START PRT INFO MODE USED (check your LOG): CW = CW DATA = RTTY PKT PHONE = SSB AM FM MIX = ALL MODE

Also very useful are the CHECK MODE and CHECK BAND keys which check ALL MODES and BANDS entered for any errors while the other keys are self-explanatory.

By clicking on the button on the left for each "band" you will get a specific selection for that band only for all 7 choices QSO DXC WPX WAZ ITU WAC SQR

WEB CALLSIGN INTERFACE

QRZ.com – QSLinfo – HamCall – HamQTH QRZcq – Dxwatch – Home Browser

UPDATED NOTE: unfortunately due to MICROSOFT's lack of updates to the evolution of WINDOWS10/11 for the

original Windows WEB BROWSER EXPLORER which no longer provides support, the system CANNOT be updated anymore as was our intention (for now) and therefore the data on some pages on the web browser cannot be viewed correctly and sometimes the message appears that the browser is NOT updated.

It is therefore important to know that the WEB BROWSER IS NOT MADE FOR NAVIGATION but special algorithms allow the insertion of the CALL to press F1 and to have the direct data of QRZ.com and if the name is registered on other network platforms that publish the data (since QRZ requires registration to have personal data), WLOG2000 will show the window with the user's data that it has found through a network search algorithm managed by WLOG2000 and will show the data that with a MOUSE CLICK they will be immediately inserted into your WLOG2000 to be used as call information fields.

A further possibility is to press F2 when inserting the call which takes you to QRZ.com with your default browser with the call information which you can copy and paste from the text presented with the classic CTRL-C/V which however with your browser cannot be automated.

See below for details:

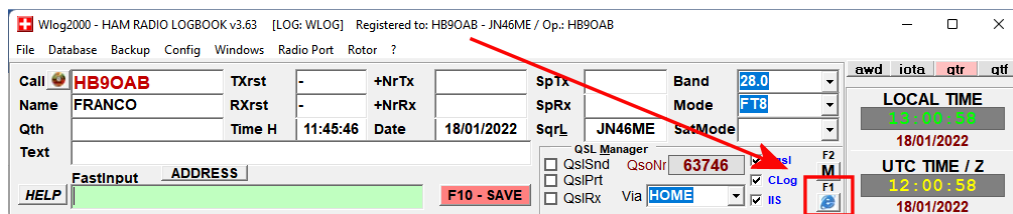
By pressing F1 with the entry of the CALL, we will have the information for that CALL available on one of these online LogBook systems. Unfortunately some of these services are paid, previously we could "sniff" the data on the various sites and then automatically connect them with WLOG2000. Unfortunately in the paid systems they didn't want to leave XML access to access the data, so we opted for automatic interaction with HamQth which is open but unfortunately every now and then has some problems and the data contained are not always correct.

Possibly with a simple COPY/PASTE from QRZ.com you will still be able to update the data quickly and reliably.

However, we also recommend the use of a CALLBOOK which greatly facilitates the insertion of personal data, even if many names that have been "repurposed" and assigned to other users logically have incorrect data in the database.

As we see in the image, the data is immediate and immediately available. If from the MAIN LOG we press F1 or click on the "Explorer" button

In the configuration you can also choose which server to connect first, given that for example qrz.com only allows 100 requests per day unless registered users and/or others have absolutely no correct data (especially the location and name which are incorrect



Then the requested browser window will open if with F1 and with the network data with the additional window, if instead the overlay window where you can click on the information does NOT appear, it means that the CALLSIGN inserted does not have information on the network.

You can however use the CLASSIC CDROM with the names with which WLOG2000 is compatible.

UPDATE NOTE: the F2 key has been added to the F1 key described here, which takes you directly to your browser on qrz.com with the Callsign information.

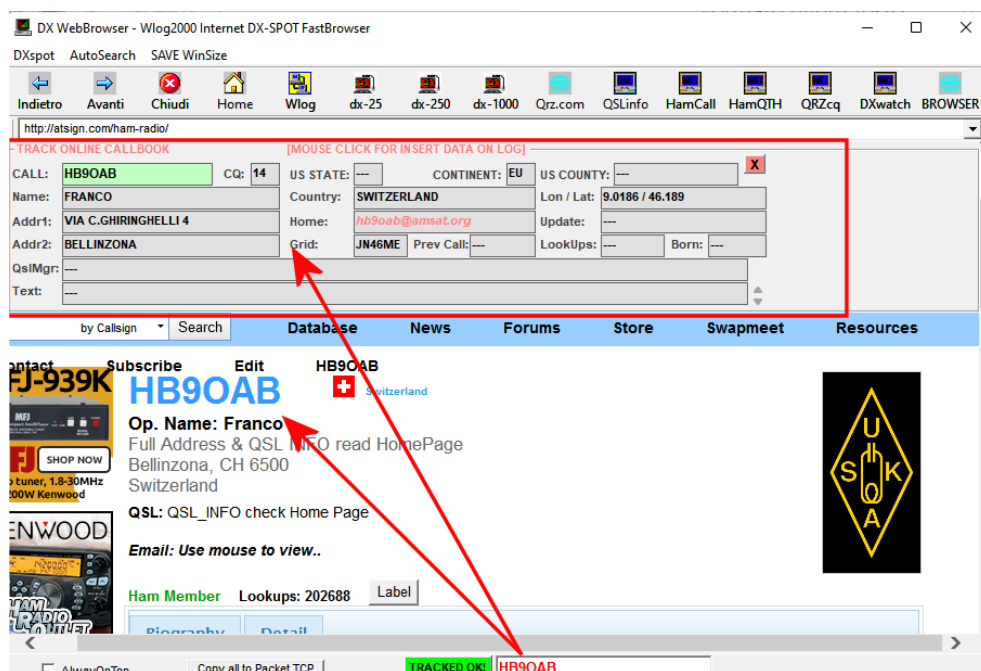
Opening the web browser alone, this is what it looks like:



Unfortunately, this BROWSER EXPLORER window is no longer editable in its Explorer DLL/OCX with the new WINDOWS systems since it is originally based on Windows Explorer which is no longer supported by Microsoft and it is not possible to modify or replace it in the program since the DLL/ OCXs used are no longer updated by Microsoft. To overcome this inconvenience that cannot be overcome by current and imposed programming, we have added the BROWSER F2 button which allows you to open your own BROWSER configured on your PC, making the page compatible with your OS.

The commands of the WEB window are simple and it is possible to memorize the search and viewing site among those listed.

A particular window connected to Ham automatically shows you all the data and if the CALL is recognized in HAMCALL, the window will automatically open in the box with the personal data for the connected name. Then you can PRESS A DOUBLE CLICK WITH THE MOUSE on the windows that appear in the ONLINE CALLSIGN TRACK to transfer the data directly into the WLOG2000 boxes: very simple and convenient to update your QSO data with the data you prefer.



If you instead press the BROWSER button, your BROWSER will open on the PC with the data from the window you opened.

Simple and very practical.

ATTENTION: a NON response from the installation or a possible error warning as "unable to install" or "not necessary" etc..., of DISK 1-2-3 means that your system is updated or already contains updated DLL/OCX packages necessary for your WINDOWS.

WLOG2000

ATTENTION: a NON response from the installation or a possible error warning as "unable to install" or "not necessary" etc..., of DISK 1-2-3 means that your system is updated or already contains updated DLL/OCX packages necessary for your WINDOWS.



WLOG2000 the simplest but most complete, fast and automatic LOGBOOK for radio amateurs!

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www.wlog2000.com