

Fldigi Configuration Check List

for Fldigi ver. 4.1.9 and higher

Version 4.0 - 05/04/2020

WA2LBE
KC2SKG
K2QQY

Check list for fldigi-4.1.12

flarq-4.3.7 (installed along with fldigi)

flmsg-4.0.14

flwrap-1.3.5

flamp-2.2.03

This check list assumes you have successfully installed all the above programs.
All defaults are assumed, only those needed for RACES, have been identified

Fldigi

- Start Fldigi
- Close the Fldigi Configuration Wizard, we will be using the configure menu
Click Finish
- Open Configure > Config Dialog
If "Windows Firewall has blocked some features ..." pops up
Click> Allow access
- Configure > Operator-Station
Station Callsign: <Station call sign>
Operator Callsign: <your call sign>
Name:<Your first name>, [Optional: First and Last name.]
Antenna: <very-brief-description-of-most-used-antenna>, e.g., "J-pole"
Station QTH: <City, State-abbreviation>[where you are licensed]
Station Locator: <Maidenhead Grid Locator>
Choose State and County from drop down menu

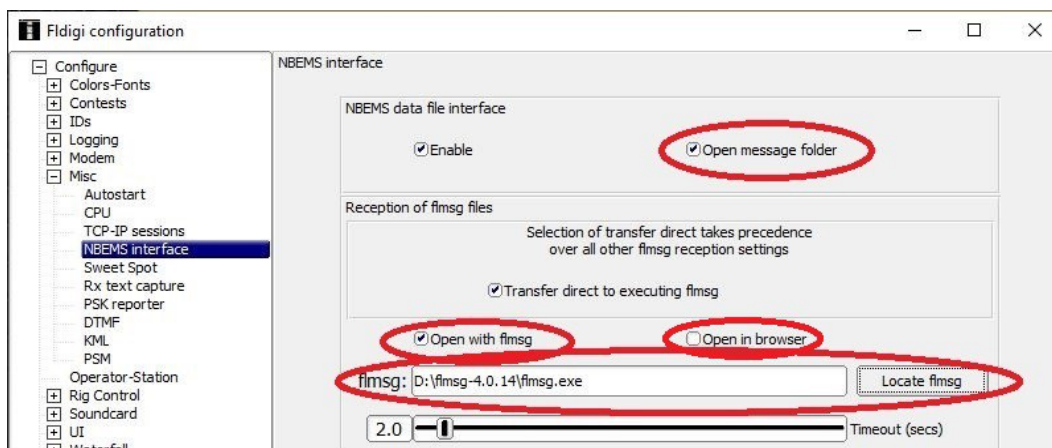
[To be legal the operator callsign must be changed here each time the radio operator that uses this computer program for radio transmissions, is changed.]

- Click **Save**

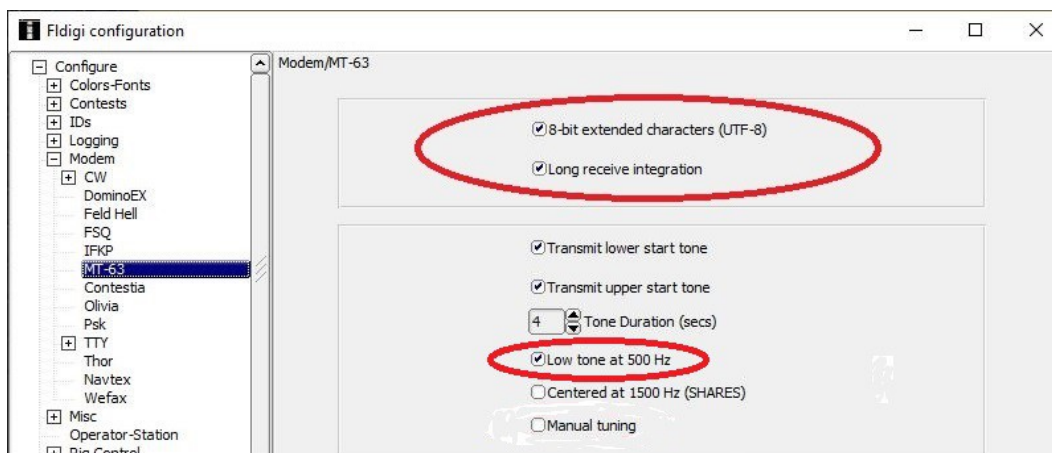
- Configure>Misc>CPU
Use default value (unchecked) unless CPU is slow.
- Configure>Misc>NBEMS interface
Check (enable): Open message folder.
Uncheck (disable): Open in browser. (optional-depending on user)
(With this checked, any received message form will be displayed in the default browser suitable for printing. Can be open from Flmsg by clicking File>View>Html delivery)
- Browse using "Locate flmsg" and highlight flmsg-xxxx folder.
Click>Open
Click on flmsg.exe, then Click>Open

Locations based on system type: Windows – 64 bit: C:\Program Files (x86)
Windows – 32 bit: C:\Program Files

The FLMsg application folder label contains the version number.

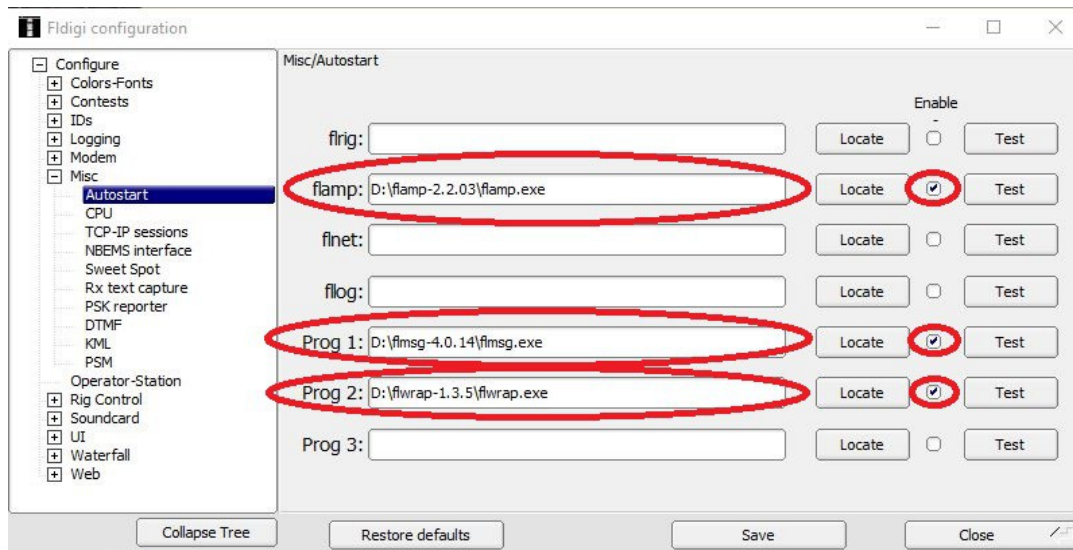


- Click **Save**
- Configure>Modems>MT-63
Check (enable): Long receive integration
Check (enable): Low tone at 500 Hz



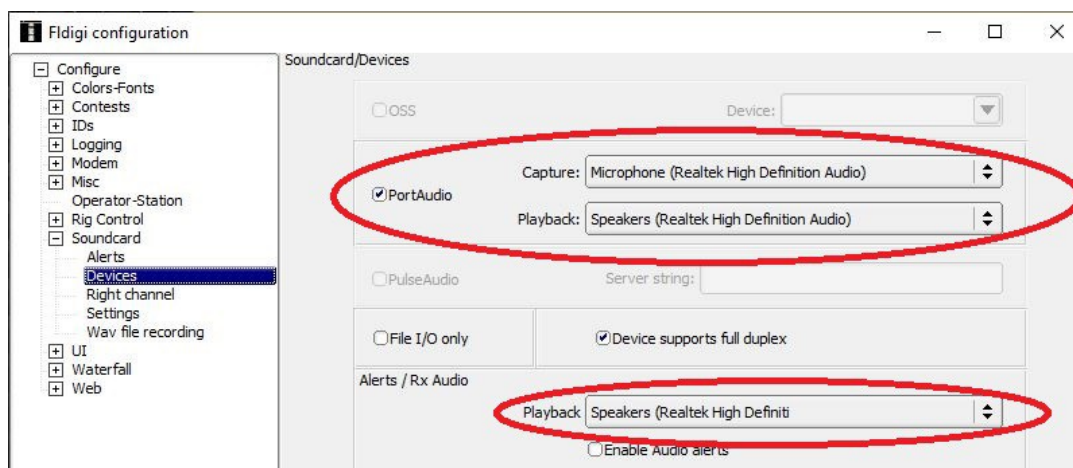
- Click **Save**

- Configure>Misc >Autostart>flamp
Locate flamp.exe file and click Open
Click>Enable button
- Configure>Misc>Autostart>Prog 1
Locate flmsg.exe file and click Open
Click>Enable button
- Configure>Misc>Autostart>Prog 2
Locate flwrap.exe file and click Open
Click>Enable button



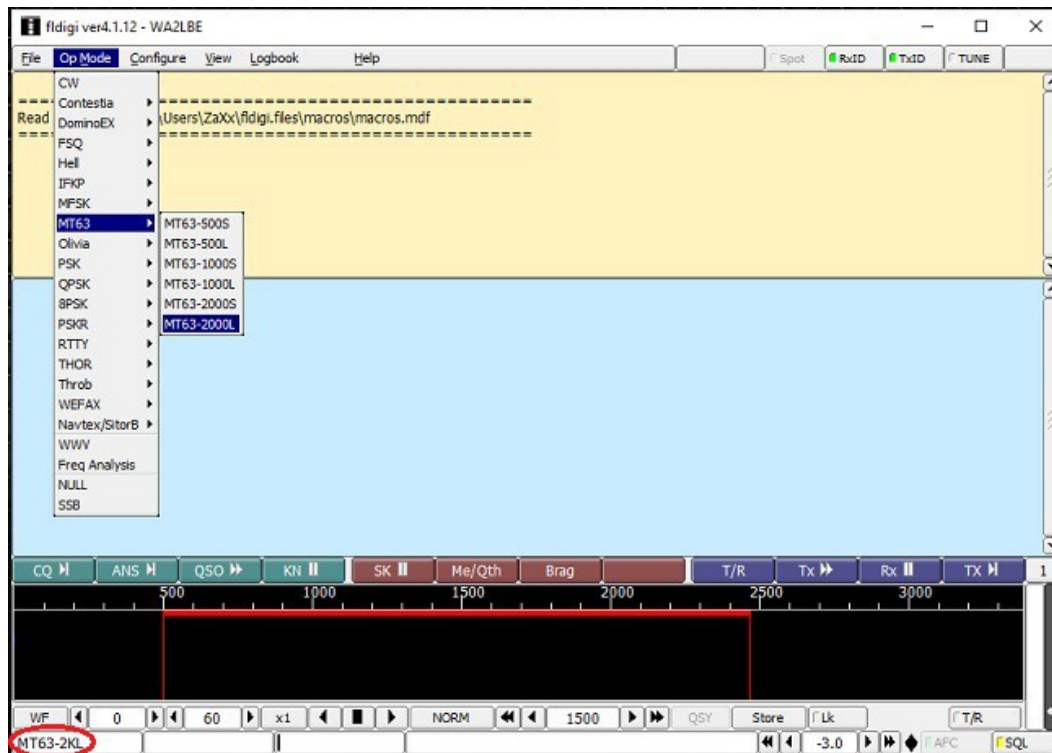
- Click **Save**
- Configure>Soundcard>Devices
Check (enable): PortAudio

For now, you will using the internal sound card, select the proper audio settings for your computer.



- **FINALLY:**Click the **SAVE** button, then the **Close** button.

- Use the main menu selection “View>Rig/Log Controls”
Select: None
- Use the main menu selection “View”
Click on “View/Hide Channels”
- Use the main menu selection “Op Mode>MT63>MT63-2000L”.
Confirm "MT63-2KL" is indicated in lower left hand block of Fldigi



- Use the main menu selection “Configure>Save Config.” Menu selection
- Minimize Fldigi to taskbar

Fmsg

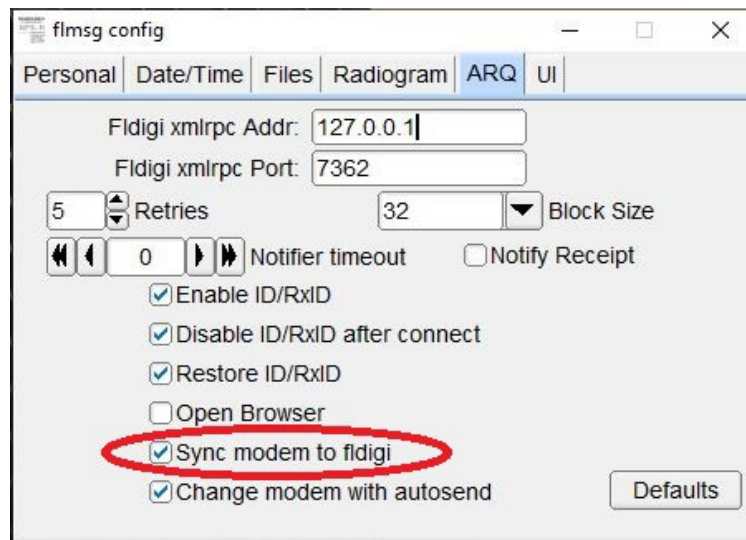
- Start Fmsg

You may get a Security Alert that windows Defender Firewall has blocked some features. Click on “Allow access” or “Unblock”

On the message window that opened: Click on “Communicator/Expert”

- Config>Personal data
Call: <your call sign>
Name: <Your first name>, [Optional: First and Last name.]
Addr: <Street address> [Optional]
City/St/Zip: <City, State and ZIP code> [Optional]
Email addr.> [Optional]
- Configure>ARQ

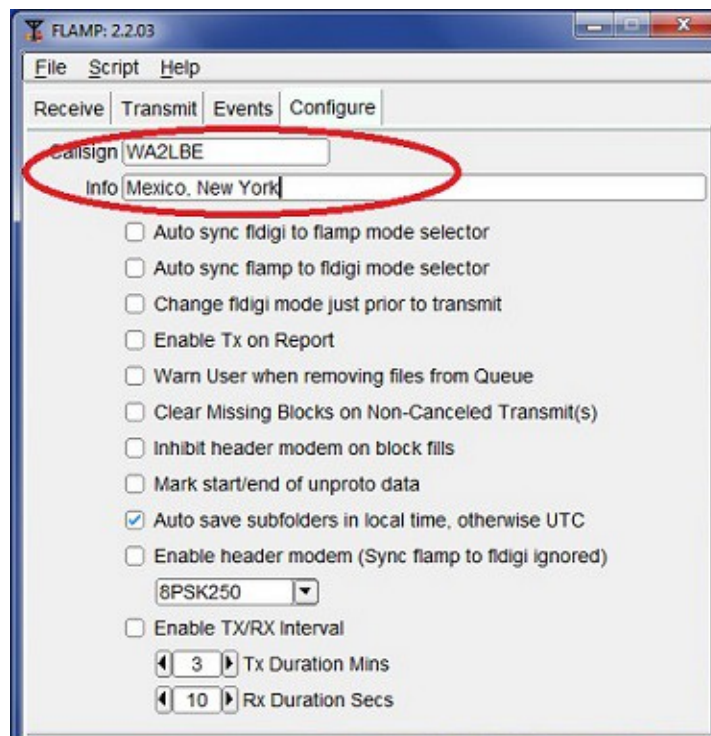
Check (enable): Sync modem to fldigi



- Config>UI>
Verify "User Interface = Expert" is checked (This will open message forms on startup)
- Close The Config window, no SAVE required
- Minimize Flmsg window to taskbar

Flamp

- Start Flamp
- Click>"Okay" on pop-up window that reminds you to enter information
- Enter Callsign and location (for "Info")
- Close Flamp window, No SAVE required

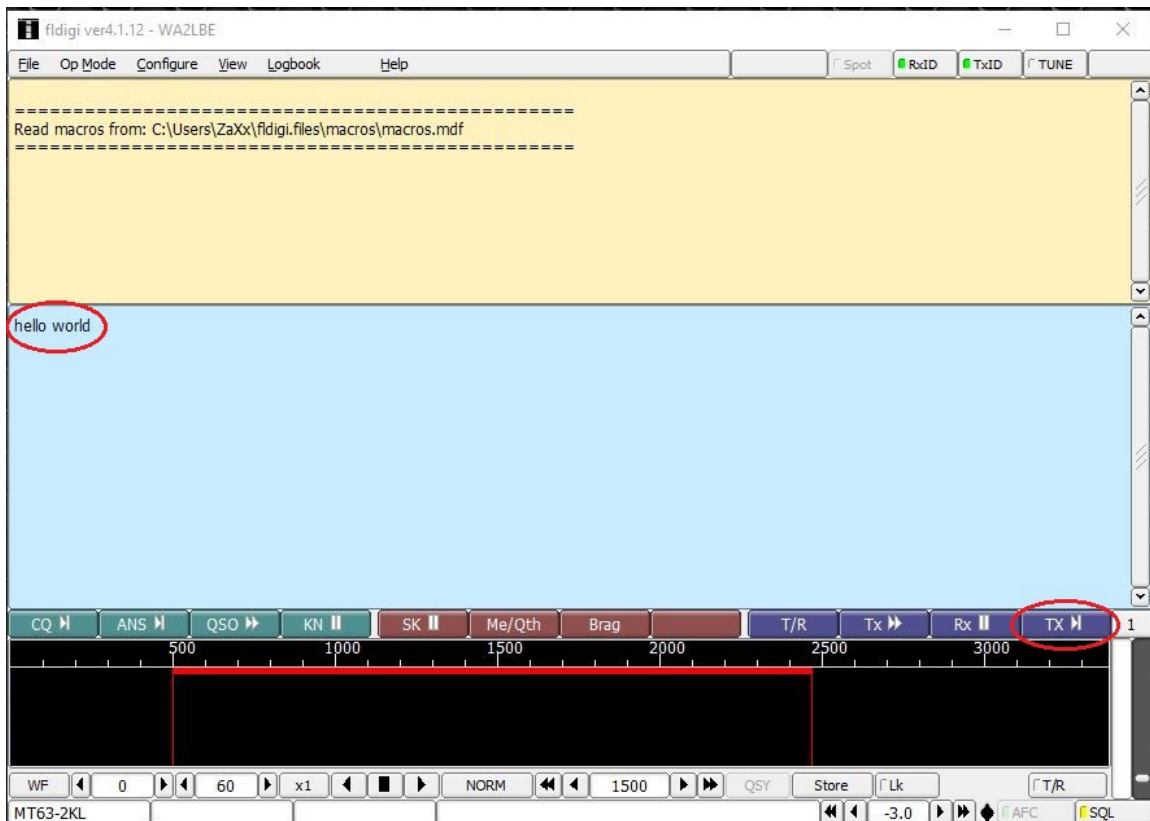


Flwrap

No setup required

Fldigi check-out

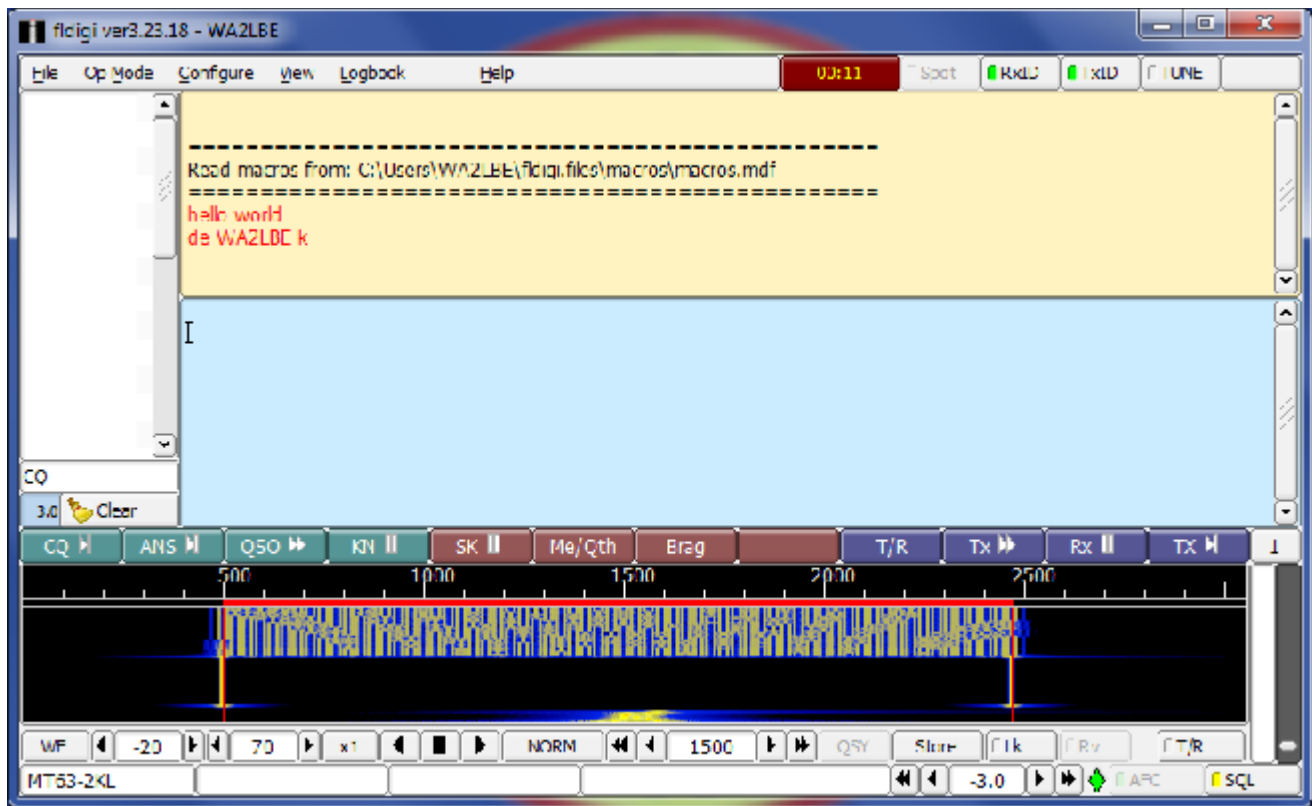
- Close all open Fldigi windows
When closing Fldigi, a box will pop-up asking "Confirm Quit"
Click "YES"
- Restart Fldigi
Verify fldigi, flwrap, flamp, and one flmsg form opens
- Minimize all windows but Fldigi
- Verify that no external sound interface is connected to the computer.
- Type "HELLO WORLD" into the lower BLUE Transmit pane.
Click >TX>I (right most macro)



The message will echo into the upper TAN receive pane, in red, the BLUE will erase as it is transmitted.

The transmitted tones will show up in the waterfall, and be heard from the computer's

speakers.



If problems are encountered, re-check configurations and computer sound card settings.

<< You are now ready to send and receive with fldigi, using the mike and speaker method (Acoustic coupling), see you on the air >>

This checklist is for VHF/UHF operation. To avoid overheating your radio, use only enough power as necessary to maintain contact. Digital modes run 80 to 100% duty cycle.

Once you have installed your sound interface, Signalink or RIGblaster, you will have to re-configure “Capture” and “Playback” settings for
Configure>Soundcard>Devices.

Chose some form of “USB Audio CODEC”.

Be sure to READ the FINE MANUAL that came with it for more information.