

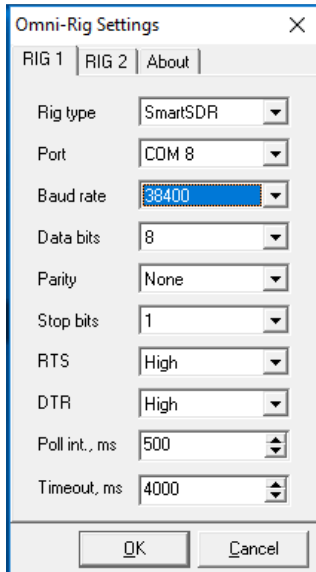
**FT-8 met een Flex-6000, logging met log4om
en
spots in SmartSDR met N1MM**

LOG4OM, JTaleret en WSJT-X moeten als administrator worden uitgevoerd.

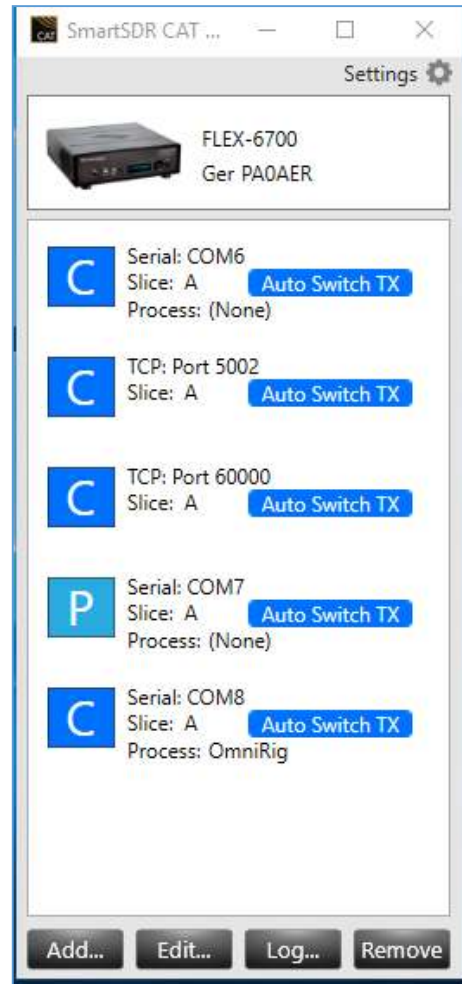
Log4OM gebruikt Omnirig, eventueel downloaden en installeren.

Bewaar ergens alle wachtwoorden, ook van MySQL

Omnirig instellingen:



SmartSDR COM 8 instellingen voor Omnirig:



LOG4OM instellingen

Log4Om Settings

Selected Config | Station Info | Settings 1 | Settings 2 | Cat & Cluster | QSL and Labels | External logs | Database | Audio config | Services

Webpage

Select configuration:
PA0AER [RUNNING] [ACTIVE]

New Config **Clone Config** **Make active** **Delete Config**

*** requires program restart**

Config ID: 2211e928-e2b4-4da2-b4a9-fde2a357ce99
Start Log4OM executable with "CONFIG=yourConfigId" param to run Log4OM with specific configuration

Enable Expert mode

Internet connection
 Auto detect
CONNECTED
 Disable (forced)
 Enabled (forced)

Reset Config *** requires program restart** **Print config**

Report usage data for statistics (Thanks for enabling)

Log4Om Settings

Selected Config | Station Info | Settings 1 | Settings 2 | Cat & Cluster | QSL and Labels | External logs | Database | Audio config | Services

Webpage

Station Info's

Profile description	PA0AER	Owner Callsign	PA0AER
Station Callsign	PA0AER	Operator name	Ger
My Locator	JO33HH	My Street	Ommelandersdrift 41
Operator Callsign	PA0AER	My City	Bedum
Country	Netherlands	My Postal Code	9781LB
EU ITU	27	My State	Groningen
CQ	14	My Country	Netherlands
PA	DXCC 263	My Rig	FLEX-6500
IOTA Group		My Sig	
IOTA Island		My Sig info	
IARU Region will determine your bandplan		Tx Power	100,000
IARU Region *	1	Antenna (*)	dipoles and crossyagis
Find using my ITU See IARU / ITU Zones		My Fists	
My USA-CA Counties		My SOTA	
My VUCC Grids			

Reset Config *** requires program restart** **Print config**

Report usage data for statistics (Thanks for enabling)

Log4Om Settings

Selected Config | Station Info | **Settings 1** | Settings 2 | Cat & Cluster | QSL and Labels | External logs | Database | Audio config | Services

Webpage

Image settings

- Blue Marble
- Real terrain
- Custom

External sources

- No external sources
- Use HamQTH
- User Password
- Use QRZ.COM
- User Password
- Use QRZCQ
- User Password

Web External source

- Use HamQTH
- Use QRZ.COM
- Use QRZCQ

Program configs

- Check for new releases Language * en-US
- Backup folder (empty = default) View Config path
- Optional secondary backup folder No delete on secondary
- Backup depth Auto backup on closing

Lookup external sources

- Use clublog exception information
- use Special Callsign information
- Fill data using previous QSO
- Realtime Lookup (Deselect for checking on TAB)
- Realtime previous QSO while typing (SLOW)

Document archive folder

Reset Config * requires program restart

Print config

File | QSO Manager | QSL tools | Radio | Utilities | Settings | Help

Log4Om Settings

Selected Config | Station Info | **Settings 1** | Settings 2 | Cat & Cluster | QSL and Labels | External logs | Database | Audio config | Services

Webpage

Auto update (program-wide parameter)

Update Country database every	<input type="text" value="7"/> days	Update QSL File every	<input type="text" value="2"/> days
Update Clublog File every	<input type="text" value="7"/> days	Update IOTA database every	<input type="text" value="30"/> days
Update LOTW File every	<input type="text" value="7"/> days	Update Awards list every	<input type="text" value="7"/> days
Update SOTA File every	<input type="text" value="15"/> days		

External software start

Enabled	File Name	Parameters (optional)	Delay	Start before
<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="0"/> days	<input type="checkbox"/>
<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="0"/> days	<input type="checkbox"/>
<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="0"/> days	<input type="checkbox"/>
<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="0"/> days	<input type="checkbox"/>
<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="0"/> days	<input type="checkbox"/>
<input type="checkbox"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="0"/> days	<input type="checkbox"/>

Misc

- Show distances in miles
- Normalize character casing from external sources
- SET start time when leaving the CALLSIGN field
- Alert me if I'm closing Log4Om with an unsaved QSO on screen

Reset Config * requires program restart

Report usage data for statistics (Thanks for enabling)

Print config

Selected Config | Station Info | Settings 1 | Settings 2 | **Cat & Cluster** | QSL and Labels | External logs | Database | Audio config | Services

Webpage

CAT SOFTWARE
 Hamlib OMNIRig

CAT & Cluster
 Open CAT on program start
 Open Cluster on program start
 CAT will set MODE when following spot
 CAT will switch to Digital (Omni rig only)
 Show cluster ungrouped
 Automatic Cluster Analysis
WARNING: Automatic Cluster Analysis is very disk intensive. Use is not recommended when working on slow disks or USB sticks
 Use alternative CAT freq. display

Special functions (Elecraft and others)
 Send FREQ before MODE
 Add delay btw FREQ and MODE msg

Transverter offset (KHz)
 0,000

Cluster highlight colors
 Country not worked/confirmed: **COUNTRY NOT WORKED** back fore
 Band/Mode not worked/confirmed: **B/M NOT WORKED** back fore
 Worked/conf. (country/band/mode): WORKED back fore
 Station not worked: STATION UNWORKED back fore
 Station worked: STATION WORKED back fore
 Station worked same band: STATION WORKED S.B. back fore
 Highlight: **HIGHLIGHT** back fore

Cluster filters
 160m
 80m
 60m
 40m
 30m
 20m
 17m

RESET

Log4Om Settings

Selected Config | Station Info | Settings 1 | Settings 2 | **Cat & Cluster** | **QSL and Labels** | External logs | Database | Audio config | Services

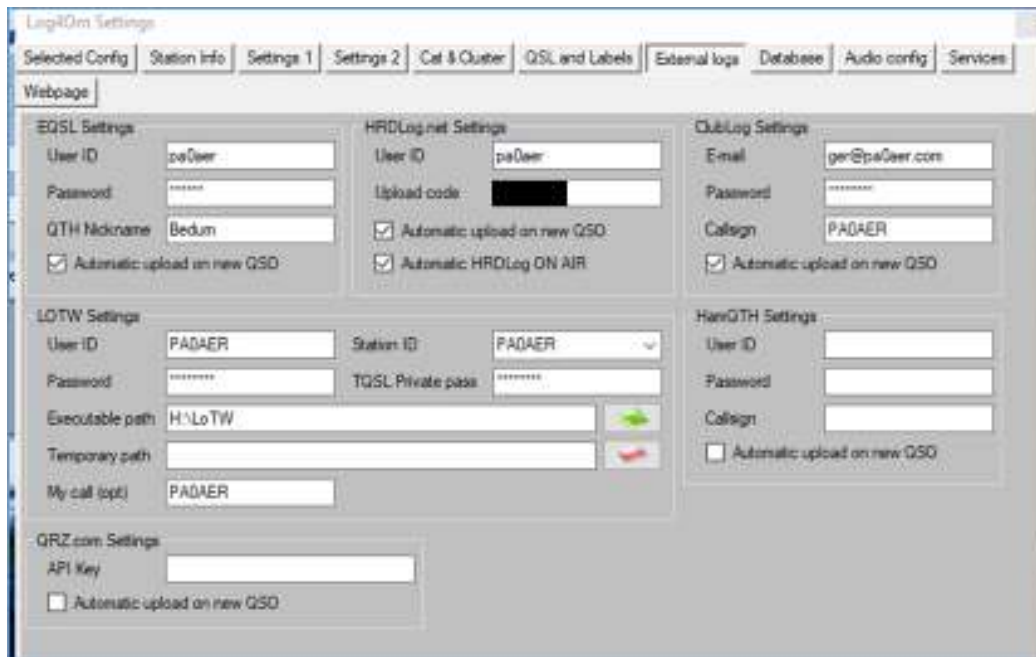
Webpage

QSL Defaults
 QSL Sent: R - requested QSL Received: R - requested
 LOTW Sent: R - requested LOTW Received: R - requested
 EQSL Sent: R - requested EQSL Received: R - requested
 QSL Sent via: B - BUREAU
 QSL message:

Label print
 Set PSE QSL when QSL RECEIVED STATUS is
 REQUESTED
 NO
 REQUESTED OR NO

QSL Alerts
 Alert for required QSL
 Alert for required EQSL
 Alert for required LOTW
 Show alerts also for unworked BANDS
 Show LOTW user

Statistic filters
 160m
 80m
 60m
 40m
 30m
 20m
 17m



Mysql database aanmaken

De software kunt u hier vinden:

<https://dev.mysql.com/downloads/installer/>

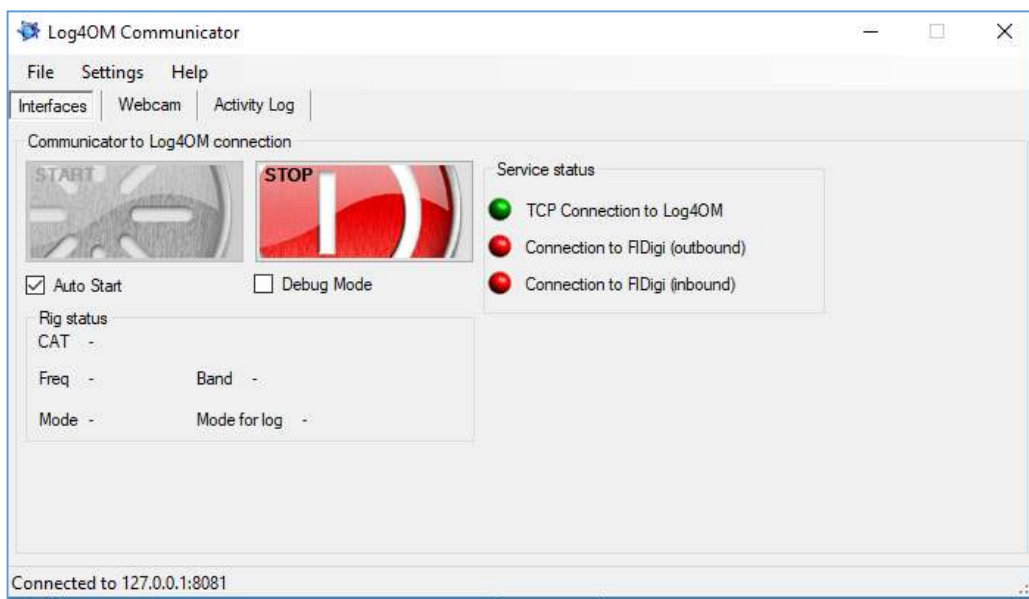
kiezen voor **mysql-installer-community-8.0.11.0.msi**

Bij het installeren kiezen voor developer en ook Windows service aanmaken!

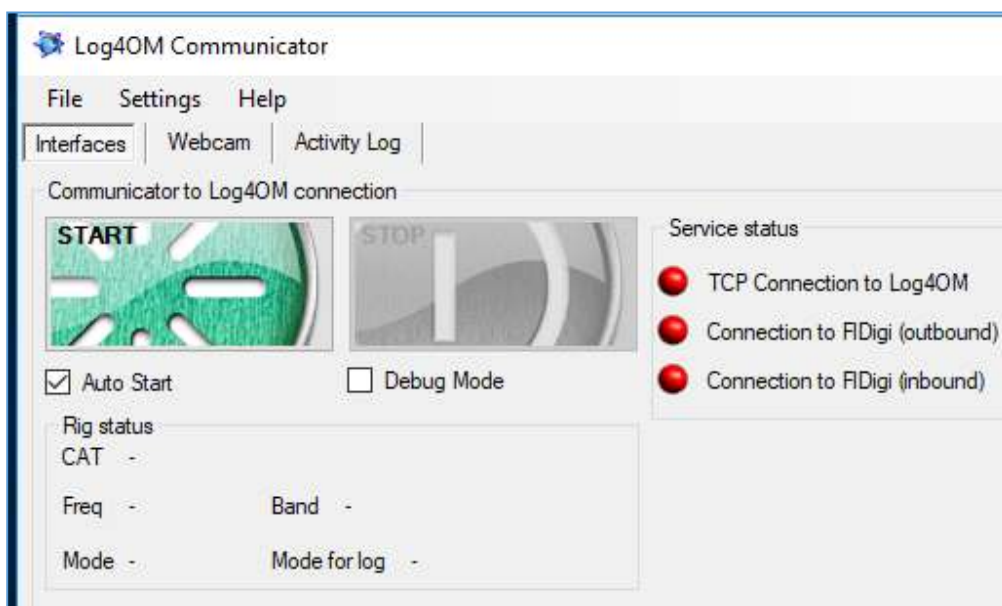
In de taakbalk van uw PC staat de communicator,



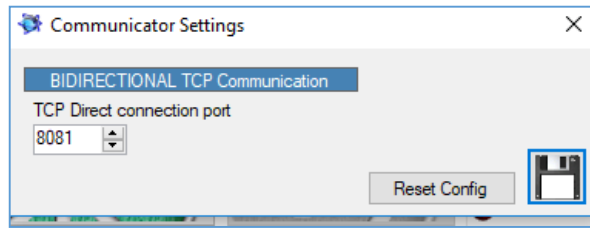
deze is als volgt in te stellen:



Klik op STOP



Klik op “settings” en “communicator” als volgt instellen en opslaan:

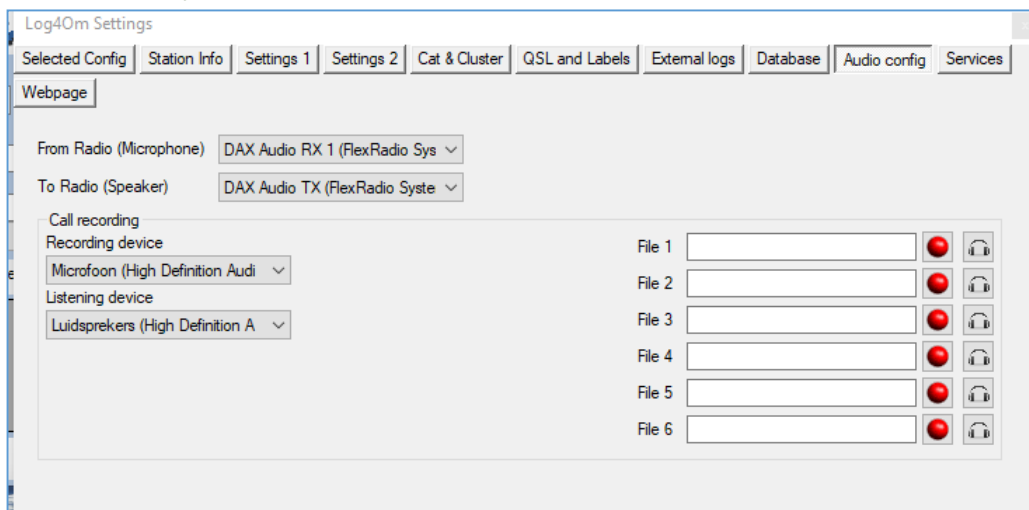


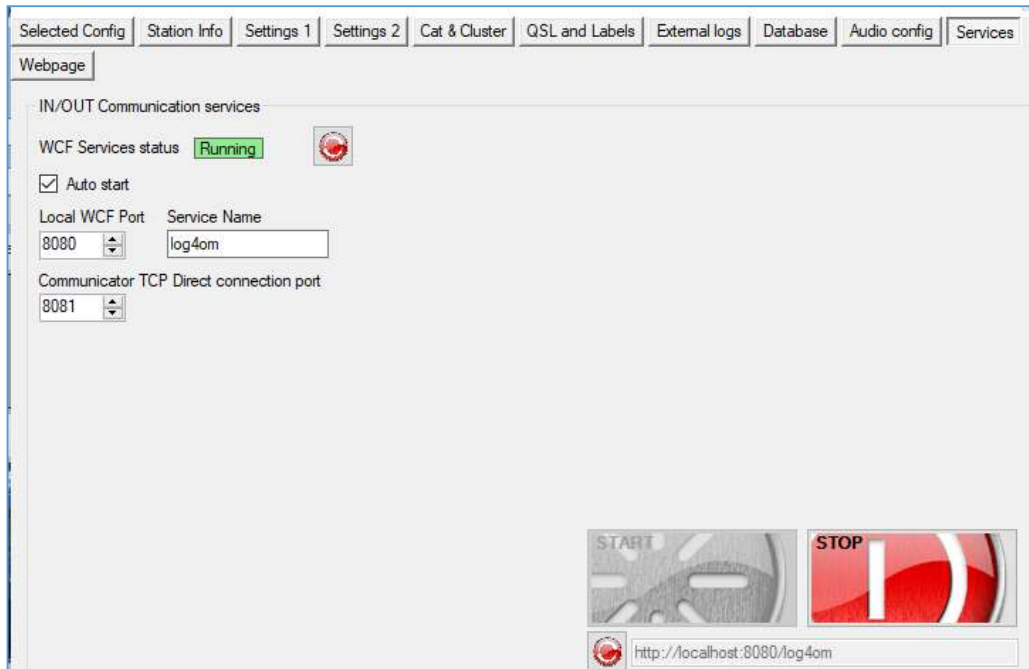
En daarna op settings > inboundsettings en stel als volgt in:



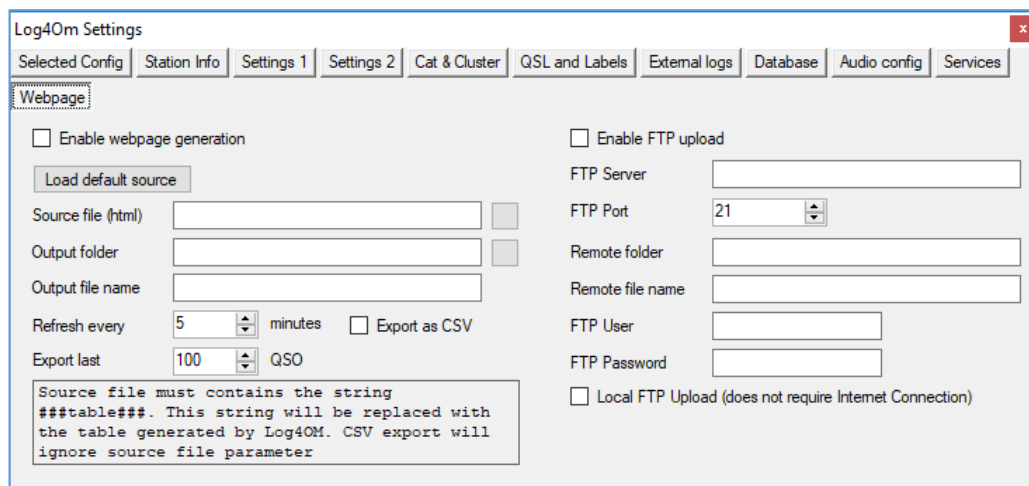
Vergeet dit vooral niet, automatische opslag werkt dan niet. Ook hier opslaan!

Start nu weer door op START te klikken.



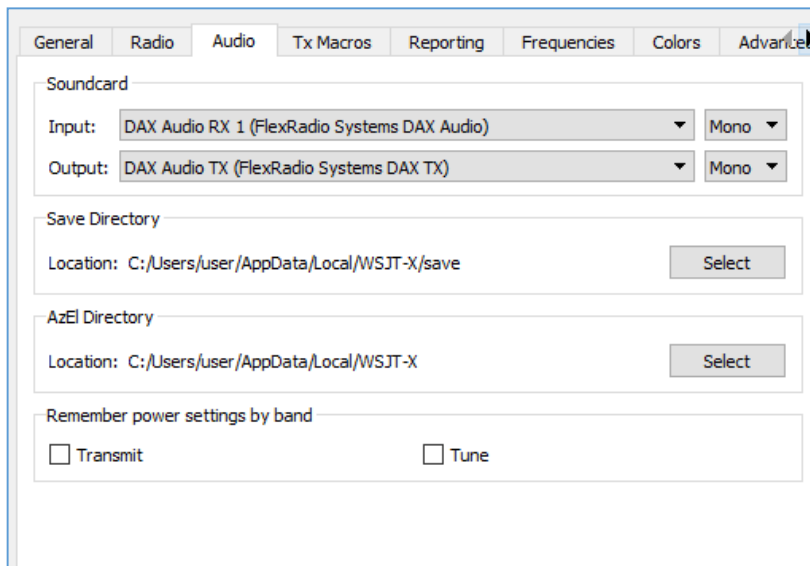
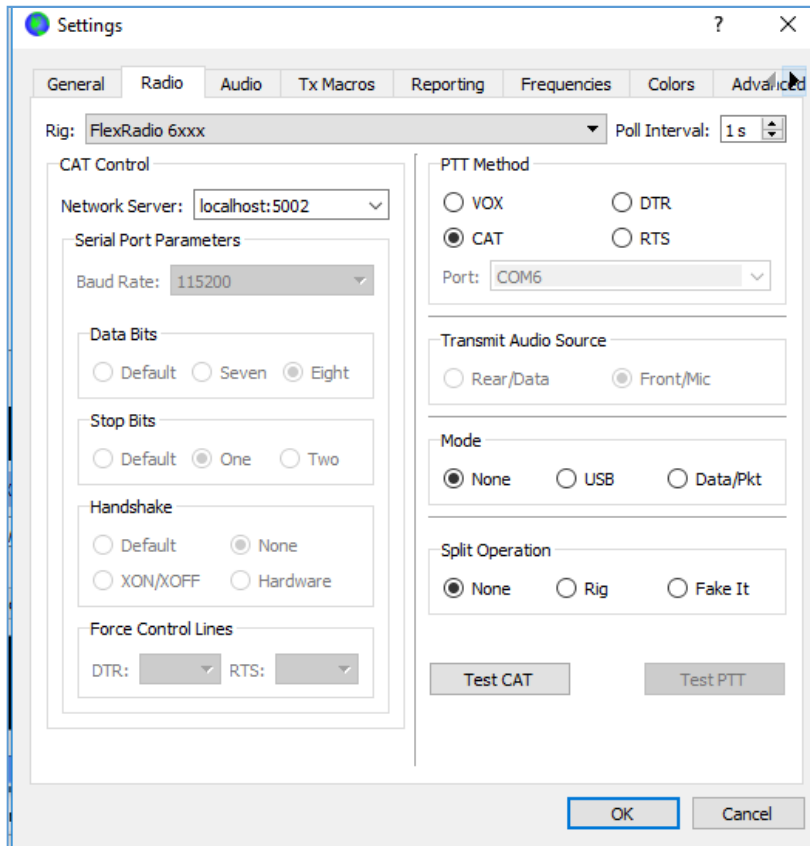


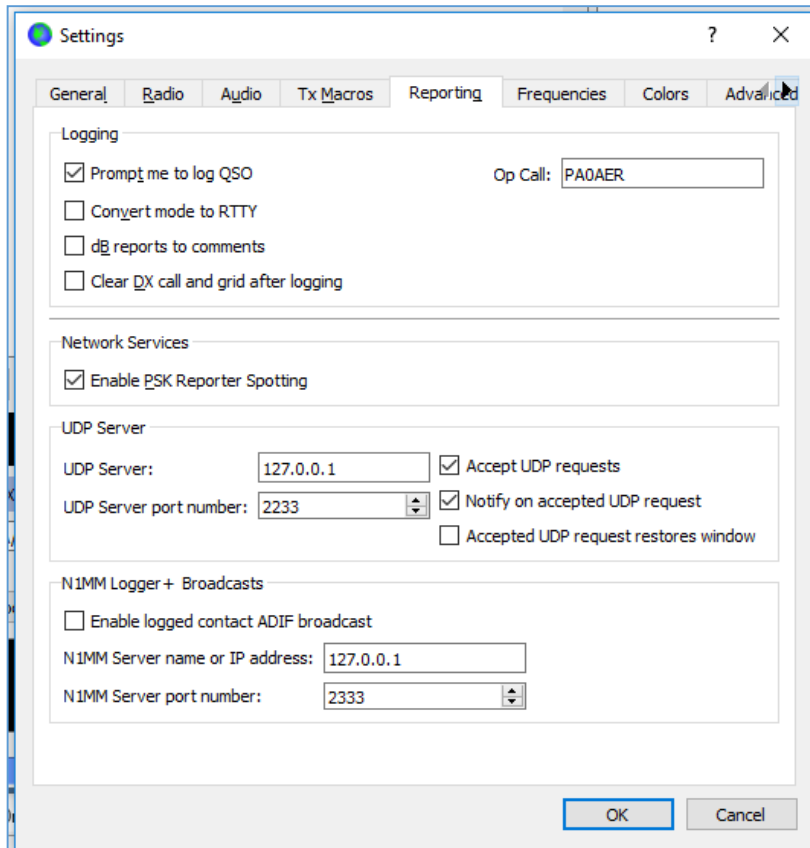
Bovenstaande werkt alleen als u bij het installeren van MySQL ook Windows services hebt aangemaakt. Als u dat niet hebt gedaan hoeft dat niet te beteken en dat uw installatie verder niet goed werkt. Ik heb in elk geval bij één van mijn installaties geen windows services aangemaakt. Maar verder werkt alles wel goed.



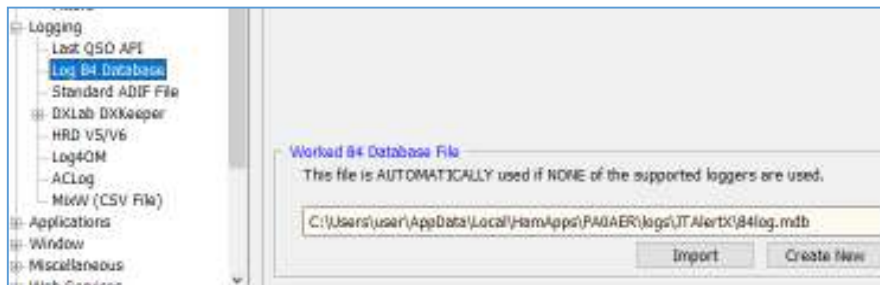
Hier kunt u eventueel uw log op uw eigen website plaatsen.

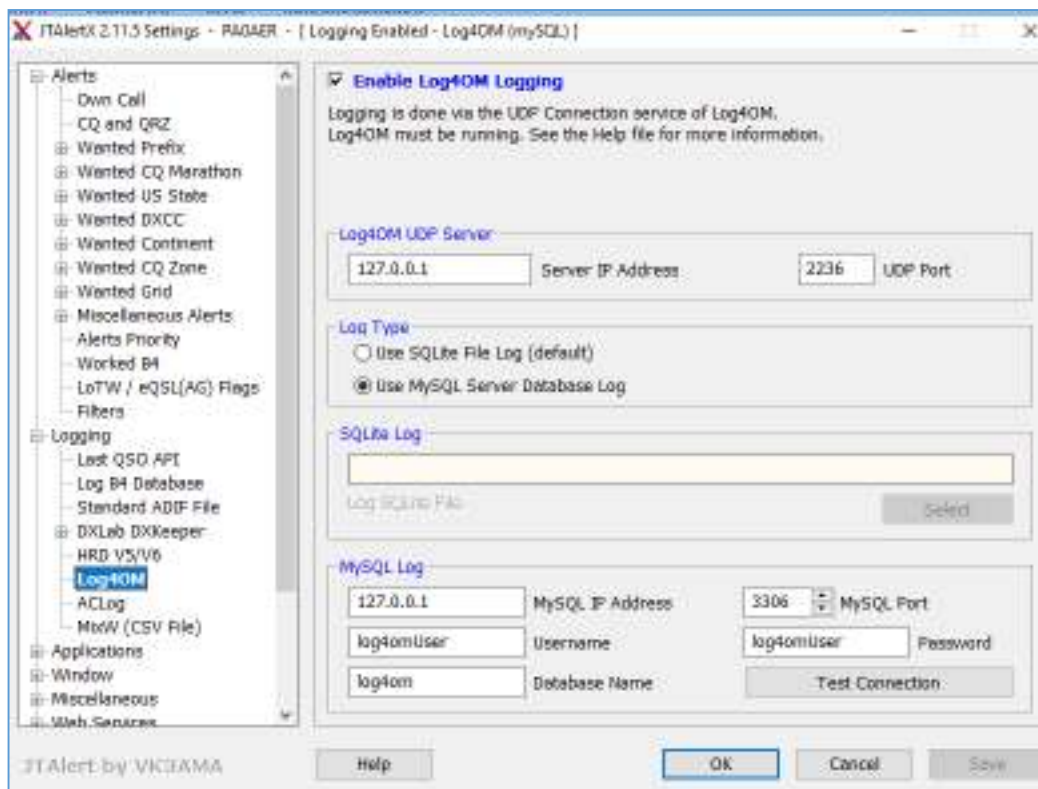
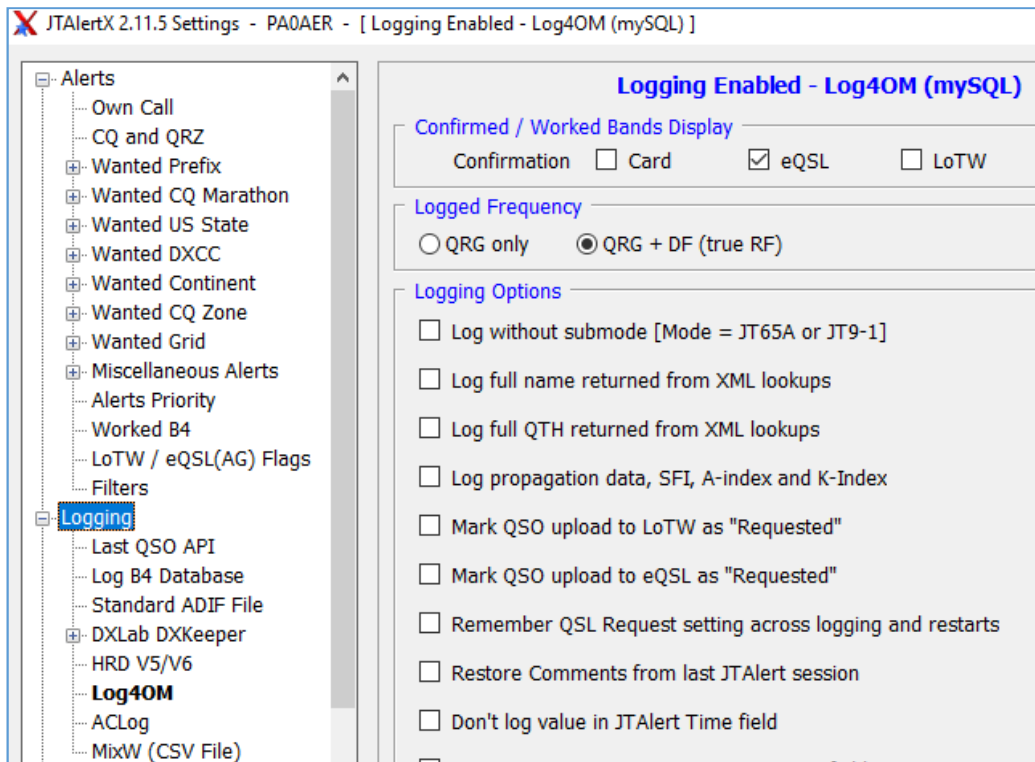
Wsjt-x



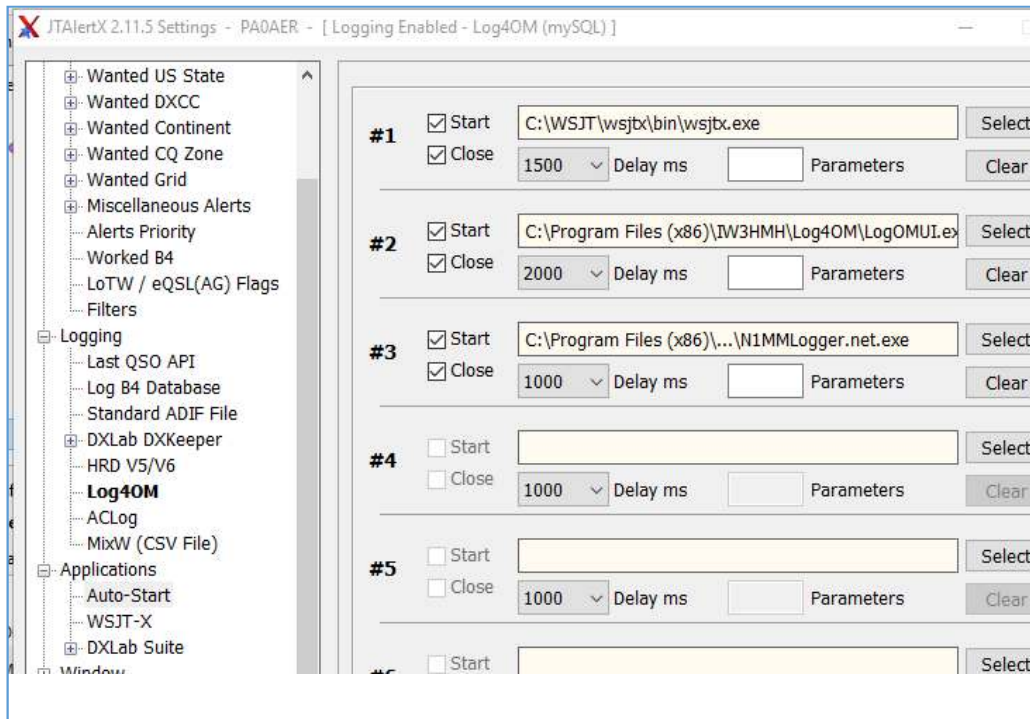


JTAlert





Instellen van de programma's die automatisch door JTAlert worden gestart



Autostart, deze programma's worden samen met JTAlert gestart en gesloten.

En zekerheid voor alles:



N1MM (niet om te loggen maar voor spots in SmartSDR)

Het is overigens ook mogelijk om gelijktijdig te loggen in N1MM en log4om.

The screenshot shows the 'Configurer' window with the 'Hardware' tab selected. It features a table for configuring radio hardware and a section for selecting the output device.

Port	Radio	Digi	CW/Other	Details
COM4	FLEX-6000 Seri	<input type="checkbox"/>	<input type="checkbox"/>	Set
None	FLEX-6000 Seri	<input type="checkbox"/>	<input type="checkbox"/>	Set
None	None	<input type="checkbox"/>	<input type="checkbox"/>	Set
None	None	<input type="checkbox"/>	<input type="checkbox"/>	Set

Output device selection: SO1V SO2V SO2R
38400,N,8,1,DTR=Always Off,RTS=Always Off,Tx:

The screenshot shows the 'Configurer' window with the 'Broadcast Data' tab selected. It contains instructions for data broadcasting and a table for configuring broadcast destinations.

Select the type of data you wish to broadcast, and the the IPAddress(es) and port(s) for the receiver(s) of the data. Use 127.0.0.1 for the local machine. Use 12060 as the port unless the receiving application requires a different port. 255 in the low order octet will broadcast to your current subnet.

Type of data	IPAddr:Port	IPAddr:Port...
<input type="checkbox"/> Application Info	127.0.0.1:12060	
<input checked="" type="checkbox"/> Radio	127.0.0.1:12060	
<input type="checkbox"/> Contacts <input type="checkbox"/> All Computers	127.0.0.1:12060	
<input checked="" type="checkbox"/> Spots	127.0.0.1:12061	
Rotor	127.0.0.1:12040	
<input type="checkbox"/> Score	127.0.0.1:12060	

WSJT and JTAAlert connection settings. IP Address and port must match each programs settings. Allows direct logging from each program into N1MM.

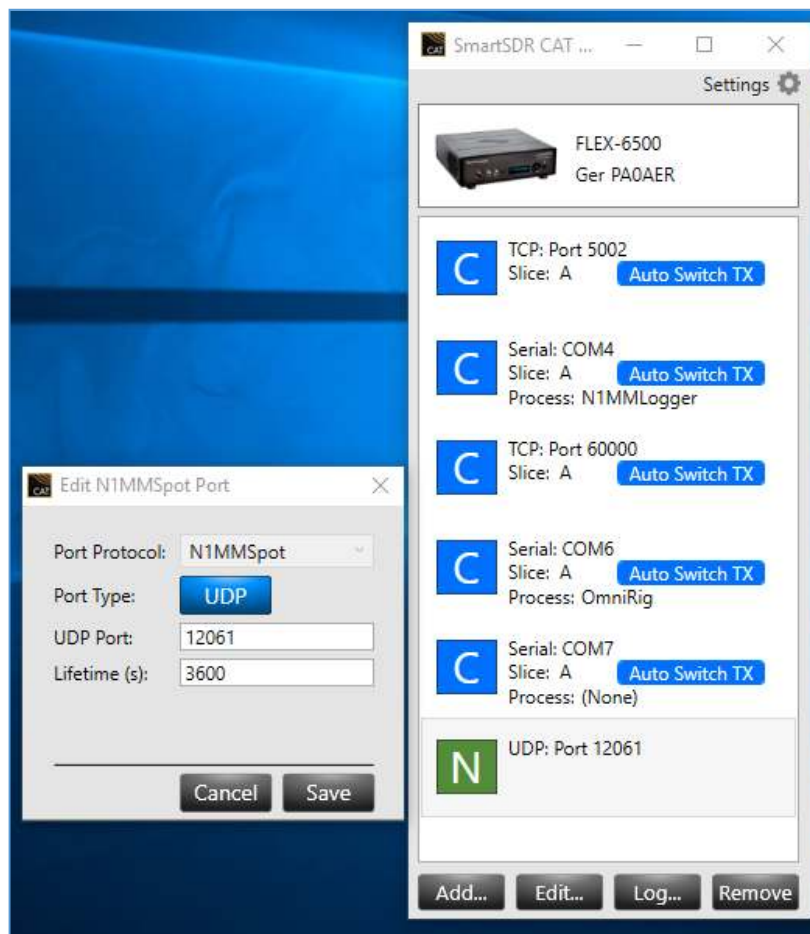
Enable	IP Address	UDP Port
<input type="checkbox"/> Enable	127.0.0.1	2333

Sets the IP Address and port that an external program can connect to N1MM+ via TCP Port for logging purposes. (JTDX)

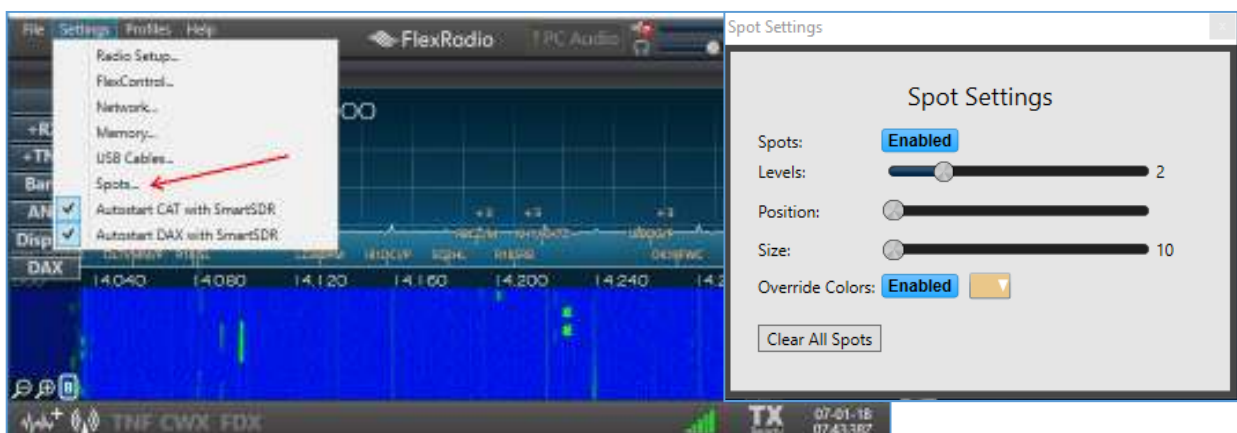
Enable	IP Address	TCP Port
<input type="checkbox"/> Enable	127.0.0.1	52001

Als u (ook) met N1MM wilt loggen moet u beide vakjes onderaan aanvinken. De poorten kunt u dan in WSJT-x aangeven.

SmartSDR CAT, nieuwe poort aanmaken tbv N1MM:



In SmartSDR > settings > spots



Het resultaat:

