

# N1MM Training

(Installation + erste Schritte)  
Teil 1



Deutscher Amateur-Radio-Club Eva  
Ortsverband Hamburg-Alstertal E13  
© Axel Wieneke / DB1WA



- 
- Installation N1MM
  - Grundeinrichtung N1MM
  - Transceiver Einrichtung in N1MM
  - Einrichtung Cluster / Telnet in N1MM
  - Einrichtung Spectrum Display aus N1MM
  - Einrichten Voice Keyer aus N1MM
  - Bedienung N1MM

# Installation N1MM

Download von N1MM Internetseite

<http://n1mm.hamdocs.com>

The screenshot shows the N1MM website interface. At the top, there is a navigation bar with a search box labeled 'Find' and a search icon. Below the search box is a horizontal menu with the following items: Home, Files, Documents, Hot Topics, Support, and Website. The 'Files' item is circled in red. Below the 'Files' item, a dropdown menu is visible, listing several options: N1MMplus Full Install, N1MMplus Latest Updates, N1MMplus Update History, Experimental Versions, Sample Function Key Files, User Defined Contests (UDC), Call History Files, and Additional Support Files. The 'N1MMplus Full Install' option is circled in red. The main content area of the website features the N1MM logo, the text 'Contest Logging Software', and 'Free Software for Phone, CW, and Digital Modes'. Below this, there is a 'Welcome' message and a section titled 'N1MMplus Website'.

# Installation N1MM



Contest Logging Software

Free Software for Phone, CW, and Digital Modes

Find

Home ▾

Files ▾

Documents ▾

Hot Topics ▾

Support ▾

Website ▾

## N1MM Logger Plus Full Install

### **i** New to N1MM?

Installing N1MM Logger+ for the first time is a two-step process. You must first download and run the Full Install (sometimes also referred to as the Base Install), followed by downloading and running the Latest Update. Each latest update includes significant upgrades, but unless you do the Full Install, subsequent updates will not have all the files they need to operate properly. **After performing the Full Install, DO NOT launch the program. Proceed directly to downloading and running the Latest Update (>Files >Latest Update) installer before using the program.**

To Download the Full Install program, [CLICK HERE TO DOWNLOAD FULL INSTALLER](#)

### **i** Just starting with N1MM+?

We **strongly encourage** you to join the N1MMLoggerplus Groups.IO email reflector. [Click here to join the N1MMLoggerPlus Reflector](#) 

# Installation N1MM



Contest Logging Software

Free Software for Phone, CW, and Digital Modes

Find

- Home
- Files
- Documents
- Hot Topics
- Support
- Website

## N1MMplus Full Install

*NOTE: If you are already running a version of N1MM Plus with the same first number as the file listed here, you DO NOT need to download a newer Full Install if only the second number has changed. EXAMPLE: You are running version 1.0.3456, and the latest version here under Full Install is version 1.0.4567. In that case, you do not need a new Full Install, but only need to download a new Latest Update.*

File Galleries > N1MMplus Full Install

Filename	Description	Size	Last modified	Files	Hits	
 N1MM Logger+ FullInstaller 1.0.7182.exe	Full Installer. Required for new installs. The program will prompt if there is a later version available.	8.46 MB	29 May 2018		310513	

N1MM Logger+ FullInstaller downloaden



# Installation N1MM

## N1MMplus Latest Updates

When installing updates it is only necessary to install the LATEST VERSION. Each version is cumulative in that it contains all changes from previous versions.

NOTE: These updates will not work with N1MM Logger Classic. For N1MMclassic updates, go to: [http://n1mm.hamdocs.com/tiki-list\\_file\\_gallery.php?galleryId=33](http://n1mm.hamdocs.com/tiki-list_file_gallery.php?galleryId=33)

Load the latest version before reporting problems. Only the latest version is supported.

[File Galleries](#) > [N1MMplus Latest Updates](#)

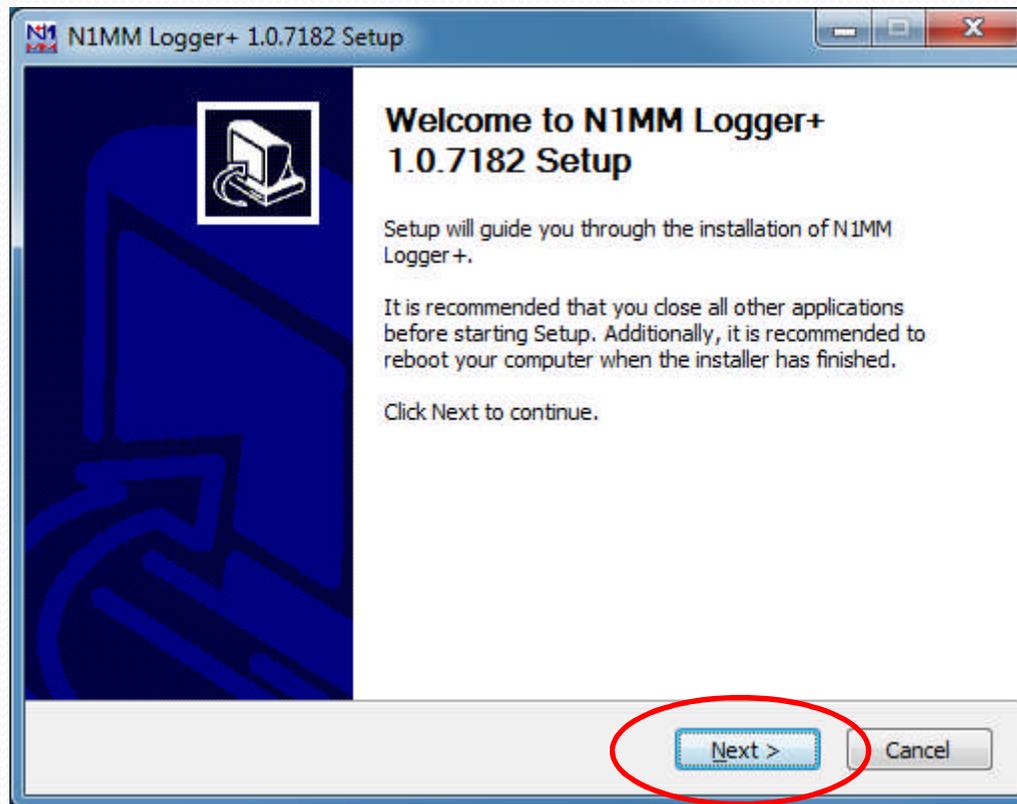
< 1 2 3 4 >

Filename	Description	Size	Last modified
 N1MM Logger+ Update 1.0.7218.exe	All Asia: Mark same country stations as not workable in bandmap (JE1CKA) (Coded by N1MM) Multipliers: fix DisposedObject rte when changing contests (N1EN) (Coded by N1MM) UDC: added ExchIs_xxx to /PointsPerContact/, see updated _UDC_Help.txt (G4OGB) (Coded by NA3M) Operator: Add operator callsign to the Radio 1 Entry window title if it does not match the station callsign or multi-computer mode is enabled. (W3IDT) (Coded by K3CT) Database Corruption: Do not allow the user to change contest logs if a contact was started. (Coded by K3CT) AR QSO Party: Points and Bonus station change. (K3DB) (Coded by K3CT) {Message} macro: send to all stations when first token after {Message} is "-" (now matches documentation) (W3OA) (Coded by N1MM) Make sure deleted spots are deleted from all windows (N4ZR) (Coded by N1MM)	3.94 MB	17 Jul 2018

N1MMplus Lastest Update bitte auch downloaden

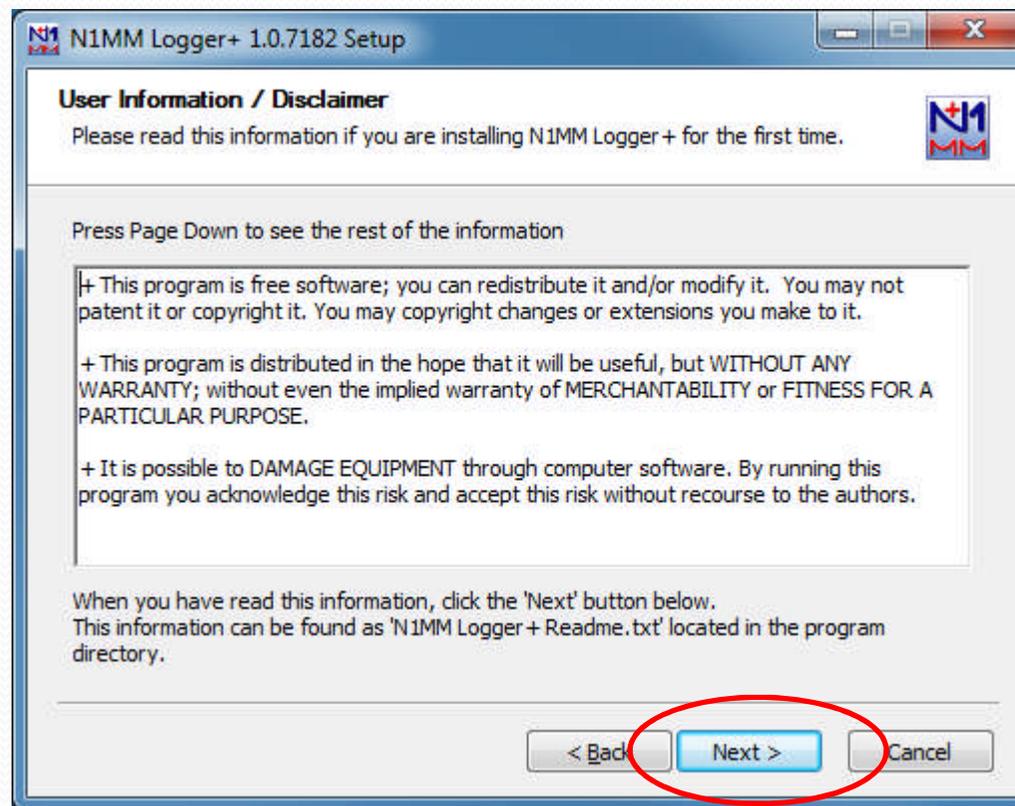
# Installation N1MM

Bitte den N1MM Logger+ FullInstaller starten



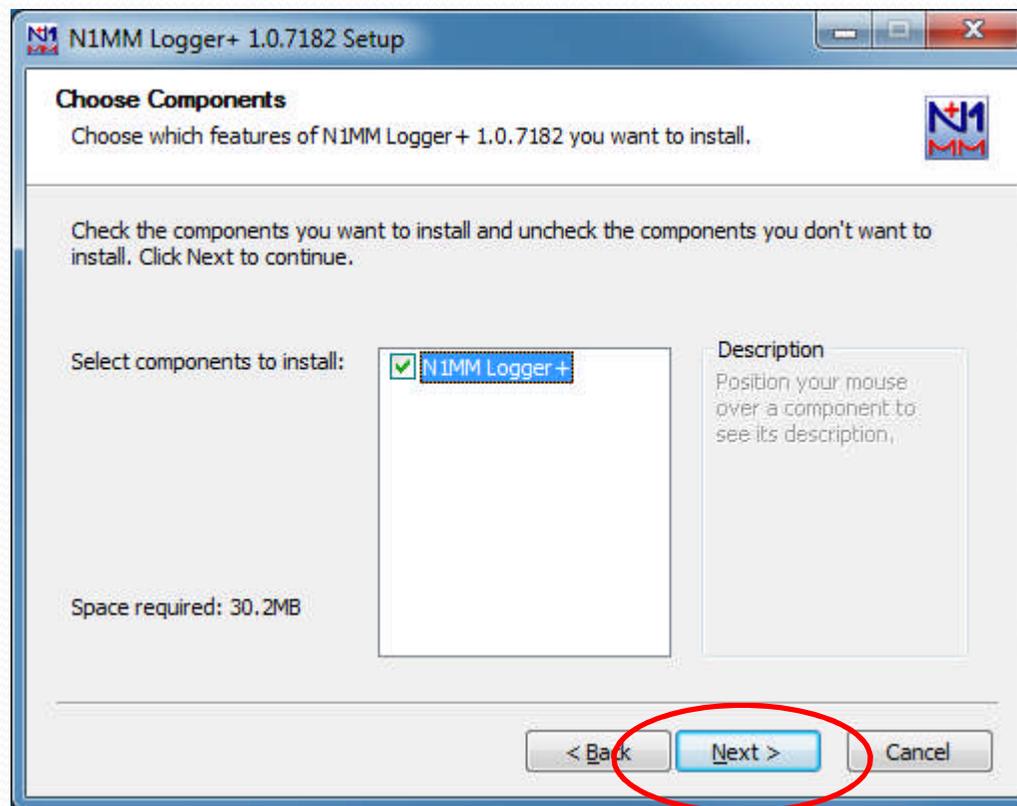
# Installation N1MM

## User Information / Disclaimer bestätigen



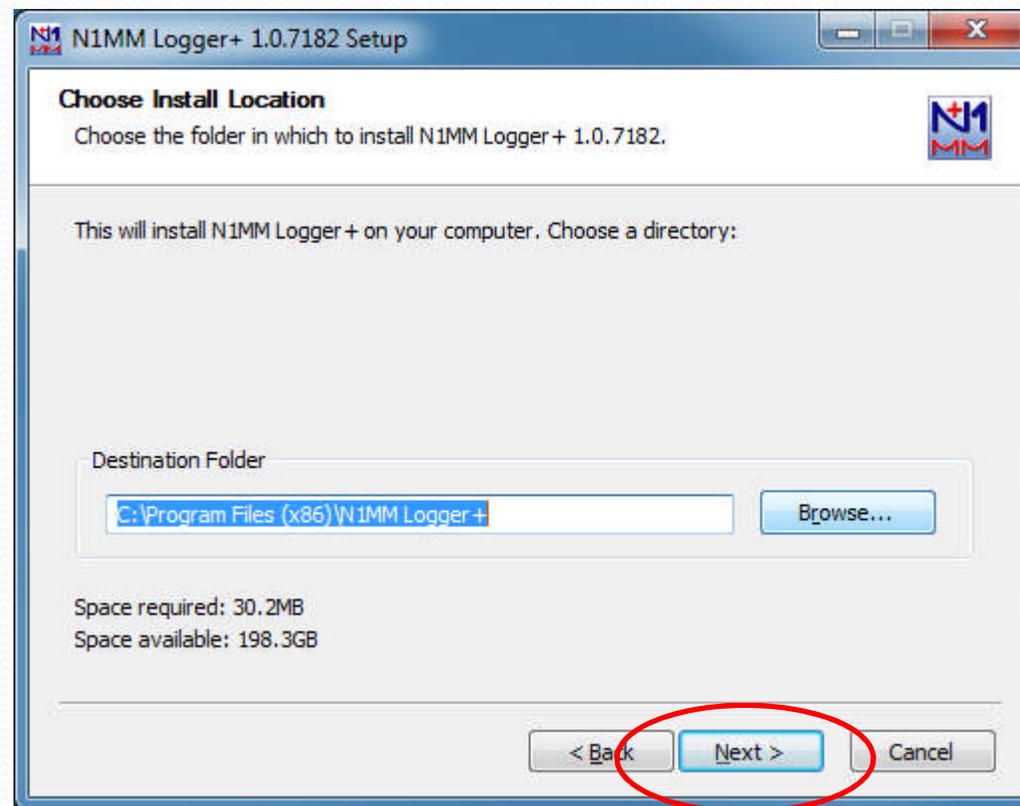
# Installation N1MM

## Choose Components bestätigen



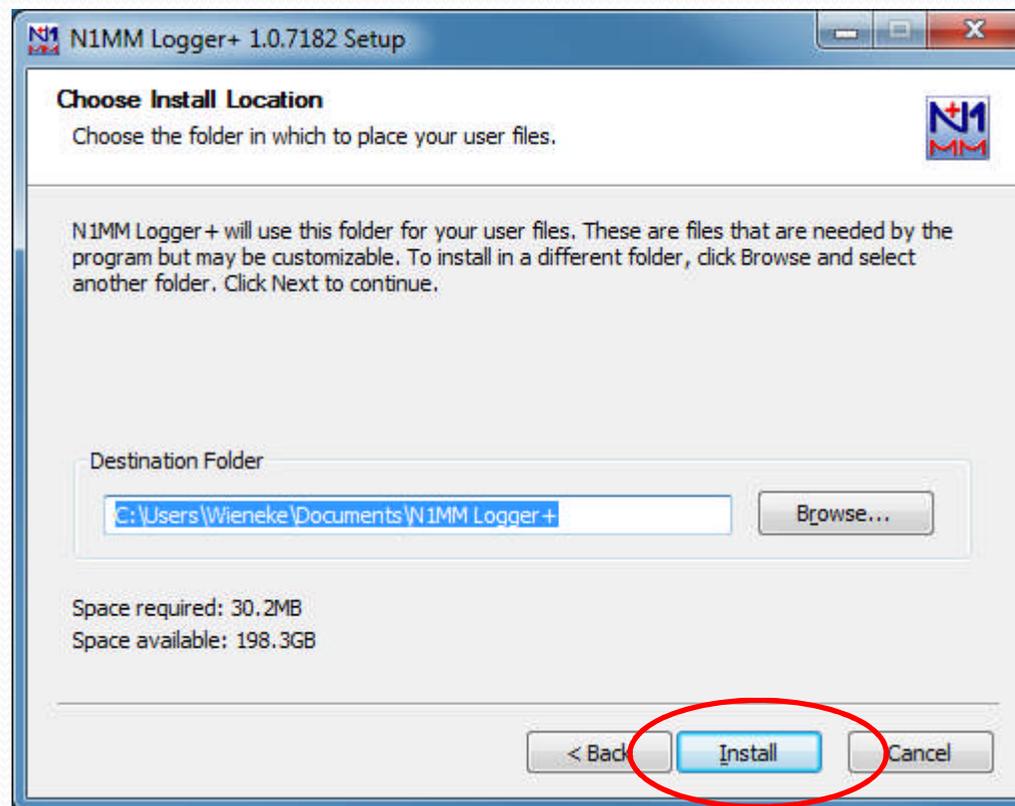
# Installation N1MM

Choose Install Location (Programmordner) bestätigen



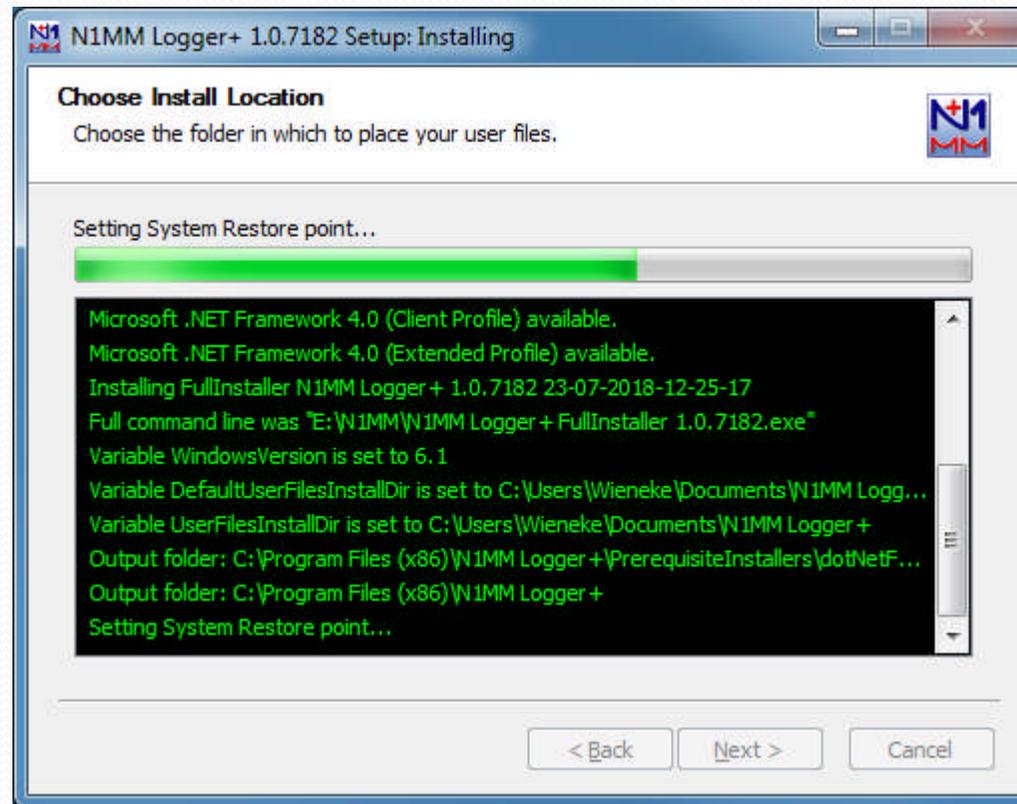
# Installation N1MM

Choose Install Location (Userordner) bestätigen



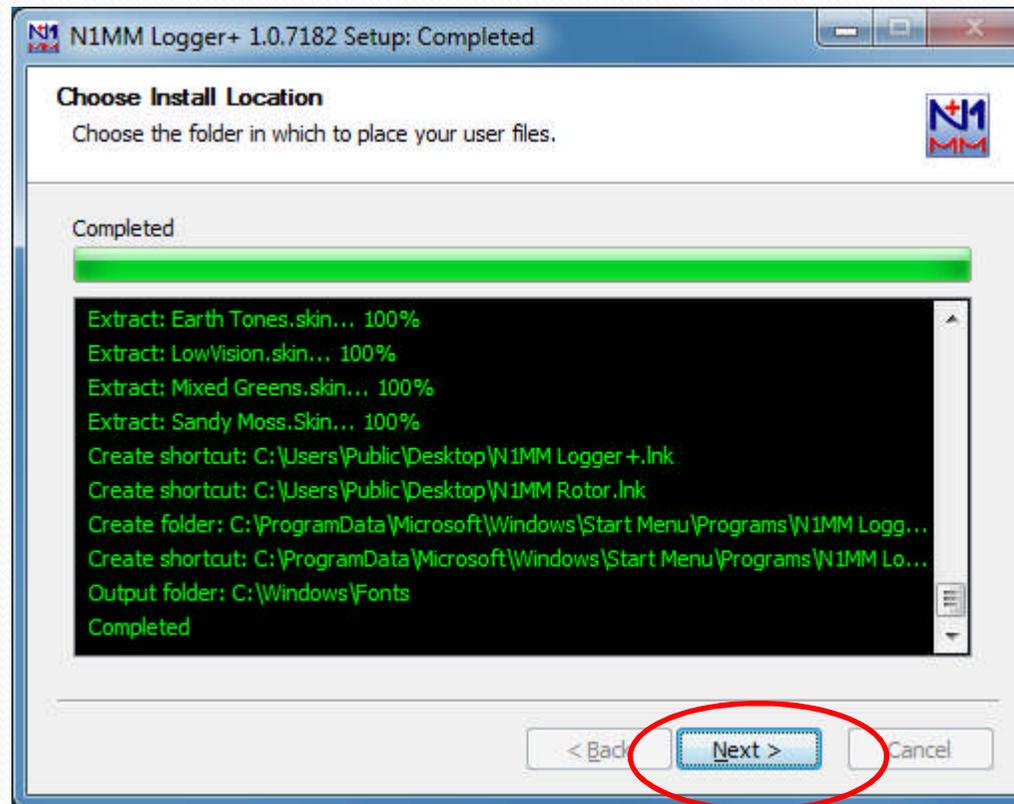
# Installation N1MM

Installation startet



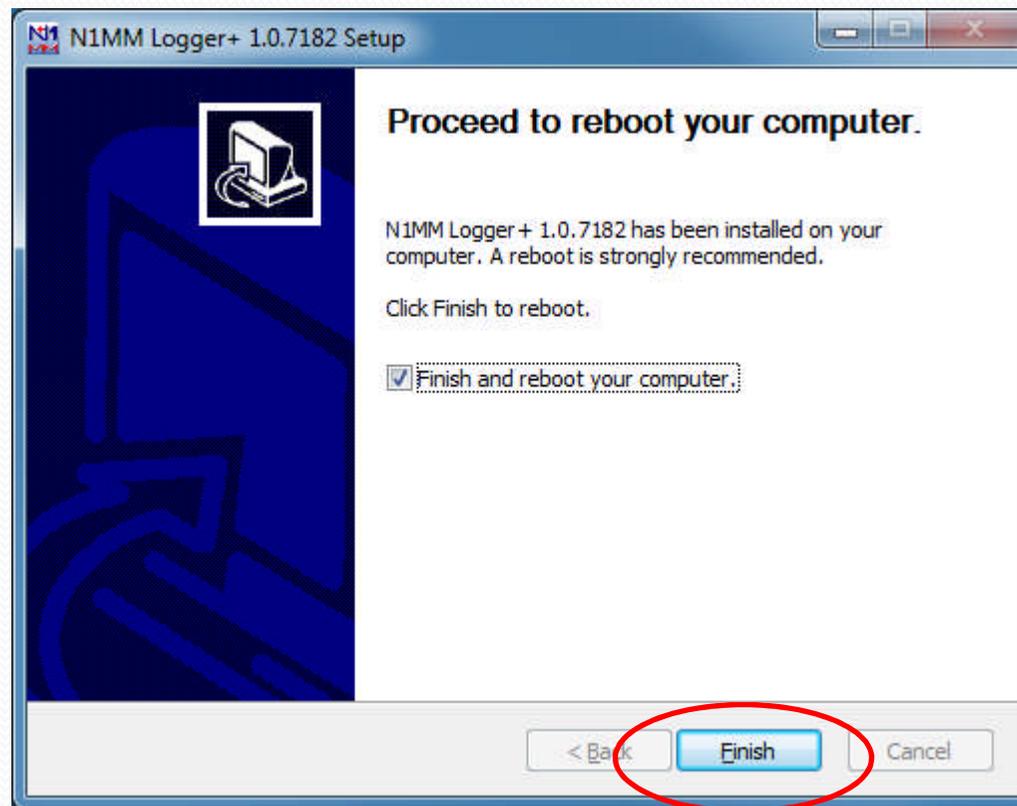
# Installation N1MM

Die Installation ist fertig. Bitte mit „Next“ weiter.



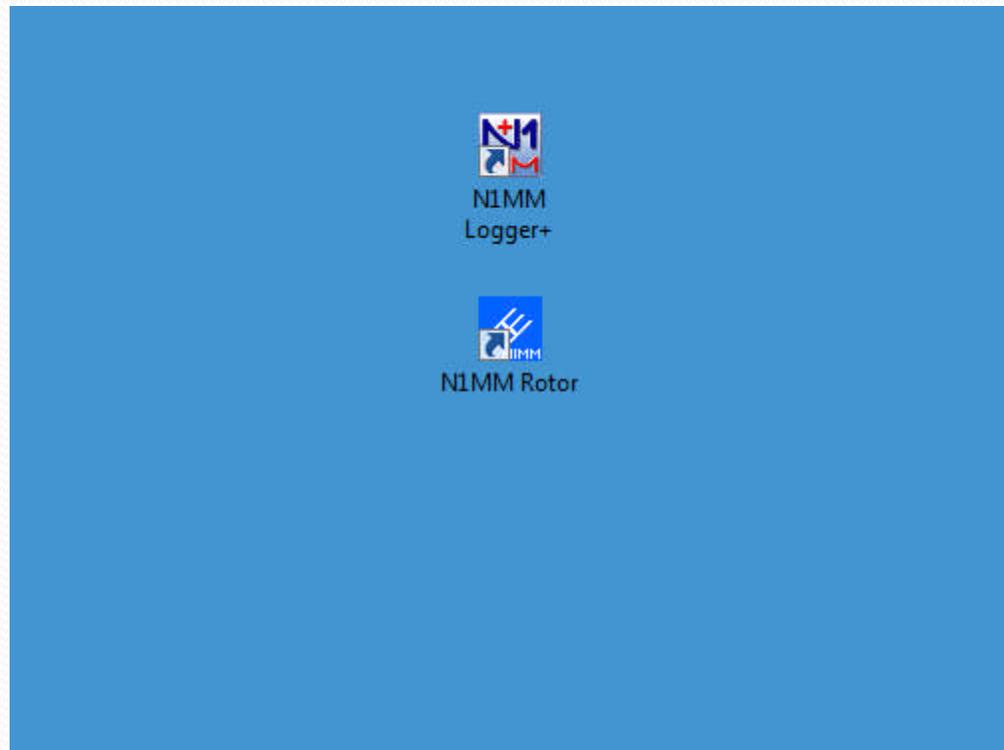
## Installation N1MM

Die Installation ist fertig. Bevor der Rechner neu gestartet wird bitte das „N1MMplus Lastest Update“ installieren,

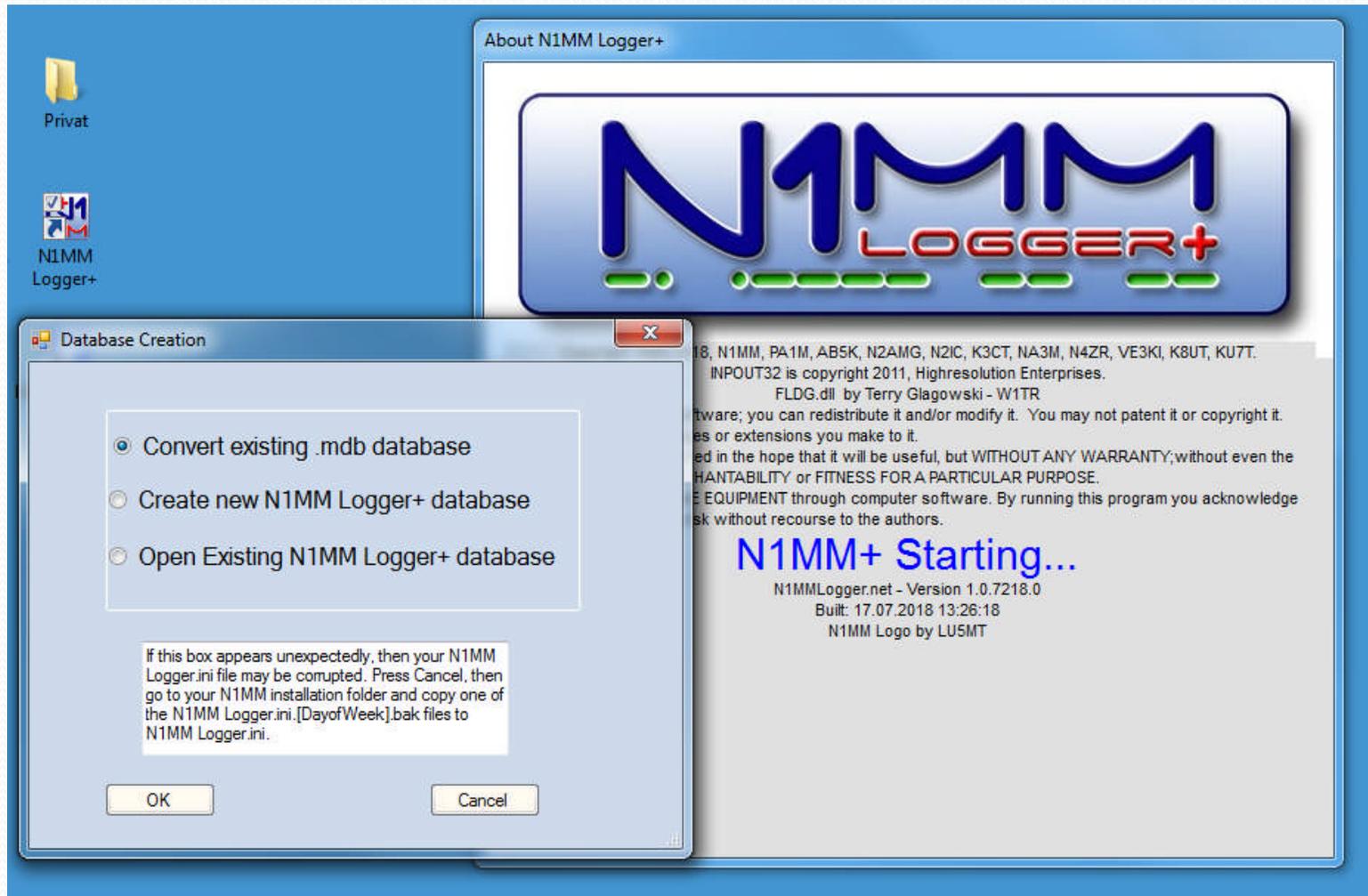


## Installation N1MM

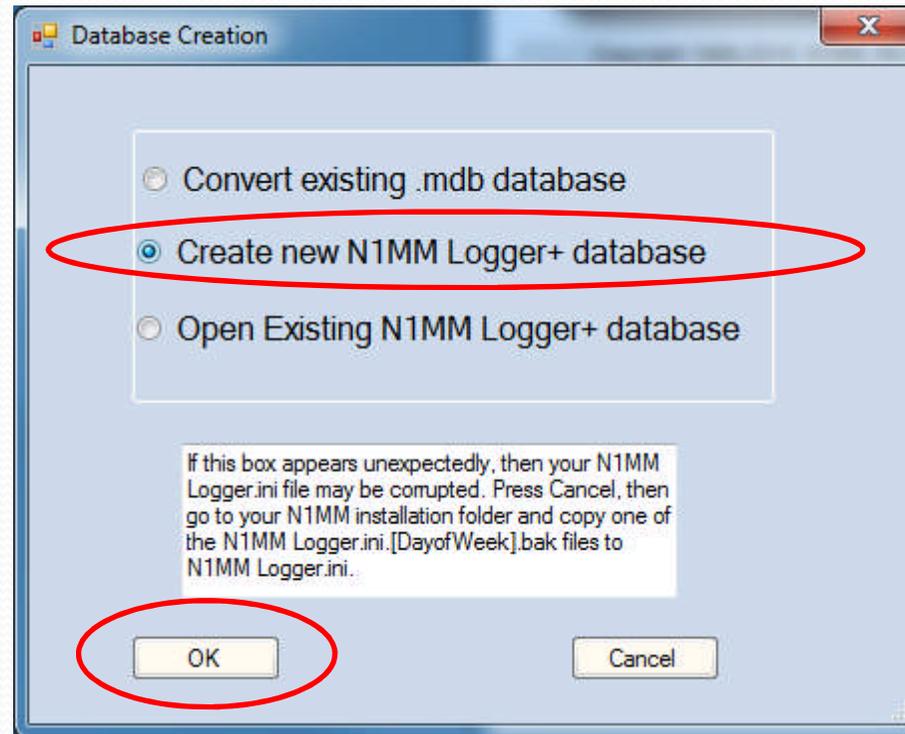
Nach der Installation sind zwei neue Short Cuts auf den Desktop vorhanden.



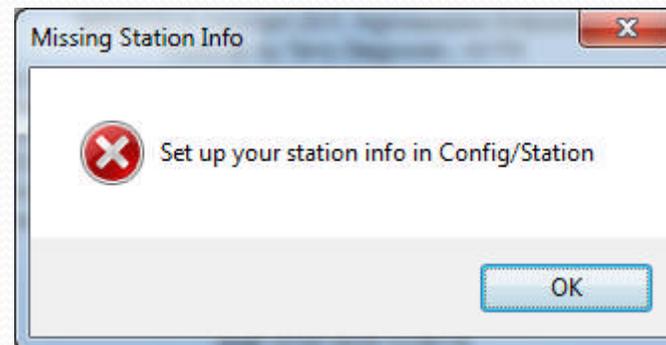
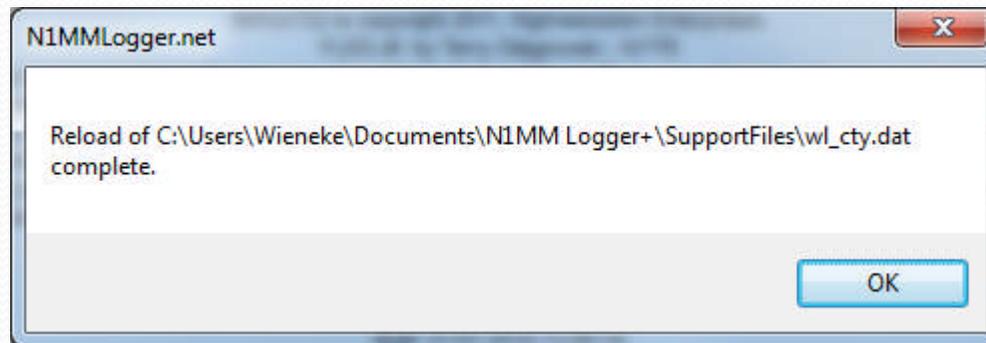
# Grundeinrichtung N1MM



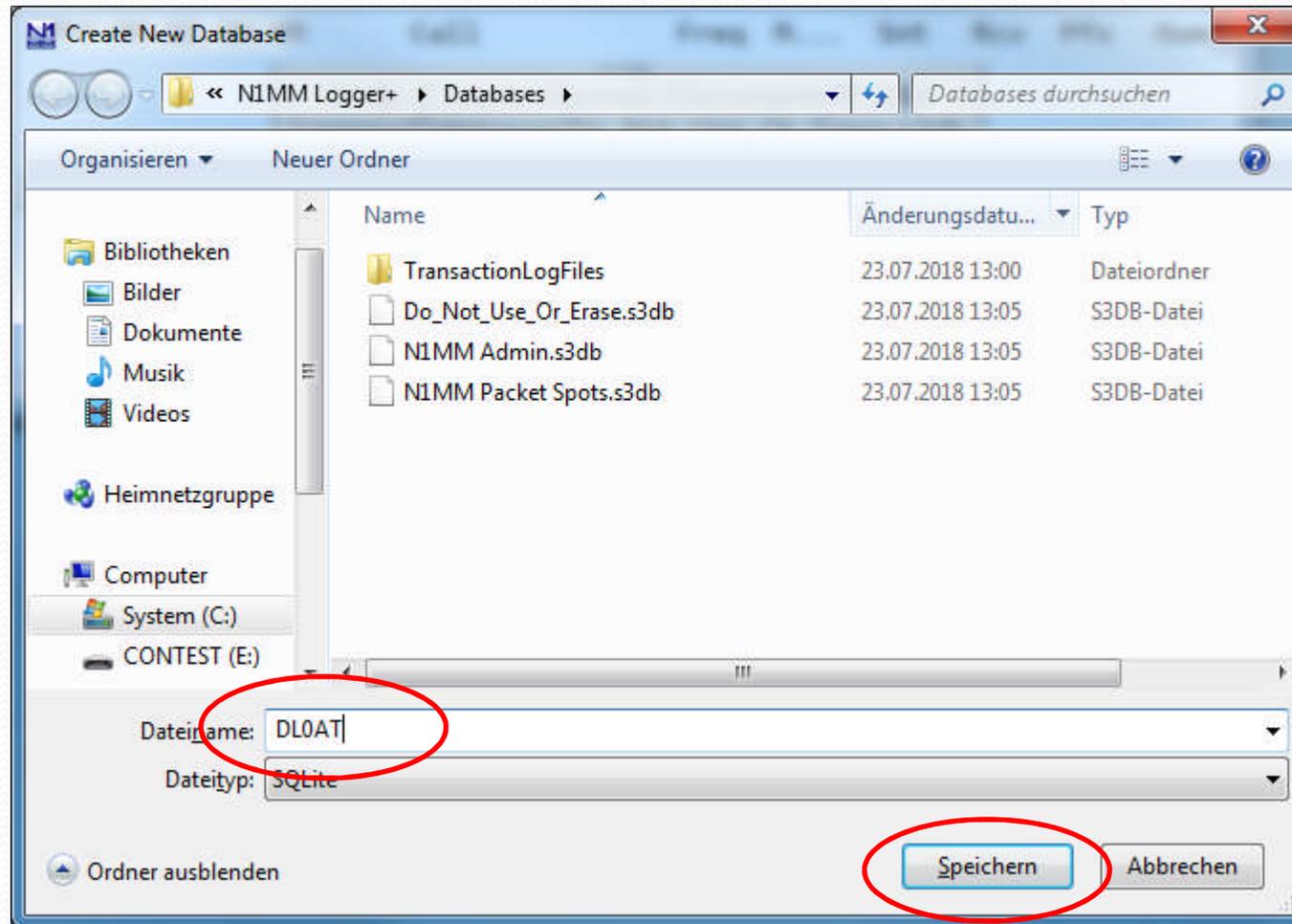
# Grundeinrichtung N1MM



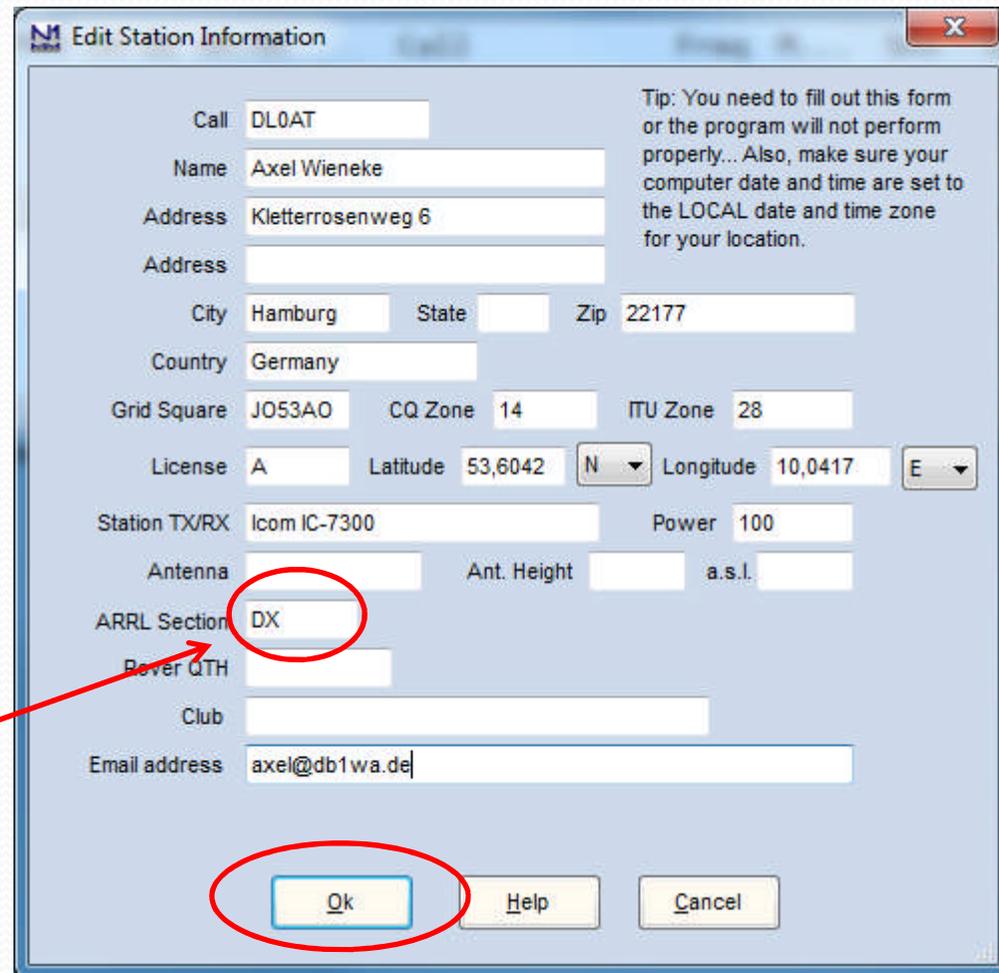
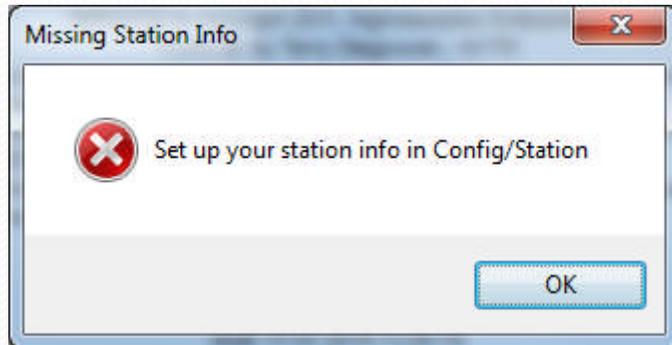
# Grundeinrichtung N1MM



# Grundeinrichtung N1MM



# Grundeinrichtung N1MM



Edit Station Information

Tip: You need to fill out this form or the program will not perform properly... Also, make sure your computer date and time are set to the LOCAL date and time zone for your location.

Call DL0AT

Name Axel Wieneke

Address Kletterrosenweg 6

Address

City Hamburg State Zip 22177

Country Germany

Grid Square JO53AO CQ Zone 14 ITU Zone 28

License A Latitude 53,6042 N Longitude 10,0417 E

Station TX/RX Icom IC-7300 Power 100

Antenna Ant. Height a.s.l.

ARRL Section DX

Power QTH

Club

Email address axel@db1wa.de

Ok Help Cancel

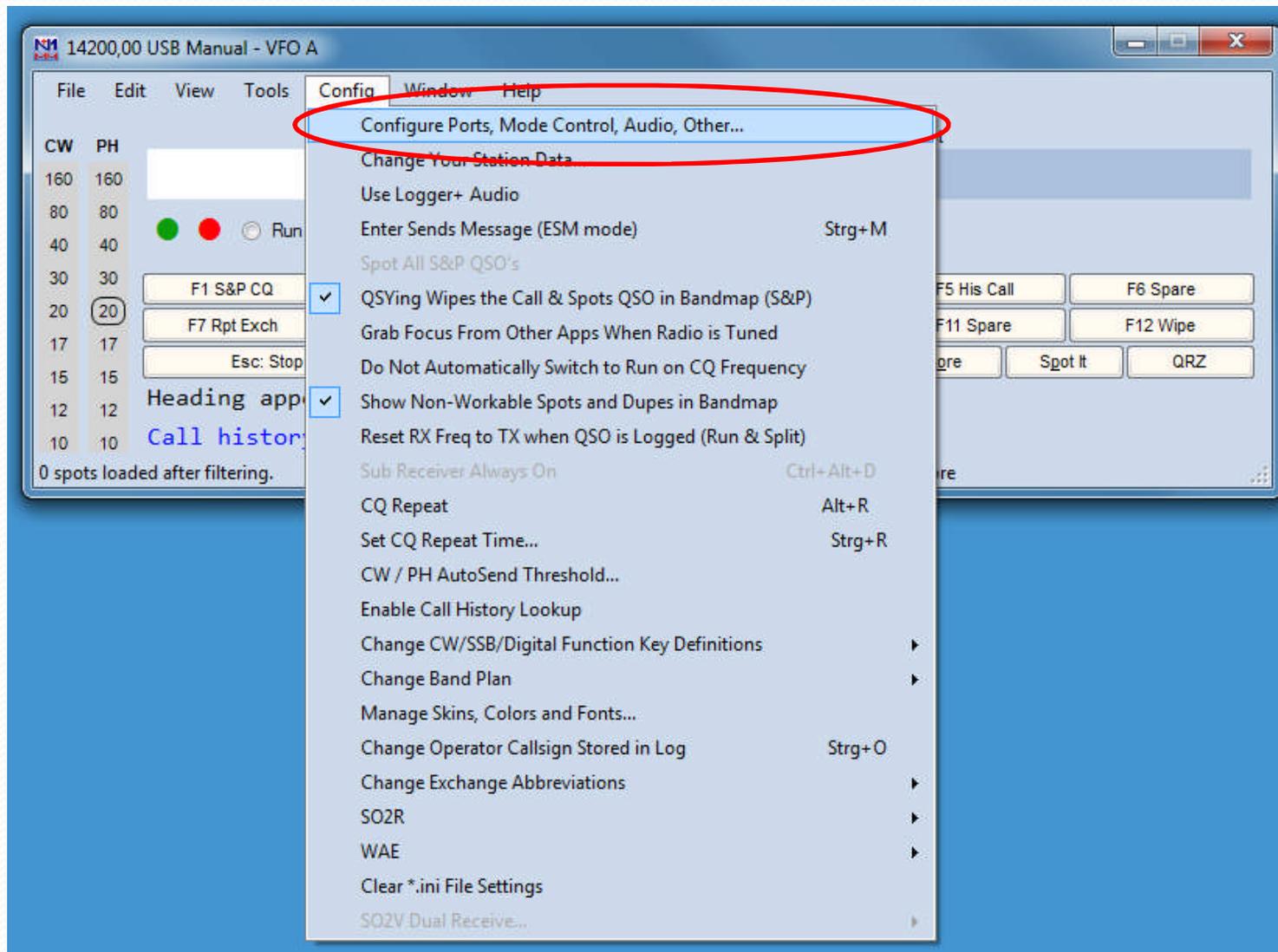
In ARRL Section  
Bitte „DX“ eintragen.

# Grundeinrichtung N1MM

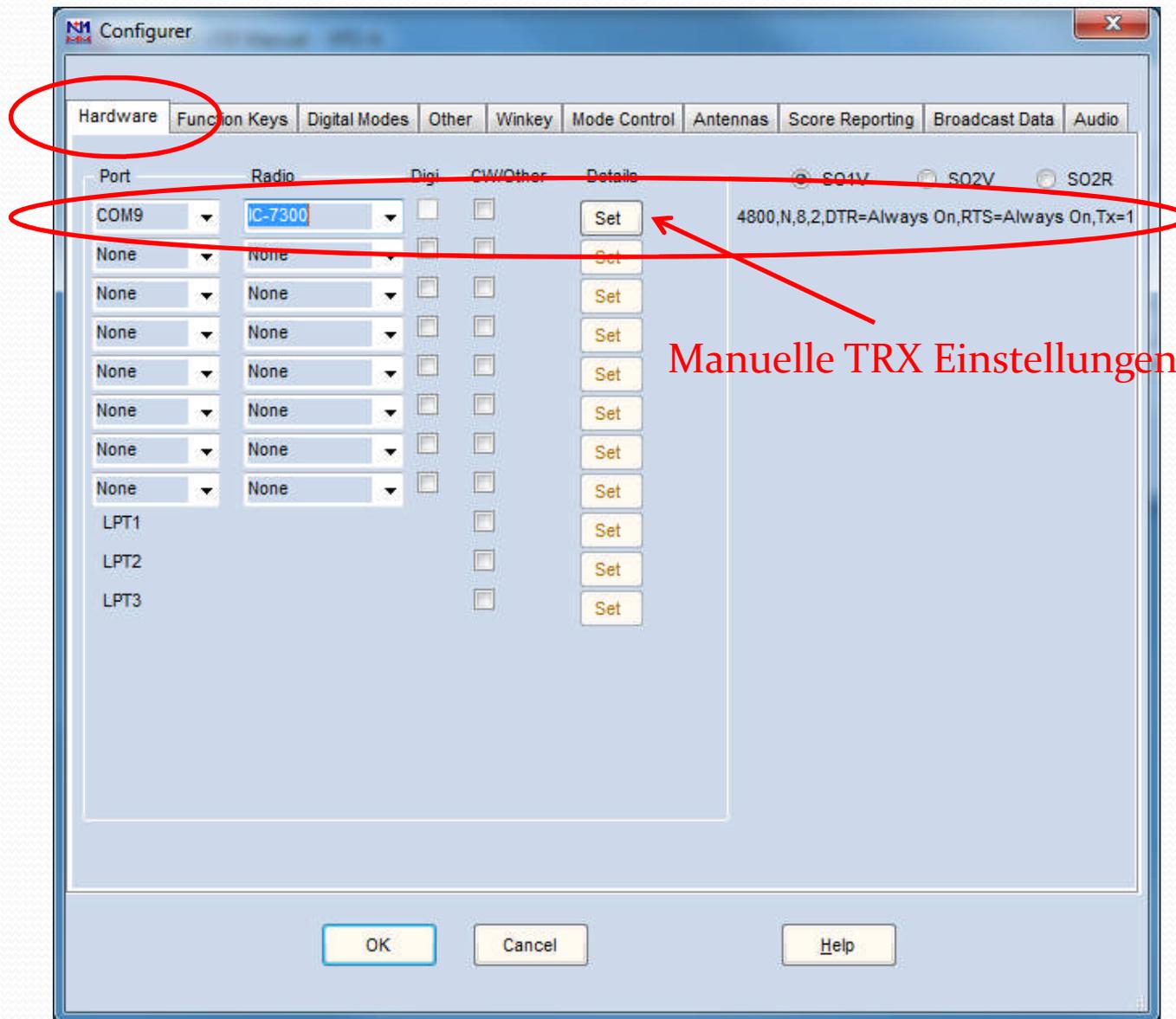
The image displays two screenshots of the N1MM software interface. The top screenshot shows the main window titled "14200,00 USB Manual - VFO A". The "Config" menu item in the menu bar is circled in red. Below the menu bar, there is a table with columns "CW", "PH", "Snt", "Rcv", "Name", and "Comment". The "Snt" and "Rcv" columns have a value of 160. Below the table, there are radio buttons for "Run" and "S&P", with "S&P" selected. A grid of function keys (F1-F12) and other controls (Esc: Stop, Wip, Log, Edit, Mar, Sto, Sp, QRZ) is visible. The bottom status bar shows "0 spots loaded after filtering." and "No Score".

The bottom screenshot shows a logging window titled "23.07.2018 11:14:14Z General Logging - DL0AT.s3db". It features a table with columns "YYYY-MM-DD HH:MM", "Call", "Freq M...", "Snt", "Rcv", "Pfx", and "Name". A yellow message box is overlaid on the table, containing the text: "Log: DX in db: C:\Users\Wieneke\Documents\N1MM Logger+\Databases\DL0AT.s3db has no QSOs yet." The table below the message is empty.

# Grundeinrichtung N1MM



# Transceiver Einrichtung N1MM

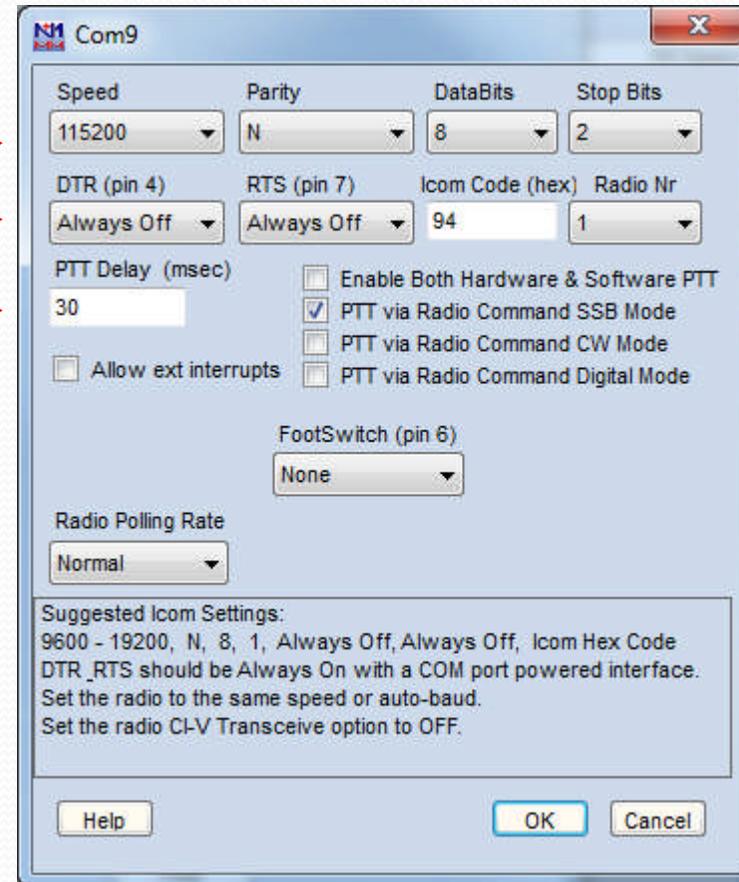


# Transceiver Einrichtung N1MM

Speed: „115200“

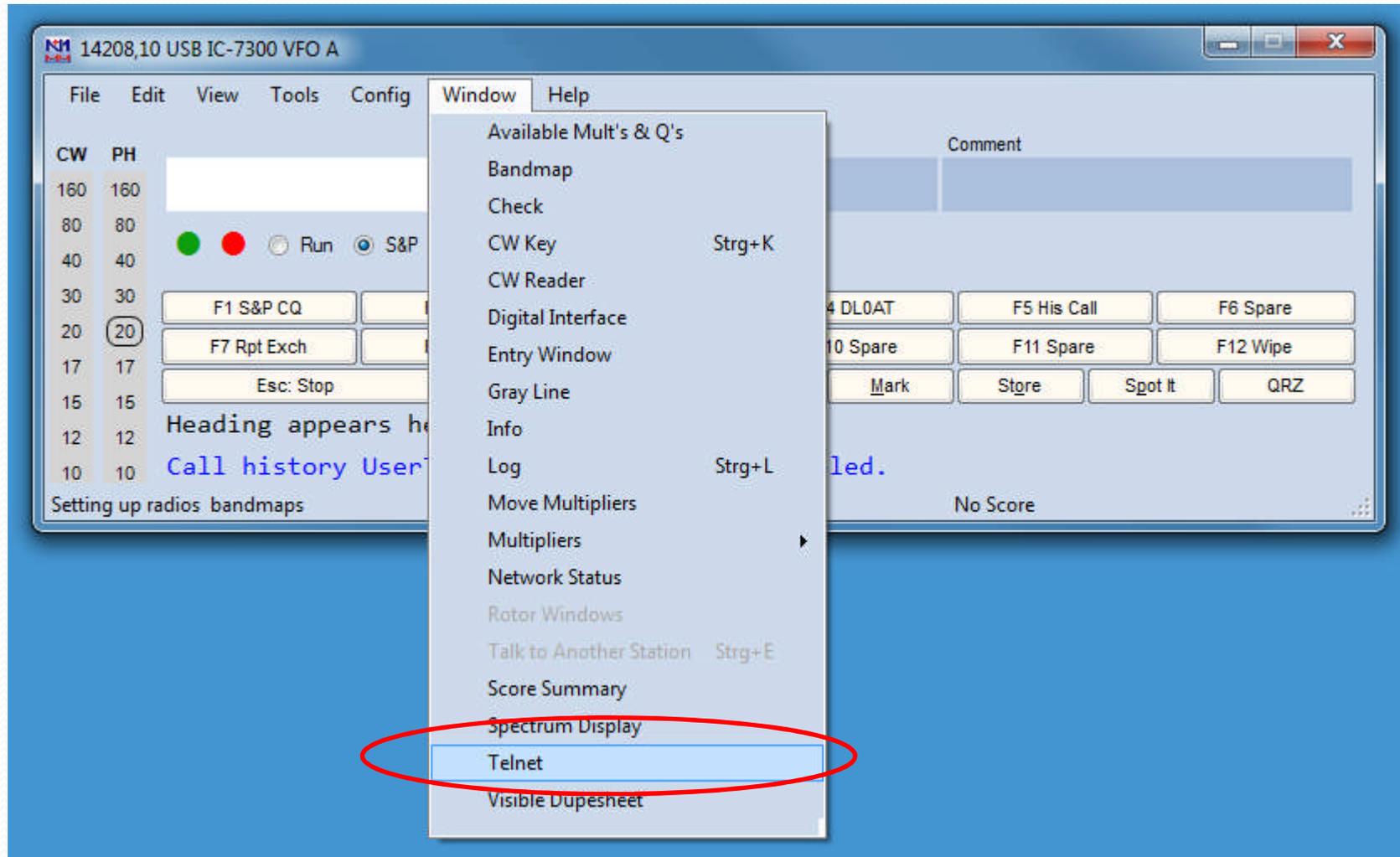
DTR & RTS „Always Off“

Hacken setzen

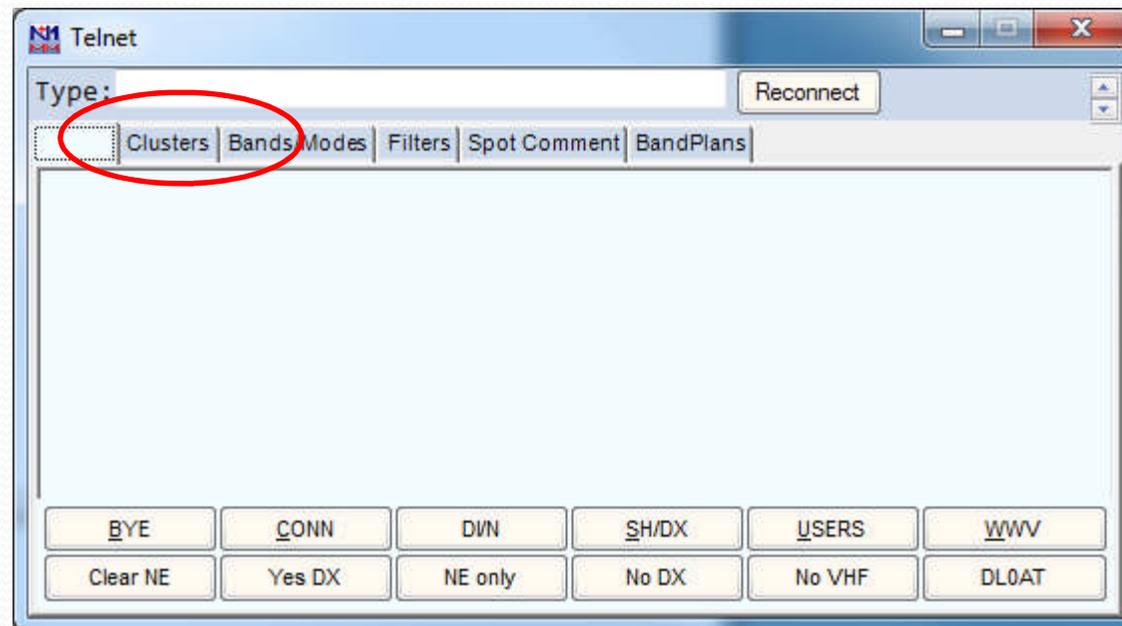


Einstellungen können je TRX verschieden sein!!!

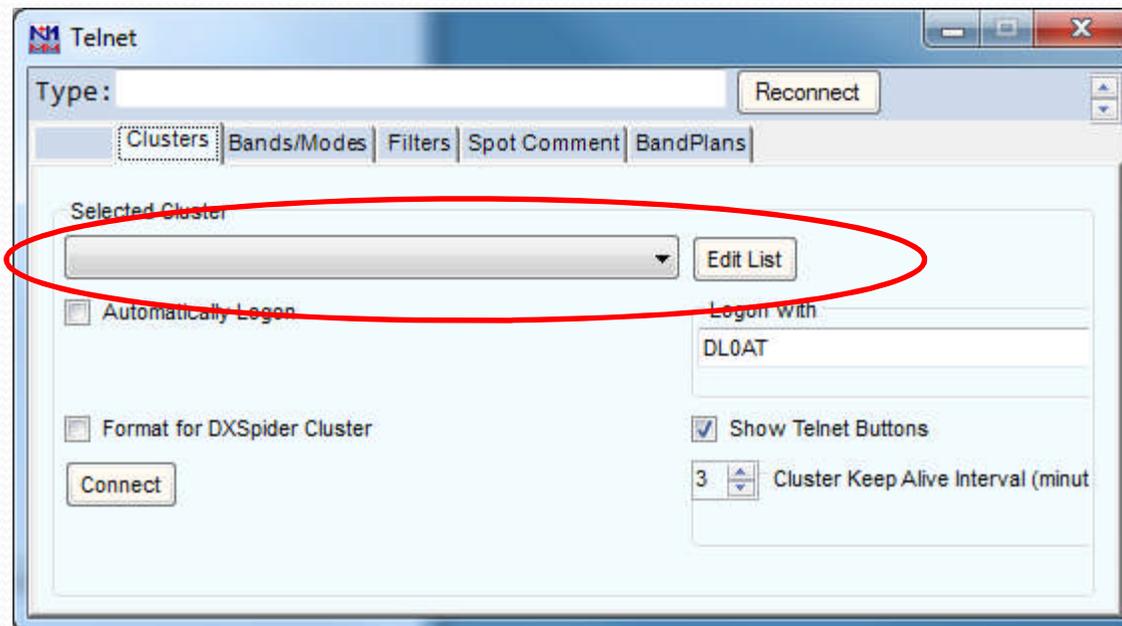
# Einrichtung Cluster/Telnet in N1MM



# Einrichtung Cluster/Telnet in N1MM



# Einrichtung Cluster/Telnet in N1MM



Bitte den gewünschten Clusterknoten wählen.

# Einrichtung Cluster/Telnet in N1MM

The image shows two windows from the N1MM software. The main window is titled 'Telnet' and has a 'Type:' field and a 'Reconnect' button. Below this are tabs for 'Clusters', 'Bands/Modes', 'Filters', 'Spot Comment', and 'BandPlans'. The 'Clusters' tab is active, showing a 'Selected Cluster' dropdown menu with a downward arrow, an 'Edit List' button, and a 'Connect' button. There are also checkboxes for 'Automatically Logon', 'Format for DXSpider Cluster', and 'Show Telnet Buttons'. The 'Logon with' field contains 'DL0AT'. The 'Edit Telnet List' dialog box is open in the foreground, showing a table with two columns: 'Cluster Name' and 'URL'. The table contains several rows, with the row for 'DB0SUE-7' circled in red. The dialog box also has 'Ok' and 'Cancel' buttons and a note at the bottom: 'To delete a row, click on the leftmost column and press the delete key. (The \* row is not a real row.)'

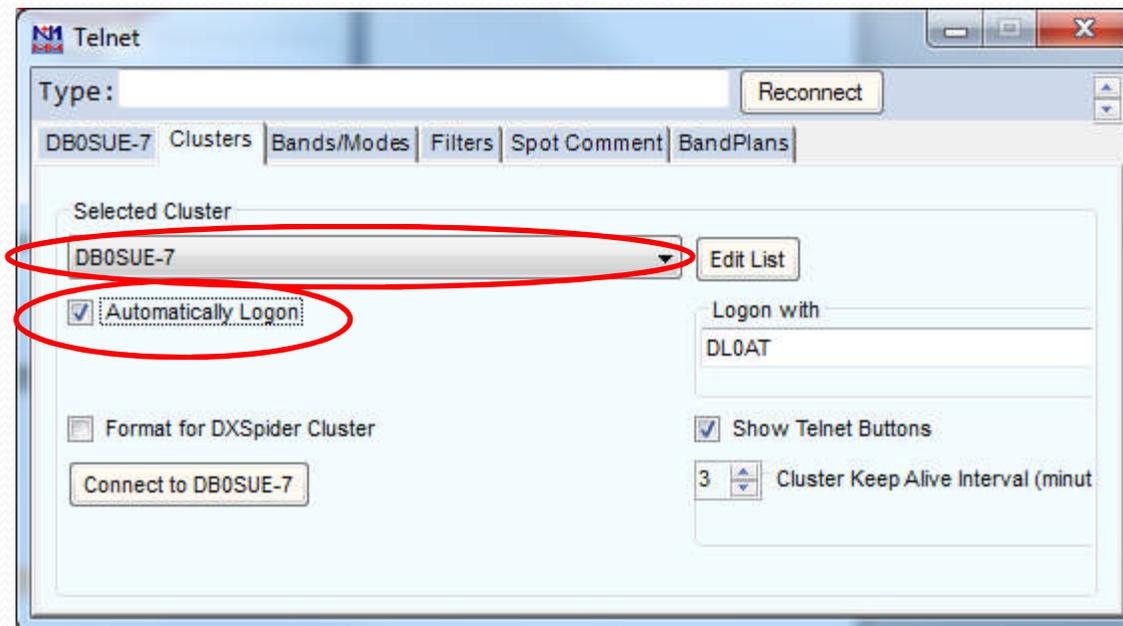
Cluster Name	URL
AB5K-2	DXC-US.AB5K.NET
CS1SEL-5	193.137.221.244
CT2GWY-5	217.129.65.194:8181
CT3MY-7	CT3MY.ZARCO.ORG:7300
CT4KQ-5	194.65.81.45
DB0HST-6	194.94.76.140:7300
DB0SUE-7	db0sue.de:8000
DB0ZWI-8	141.32.30.117:4111

DBoSUE bitte ändern.

Hilfsmittel:

<https://www.ng3k.com/Misc/cluster.html>

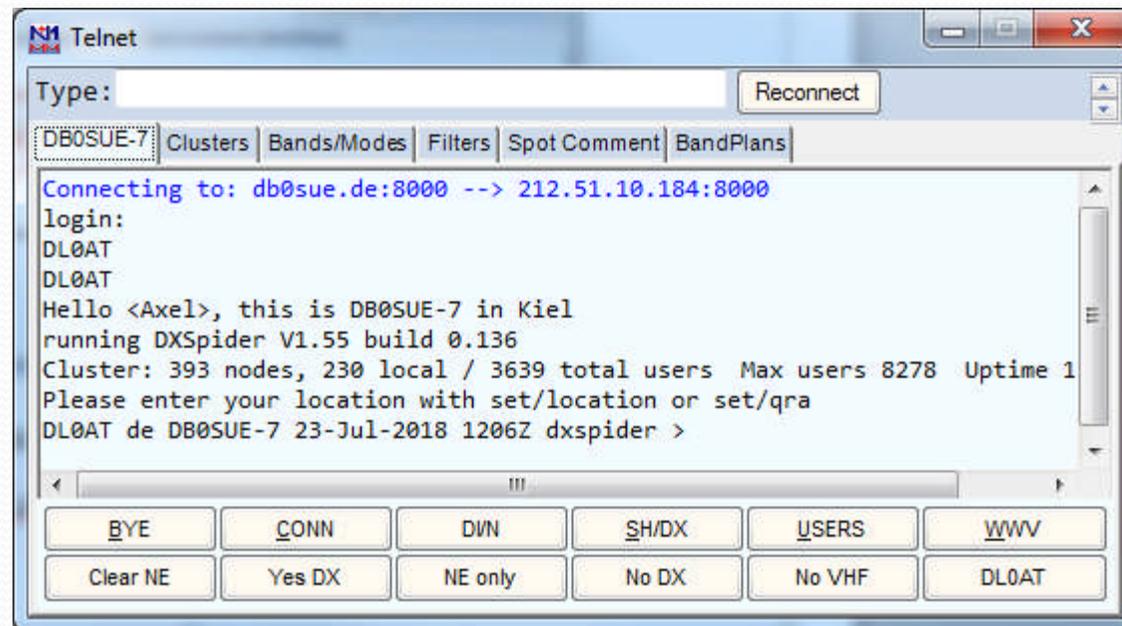
# Einrichtung Cluster/Telnet in N1MM



Bitte „DBoSUE-7“ aus der Liste auswählen.

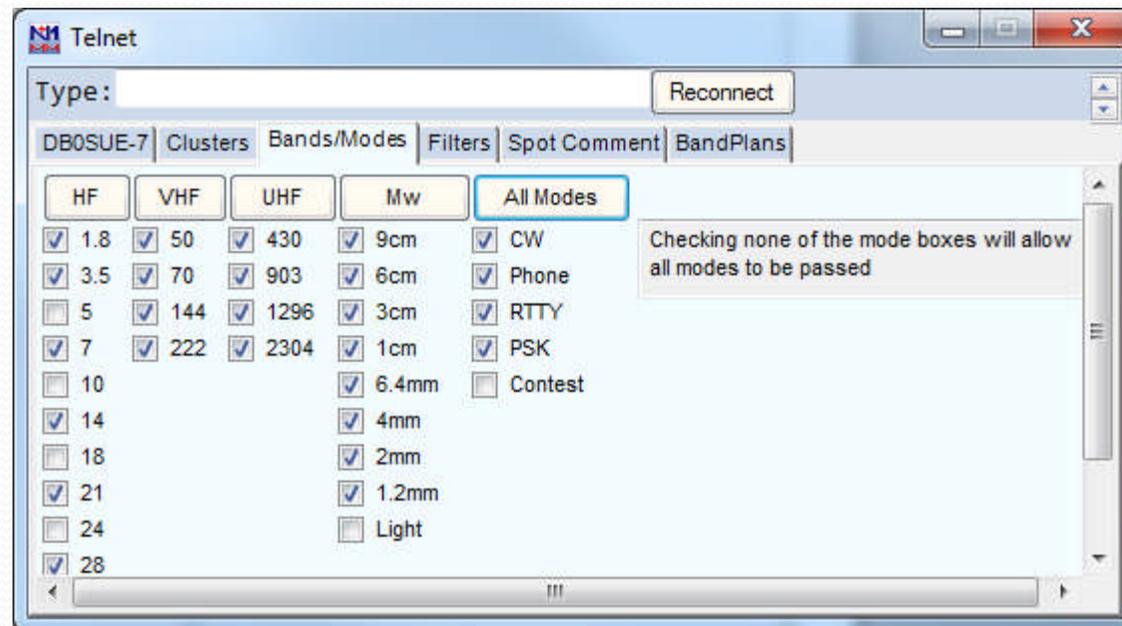
Bitte „Automatically Logon“ anklicken.

# Einrichtung Cluster/Telnet in N1MM



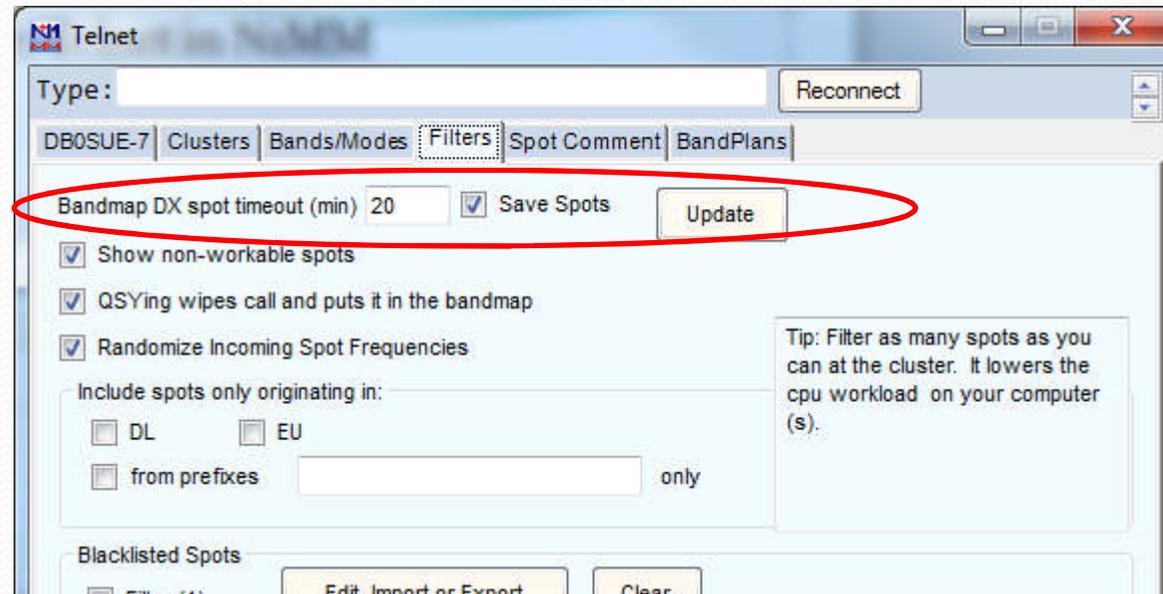
Fertig...der Cluster verbindet sich.

# Einrichtung Cluster/Telnet in N1MM



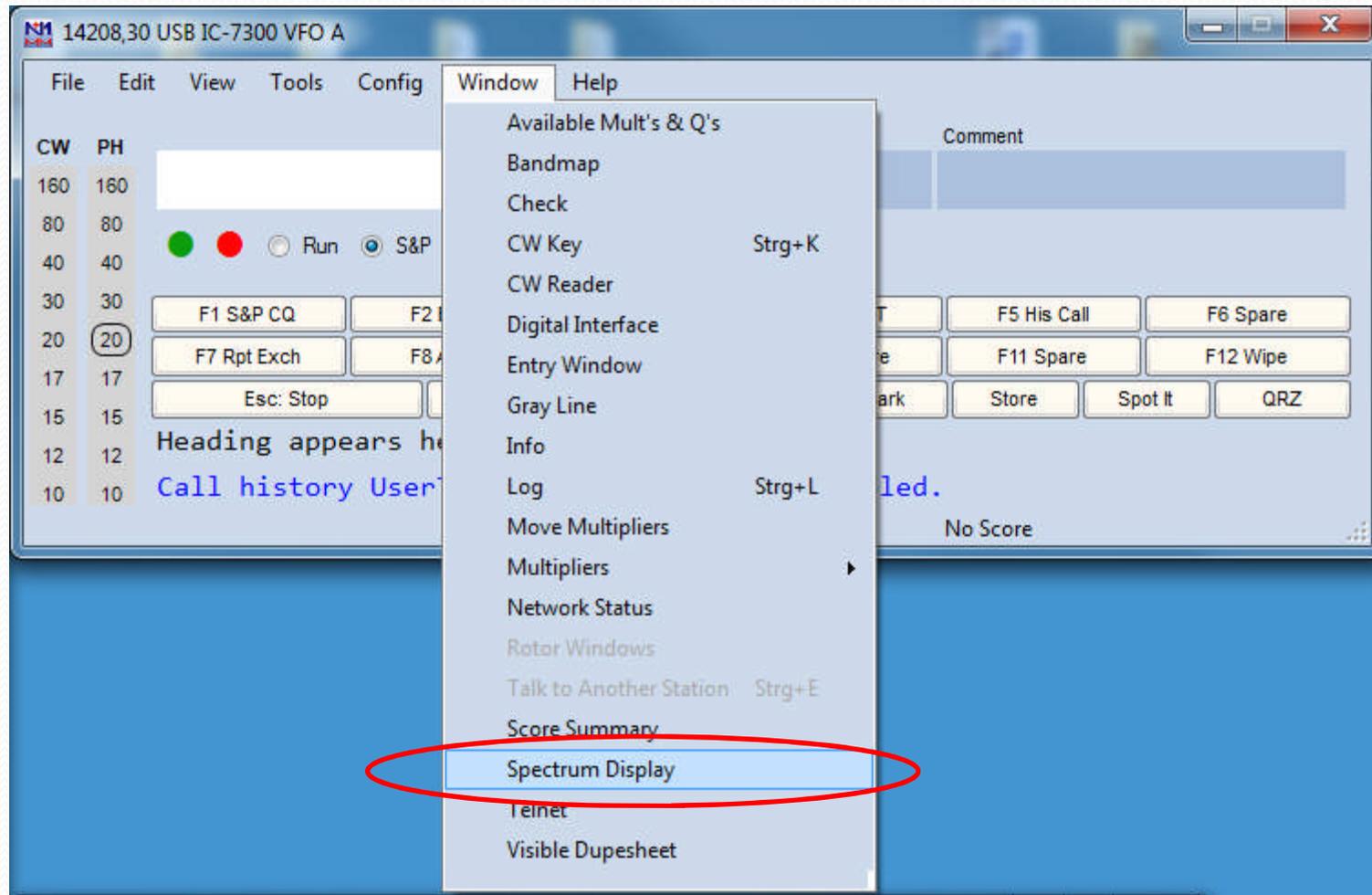
Die gewünschten Bänder können über „Bands/Modes“  
Eingestellt werden.

# Einrichtung Cluster/Telnet in N1MM



Unter „Filters“ findet man die Einstellung „Bandmap DX spot timeout (min)“ es empfiehlt sich diese Zeit auf ca. 20 min zu stellen.

# Einrichtung Spectrum Display aus N1MM



Unter „Window“ den Punkt „Spectrum Display“ wählen.

# Einrichtung Spectrum Display aus N1MM

The screenshot displays the N1MM software interface. The top window, titled "IC-7300 Radio 1 Spectrum Monitor", shows a frequency spectrum plot with a grid. The x-axis represents frequency in kHz, ranging from 28411 to 28511. Two prominent signals are visible: a large one at 28461 kHz labeled "MW0YVK" and a smaller one at 28481 kHz labeled "DL/OK8GG". The plot includes a "Contrast" slider on the left and a "Static" slider on the right. Below the plot is a waterfall display showing signal activity over time.

The bottom-left window, titled "28459,90 USB IC-7300 VFO A", is a control panel for the VFO. It features a menu bar (File, Edit, View, Tools, Config, Window, Help) and a table for logging contacts:

CW	PH	Snt	Rcv	Name	Comment
160	160				
80	80				
40	40				
30	30				
20	20				
17	17				
15	15				
12	12				
10	10				

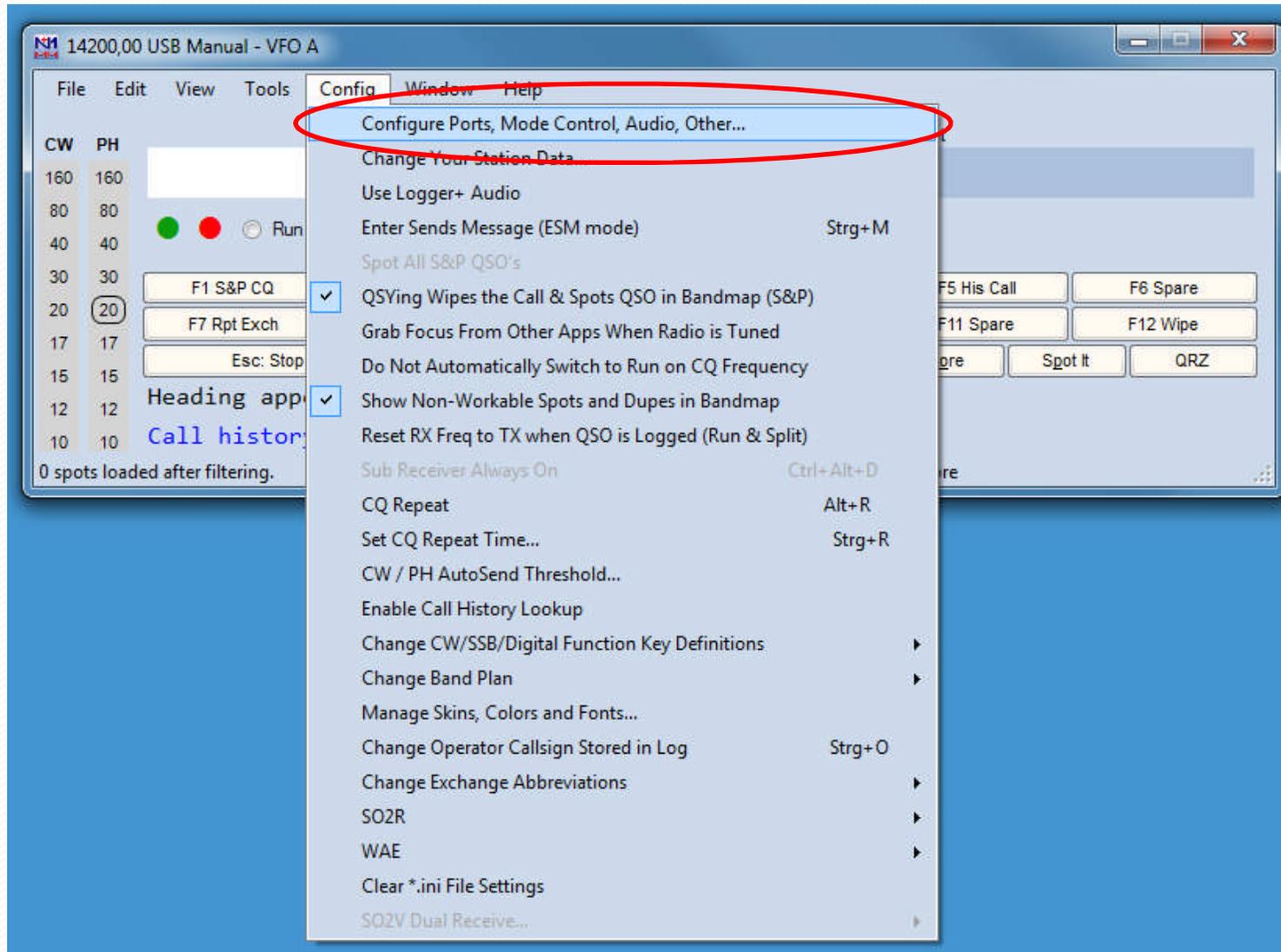
Below the table are various control buttons: F1 S&P CQ, F2 Exch, F3 Spare, F4 DL0AT, F5 His Call, F6 Spare, F7 Rpt Exch, F8 Agn?, F9 Zone, F10 Spare, F11 Spare, F12 Wipe, Esc: Stop, Wipe, Log It, Edit, Mark, Store, Spot It, QRZ. Additional information includes "Hdg 34° LP 214° 895km 556mi" and a note: "Call history UserText appears here when enabled." The status bar shows "OJ0: EU/MARKET REEF, Zn15" and "No Score".

The bottom-right window, titled "Telnet", displays a list of active stations:

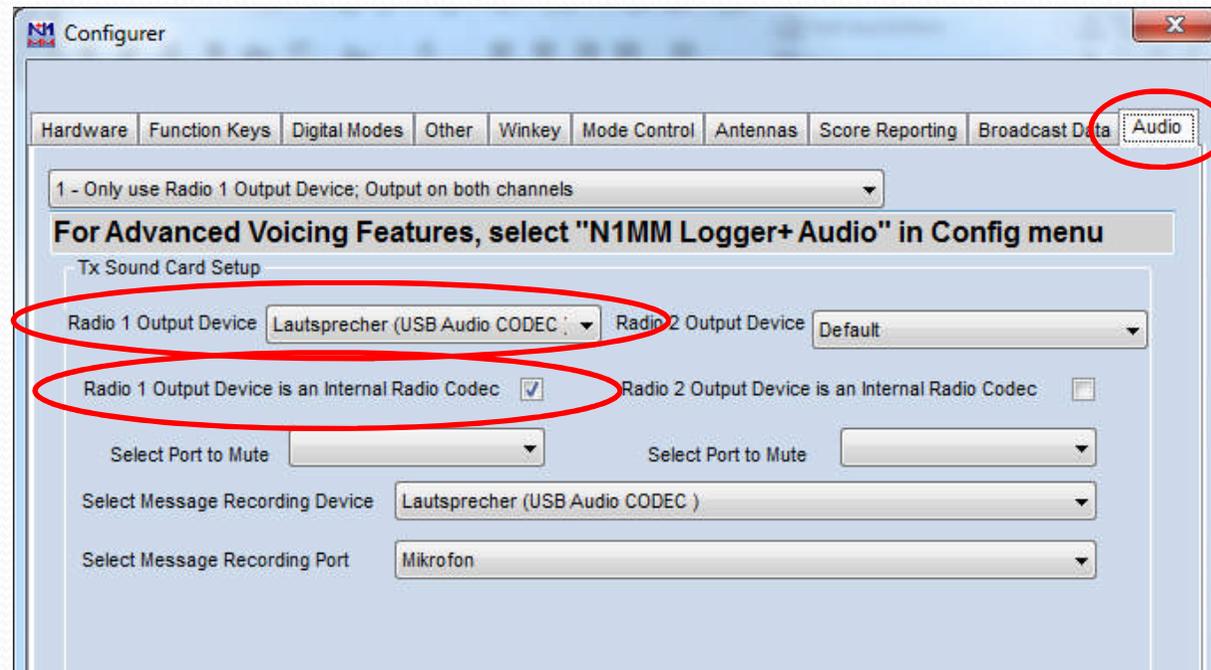
Type:	DB0SPC	Clusters	Bands/Modes	Filters	Spot Comm
	DX de DD0UM:	28455.0	MW0YVK		Edd:
	DX de VE3PV:	7074.0	K2PS		FT-i
	DX de VE3EDY:	50313.0	GU8FBO		EN8:
	DX de F1NQP:	28075.7	OK2MEZ		FT8
	DX de N4ASF:	50313.0	PA2M		TKS
	DX de YL2GJX:	21076.0	DL9CP		FT8
	DX de K01DX:	50313.0	G4IFX		FT8
	DX de DL6ZFG:	14260.0	YR100R		Tnx

At the bottom of the Telnet window are buttons for "BYE", "CONN", "D/N", "SH/DX", "USERS", "WWW", "Clear", "Yes DX", "NE only", "No DX", "No VHF", and "DL0AT".

# Einrichten Voice Keyer aus N1MM



# Einrichten Voice Keyer aus N1MM



Will man den Voice Keyer aus N1MM nutzen muss im Audio Menü folgende Einstellung vorgenommen werden.

# Einrichten Voice Keyer aus N1MM

The screenshot shows the N1MM software interface. The 'Config' menu is open, and the path to 'Change CW/SSB/Digital Function Key Definitions' is highlighted with red circles. The 'Change SSB Function Key Definitions' sub-menu is also highlighted.

**Config Menu:**

- Configure Ports, Mode Control, Audio, Other...
- Change Your Station Data...
- Use Logger+ Audio
- Enter Sends Message (ESM mode) Strg+M
- Spot All S&P QSO's
- QSYing Wipes the Call & Spots QSO in Bandmap (S&P)
- Grab Focus From Other Apps When Radio is Tuned
- Do Not Automatically Switch to Run on CQ Frequency
- Show Non-Workable Spots and Dupes in Bandmap
- Reset RX Freq to TX when QSO is Logged (Run & Split)
- Sub Receiver Always On Ctrl+Alt+D
- CQ Repeat Alt+R
- Set CQ Repeat Time... Strg+R
- CW / PH AutoSend Threshold...
- Enable Call History Lookup
- Change CW/SSB/Digital Function Key Definitions**
- Change Band Plan
- Manage Skins, Colors and Fonts...
- Change Operator Callsign Stored in Log Strg+O
- Change Exchange Abbreviations
- SO2R
- WAE
- Clear \*.ini File Settings
- SO2V Dual Receive...

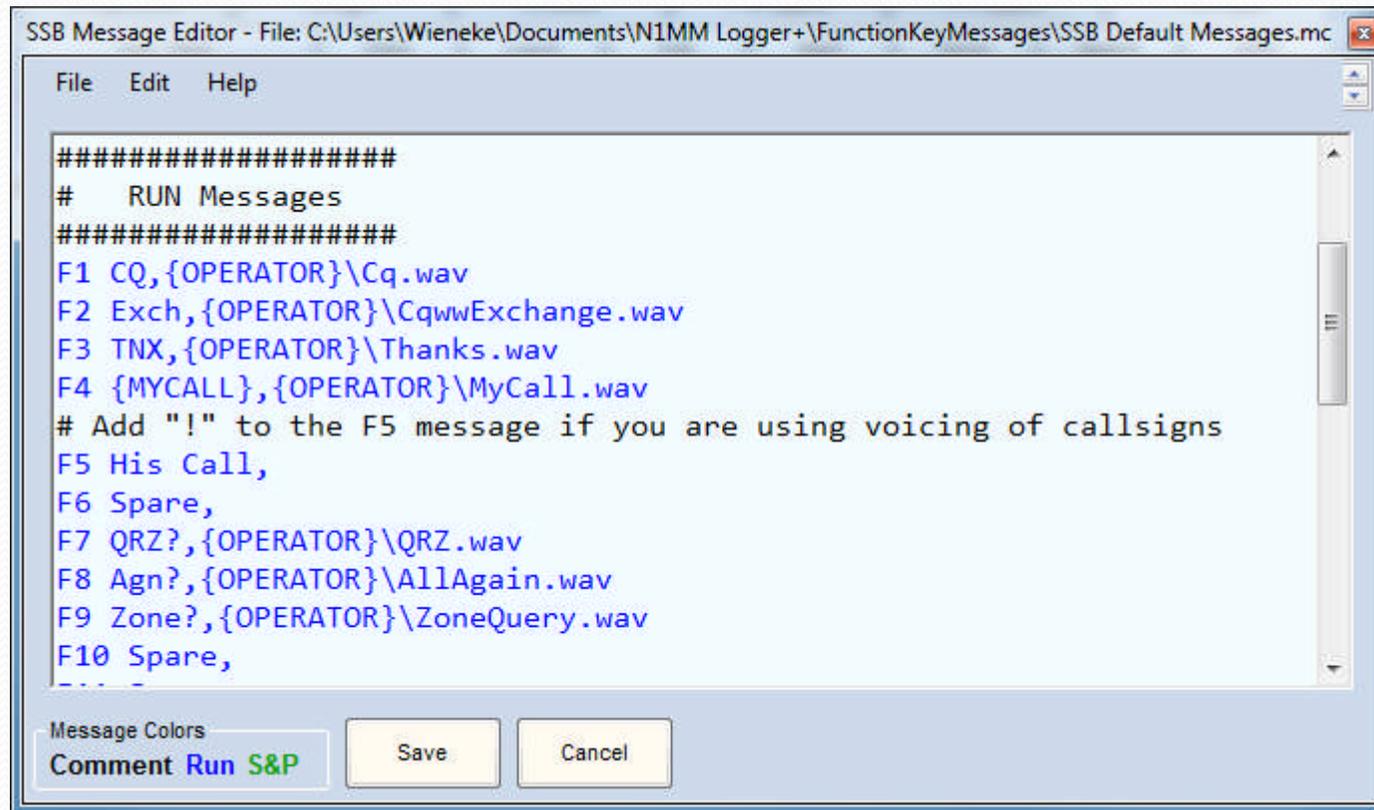
**Change CW/SSB/Digital Function Key Definitions Sub-menu:**

- Change CW Function Key Definitions
- Change SSB Function Key Definitions**
- Change Digital Function Key Definitions

**Telnet Window:**

DB0SPC	Clusters	Bands/Modes	Filters	Spot Comm
DX de JH1GNU:	14027.9	PJ2Y	up	
DX de HA6VH:	10107.0	EM9WFF/P		
DX de G0ISW:	50313.0	HA8VZ	I08	
DX de DF6QV:	14250.0	EM9WFF/P	UR	
DX de RA4FKC:	14051.1	UA9UAX/M	tnx	
DX de YL2GJX:	21075.0	DH8HHA	FT8	
DX de F1NQP:	28075.0	LY3CY	FT8	
DX de SK6WW:	50097.0	SM6CVX	CQ	

# Einrichten Voice Keyer aus N1MM

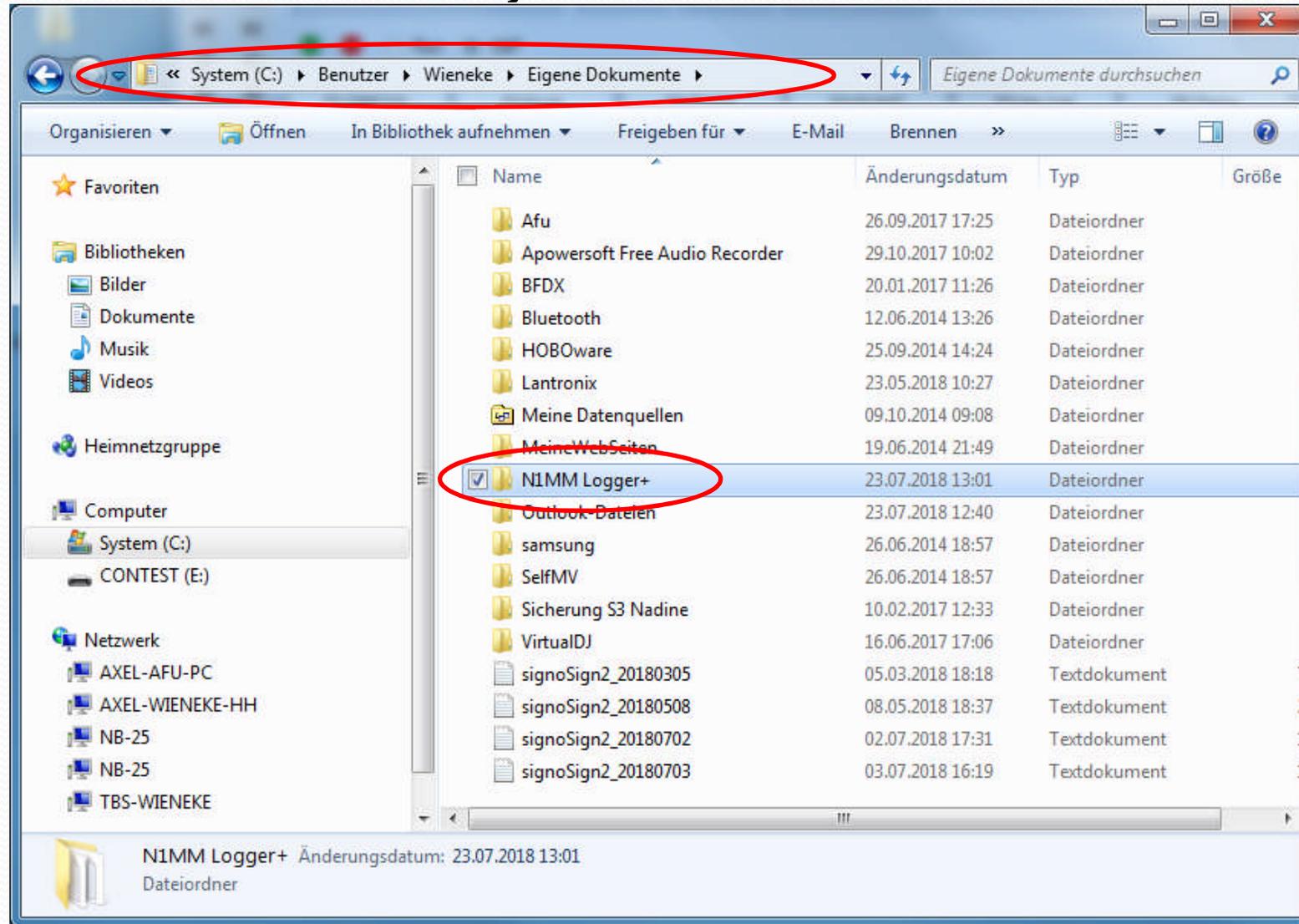


The screenshot shows a window titled "SSB Message Editor - File: C:\Users\Wieneke\Documents\N1MM Logger+\FunctionKeyMessages\SSB Default Messages.mc". The window has a menu bar with "File", "Edit", and "Help". The main text area contains the following text:

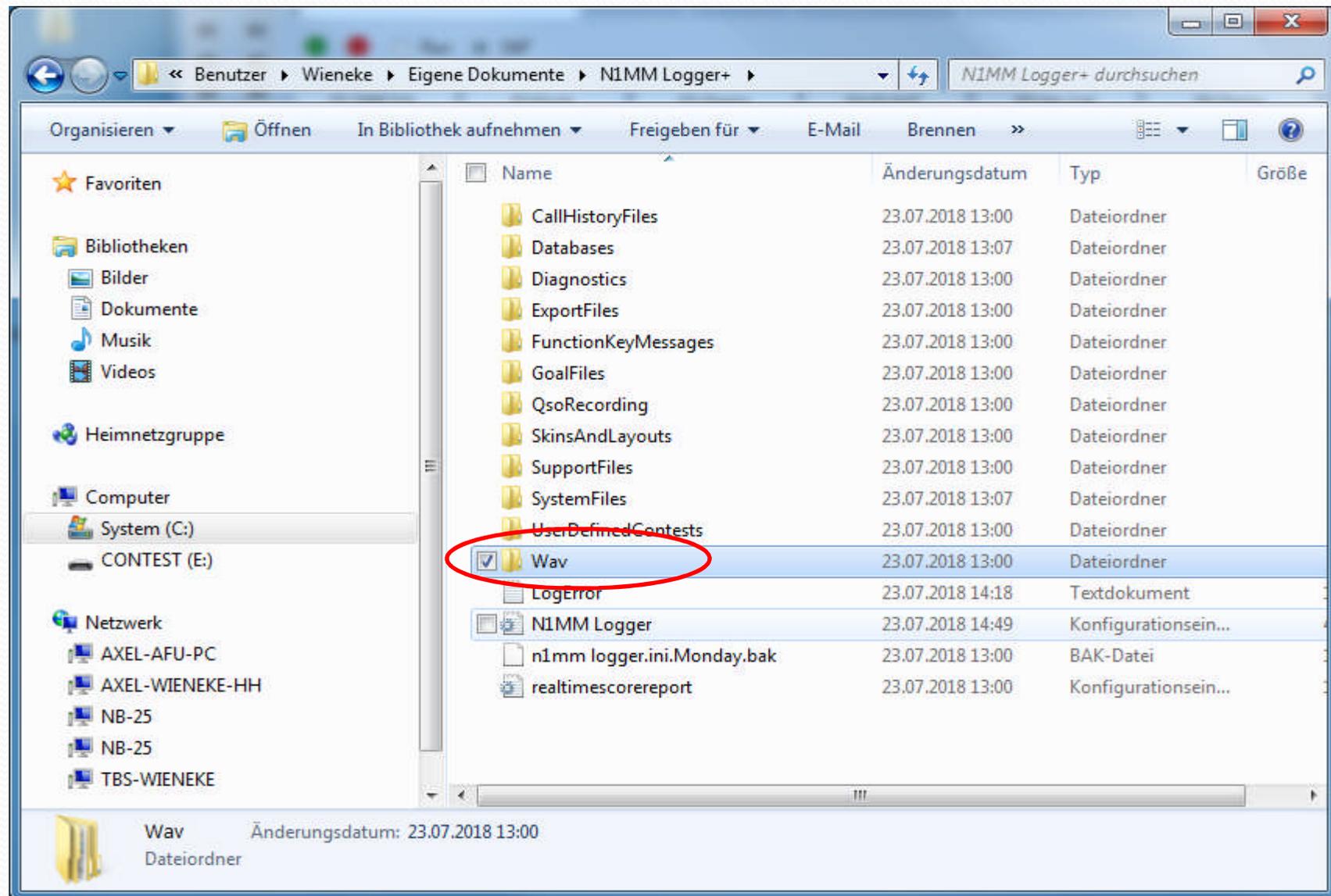
```
#####  
#   RUN Messages  
#####  
F1 CQ,{OPERATOR}\Cq.wav  
F2 Exch,{OPERATOR}\CqwwExchange.wav  
F3 TNX,{OPERATOR}\Thanks.wav  
F4 {MYCALL},{OPERATOR}\MyCall.wav  
# Add "!" to the F5 message if you are using voicing of callsigns  
F5 His Call,  
F6 Spare,  
F7 QRZ?,{OPERATOR}\QRZ.wav  
F8 Agn?,{OPERATOR}\AllAgain.wav  
F9 Zone?,{OPERATOR}\ZoneQuery.wav  
F10 Spare,  
...
```

At the bottom of the window, there is a "Message Colors" section with a "Comment Run S&P" button. To the right of this section are "Save" and "Cancel" buttons.

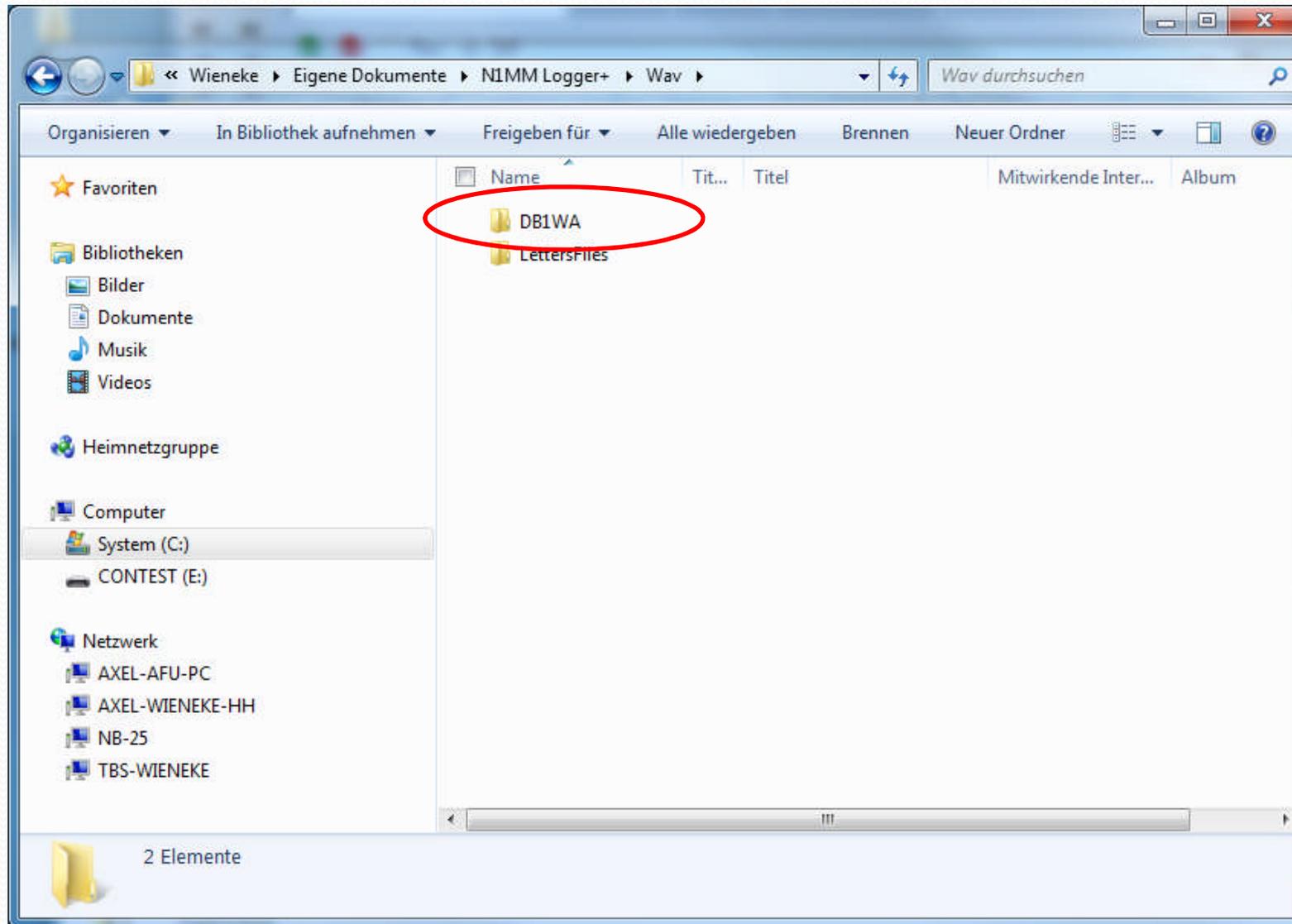
# Einrichten Voice Keyer aus N1MM



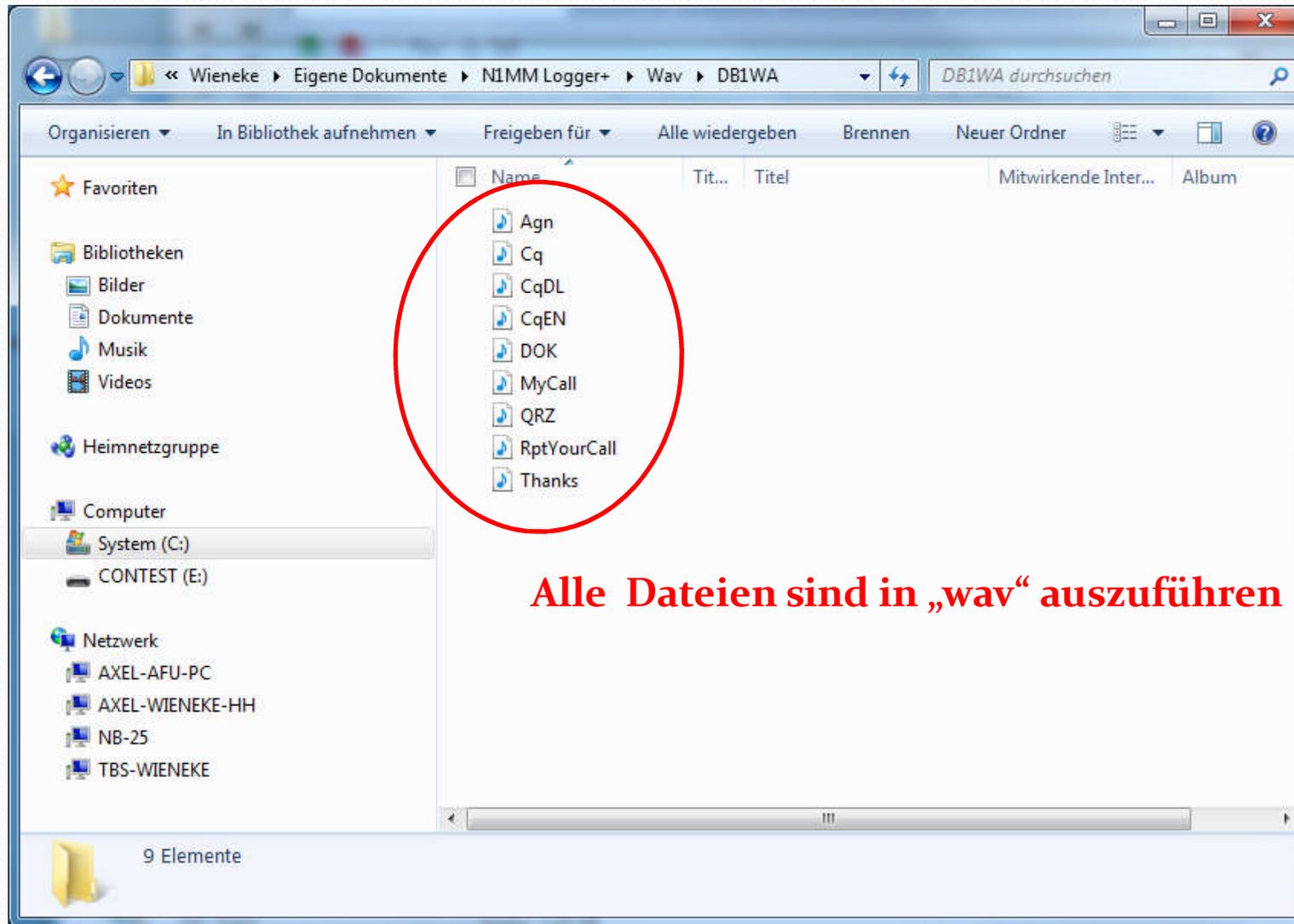
# Einrichten Voice Keyer aus N1MM



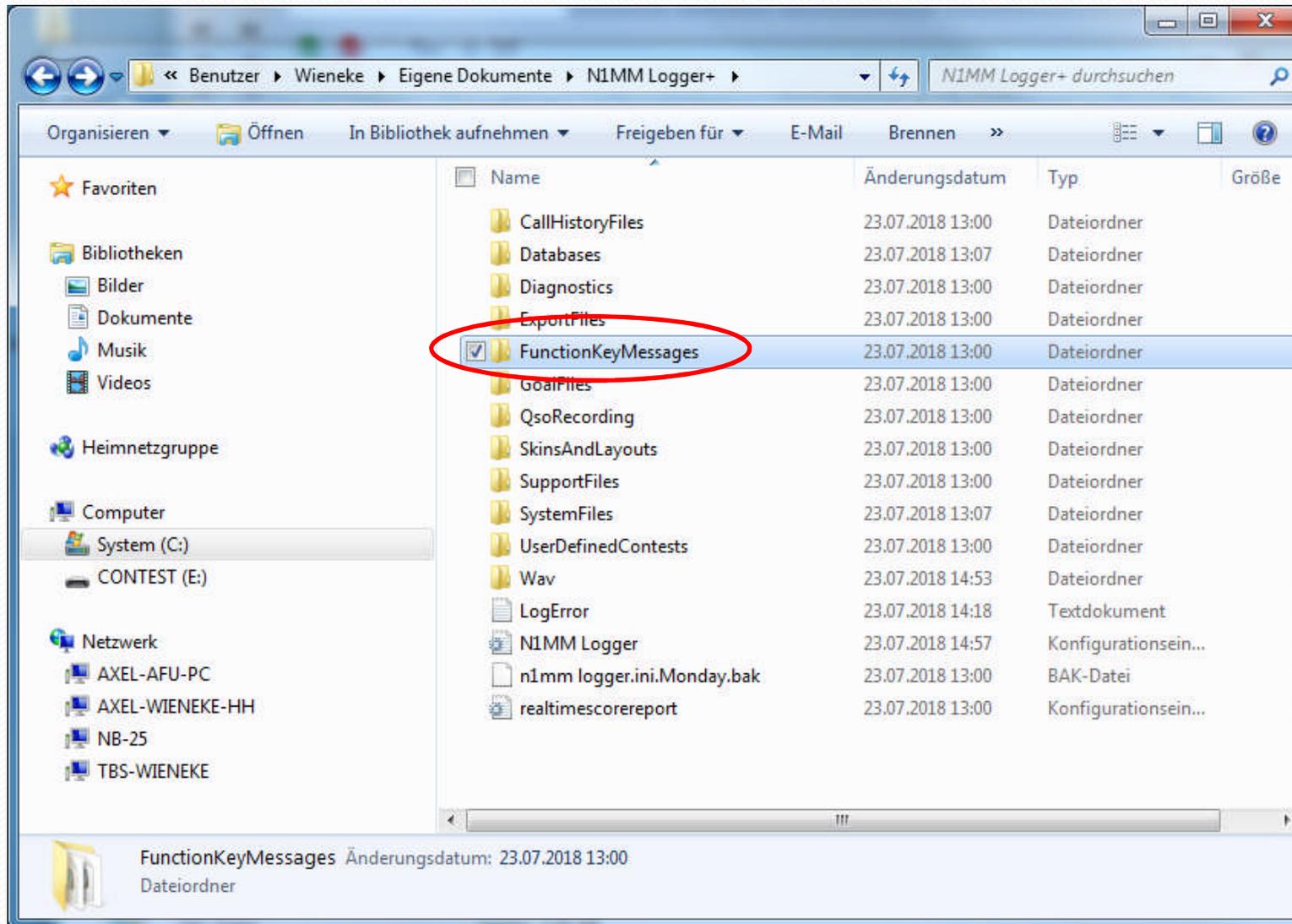
# Einrichten Voice Keyer aus N1MM



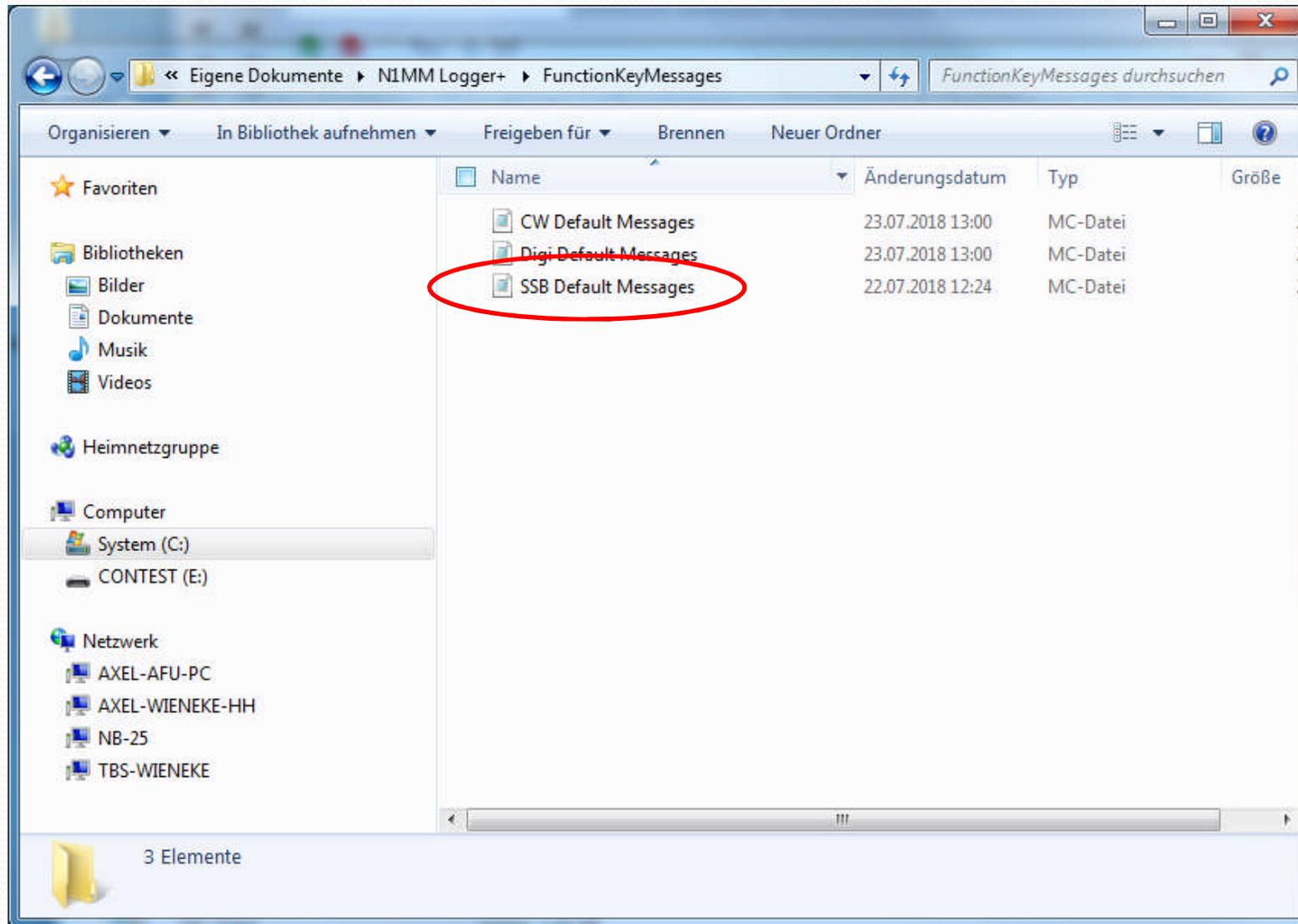
# Einrichten Voice Keyer aus N1MM



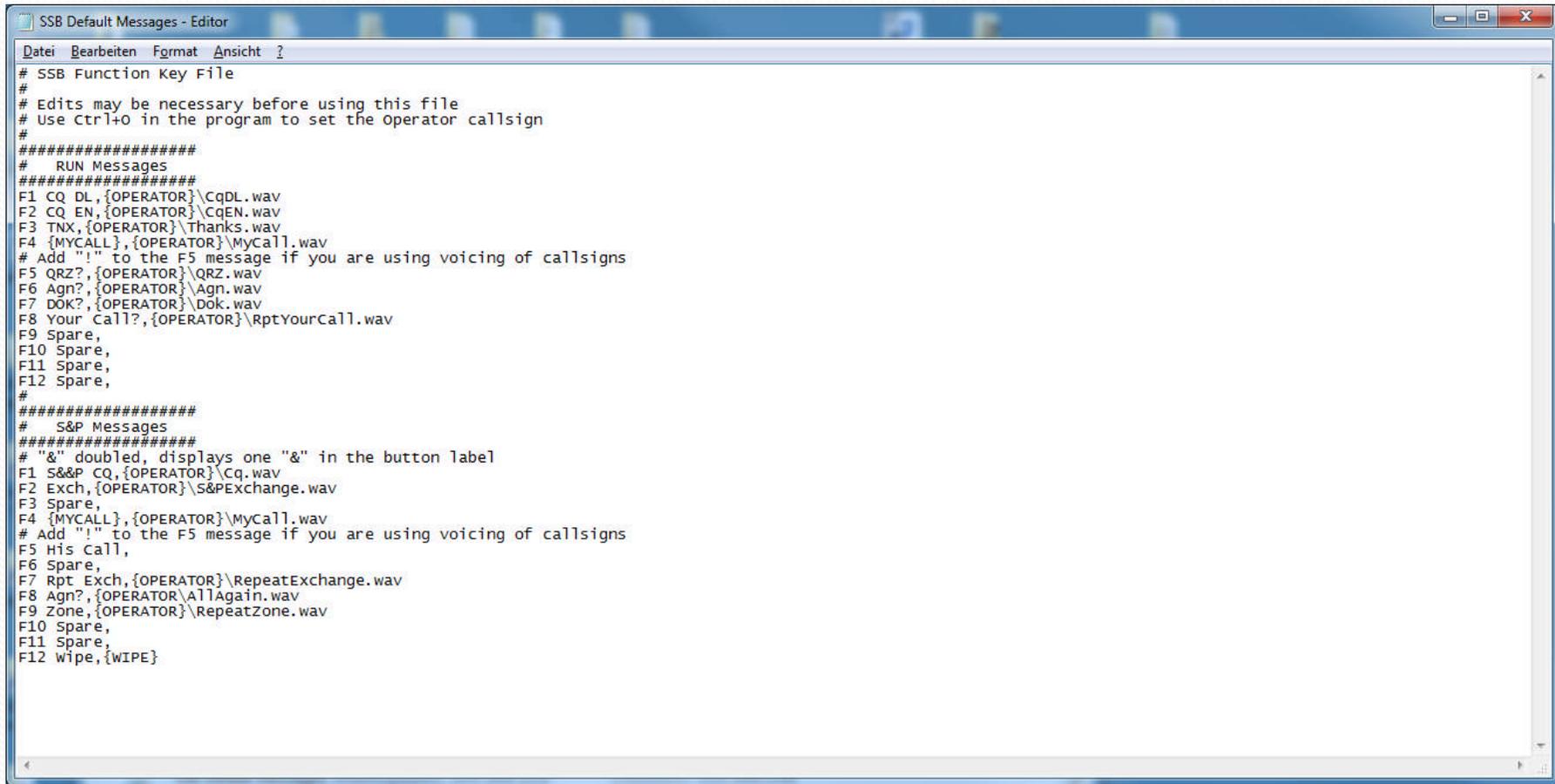
# Einrichten Voice Keyer aus N1MM



# Einrichten Voice Keyer aus N1MM



# Einrichten Voice Keyer aus N1MM



```
SSB Default Messages - Editor
Datei Bearbeiten Format Ansicht ?
# SSB Function Key File
#
# Edits may be necessary before using this file
# Use Ctrl+O in the program to set the operator callsign
#
#####
# RUN Messages
#####
F1 CQ DL, {OPERATOR}\CqDL.wav
F2 CQ EN, {OPERATOR}\CqEN.wav
F3 TNX, {OPERATOR}\Thanks.wav
F4 {MYCALL}, {OPERATOR}\MyCall.wav
# Add "!" to the F5 message if you are using voicing of callsigns
F5 QRZ?, {OPERATOR}\QRZ.wav
F6 Agn?, {OPERATOR}\Agn.wav
F7 DOK?, {OPERATOR}\Dok.wav
F8 Your Call?, {OPERATOR}\RptYourCall.wav
F9 Spare,
F10 Spare,
F11 Spare,
F12 Spare,
#
#####
# S&P Messages
#####
# "&" doubled, displays one "&" in the button label
F1 S&&P CQ, {OPERATOR}\Cq.wav
F2 Exch, {OPERATOR}\S&PExchange.wav
F3 Spare,
F4 {MYCALL}, {OPERATOR}\MyCall.wav
# Add "!" to the F5 message if you are using voicing of callsigns
F5 His Call,
F6 Spare,
F7 Rpt Exch, {OPERATOR}\RepeatExchange.wav
F8 Agn?, {OPERATOR}\AllAgain.wav
F9 Zone, {OPERATOR}\RepeatZone.wav
F10 Spare,
F11 Spare,
F12 wipe, {WIPE}
```

„SSB Default Messages“ nach Bedarf anpassen.

Nach einem Neustart von N1MM sind die Einstellungen aktiv.

# Bedienung NiMM

## Short Cuts (Tastenkombinationen):

Leertaste	=	Clusterspot übernehmen
Str + W	=	Eingabe löschen
Str + D	=	QSO aus Log löschen
Str + Q	=	Letztes QSO editieren
Str + O	=	Operatorwechsel

## Pfeiltasten:

Hoch	=	Frequenz hoch
Runter	=	Frequenz runter
Str+Hoch	=	Nächster Clusterspot nach oben
Str+Runter	=	Nächster Clusterspot nach unten



Fragen ???



Danke für die Aufmerksamkeit