

# N7XG Logger

Version 5.0

The screenshot displays the N7XG Logger software interface. At the top, the window title is "N7XG Logger - Version 5.04.00 - N7XG". The menu bar includes File, View, Action, Maps, Reports, and Help. The main interface shows a log of contacts for a "3905 40m SSB Late Net" session. The frequency is 7.180 MHz, and the start time is 04:00. The current time is 17:47 on August 22, 2019. The log table has columns for Nbr, Call, M/P, State, Cap, VIP/O, Mast, QRP, YL, Remarks, QSL, Name, Status, Sent, Rec, Rnd 1, Rnd 2, Rnd 3, and Rnd 4. A detailed view of a contact is shown at the bottom, with columns for Callsign, Mobile, State, Date, Time, Band, Frequency, Mode, RST Sent, RST Rec, Sent, Rec, IQSL, QSL, Name, City, and Remarks.

Nbr	Call	M/P	State	Cap	VIP/O	Mast	QRP	YL	Remarks	QSL	Name	Status	Sent	Rec	Rnd 1	Rnd 2	Rnd 3	Rnd 4
1	KN4HTC		NC							Direct	JAMES	c/o				17:45		
2	K4JEL		NC							Direct	JEFFREY	c/o				17:45		
3	K4LO		FL							cc40	Phil	c/o				17:45		
4	N7XG		OR	Y	Y				Relay	cc40	Dean							
5	NQ6C		CA							cc40	Mike							
6	W0MYZ		MN		Y	Y				cc40	Al	c/o				17:45		
7	ND0TS		ND							cc40	Tom	c/o				17:45		
8	N6GC		OR							cc40	Bruce							
9	WA6LBU		OK		Y					cc40	Clay							
10	W5WJN		LA							cc40	Bill	c/o				17:45		
11	KN4EUK		FL		Y					cc40	Bob							
12	AK4AT		VA							Direct	John							
13	KL7YK		AK						Alaska	Direct	Ronald	c/o						
14	WA6MRK		CA							cc40	Bob							
15	WA7BHC		NV							Direct	David	c/o						
16	K15CYA		TX							Direct	Mark							
17	K7NDM		AZ							cc40	Nathan							

Callsign	Mobile	State	Date	Time	Band	Frequency	Mode	RST Sent	RST Rec	Sent	Rec	IQSL	QSL	Name	City	Remarks
KN4EUK			8/16/2019	05:32:44	10M	28.6	SSB	22	22	N	N		cc40	Robert G Hall	Pinellas Park	
KN4EUK			8/16/2019	05:32:45	10M	28.6	SSB	22	22	N	N		cc40	Robert G Hall	Pinellas Park	
KN4EUK			8/16/2019	05:32:46	10M	28.6	SSB	22	22	N	N		cc40	Robert G Hall	Pinellas Park	
KN4EUK			8/16/2019	05:32:47	10M	28.6	SSB	22	22	N	N		cc40	Robert G Hall	Pinellas Park	
KN4HTC	NC		8/16/2019	17:07:14	40M	7.191.5	SSB	22	22	D	N		Direct	JAMES A HINSON	CONCORD	
N7XG	DR		8/16/2019	05:33:41	10M	28.6	SSB	22	22	N	N		cc40	Dean W Davis	Salem	
N7XG	DR		8/16/2019	05:33:42	10M	28.6	SSB	22	22	N	N		cc40	Dean W Davis	Salem	
N7XG	DR		8/16/2019	05:33:43	10M	28.6	SSB	22	22	N	N		cc40	Dean W Davis	Salem	
N7XG	DR		8/16/2019	05:33:44	10M	28.6	SSB	22	22	N	N		cc40	Dean W Davis	Salem	
W0MYZ	MN		8/15/2019	17:02:55	40M	7.191.5	SSB	22	22	N	N		cc40	ALAN R REMINGTON	BIGFORK	
W5WJN	LA		8/15/2019	16:55:00	40M	7.191.5	SSB	22	22	N	N		cc40	WILLIAM J NASON	DENHAM SPRINGS	
WA7HN	MT		8/15/2019	17:01:09	40M	7.191.5	SSB	22	22	N	N		cc40	RICHARD T MEADOR	STEVENSVILLE	
WT4X	TN		8/15/2019	17:45:25	40M	7.191.5	SSB	22	22	D	N		Direct	Denal W Bivens	Hickman	

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I would also like to thank Rick Mobley, WB5FDP for all of help in finding program bugs and making suggestions on how this program has become a great program.

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September 15, 2002

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# Documentation Conventions



When you see this symbol we will explain a caution topic



Caution



Important Notes



Tips and how to's



General notes

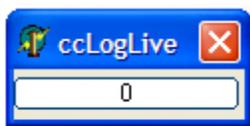
# Live Monitoring and Logging

The “Live” functions of the software will allow you to either “Log” or “Monitor” a net with other people. There can only be one logger for a single net on a single day and this person will have exclusive control of the checkin list until the net is either closed or the Logger station loses connection with the server for a period of 5 or more minutes. On the other hand an unlimited number can monitor any given net.



If N7XG Logger suspects that you do not have a valid internet connection all Live functions will be disabled.

When either logging or monitoring is selected N7XG Logger will start a process called ccLogLive and a small screen like the following will be displayed:



This little program is where all of the server work is being done. The numeric character in the center of the screen is an indication of how long it took to get the checkin data from the server. This is usually a small number. During busy internet times this number can grow to a higher number and as it does the area behind will get redder and redder.



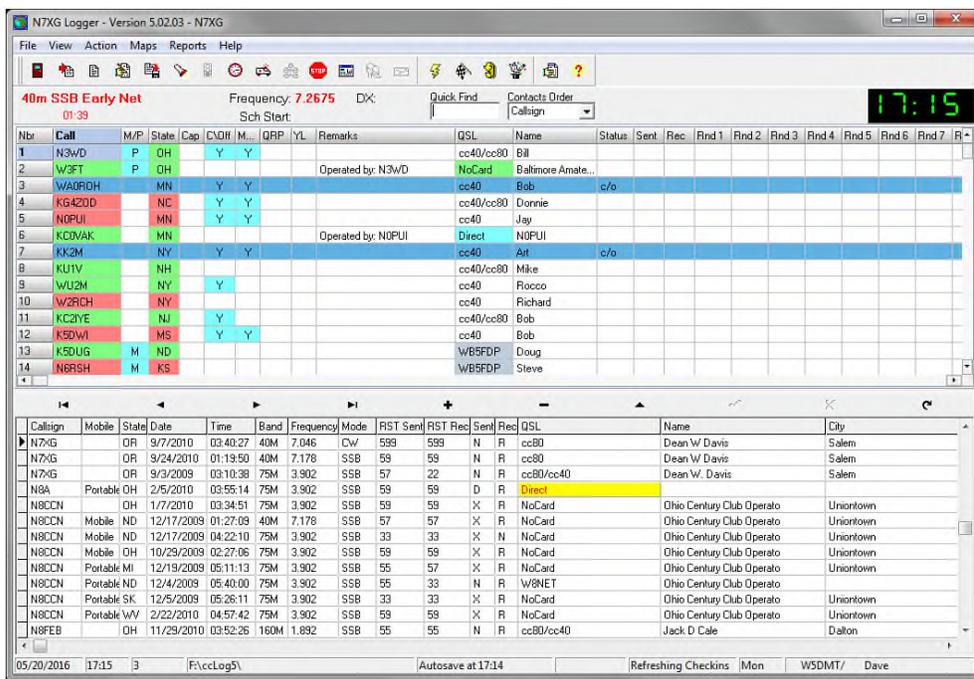
If you suspect that you are having server problems you may close the ccLogLive screen by pushing the red X box in the upper right hand of the screen. This will close the screen. In a short time (normally seconds) if you are either logging or monitoring N7XG Logger will restart ccLogLive and nothing will be lost.

The following are some terms and features that you understand if you will be using Live Logging:

Logging	Only one person can log a net for a single date. The logging function will upload the loggers checkin data to the server so other people and monitor a specific net.
Monitoring	Monitoring users are reading data from our servers that are being logged by a logger and at no time will they ever save data to the server.
Net Takeover	A net takeover is an action that anyone can take if a net becomes idle for a period of 5 or more minutes. When you see the message <b>Live Logging not Current</b> blinking in the upper right hand side of the main screen this means that the person that was logging has not recently updated the server. There could be many reasons for this to happen. If you select to perform a net takeover you will become the logger (please see above)
Closed nets	Once a logger has closed a net, anyone can reopen the net. You can tell a net is closed with the message <b>Net Closed</b> is blinking in the upper right hand side of the main screen. Once a new has been re-opened the new person becomes the active logger. A net only becomes closed when the person logging the net presses the red stop sign to close the net.



# Main Program Screen



Main Program Screen

There are four distinct areas of the Logger screen:

1. The top band contains information about the net that is currently in progress, some special buttons, and a UTC time clock.
2. The next area is the check in grid. This is where you enter stations as they are checking in to a net.
3. The next area is YOUR contacts database. A entry is in this area for every station you work after you have pressed the Log Contact button.
4. The last area is the status line that reports among other things information about network connections.

Having a good understanding of each of these areas will avoid confusion and allow you to become a master at logging nets.

To get started using the program the first thing you must do is start a net. The process of starting a net whether you are a NCS station or a check in station is the same. From the Action menu select **<Starting Logging a Net>**. Please see the procedure below in the section starting a Net. Starting a net will enable you to record checkins and log contacts.

After a net has been started the check in grid will be enabled for entry.



Remember, you **MUST** first start a net before you can start logging checkins in the check in area (top grid)

---

## Starting a Net



Starting a Net is the first action you must perform to start logging stations checking into a net. When you select **<Starting Logging a Net>** from the Action menu the following screen will be displayed:

Start Logging a Net

Please Select Net to Start  
No Net in Progress

Sch Start Time:   
Net Start Date: 8/22/2015  
Current UTC Date: 8/22/2015  
Current UTC Time: 17:27

Frequency:  DX Listen Freq:

Net Control (NCS)  
Call Sign:  Name:

QSL Message ID:   
Station Config:

Cancel OK

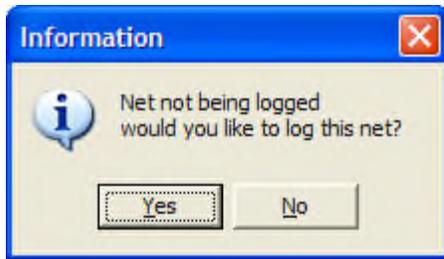
*Start Logging a Net screen*

Fields Used on the Start Logging a Net Screen	
Field	Contents
Select a NET	From the dropdown box you may select one of the valid Century Club nets.
Frequency	This is the primary frequency filled in from the Net Schedule table. If you are going to use the assigned frequency you may change it here or if you already have the net started you may use the Freq tool bar button to change the frequency.
DX Listen Frequency	If the net is going to be using a split frequency enter the listening frequency here. If during the net you change the listening frequency you may use the Freq tool bar button.
Sch Start Time	The schedule start time for the net as entered in the Net Schedules database
Net Start Date	The calculated Net Start date (normally adjusted for the 40m early net)
Current UTC Date	Current UTC time
Current UTC Time	Current UTC date
DX Listen Freq	If the net will be operating split for DX stations enter the listening frequency in this box.
Net Control	If you are the Net Control Station enter your callsign Otherwise enter the callsign of the NCS station
NCS Name	If you are the Net Control Station enter your name Otherwise enter the full name of the NCS station.  <i>It is important to note that you are running when you decide to produce QSL cards and want to give stations credit for your Club Officer point. The information here is also used for the email features of the program.</i>
Operator	This is YOUR callsign
QSL Message ID	Use this drop down to select the QSL message that you will be using for this net. All contacts made during this net will have the selected QSL Message.
Station Config	Using the dropdown button select the station configuration you will be using. Once selected it will fill in the Rig, Antenna, Power, and Accessory fields

After entering all of the information press the **<OK>** button. When this screen is closed the check in grid will be enabled and the net name, frequency and net start time will be displayed in red at the top of the screen.

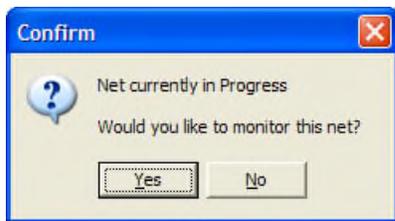
Each net has a pre-defined frequency. If you as a NCS station have decided to move the net to a different frequency or change the DX Listening frequency then you can use the **<Change Net Frequency>** menu option or the Freq Toolbar button..

Once you have entered all of the information and press the **<OK>** button you will be presented with the following screens for starting realtime monitoring:



*Net not being logged Prompt*

If you do not wish to use the online features of the program press the **<NO>** key, otherwise pressing the **<YES>** key start online services and determine if there is an active net in progress or asking you if you would like to log a net.



*Net Not active Prompt*

If no other station is logging this net you will be prompted and asked if you wish to become the logger. If you press the **<YES>** key then you will assume the sole role of logging the net you just started. If you press the **<NO>** key then online services will be deactivated and the program will run in the normal local mode.

---

## Resume Net



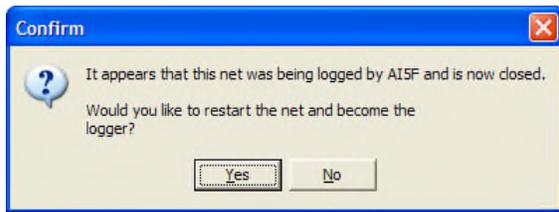
Add instructions here

---

## Net Takeover



From time to time a person who is logging closes the net disabling people who might be monitoring the net. Should this occur and you have just started the net the following additional screen will be displayed asking if you would like to take over the net and become the logger.



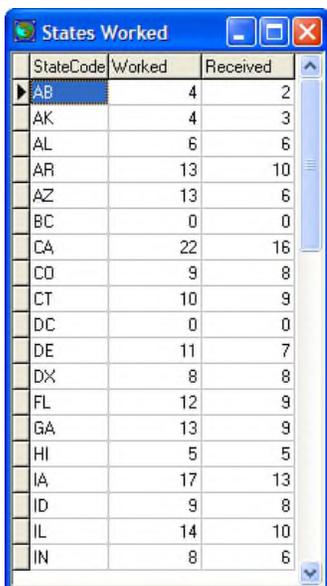
*Net Takeover Screen*

In this example AI5F had been logging the net, then decided to close the net. Pressing the **<YES>** button will allow you to takeover the net and become the logging station. Pressing **<NO>** will disable inline functions.

# State Status



This screen will display a list of states for the band you have currently open for the net in progress. It will give you a feel of how many contacts you have worked and how many of those have been received for each state.



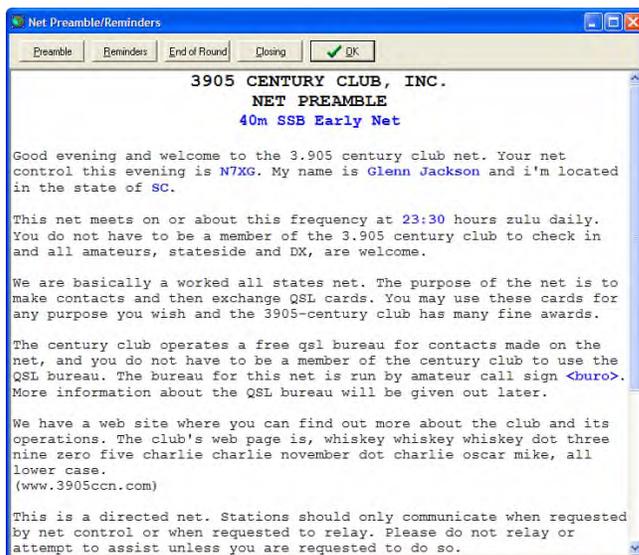
StateCode	Worked	Received
AB	4	2
AK	4	3
AL	6	6
AR	13	10
AZ	13	6
BC	0	0
CA	22	16
CO	9	8
CT	10	9
DC	0	0
DE	11	7
DX	8	8
FL	12	9
GA	13	9
HI	5	5
IA	17	13
ID	9	8
IL	14	10
IN	8	6

State Status Screen

# Displaying Net Preamble/Reminders



Once a net has been started and you are Net Control you can press the Net Preamble/Reminder button on the tool bar to display the standard Century Club scripts:



*Net Preamble/Reminders Screen*

Note that this screen cannot be modified and is for display purposes only. You can make one of three choices, Preamble, Reminders, or Half Time.

Any text that is blue is variable data and has been updated to reflect your current net.



If the either the font or font size is too small for your tastes you can change it using System Options Systems Options Tab.

# Recording Checkin's

Recording check is a simple process of entering a stations callsign and some other optional information. As you begin to use the program you will see how really simple this is. Remember that you can use the arrow keys to move anywhere within the check in grid and enter data. For example a mobile station might check in on the first round in CA and by the second round be in NV when this occurs just move to that cell and make the change.

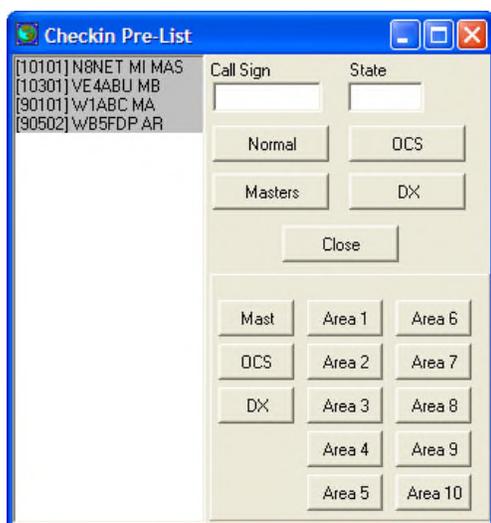


When you first start a net you will notice only **FOUR** checkin lines. To add additional lines to the check in area use the down arrow key and keep pressing until it displays the number of lines you wish to add. Also lines can only be added to the bottom of the checkin list.

---

## Creating a Checkin Pre-List

Before a net starts the NCS Station may take a pre-list of stations wishing to check into the net. This feature can be selected by **Action** → **Checkin Pre-List**:



As stations are checking into the pre-list enter their call sign in the Call Sign field and if they are fixed at home then hitting the enter will look up their call and fill in the state.

In addition to entering a call sign it can be used to set other options;

Special codes for the Call Sign Field	
Field	Contents
-P	Portable
-M	Mobile
-DX	DX station

After entering the call sign and state select one of the following buttons that best describes the station checkin in. Remember this is the pre-list.

Button	Purpose
Normal	These are normal checkins
OCS	Original Charter Signers
Masters	Masters
DX	DX stations including Canada

---

## Using the Checkin Pre-List

Once the prelist has been created you may use it as a tool to speed up processing checkin's. Each of the buttons at the bottom of the screen can be used to fill in the list. For example if you are just about to ask for checkin's in the 3<sup>rd</sup> call area and you have 3<sup>rd</sup> calls in the Pre-List then pressing the Area # button will add those entries in your prelist that were in the 3<sup>rd</sup> area of the prelist into your main checkin list. Once a station has been selected from the pre-list it will be marked so that it cannot be used again.

---

## Finding Prior Contacts

As you are listening for contacts on the air sometimes you might not always hear the full call. For example in a recent net all we were able to hear during check in was Alpha Charlie Alpha, or ACA. The Logger program has very powerful prior Contact searching features and can be either used by entering the call or any portion of the call into the Callsign cell or the Search box at the top of the screen:



Consider the following examples of entering a call and what is returned:

<b>Callsign</b>	<b>Examples of Calls returned</b>
W6B	W6B, W6BAB, W6BUM
BUM	WA5BUM, W6BUM, N1BUM
ACA	VE6ACA, N5ACA
A	Any call that has the character "A" in it

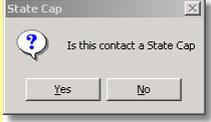
To reset the filtering erase the "Quick Find" box at the top of the screen.

## Fields Used on the CheckIn Grid

Field	Contents
<b>Call</b>	<p>Enter the stations callsign followed by one or more of the special control sequences:  <b>/M</b> will mark the checkin as <b>Mobile</b>  <b>/P</b> will mark the checkin as <b>Portable</b>  <b>/C</b> will mark the checkin as a <b>State Cap</b>  <b>/Q</b> will mark the checkin as <b>QRP 5 Watts</b>  <b>-XX</b> where XX is a state code and will update the state column</p> <p>So entering W6ABC/M-UT will mark the checkin as W6ABC mobile in Utah</p> <p>When you enter a stations callsign and move the cursor to the next field (mobile/portable) the following actions occur:  The FCC database is searched and if a match is found the stations State is copied into the Check in grid. The full name and address is also saved.  The Nick Name is also searched and if a match is found the correct first name is also entered into the check in grid.  The Club Officer data base is checked for this station and if found the C\OFF cell is prefilled with a Y and the cell high lighted. Also if the station is marked with Master Holder the Mast cell is prefilled with a Y and highlighted. If the station is a Original Charter Signer the remarks is prefilled with "/OCS" and highlighted as well.  The YL data base is checked for this station and if found the YL cell is prefilled with a Y and the cell highlighted.  The Buro database is also checked using the station callsign and the current net in progress and if a match is not found the QSL field is updated with the word "Direct" and highlighted in light blue.  RED = You have already worked this station in this state and this net  GREEN = You have not worked this station in this state for this net.  BLUE = This station has checked out either by request or going 2 rounds with NA entered into 2 adjoining columns.</p>
M/P Mobile <b>Portable</b>	<p>If a station is mobile enter an M in the field. If it is portable enter a P. If it is neither simply move the cursor using the cursor movement keys to the State field. You will notice that if you enter a value in this field when you move to the next field the program will high light the M/P in light blue.</p>



Once a call sign has been entered into the call cell the only way to correct it is to erase the line using the CTRL E keys and re-enter the call sign.

<b>State</b>	<p>Normally the state field will be prefilled by the program using the FCC database. But, when a station is mobile or portable more than likely the station will be operating in another state. Either enter the correct state or move to the next field (Cap).</p> <p>The program will check the State database and compare the state's capital name with the city name from the FCC data base and if a match is found the following screen will be displayed asking you if this contact is a state capital:</p>  <p>If the contact is a State cap press the <b>&lt;Yes&gt;</b> button, otherwise press the <b>&lt;No&gt;</b> button. If you press the <b>&lt;Yes&gt;</b> button a Y will be entered into the Cap cell and marked in light blue.</p> <p>When you move to the Cap field a search to the Contacts data base is made using the callsign, state, and net name and if a entry is found the entries callsign and state are high lighted in red to denote that you have worked this station before with this combination. If you have not work this station for this combination it is highlighted in green. So red means no need to work or green means you can work.</p>
<b>Cap</b>	<p>Enter a Y into this field to denote a State Capital station. When entered it will be highlighted in light blue. You may also use the ` + C Keys to mark and highlight the state cap cell</p>
<b>C/OFF (Officer)</b>	<p>Enter a Y into this field to denote a Club Officer. When entered it will be highlighted in light blue. You may also use the ` + v Keys to mark and highlight the Club Officer cell.</p>
<b>Mast</b>	<p>Enter a Y into this field to denote a Master Degree Holder. When entered it will be highlighted in light blue. You may also use the ` + M Keys to mark and highlight the Mast cell.</p>
<b>QRP</b>	<p>Enter the stations QRP transmitter value in this field. For example enter 5 for 5 watts. If entered this cell will be high lighted.</p>
<b>YL</b>	<p>Enter a Y into this field to denote a YL (Young Lady). When entered it will be highlighted in light blue. You may also use the ` + Y Keys to mark and highlight the YL cell.</p>
<b>Remarks</b>	<p>The only auto filling for remarks is for a station that is a Original Charter Signer in which case "/OCS" will be entered. This cell may be used for any purpose you like but keep in mind that if you are using the email capabilities of the Logger what ever you have entered in the remarks cell will be outputted during email processing.</p> <p>Some Examples of remarks:</p> <ul style="list-style-type: none"> <li>• Marking COMBO stations if the word COMBO is entered and you work this station it will be marked as a combo</li> <li>• Marking a Special Event stations operator (I.E. via KL7OR)</li> <li>• Identifying first time stations to the net</li> <li>• Identifying Relay Stations</li> </ul> <p>There are no real rules here just use your own judgment as to your own requirements.</p> <p>If Remarks contains the phrase "No Card" the QSL sent fields will be set to X</p>
<b>QSL</b>	<p>This field will be prefilled and high lighted for any station that is not in the corresponding NETS QSL buro.</p> <p>For stations that are good in either bureau the program will either insert cc40, cc80, or cc40/cc80.</p>

<b>Name</b>	The name cell will be either prefilled from the Nickname database or the First Name field of the FCC database. The Nickname database has precedence over the FCC data. There are many operators who like to be called a name other than what is in the FCC database. If a station has given you a different to use simply enter that name in this cell and the Logger program will automatically save it to the Nick name data base for permanent use, forever, of course you can change it any time you wish.
<b>Status</b>	It the current implementation there is only one function that uses the status field and that is for you to indicate that you really want to work a station. Pressing the <i>y</i> key will update the Status cell as <NEED and change it's color. When you work a station that is in <NEED status the Logger will erase the <NEED and change the color back to normal white.
<b>Rec</b>	The stations R-S-T. While I am either running a net or just working a net and I determine that I would like to work a station I try and establish the RST long before the actual contact is made. In fact I normally record the stations RST for all check in's that are green, meaning that I have not worked this station on this net
<b>Sent</b>	The R-S-T that was sent to you during a contact.
<b>Rnd 1 – Rnd 10</b>	Ten columns are provided to record the contact between stations. If you are on a net with more than ten rounds I would like to know. As you are working a round after each contact is made enter the station worked. As a NCS station this can be helpful for stations that are not logging and will save time to the calling station by telling him/her that they have already worked the station.  Please see the section Processing Rounds below Also see the section below on recording DX contacts for the DX bureau.



When you first start a new the program only shows 4 rows (lines) for checkins. To add additional rows use the down arrow key (on the right side of the keyboard). If you need 5 lined push the down arrow key five times. Having extra lines in the checkin list does not cause any problems.

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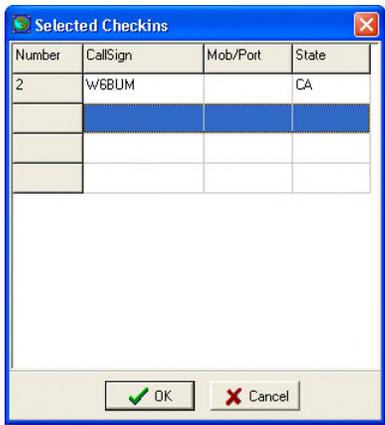
## Processing Rounds

If a station wants to pass then enter "PASS" for this round and the color of the cell will be changed to yellow.

If a station does not answer enter "NA". If a station goes any 2 rounds with NA entered then the station will be automatically be checked out.

Entering / followed by a checkin number the program will replace the /nn with the callsign if that number. I.E. if you enter either /4 or \4 the program will replace the /4 or \4 with the callsign of that checkin.

If you enter either a / or \ followed by a character string the logger will look for matching strings in both the callsign and state columns and display the following screen:



*Selected Checkin Screen*

Using the up/down arrow keys highlight an entry, press the **<OK>** button and the callsign will be inserted into the cell replacing the /xx or \xx

If you double click on a row the screen will be closed and you will be positioned at the callsign you selected.

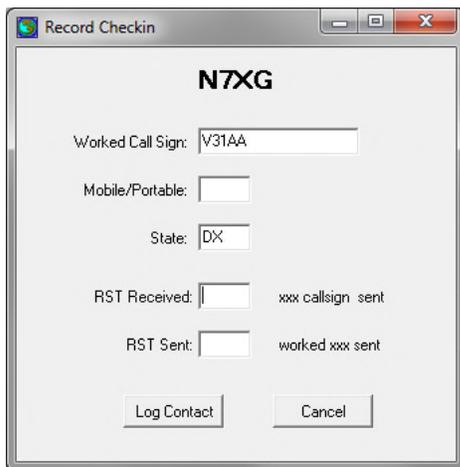
If at any point such as completing a round you want to start a new round you may press the [ctrl] + **N** keys.

If you are in the middle of a round and have a checkin, press the **<F8>** key to go to the bottom of the list and record new chekins. After you have completed taking checkins, press the **<F10>** key to go back to the same point and resume the round.

## Capturing DX Contacts

The logger has the ability to record contacts between stations and DX stations and at the conclusion of the net automatically send the contact information to the DX QSL Bureau.

If the current active station wants to work a DX station checked enter -# where # is the line number of the DX station. After you press the enter key the following screen will be displayed to record additional information for the contact:



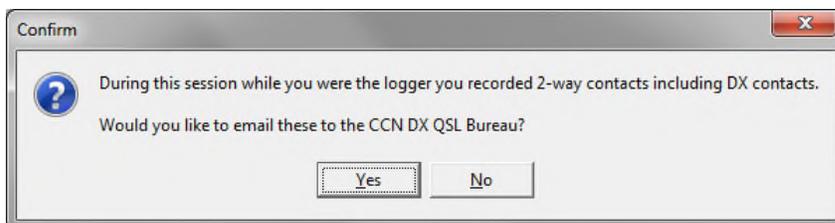
The screenshot shows a dialog box titled "Record Checkin" with a close button (X) in the top right corner. The main title "N7XG" is centered at the top. Below it, there are several input fields and checkboxes:

- "Worked Call Sign:" followed by a text box containing "V31AA".
- "Mobile/Portable:" followed by an empty checkbox.
- "State:" followed by a dropdown menu showing "DX".
- "RST Received:" followed by a text box containing "1" and the label "xxx callsign sent".
- "RST Sent:" followed by a text box containing "5" and the label "worked xxx sent".

At the bottom of the dialog, there are two buttons: "Log Contact" and "Cancel".

When the contact is complete enter both the Sent and received RST on this screen followed by pressing the Log Contact button. In addition to information on this screen the date and time will also be recorded.

When you close the net and the logger has determined that you have recorded contacts the following screen will be displayed:



The screenshot shows a dialog box titled "Confirm" with a close button (X) in the top right corner. On the left side, there is a question mark icon. The text inside the dialog reads:

During this session while you were the logger you recorded 2-way contacts including DX contacts.  
Would you like to email these to the CCN DX QSL Bureau?

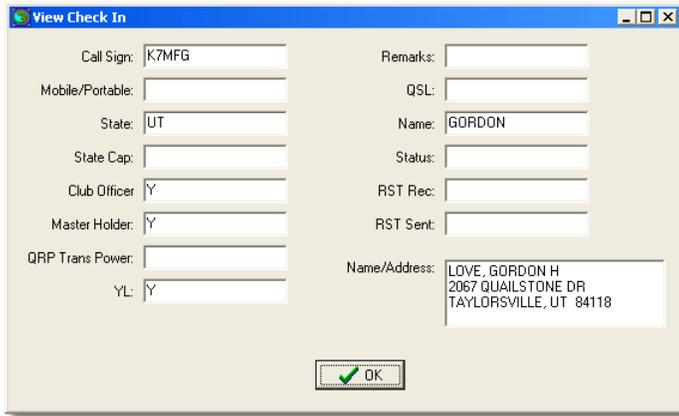
At the bottom of the dialog, there are two buttons: "Yes" and "No".

Pressing the Yes button will send the email to the DX QSL Bureau.

---

## Viewing Check in Data

At any time you may double click on any row to bring up the View Check in screen.



The screenshot shows a window titled "View Check In" with a light beige background. It contains two columns of text input fields. The left column includes: Call Sign (K7MFG), Mobile/Portable (empty), State (UT), State Cap (empty), Club Officer (Y), Master Holder (Y), QRP Trans Power (empty), and YL (Y). The right column includes: Remarks (empty), QSL (empty), Name (GORDON), Status (empty), RST Rec (empty), RST Sent (empty), and Name/Address (LOVE, GORDON H, 2067 QUAILSTONE DR, TAYLORSVILLE, UT 84118). At the bottom center is an "OK" button with a green checkmark icon.

*View Check In Screen*

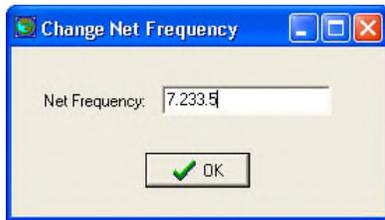
***NOTE: This is a read only screen, you may not make changes here***

---

## Changing the Net Frequency

Freq

From time to time it may become necessary to move an in-progress to another frequency due many conditions such as QRM, adjacent QSO's, etc. On the main menu, Action Submenu select "Change Net Frequency" which will display the following screen:



*Change Net Frequency Screen*

Fields Used on the Change Net Frequency Screen	
Field	Contents
<b>Net Frequency</b>	Enter the correct frequency for the net if the NET has moved off the default frequency as defined in the Net Schedules database. press the <b>&lt;OK&gt;</b> button. From this point on any contact you make will have this value posted in the corresponding record.

---

## Logging a Contact



There are 2 ways to log a contact. Either use the  $\rightarrow$  Log Contact function key or press the Log Contact button at the top of the screen Either method will achieve the same results.

If you attempt to log a contact with out filling in both the Sent and Received R-S-T reports the following screen will be displayed asking you to fill in the missing values:

Log Contact

His R-S-T: 55

My R-S-T: 59

No Card needed

No Card Requested

OK

*Log Contact Screen*

Complete the missing information and press the **<OK>** button to complete the logging of the contact.



If you have entered both the sent and received signal reports on the row for the checkin then you will not be shown the Log Contact screen.

If the station you just worked does not need a card then insure that either the QSL sent or received field is blank and the Log Contact screen will be displayed.

When you log a contact the following functions are performed:

- The color for the Callsign and State are changed to red to indicate that you have worked this station
- A entry is made into the contacts data base with all of the information
- The Contact entry is date and time stamped with the current UTC date and time

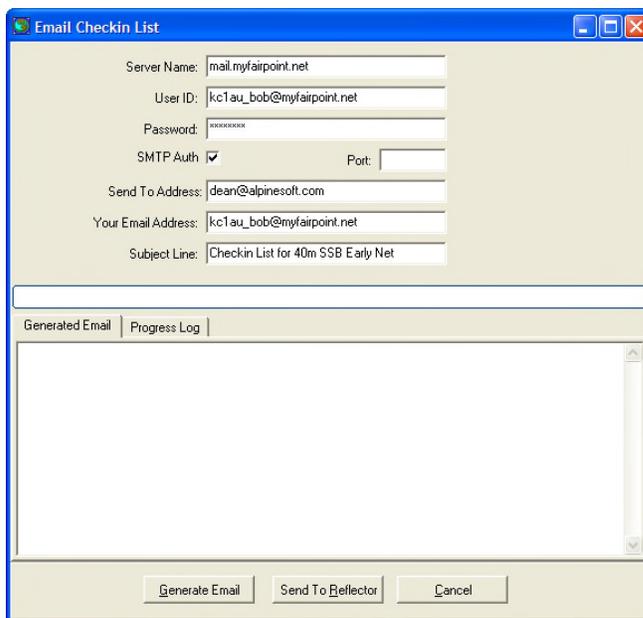
From this point forward every time this station is checked in with this Callsign, state, and net the callsign and state cells will be flagged in red to indicate to you that you have worked this station.

If you have a station in your ckeckin area that is red you may work this station as many times as you like.

# Emailing the Checkin list to a Reflector



The program has the ability to email a checkin list to any valid email account including a LISTSERV such as yahoogroups.com or topica.com, or to send out individual emails to the email list that is supported by the Century Club. The body of the email is broken into two pieces: 1) The header which you may fully customize; and 2) the body which is generated by the program. When you select the email function from the main menu the following screen will be displayed:



*Email Checkin List Screen*



In order to use this facility you should have a good understanding of how email systems work. If you do not understand some of the fields at the top of the screen I suggest that you find someone locally that can help you.

The first four fields on this screen are used to communicate with your email system and where you want the email sent to.

Fields Used on the Email Checkin List Screen	
Field	Contents
<b>Server Name</b>	This is the name of your SMTP mail server
<b>User ID</b>	This is the user ID that you use to log onto your mail server. IT IS NOT your email address
<b>Password</b>	This is the password of YOUR email account. Note that the program will display ***** to hide the password from plain view.
<b>SMTP Auth</b>	Simple Main Transport Protocol. Check this box if your email systems requires SMTP Authorization. Note that most do.
<b>Send to Address</b>	This is the email address that you will be sending this email to. Normally it will be <a href="mailto:3905checkins@yahoogroups.com">3905checkins@yahoogroups.com</a>
<b>Your Email Address</b>	This is your email address that is on your email server.
<b>Subject Line</b>	This is the email subject line and should be descriptive to the net you are recording. The program will insert a default for the net you are currently checking in to.
<b>Message Header Text</b>	See below

## Message Header Text

The message header will be placed at the top of the email before the list of checked in stations. There is no limit to the number of lines that you can use and the 3905 Century Club has some standards on the formatting of the header.

Entering text into this section is pretty straight forward. All you have to do is just type your text. There are some special global keywords that can be used dynamically to change text on the fly. For example if you use <net> then <net> will be replaced with the net name in progress. The following is a list of valid global parameters and their meaning:

Global	Meaning
<net>	The current net in progress
<date>	The current UTC date
<time>	The current UTC time
<necos>	The net control stations call and name
<freq>	The current Net Frequency
<mode>	The Net Mode (I.E. SSB, CW, PSK-31)
<band>	The Net band

<logger>	The call sign of the person logging this net
<loggername>	The name of the person logging this new

The following is an example of a complete message:

```

Check-Ins List for:      40m SSB Late Net
Zulu Date:              09/26/2002
Zulu Time:              04:11:00
Net Control Station:    KL7OR Dean Davis

Abbreviations:

OFF      = 3905 CC Club Officer (Office holder, etc)
MASTERS = Master Degree Holder
OCS      = Original Charter Signer
YL       = Young Lady
/M       = Mobile
/P       = Portable
CAP      = State Capital
SP EV    = Special Event

There are 7 different states checked into this net

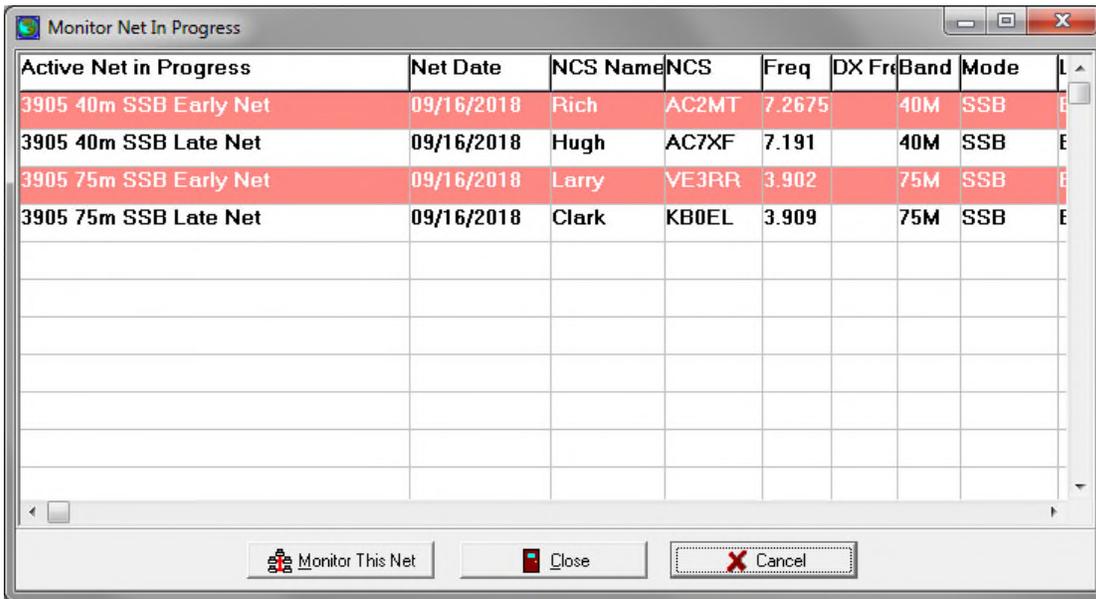
No  Call      State  Name      Status & Notes
-----
1   W5IL       NM     RICHARD   OFF Portable
2   VE6ACA    DX     Leroy
3   K7MFG     UT     GORDON   OFF MASTERS
4   KE6FQC    CA     STEPHEN
5   KB7RUQ    UT     JAMES
6   KK7SR     WA     Mel       OFF
7   W7DP      WA               Via KK7SR
8   K8BR     UT     BRIAN
9   KD7RVK    ID     Brad      CAP
10  KC0LPD    KS     Dean
-----

This log was generated by:
3905 N7XG Logger - Version 5
A product of Alpine Software, www.alpinesoft.com

```

Buttons Ued on the Email Checkin List Screen	
Button	Function
<input type="button" value="Generate Email"/>	This will generate the Text that will be used to send to the reflector. This will not send email messages and is used only to test the generated text.
<input type="button" value="Send To Reflector"/>	This will generate and send to the reflector (on the top of the screen) the list of stations checked in.
<input type="button" value="Cancel"/>	Closes this screen.

# Monitoring Nets

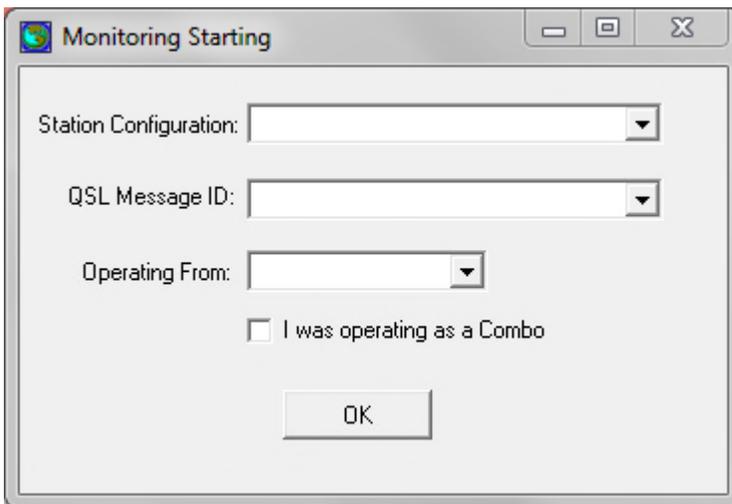


The screenshot shows a window titled "Monitor Net In Progress" with a table of active nets. The table has columns for "Active Net in Progress", "Net Date", "NCS Name", "NCS", "Freq", "DX Freq", "Band", "Mode", and "L". The first four rows are highlighted in red.

Active Net in Progress	Net Date	NCS Name	NCS	Freq	DX Freq	Band	Mode	L
3905 40m SSB Early Net	09/16/2018	Rich	AC2MT	7.2675		40M	SSB	E
3905 40m SSB Late Net	09/16/2018	Hugh	AC7XF	7.191		40M	SSB	E
3905 75m SSB Early Net	09/16/2018	Larry	VE3RR	3.902		75M	SSB	E
3905 75m SSB Late Net	09/16/2018	Clark	KB0EL	3.909		75M	SSB	E

At the bottom of the window are three buttons: "Monitor This Net", "Close", and "Cancel".

Either highlight the net you want to monitor or double click on it to start monitoring a net.



The screenshot shows a dialog box titled "Monitoring Starting" with the following fields and options:

- Station Configuration: [Dropdown menu]
- QSL Message ID: [Dropdown menu]
- Operating From: [Dropdown menu]
- I was operating as a Combo
- OK button

Fields Used on the Start Logging a Net Screen	
Field	Contents
<b>Station Config</b>	Using the dropdown button select the station configuration you will be using. Once selected it will fill in the Rig, Antenna, Power, and Accessory fields
<b>QSL Message ID</b>	Use this drop down to select the QSL message that you will be using for this net. All contacts made during this net will have the selected QSL Message.
<b>Operating From</b>	You may optionally select from one of the following <b>YOU</b> are operating from: High-Point Low-Point Tri-Point National Park
<b>Operating as Combo</b>	If you are operating as a combo then check this box.