

LogConvert Utility

# N7XG Logger

Version 5.0

N7XG Logger - Version 5.04.00 - N7XG

File View Action Maps Reports Help

3905 40m SSB Late Net Frequency: 7.180 DX: Quick Find Contacts Order 0 3905 Century Club Activity 17:47 Aug 22 2019  
05:00 Sch Start: 04:00

Nbr	Call	M/P	State	Cap	VI/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	KI5CYA		TX							Direct	Mark							
17	K7NDM		AZ							cc40	Nathan							

Call	Mobile	State	Date	Time	Band	Frequency	Mode	RST Sent	RST Rec	Sent	Rec	QSL	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		OR	8/16/2019	05:33:41	10M	28.6	SSB	22	22	N	N		cc40	Dean W Davis	Salem	
N7XG		OR	8/16/2019	05:33:42	10M	28.6	SSB	22	22	N	N		cc40	Dean W Davis	Salem	
N7XG		OR	8/16/2019	05:33:43	10M	28.6	SSB	22	22	N	N		cc40	Dean W Davis	Salem	
N7XG		OR	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	
W74K		TN	8/15/2019	17:45:25	40M	7.191.5	SSB	22	22	D	N		Direct	Deial W Bivens	Hickman	

08/22/2019 17:47 13 F:\ccLog5\ Autosave at 17:45 Refreshing Checkins Mon KN4EUK/Bob

By Alpine Software

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A special thanks goes to Allan Rowe, VE4ABU for all of his help with programming some of the routines in the N7XG Logger, including Amateur Data Interchange Format (ADIF) import and export, FCC synchronization, plus others.

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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# LogConvert

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## Documentation Conventions



When you see this symbol we will explain a caution topic



Caution



Important Notes

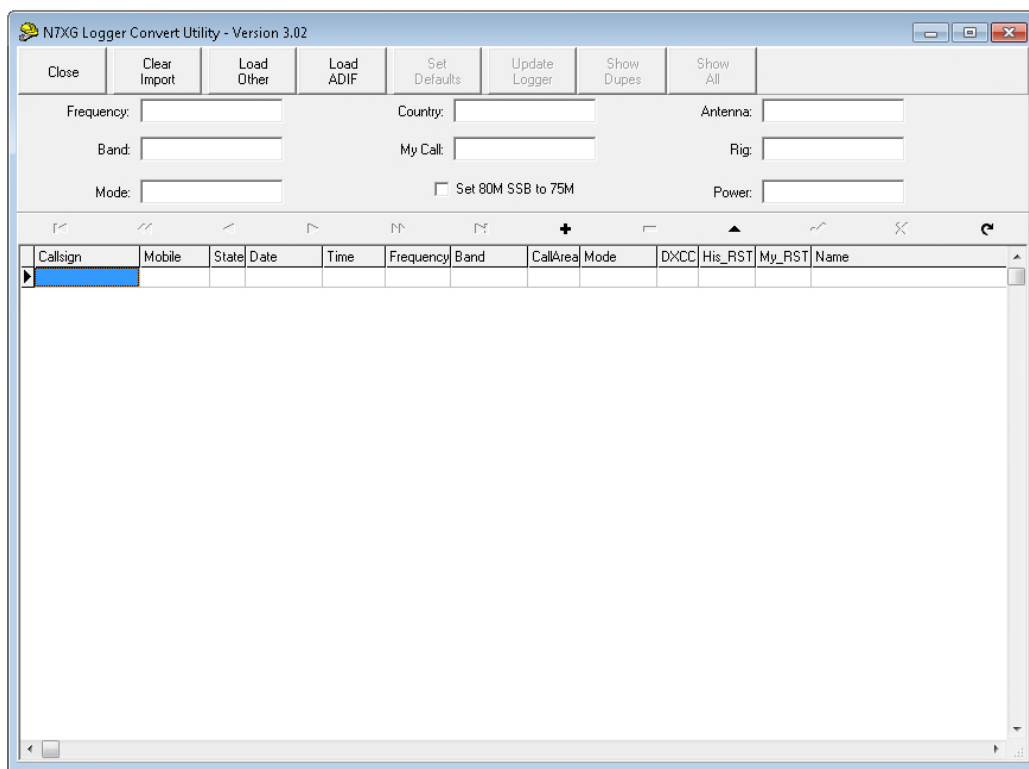


Tips and how to's



General notes

# Introduction



The above screen represents what you will see when the LogConvert program is started.

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## Introduction

Importing data is a 3 step process using the LogConvert utility. The first step in this process is to import your data, the second step is to relate imported data elements to N7XG Logger data elements, set defaults, and correct data, and the last step is to update the logger.

Across the top of the screen is a tool bar of functions you will perform to successfully import your data. In the middle of the screen are fields that you can use to update missing values, and at the bottom is a grid where the imported data will be related to N7XG Logger data elements.

The following functions are available:

Clear Import	Deletes all records in the import work area
Load Other	Used to import logs in non-ADIF formats such as MS-Excel, dbase, etc.
Load ADIF	The dialog where you import data from ADIF files
Set Defaults	Updates work area records with missing data
Update Logger	Loads the work area into the N7XG Logger
Show Dups	Displays records not loaded that were duplicates
Show All	Resets the work area grid to display all records



Importing data can be a trial and error process and it might not turn out the way you want to the first time. The import process copies data into a work area where you may make changes before it is loaded into the N7XG Logger area. If you do not like the way your data got converted, you may delete it and try again. Most logging programs do not support many of the features found in N7XG logger and after you have imported the data there may be a lot of manual updating that must be performed.

---

## Import Functions

### Clear Import

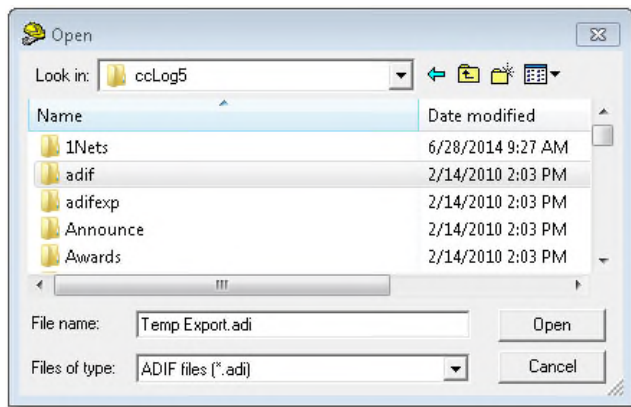
The Clear Import function will delete ALL the records in the import work area. Once records are deleted they may not be restored. So please use care.

## Load ADIF

This is the function that will be used to load ADIF data from other logging programs. It has been designed to load standard ADIF data.

<b>Load File</b>	Loads the ADIF import file
<b>Process</b>	Converts and loads the ADIF data into the import work area.
<b>Close</b>	Close this screen

To load the ADIF file press the Load button and a standard Windows open dialog like the following will locate the file for you:

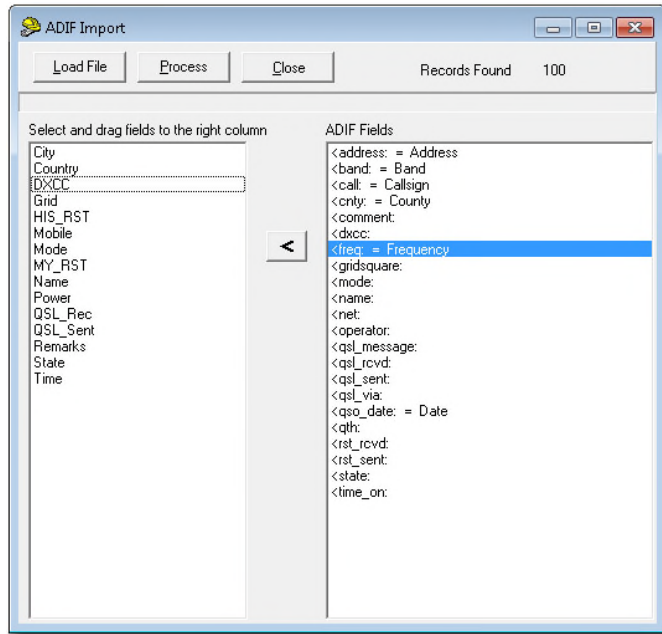


*Windows Open Dialog*

After selecting a file, and clicking on the “Open” box, you will see a screen like the one below.



Once you have loaded the ADIF file you must match fields from the ADIF import file (right column) to those fields in the N7XG Logger (left column). This is accomplished by dragging a field from the left column to the corresponding field in the right column.



*ADIF Import Screen*

At this point you **MUST** match fields from the Import work Area box to the Fields Found in ADIF Input. This is a very easy process of highlighting and holding the mouse and dragging the Import Area Field to a matching ADIF Input field. As each field is matched it will be removed from the Import Area Field box. Simply go down the list until all of the fields have been matched to the ADIF input. You may have some extra fields that did not have a matching ADIF Input field (an example might be "Power"). This is normal as all logging programs do not operate the same.



Caution. You Must match at a minimum the following fields from the Left side to fields on the Right side:

**Callsign, Date, Time, Band, and Mode**

After all fields have been matched, press the Process button to start the actual ADIF conversion and loading of data into the Import Work Area.

You should see a screen similar to the one below after selecting the Process button. It represents how your ADIF import data will look in N7XG Logger.

Close

Clear Import

Load Other

Load ADIF

Set Defaults

Update Logger

Show Dupes

Show All

Frequency:

Country:

Antenna:

Band:

My Call:

Rig:

Mode:

☐ Set 80M SSB to 75M

Power:

◀

⏪

⏩

▶

⏮

⏭

+

-

⏴

⏵

⏶

⏷

↺

↻

Callsign	Mobile	State	Date	Time	Frequency	Band	CallArea	Mode	DXCC	His_RST	My_RST	Name
K8DFA		WV	10/22/2015	23:07	7.2675	40M		SSB	1	59	59	DAVID
K4KFK		KY	10/23/2015	23:32	7.2675	40M		SSB		59	59	RANDY
KD4EAQ		VA	10/23/2015	23:32	7.2675	40M		SSB		57	57	LJ
K6QN		PA	10/23/2015	23:40	7.2675	40M		SSB		22	57	JERRY
N8ADB		MI	10/23/2015	23:41	7.2675	40M		SSB		59		RAY
N8ADB		MI	10/23/2015	23:42	7.2675	40M		SSB		55	59	RAY
KJ0UG		ND	10/28/2015	16:39	14.332	20M		SSB		59	57	BRUCE
W6MEI		CA	10/28/2015	16:40	14.332	20M		SSB		59	59	BOB
K0CE	Portable	MN	10/28/2015	21:02	14.332	20M		SSB		59	59	FRED
KD0WGB		IA	10/28/2015	21:02	14.332	20M		SSB		59	59	DON
N1PVT		MA	10/28/2015	21:33	14.332	20M		SSB		57	58	JANE
K2EZ	Mobile	NJ	10/28/2015	21:59	14.332	20M		SSB		59	55	ANDREA
K5SSL		AZ	10/29/2015	00:45	7.2675	40M		SSB		59	59	TERRY
K4PHZ		AL	10/30/2015	00:11	7.2675	40M		SSB		59	59	STEVE
K3EDP		PA	10/30/2015	00:22	7.2675	40M		SSB		44	58	Robert W Stoker
K3EDP	Portable	PA	12/31/2015	00:29	7.2675	40M		SSB		59	59	BOB
W6NWF		CA	1/3/2016	17:25	21.395	15M		SSB		33	59	VIV - YL
WA7NVT		OR	1/3/2016	17:44	21.395	15M		SSB		57	59	TIM
KF7BA		MT	1/3/2016	17:46	21.395	15M		SSB		22	59	BRAD
K16WDX	Portable	CA	1/3/2016	17:47	21.395	15M		SSB		44	55	MIKE
K8MPW	Mobile	ID	1/3/2016	17:50	21.395	15M		SSB		56	58	BIL
W3BS	Mobile	TN	5/12/2016	17:44		40M		SSB				BUDDY
W4X2G	Portable	FL	5/12/2016	17:45		40M		SSB				Robert R Geers

## Set Defaults

This function will make minor corrections to your data that are compatible with the N7XG Logger. Before using these fill into the fields on the screen with default values that are not normally used by other logging programs. The following summarizes the actions taken:

- ⇒ If QSL Sent is not equal to a Y make it an N
- ⇒ If QSL Sent is equal to a Y make it an S
- ⇒ If QSL Received is equal to a Y make it a R
- ⇒ If callsign ends with /M remove the /M and mark the line as Mobile
- ⇒ If callsign ends with /p remove the /P and mark the line Portable
- ⇒ If remarks contains the string "STATE CAP" mark the line as a State Capital
- ⇒ If remarks contains the string "QRP" update the QRP value with 5
- ⇒ If band is equal to 10 replace it with 10M, 20 to 20M, and the rest of the bands.
- ⇒ If any of the following fields are blank replace the field with the value that was entered on the screen:
  - Frequency
  - Band
  - Mode
  - Country
  - Antenna
  - Rig
  - Power
  - MyCall
- ⇒ If band is blank attempt to update band with frequency. I.I if frequency is 14 then set band to 20M
- ⇒ If state is blank and mobile/portable is blank perform a FCC lookup to set the state field

## Update Logger

After you are comfortable with your data use the Load button to transfer the records in the work area to the N7XG Logger. The load function will only load unique records and ignore duplicates where the following fields are equal between two or more records:

**Callsign, mobile, state, date, time, frequency, band**

## Show Dups

This will display all of the records that are in the work area that were not loaded into the logger because they were duplicates.

## **Show All**

Reverses the effect of the Show button

# Load Other

---

## Overview

Data can be imported from a variety of sources including other programs, Microsoft Excel, and text files. This chapter will cover the basics using the **Import Wizard**. While using this Wizard you will be required to answer some questions about the data you are trying to import.

---

## Import Wizard

Normally the import function is done only once during initial program setup to transfer data from an existing program to the N7XG Logger. After you have a chance to play with the program you can delete all of the existing Contact data using the menu function, then convert your data. We strongly suggest that you save your specifications incase the import did not work as expected. Then you can delete the contact data, reconvert with your specifications, make changes and re-save.

We have found that folks who use generic programs like Microsoft Excel might have to experiment several times before the data is in the correct format.

## Step 1 – Identify Input



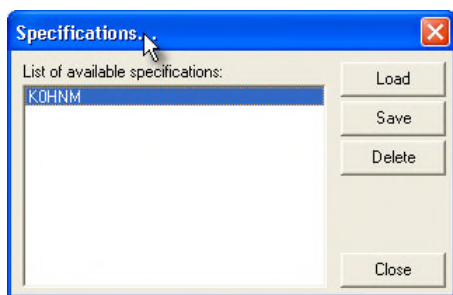
*Step 1 Data Format*

From this screen you either may start a new import from scratch or use one of the supplied specification files. To use a Specification press the specification button and select from one of the supplied formats.

If you are not using a specification file the first step is to identify the type of file that you will be importing data from. In the above example we will be using the Microsoft Excel format.

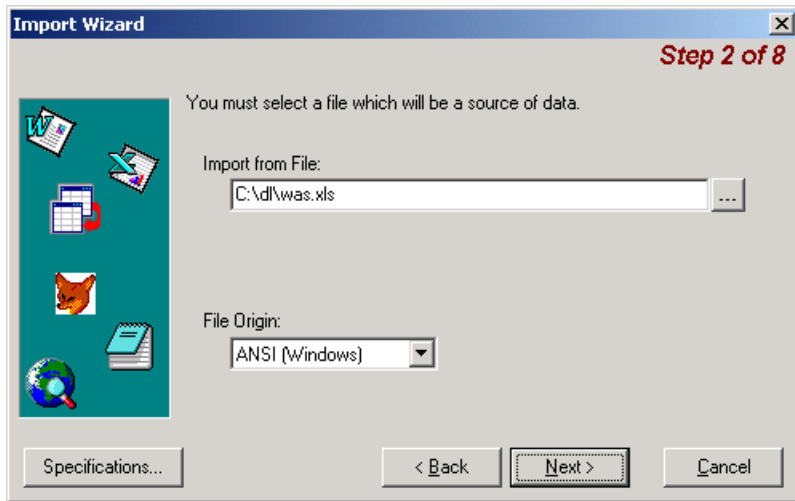
When you have made your selection press the **<Next>** button to continue.

If you have saved your specifications from a previous attempt at converting your data you may load it using the **<Specifications>** button:



*Import Specifications Screen*

## Step 2 - Select Input File

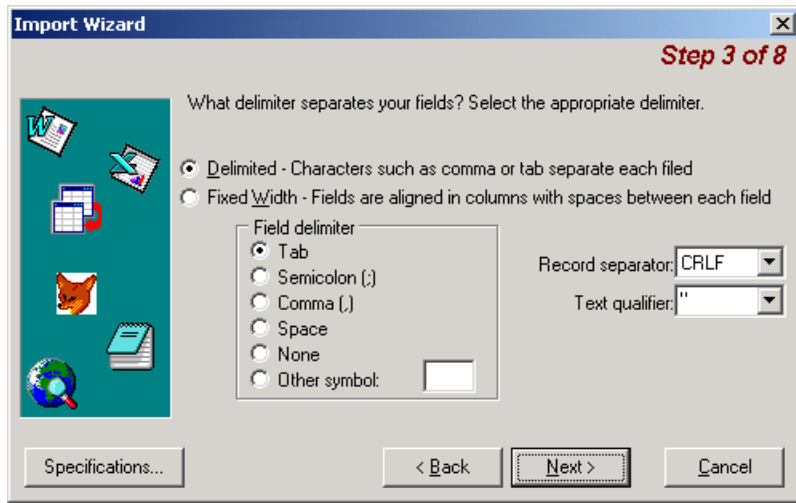


*Step 2 Select File screen*

The next step is to locate your input file you will be using for the import. Press the **<ellipse>** button on the right if the input area to navigate and find the desired file.

For most cases the File Organizer should be left as is.

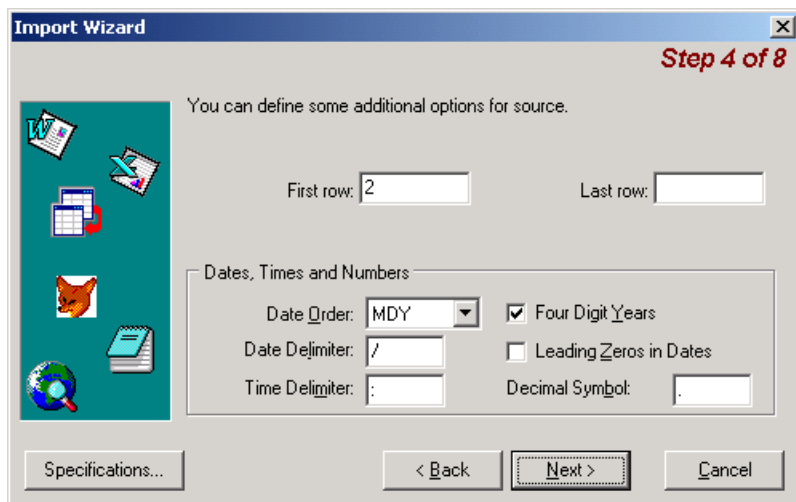
## Step 3 – Specify Delimiter



*Step 3 Select the type of delimiter*

If you have specified one of the text formats in Step 2 you will be required to specify how the data is delimited using this screen.

## Step 4 – Additional Options

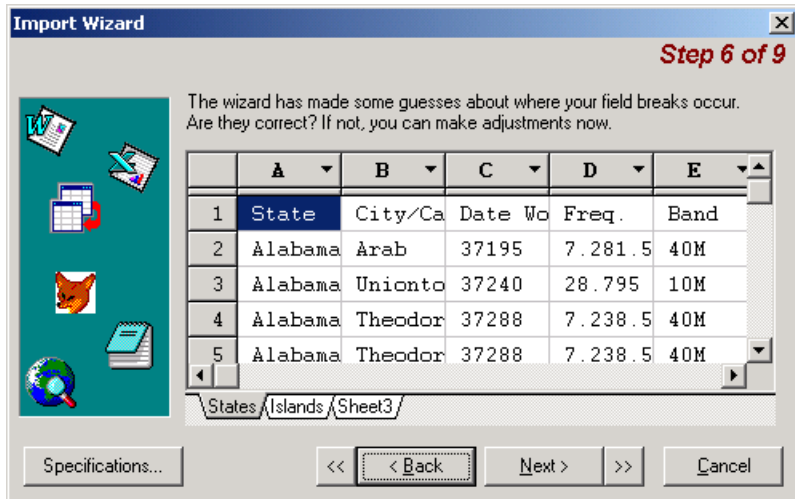


*Step 4 Specify additional options screen*

Depending on your type of data this screen can be used to set options for dates and other information. Usually accepting the defaults will work.



## Step 5 – Field Mapping

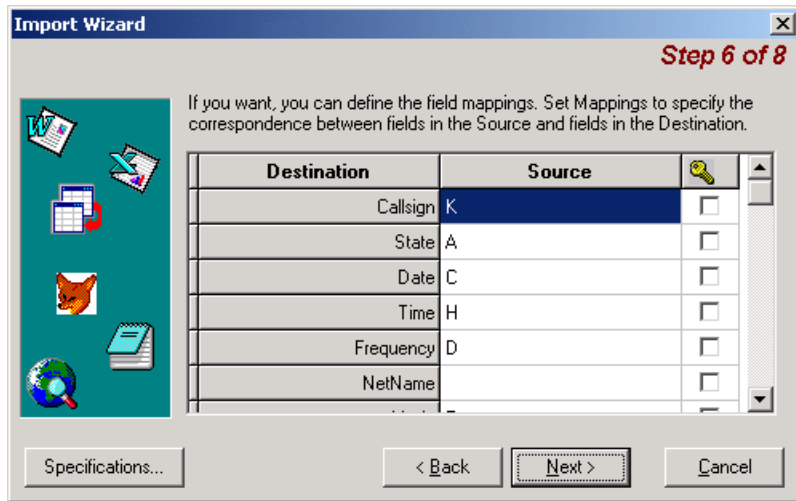


### Step 5 Field Mapping

The import wizard will attempt to make guesses mapping your data fields to the data fields in the Logger.

In the above example we are using a Excel spread sheet and the columns are marked with letters, A, B, C, etc. In the next step you will map these letters to actual fields in the Contact database.

## Step 6 – Field Assignment



Step 6 - Field assignment screen

Using the drop down box in the Source field match each field in your data to a field that corresponds to the Contact data base. At a minimum you should map the following fields:

**Callsign**

**State**

**Date**

**Time**

**Frequency**

**Mode**

**Band**

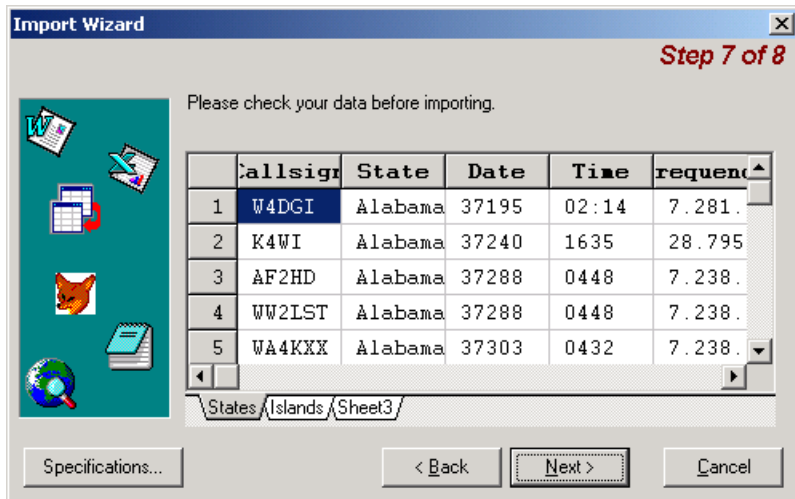
**His RST**

**My RST**

**Remarks**

If you have other fields that match the Logger fields you may map those as well. If you are unsure, please experiment. Remember if you do not like the conversion you can try, try again. One final note: The date and time fields are character fields so if you are importing MS-Excel you may need to convert the columns to character fields.

## Step 7 – Final Check

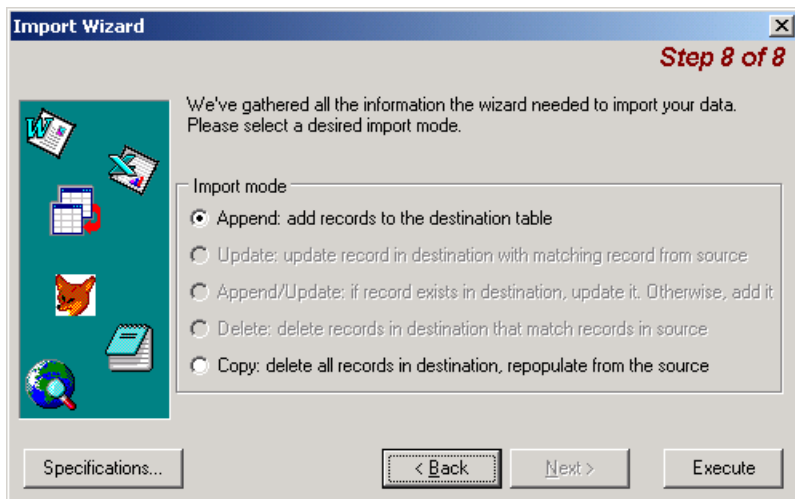


Step 7 & Final check Screen

This screen will show you how your fields are mapped to the Logger. If something is incorrect, press the **<Back>** button and make the correction.

Once you are satisfied, press the **<Next>** button.

## Step 8 - Import



Step 8 – Import Screen

If you are satisfied press the **<Execute>** button to start the import. You will see a progress bar displaying the results.