

LLJ Waybill Printing Util
Ver 1.1

What is LLJ Waybill Printing Util?

LLJ Waybill Printing Util is a simple program for printing Car Cards and Waybills to be used to create realistic operation with model railroads.

As it's a freestanding program, it does not need to have any other programs installed to work.

To make things easier, there are some nice functions that make the input fast and easy, and the typing is kept to a minimum, most of the input can be done by clicking.

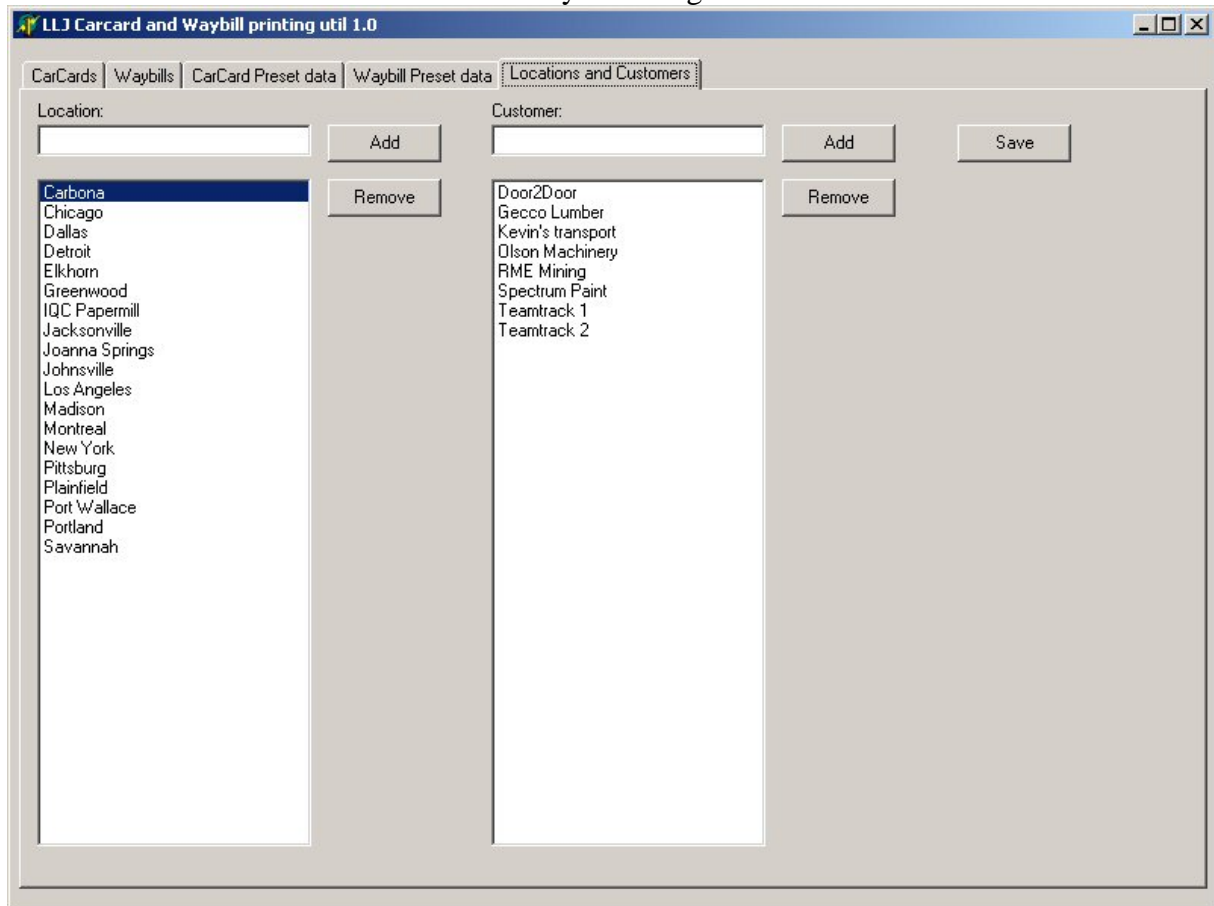
The program uses tab pages, which gives the user a good overview and makes it easy to select correct window.

Setup

Before the program can be used, some basic information is required to be entered. Most of the information is entered the first time the program is run, some is added when needed.

Locations and Customers

The Locations and Customers tab is where you manage the locations and customers.



Enter all locations and customers you will be using, both those on your layout and those “in the world outside”.

To add a location, do like this:

1. Enter the location name in the Location field.
2. Click the *Add* button right of the field.

To remove a location, do like this:

1. Select the location to remove in the location list.
2. Click the *Remove* button right of the location list.

To add a customer at a location, do like this:

1. Select the location in the Location list.
2. The customers at the location, if any, are listed in the Customer list.
3. Enter the name of the customer in the Customer field.
4. Click the *Add* button right of the Customer field

To remove a customer, do like this:

1. Select the location where the customer is located by selecting the location in the Location list.
2. The customers at the location are listed in the Customer list.
3. Select the customer to remove in the Customer list.
4. Click the *Remove* button right of the Customer list.

Please note that you have to click the *Save* button for any changes to be saved!

Waybill Presets

On the Waybill Preset data tab you manage information used when creating waybills.

The screenshot shows a software window titled "LLJ Carcard and Waybill printing util 1.0". It has five tabs: "CarCards", "Waybills", "CarCard Preset data", "Waybill Preset data" (which is selected), and "Locations and Customers". In the "Waybill Preset data" tab, there is a section labeled "Lading:" with a text input field. To the right of the input field are three buttons: "Add", "Save", and "Remove". Below the input field is a list box containing the following items: Beer, Boxes, Caustic soda, Cement, Chlorine, Coal, Coocies, Corn, Empty, Fertilizer, Flour, Fruit, Furniture, Grain, Hydrochloric acid, Kaolin, Loggs, Lumber, Machinery, Malt, Meat, Oil, Paint, Paper rolls, Pipes, Plastic granular, Plywood, Polypropylene Glycol, Potassium Hydroxide Sol., Pulpwood, Rebars, Scrap metal, Steel beams, and Steel plates.

To add a lading, do like this:

1. Enter the name of the load in the Lading field.
2. Click the *Add* button.

To remove a lading, do like this:

1. Select the lading to remove in the list.
2. Click the *Remove* button.

Please note that you have to click the *Save* button for any changes to be saved!

Car Card Presets

On the Car Card Preset data tab you manage information used when creating Car Cards.

LLJ Carcard and Waybill printing util 1.0

CarCards | Waybills | **CarCard Preset data** | Waybill Preset data | Locations and Customers

Railroad: Add Remove

Kind: Add Remove Save

Railroad list: ACFX, ADMX, AN, ATSF, B&O, BCIT, BN, BNSF, C&NW, C&O, CB&Q, CERX, CHTT, CHVX, CN, CNA, CNW, CP, CR, CSXT, DCLX, DRGW, DUPX, EJ&E, GATX, HCPX, LNP, LUNX, MGMX, MRL, NATX, NOPB, P&LE, PC

Kind list: Alldoor boxcar, Boxcar, Bulkhead flatcar, Centerbeam, Coilcar, Covered hopper, Cylindrical hopper, Doublestack, Flatcar, Gondola, Hopper, Pulpwood car, Reefer, Tankcar, Woodchip hopper

To add reporting marks for a railroad, do like this:

1. Enter the reporting marks in the Railroad field.
2. Click the *Add* button to the right of the list.

To remove a reporting mark, do like this:

1. Select the reporting mark to remove in the Railroad list.
2. Click the *Remove* button to the right of the list.

To add a car kind, do like this:

1. Enter the kind in the Kind field.
2. Click the *Add* button to the right of the list.

To remove a kind, do like this:

1. Select the kind to remove in the Kind list.
2. Click the *Remove* button to the right of the list.

Please note that you have to click the *Save* button for any changes to be saved!

Create Car Cards

This is the CarCards tab, and it's here where the CarCards are created.

The screenshot shows the 'LLJ Carcard and Waybill printing util 1.0' window. The 'CarCards' tab is active, displaying five identical sets of input fields for creating car cards. Each set includes fields for R.R.No., Kind, AAR, Desc, Return to 1, and Return to 2, along with 'Clear', 'Copy', and 'Paste' buttons. A 'Print' button is located at the bottom left.

The tab consists of 5 identical groups of fields, each containing information to create one car card. The buttons with ... will bring up a selection dialog for the field to the left of them. Let's start to create a carcard for a car by clicking the ... button for the R.R.No. field.

The screenshot shows the 'Railroad reporting marks' selection dialog. It features a list of reporting marks (ACFX, ADMX, AN, ATSF, B&O, BCIT, BN, BNSF, C&NW, C&O, CB&Q, CERX, CHTT, CHVX, CN, CNA, CNW/X, CP, CR, CSXT, DCLX, DRGW, DUPX, E&E, GATX, HCPX, LNP, LUNX, MGMX, MRL) and 'Select' and 'Cancel' buttons.

Select one of the reporting marks from the list and click the *Select* button. If the reporting marks for the car are missing in the list, click the *Cancel* button. Select the CarCard Preset tab, enter the missing reporting marks and save. Then select the CarCards tab again and click the *Select* button to restart the reporting mark selection.

After the reporting marks are selected, it's time to type in the car number after the reporting marks. That is done by just clicking at the end of the R.R No field and type in the number.

Then select what kind of car this is by clicking the ... button next to the Kind field and select from the list in the same way as with the reporting marks. If the kind of car not is listed, add it by select the CarCard Preset tab and add the Kind as previously described.

Then continue to fill in the other fields, or leave them blank.
Below is an example for an imaginary BNSF boxcar.

The screenshot shows the 'LLJ Carcard and Waybill printing util 1.0' window. It has five tabs: 'CarCards', 'Waybills', 'CarCard Preset data', 'Waybill Preset data', and 'Locations and Customers'. The 'CarCards' tab is selected. It contains three identical groups of input fields for carcard data. The first group is filled with the following information: R.R.No: BNSF 12345, Kind: Boxcar, AAR: XM, Desc: Green, weathered, Return to 1: (empty), and Return to 2: (empty). Below each group are 'Clear', 'Copy', and 'Paste' buttons. At the bottom of the window is a 'Print' button.

When the data for one carcard is entered, it's time to enter the data for the next one, if there is need for more cars.

Sometime you will want to create two or more very similar carcards, it could be just the car number that differs for example. Then the *Copy* and *Paste* buttons will be very handy. Enter the information for the first carcard. Then click the *Copy* button below that carcard information to copy the information to a kind of carcard clipboard. Then locate an empty carcard group, or first clear one by clicking the corresponding *Clear* button. Then click the *Paste* button for that carcard group, and the information we previously copied is pasted here. Then adjust the car number and any other information.

Below is an example of a copy and paste operation, were the car number then has been adjusted.

LLJ Carcard and Waybill printing util 1.0

CarCards | Waybills | CarCard Preset data | Waybill Preset data | Locations and Customers

R.R.No: BNSF 12345 ... Kind: Boxcar ... AAR: XM Desc: Green, weathered Return to 1: Return to 2: Clear Copy Paste

R.R.No: BNSF 12308 ... Kind: Boxcar ... AAR: XM Desc: Green, weathered Return to 1: Return to 2: Clear Copy Paste

R.R.No: Kind: AAR: Desc: Return to 1: Return to 2: Clear Copy Paste

R.R.No: Kind: AAR: Desc: Return to 1: Return to 2: Clear Copy Paste

Print

The copied information remains in the clipboard until new information is copied there, so if more than two like carcards is to be created, just continue to paste in another carcard group.

When all carcard groups to be filled in are done, load the printer with thicker paper than ordinary printer paper, as the carcard pockets work best if they are made of thicker paper. When the paper is loaded, click the *Print* button and the carcards are printed.

If you have more carcards to create, just click the *Clear* button for each carcard group and continue enter new information, or paste in information if more of the same info is to be used.

The carcards then needs to be cut out. Then fold the pocket and secure it with some tape.

Create Waybills

The Waybills tab contains 5 sub tabs, each sub tab holding information for one waybill.

LLJ Carcard and Waybill printing util 1.0

CarCards | **Waybills** | CarCard Preset data | Waybill Preset data | Locations and Customers

Waybill 1 | Waybill 2 | Waybill 3 | Waybill 4 | Waybill 5

Destination 1

Consignee:

Address:

Routing:

Via:

Shipper:

Address:

Lading:

Destination 2

Consignee:

Address:

Routing:

Via:

Shipper:

Address:

Lading:

Destination 3

Consignee:

Address:

Routing:

Via:

Shipper:

Address:

Lading:

Destination 4

Consignee:

Address:

Routing:

Via:

Shipper:

Address:

Lading:

Print | Copy to all | Clear this waybill | Save | Load | | | Previous | Next

Let's start to create a waybill.

Start to select Consignee for Destination 1 by clicking the ... button right of the field.

Location and Customer selection

Location:

- Carbona
- Chicago
- Dallas
- Detroit
- Elkhorn
- Greenwood
- IQC Papermill
- Jacksonville
- Joanna Springs
- Johnsville
- Los Angeles
- Madison
- Montreal
- New York
- Pittsburg
- Plainfield
- Port Wallace
- Portland
- Savannah

Customer:

- Door2Door
- Gecco Lumber
- Kevin's transport
- Olson Machinery
- RME Mining
- Spectrum Paint
- Teamtrack 1
- Teamtrack 2

Select

Cancel

From the Location list, select the location where the customer is located by clicking in the list. Then select the customer from the Customer list by clicking in the list. Then click the *Select* button.

The Consignee and Address fields are now filled with the information you selected. Continue to select information in the same way by clicking the ... buttons and select from the lists.

When Destination 1 is filled out, it's time to continue with Destination 2.

As the Shipper in the most cases will be the same as the previous Consignee, the C button is there to copy the previous Destination's Consignee fields to the Shipper fields.

LLJ Carcard and Waybill printing util 1.0

CarCards | Waybills | CarCard Preset data | Waybill Preset data | Locations and Customers

Waybill 1 | Waybill 2 | Waybill 3 | Waybill 4 | Waybill 5

Destination 1

Consignee: CC Powerplant ...

Address: Joanna Springs

Routing: ...

Via: ...

Shipper: Renalco Oil ... C

Address: Madison

Lading: Oil ...

Destination 2

Consignee: ...

Address: ...

Routing: ...

Via: ...

Shipper: CC Powerplant ... C

Address: Joanna Springs

Lading: ...

Destination 3

Consignee: ...

Address: ...

Routing: ...

Via: ...

Shipper: ... C

Address: ...

Lading: ...

Destination 4

Consignee: ...

Address: ...

Routing: ...

Via: ...

Shipper: ... C

Address: ...

Lading: ...

Print | Copy to all | Clear this waybill | Save | Load | Previous | Next

Then continue as with Destination 1 to fill in the rest of the fields.

And then continue with Destination 3 and 4 in the same way.

Not all waybills uses all 4 destinations, some only uses 2 or 3 destinations.

That depends how you want to send your cars.

When one waybill is done, select next sub tab and enter the information for the next waybill.

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CarCards | **Waybills** | CarCard Preset data | Waybill Preset data | Locations and Customers

Waybill 1 | Waybill 2 | Waybill 3 | Waybill 4 | Waybill 5

Destination 1		Destination 3	
Consignee:	CC Powerplant	Consignee:	Exxon Distribution
Address:	Joanna Springs	Address:	Chicago
Routing:		Routing:	
Via:		Via:	
Shipper:	Renalco Oil	Shipper:	Renalco Oil
Address:	Madison	Address:	Madison
Lading:	Oil	Lading:	Oil

Destination 2		Destination 4	
Consignee:	Renalco Oil	Consignee:	Renalco Oil
Address:	Madison	Address:	Madison
Routing:		Routing:	
Via:		Via:	
Shipper:	CC Powerplant	Shipper:	Exxon Distribution
Address:	Joanna Springs	Address:	Chicago
Lading:	Empty	Lading:	Empty

Print | Copy to all | Clear this waybill | Save | Load | Previous | Next

LLJ Carcard and Waybill printing util 1.0

CarCards | **Waybills** | CarCard Preset data | Waybill Preset data | Locations and Customers

Waybill 1 | Waybill 2 | Waybill 3 | Waybill 4 | Waybill 5

Destination 1		Destination 3	
Consignee:	Kevin's transport	Consignee:	Door2Door
Address:	Carbona	Address:	Joanna Springs
Routing:		Routing:	
Via:		Via:	
Shipper:	Teamtrack	Shipper:	Swanson tooling
Address:	Johnsville	Address:	Madison
Lading:	Boxes	Lading:	Boxes

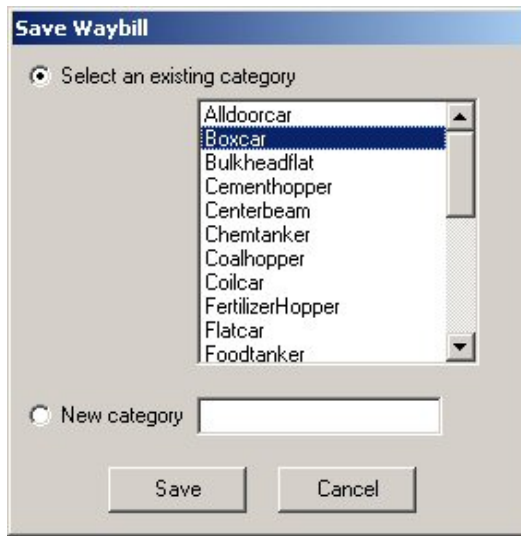
Destination 2		Destination 4	
Consignee:	Swanson tooling	Consignee:	Teamtrack
Address:	Madison	Address:	Jacksonville
Routing:		Routing:	
Via:		Via:	
Shipper:	Kevin's transport	Shipper:	Door2Door
Address:	Carbona	Address:	Joanna Springs
Lading:	Machinery	Lading:	Furniture

Print | Clear this waybill | Save | Load | Previous | Next

When all waybills are filled out, load the printer with standard printer paper.
Then click the *Print* button to print the waybills.

If you have more waybills to create, then clear or adjust the existing data and print again.

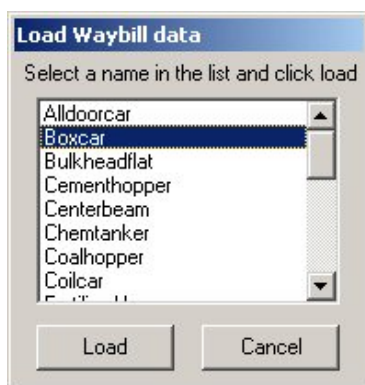
You will probably have more than one freight car that will do the same “route”.
To avoid to entering the same information twice, the data for a waybill can be saved to file to be loaded again later. To make it easier to keep track of waybills, they are saved into categories. You can name the categories almost anything, I use what kind of car the waybill are for. To save the current waybill to a category, click the *Save* button.



To save to a new category, click the New category and enter a new category name, else click an existing category name in the list.

Then click the *Save* button and the waybill information is added to the category.

To load a saved waybill to current waybill, click the *Load* button.



Select category from the list and click *Load*.

Please note that all data in the current waybill will be overwritten.

LLJ Carcard and Waybill printing util 1.0

CarCards | Waybills | CarCard Preset data | Waybill Preset data | Locations and Customers

Waybill 1 | Waybill 2 | Waybill 3 | Waybill 4 | Waybill 5

Destination 1		Destination 3	
Consignee:	Kevin's transport	Consignee:	Door2Door
Address:	Carbona	Address:	Joanna Springs
Routing:		Routing:	
Via:		Via:	
Shipper:	Teamtrack	Shipper:	Swanson tooling
Address:	Johnsville	Address:	Madison
Lading:	Boxes	Lading:	Boxes

Destination 2		Destination 4	
Consignee:	Swanson tooling	Consignee:	Teamtrack
Address:	Madison	Address:	Jacksonville
Routing:		Routing:	
Via:		Via:	
Shipper:	Kevin's transport	Shipper:	Door2Door
Address:	Carbona	Address:	Joanna Springs
Lading:	Machinery	Lading:	Furniture

Print | Clear this waybill | Save | Load | Boxcar.wb | 14 | Previous | Next

Then use the *Next* and *Previous* buttons to step thru the saved waybills in the loaded category until you find a waybill want to use. To make things easier there is an index number displayed, that is updated when stepping back and forth thru the loaded category.

If you want two or more of the same waybill from the loaded category, you first have to change sub tab, then step back and forth one time with the *Next* and *Previous* buttons, as the waybill on the selected sub tab not automatically will load the information from the loaded category index.