Legends on rails

Romantic Railroads
US Narrow Gauge Pack 1 – Porters

Romantic Railroads
US Narrow Gauge Pack 1 – Mogul

User Manual

Index

Overview of the items in this *Romantic Railroads* Add-On.

Surry Parker Log Loader

Sanding Tower

Coaling

Water Tower

Crew Car

Porter 0-4-0

Porter 0-4-2

Mogul 2-6-0

Overview 1

Overview 2

Mogul 2-6-0

Log Cars

Pond Unloader

Overview 3

Animated Saw Mill

Stake Cars
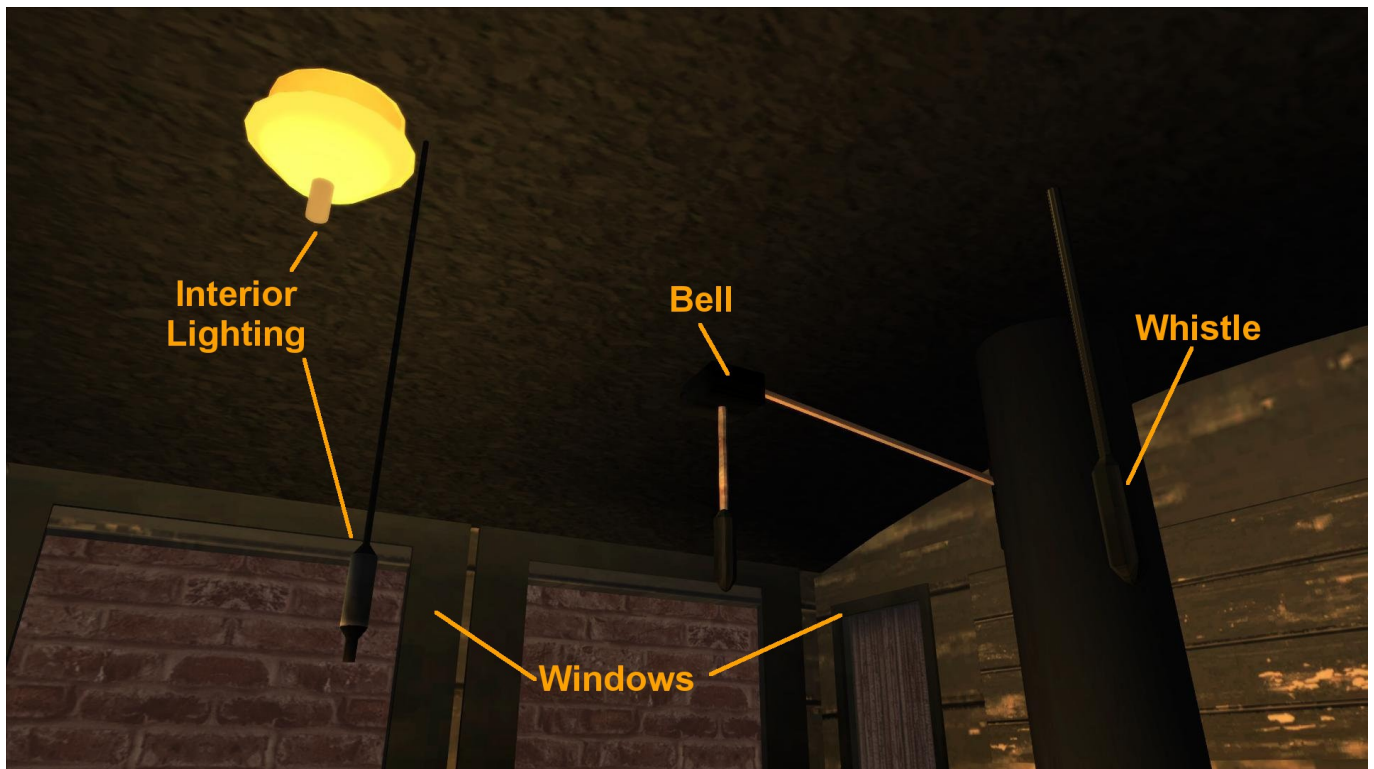
Porter 0-4-2

Lumber Loader
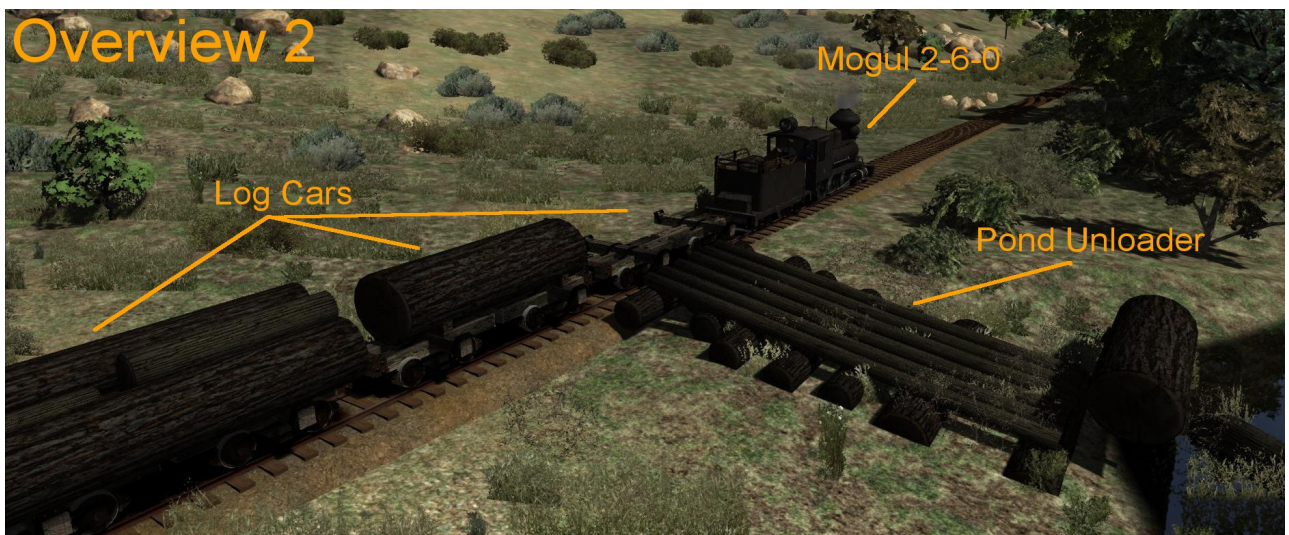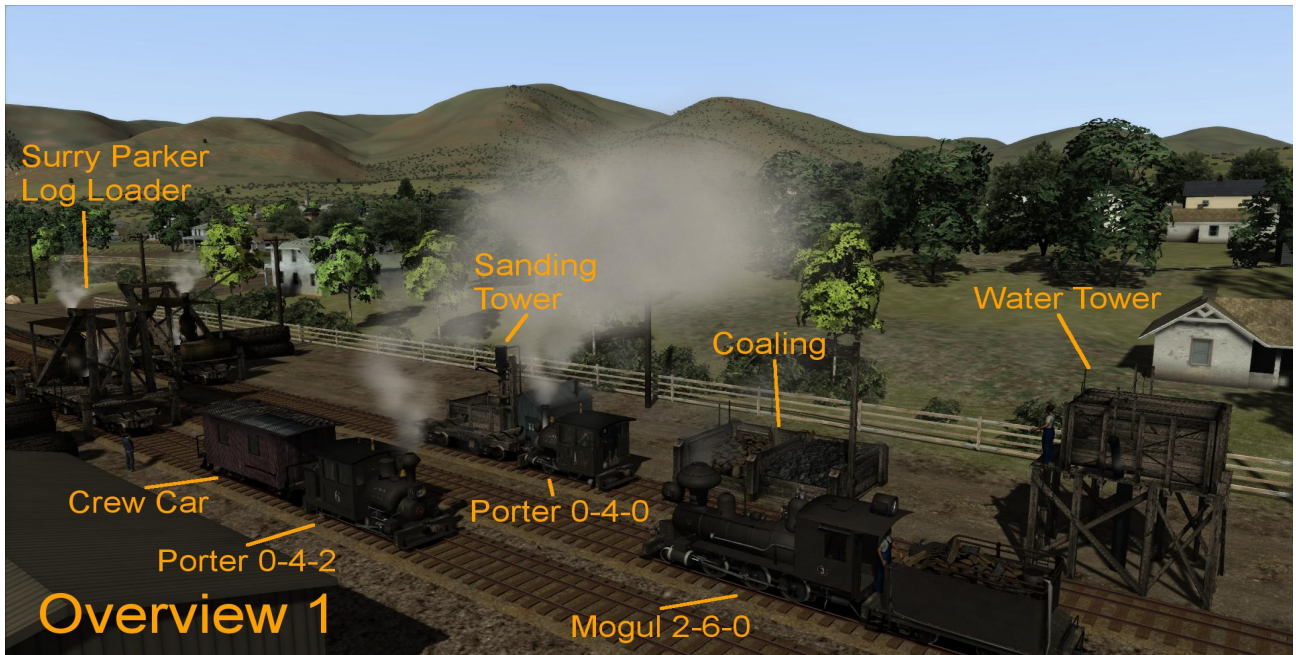
Included Engines:

Porter 0-4-2   **and**   **Porter 0-4-0**
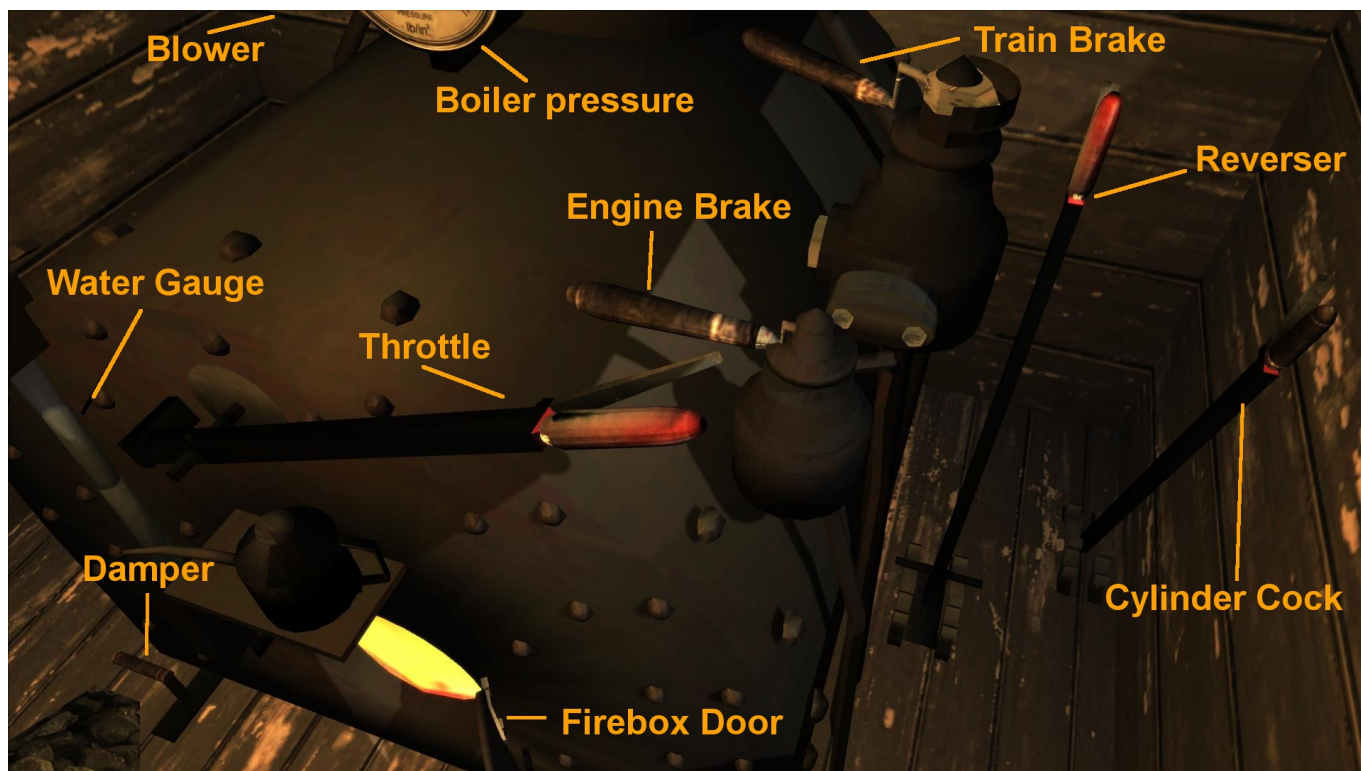

Argent Lumber Mogul #3   **2-6-0**   **"Swamp Rat"**

Cab Controls & Gauges 0-4-0 and 0-4-2 Porter

Blower

Boiler pressure

Train Brake

Reverser

Engine Brake

Water Gauge

Throttle

Cylinder Cock

Damper

Firebox Door
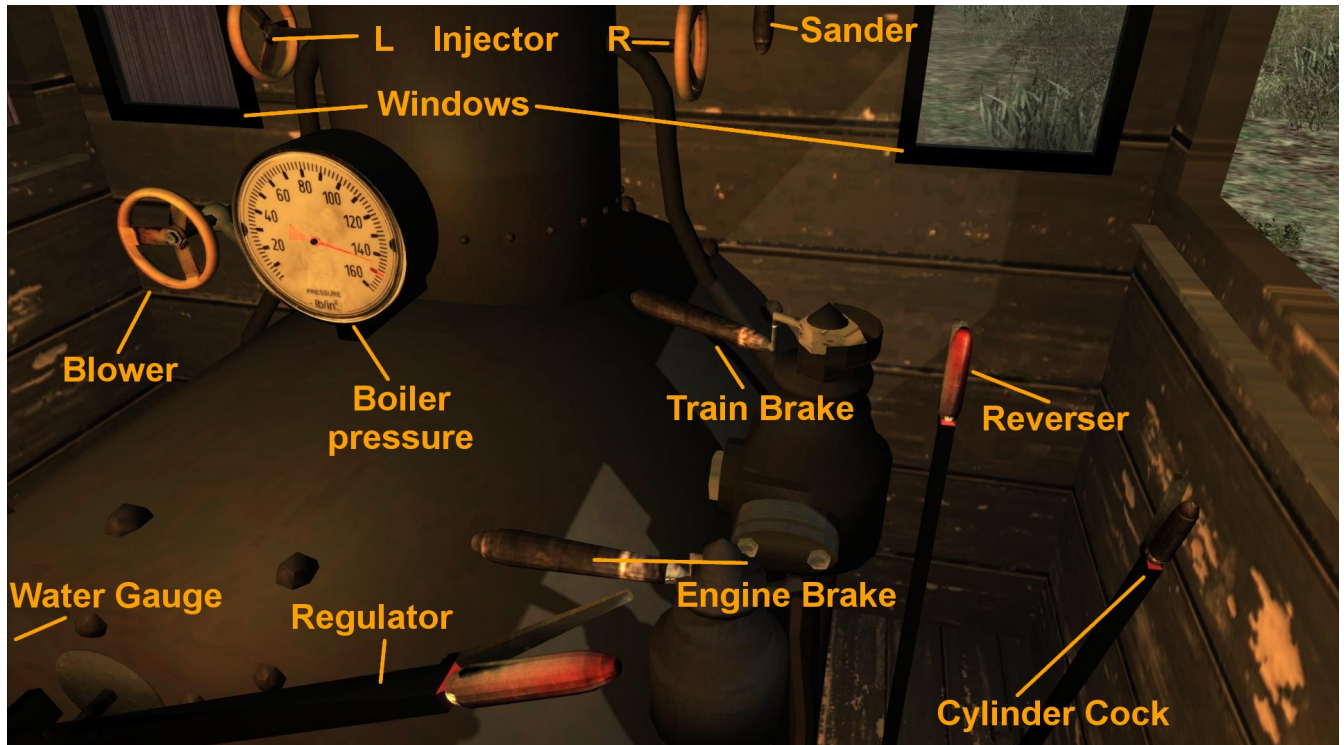
Cab Controls & Gauges 2-6-0 Mogul

Windows

Boiler pressure

Train Brake

L Injector R

Water Gauge

Throttle

Reverser

Firebox Door
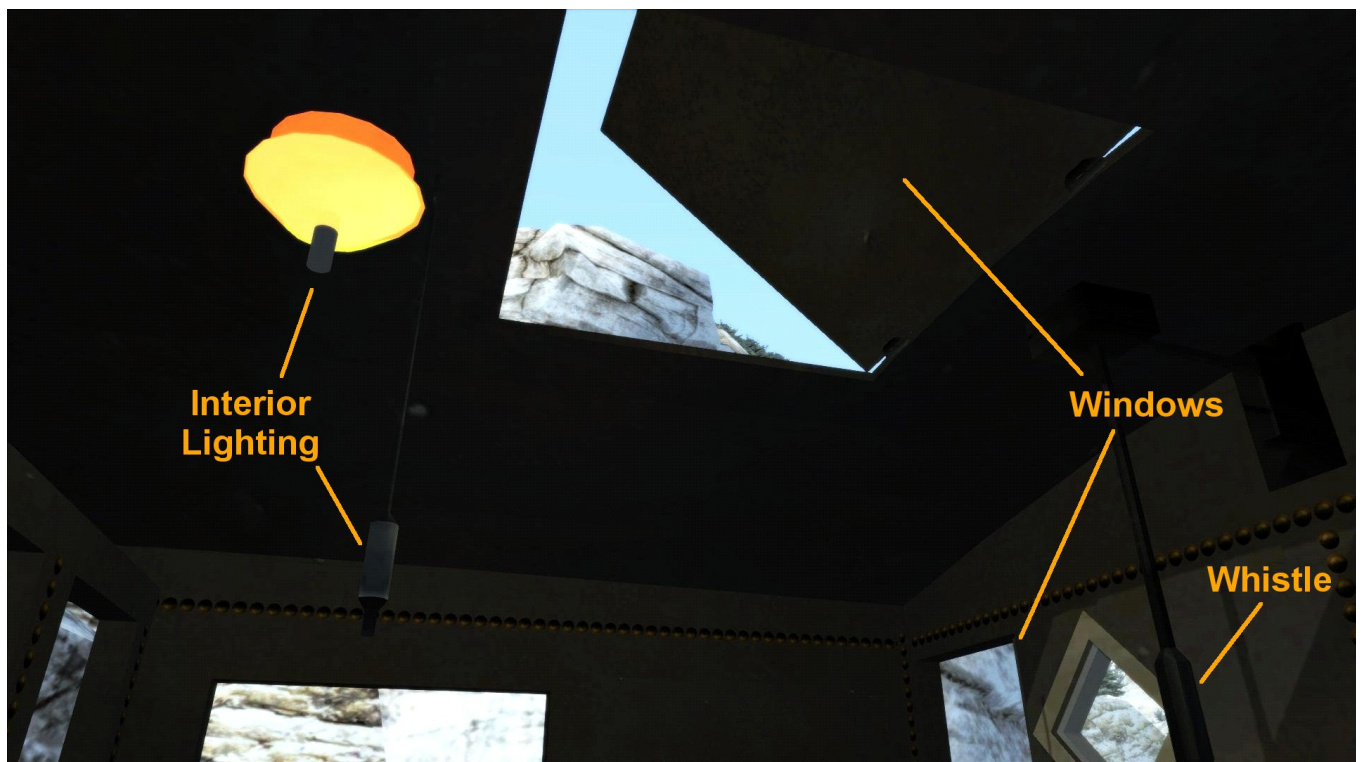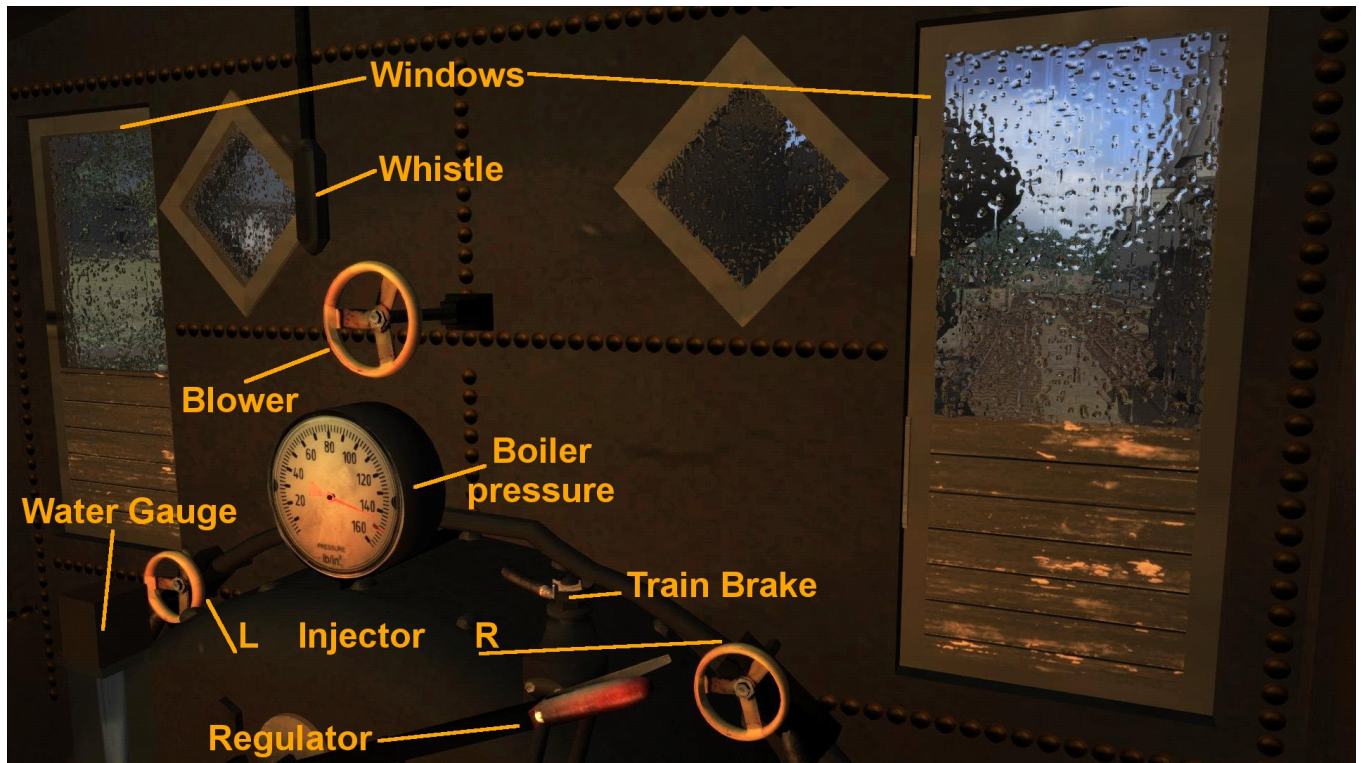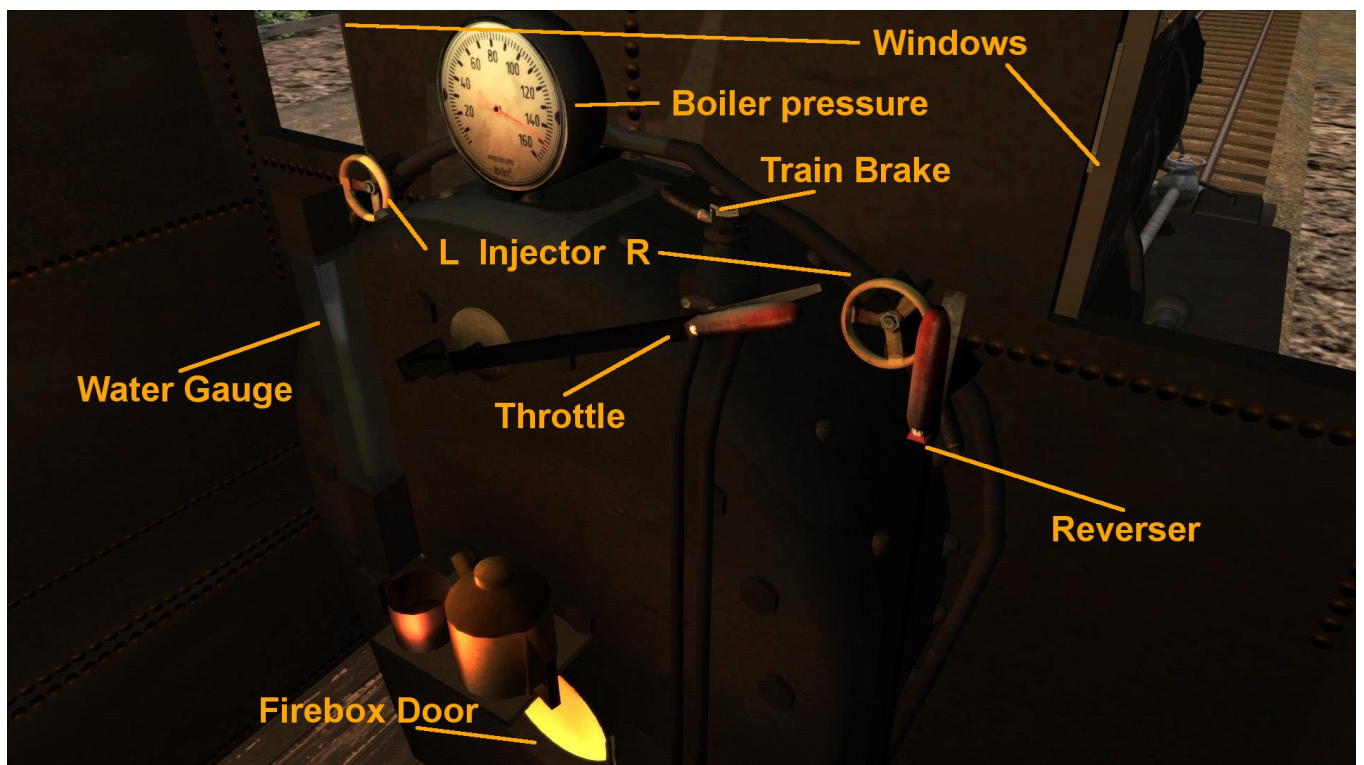
Key Assignments and Special Conditions:

Function	Key	Action	Remarks
Regulator	A	increase	faster
Regulator	D	decrease	slow down
Reverser	W	increase	In position 0 to 100 running forward
Reverser	S	decrease	In position 0 to -100 running in reverse
Light	H	turn on	1x H = front white / rear red → forward 2x H = front red / rear white → reverse
Light	Shift H	turn off	As above, but in reverse order
Firebox door	F	open	
Firebox door	Shift F	close	
Coal stoking rate	R	increase	
Coal stoking rate	Shift R	decrease	
Cylinder cocks	C	open/close	Only if Throttle is open
Maintenance-openings	Z	open/close	Open/Close water hatches and sand dome lids on the engine. Opens as well the Water hatch on the Tender.
Front and rear cab windows	V	open/close	Open/Close cab windows. It will open as well the Front Doors of the Crew Car.
Smoke box door	U	open/close	Open/Close the smoke box door on all engines.
Taking coal Taking water Taking sand	T	open	With this key you can fill the engines with coal, sand and water if she is near transfer points.
Sander	X	open/close	In external view the wheels' sanding can be seen.
Whistle	space		The length of the whistle sound depends on the duration of the key press.
Bell	B	on / off	
Blower	N	increase	
Blower	Shift N	decrease	
Ashpan damper	M	open	
Ashpan damper	Shift M	close	
Injector right (steam key)	O	open/close	Only the right injector will be activated. The water amount has to be set with key L/shift L.
Injector left (steam key)	I	open/close	Only the left injector will be activated. The water amount has to be set with key k/shift k.
Injector right (water key)	L	increase	

Injector right (water key)	**Shift L**	decrease	
Injector left (water key)	**K**	increase	
Injector left (water key)	**Shift K**	decrease	
Train brake	**´**	increase	
Train brake	**;**	decrease	
Loco brake	**[**	increase	
Loco brake	**]**	decrease	
Interior cab lights	**. Period**	on / off	

Additional Effects when Smoke box doors are opened or closed (Activation is valid for the entire Scenario):

Excessive Water:

Should the boiler be overfilled with water, water may enter the cylinders. This phenomenon can cause damage to the cylinders, since water can´t be compressed.

In the RomanticRR USNG1 Pack this behavior has been implemented by scripting.
It initiates emergency braking and the cylinder area is covered in steam:

This cylinder damage does not mean the end of the loco ride, just like in reality.
The real crew had to replace cylinder relief washers or repair other minor damage.

In the simulation, you must regain a healthy water level by steam usage which is tolerated for the ride (boiler fill below 1.23). Then the simulation assumes a successful repair and you can continue your ride.

Boiler Explosion:

It is unacceptable to drive a steam locomotive when the water level in the boiler is too low.
If the water level falls below the safety level and the locomotive is still moving, a (usually fatal) boiler explosion may happen.
The Scenario will end at this point.

In the RomanticRR USNG1 Pack simulation this boiler explosion looks like this after the emergency brake is applied:

With key "U" you can open the smoke box door or the stack cleaning hole caps of all engines to do more maintenance tasks.

Smoke Box Door Porters
Key "U"

Stack Cleaning Hole Caps - Mogul
Key "U"

When using key "U", the additional effects (see above) are activated.

In addition to the described engines, suitable freight wagons are included in this _Romantic Railroads_ pack.

Log Car Russel Wheel & Car Co. Pattern 20 (Loading functional):

Loading and Unloading possible when using the included assets (Surry Parker Loader - see further down for details).

Stake Car (Loading functional):

Loading and Unloading possible when using the included assets (Lumber Loader - see further down for details).

Crew Car (Front Doors open with key "V", Passenger View included):

Included in this USNG1 pack there is a functional Surry Parker Log (Un)Loader used as transfer point to fill the Log Cars with three different types of logs:

Additional functional assets are the Lumber (un)loading facility:

and the Pond unloading facility:

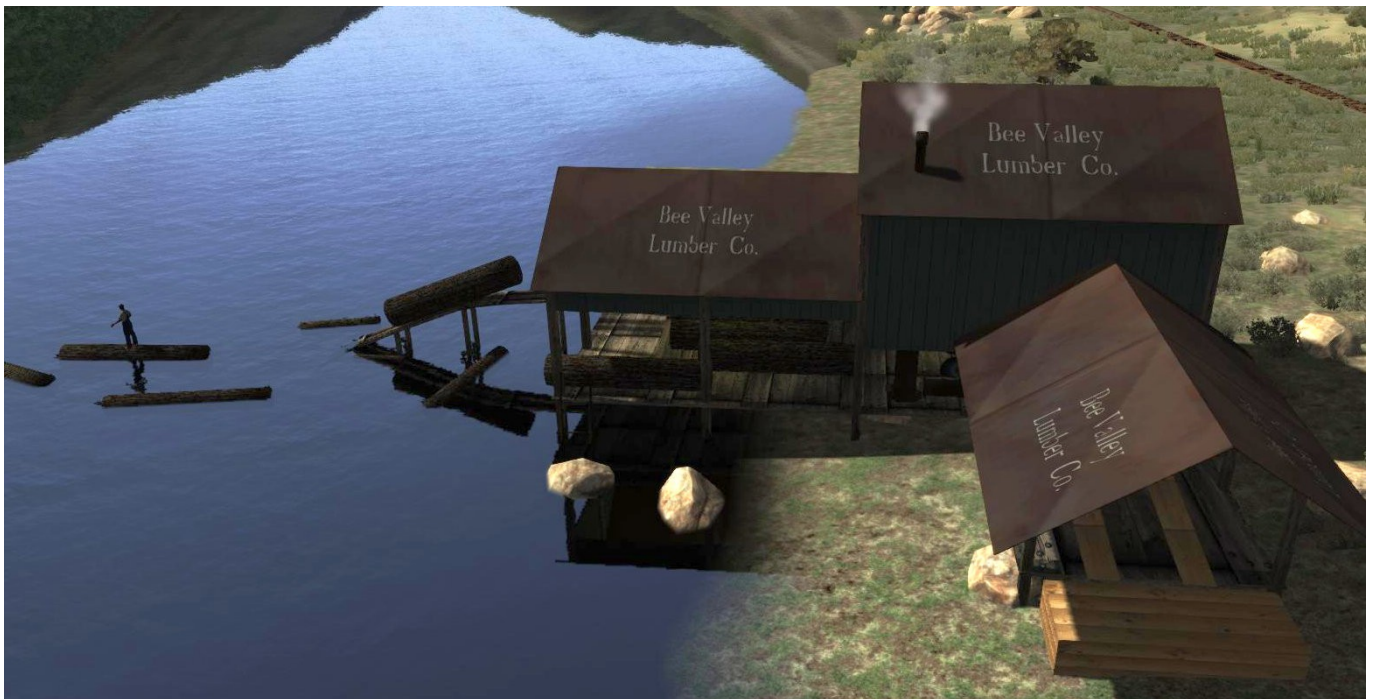**Additionally, there are fully functional and animated Maintenance Facilities for the engines included:**

Coaling

Sand Tower

Water Tower

Included is as well a fully animated Saw Mill

There are five Career Scenarios included in this **Romantic Railroads** Add-On pack.

Details of the USNG1 Scenarios:

Clear Creek Narrow Gauge - Route:

Career Scenarios:

[R01] Introduction to the Porter 0-4-0

FORM 19 — FORM 19

TRAIN ORDER No. **1**

Aug 8th 1950

To **Porter 0-4-0**   At **Georgetown**
Station

X _____ Opr.; _____ 'M

**Three Log Cars from Georgetown to Sawmill in Bee Valley.
Unload in Pond.
Empty train to St. George Mine Siding.**

Made **Complete**   time **10 AM** M.   **Martin** Opr.

FORM 19 — FORM 19

TRAIN ORDER No. **2**

Aug 8th 1950

To **Porter 0-4-2**   At **Georgetown** Station

X _____ Opr.; _____ M

Service engine Porter 0-4-2.

Take coal, sand and water.

Go to Warehouse Siding.

Made **Complete**   time **10 AM** M.   **Martin** Opr.

FORM 19		FORM 19

TRAIN ORDER No. **3**

July 9th₁₉ 50

To   AL Mogul #3   At   Golden
                                    Station

X _____ Opr.; _____ M

Argent Lumber Mogul #3.

Load logs on string of cars with Surry Parker loader and go to Smelter Siding.

Made Complete   time 3 PM M.   Mortimer Opr.

[R04] Last Lumber Train in the Evening

FORM 19 | FORM 19

TRAIN ORDER No. **4**

Sept 19th 1950

To _Porter 0-4-2_ | At _Golden_
Station

X _____ Opr.; _____ M

Porter 0-4-2.
Load lumber on stake cars
and go to Elk Creek Siding.
Unload there.
Lumber urgently needed for
different projects.

Made _Complete_ time _4 PM_ M. _Miller_ Opr.

FORM
19

FORM
19

TRAIN ORDER No. **5**

Nov 3rd 19 60

To **AL Mogul 2-6-0 #3** At **Forks Creek**

Station

X _____ Opr.; _____ 'M

AL Mogul 2-6-0 #3.
Load lumber on stake cars.
In Cotton Wood couple train
to waiting log cars.
Unload log cars in Smith Hill.
Go to Black Hawk.

Made **Complete** time **1:30 PM** M. **Parker** Opr.

Additionally, the engines and wagons can be used on any quick-drive enabled route already in different configurations according to your personal taste.
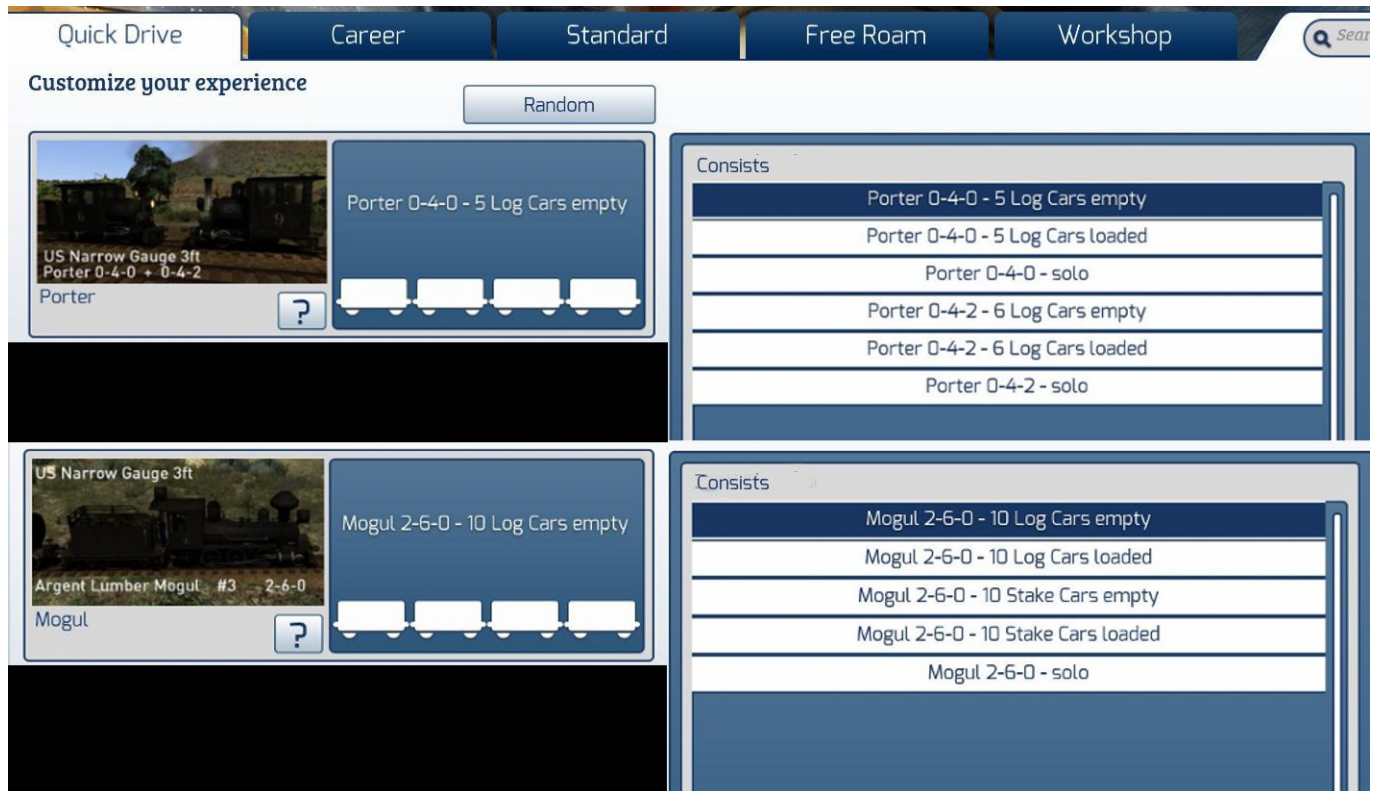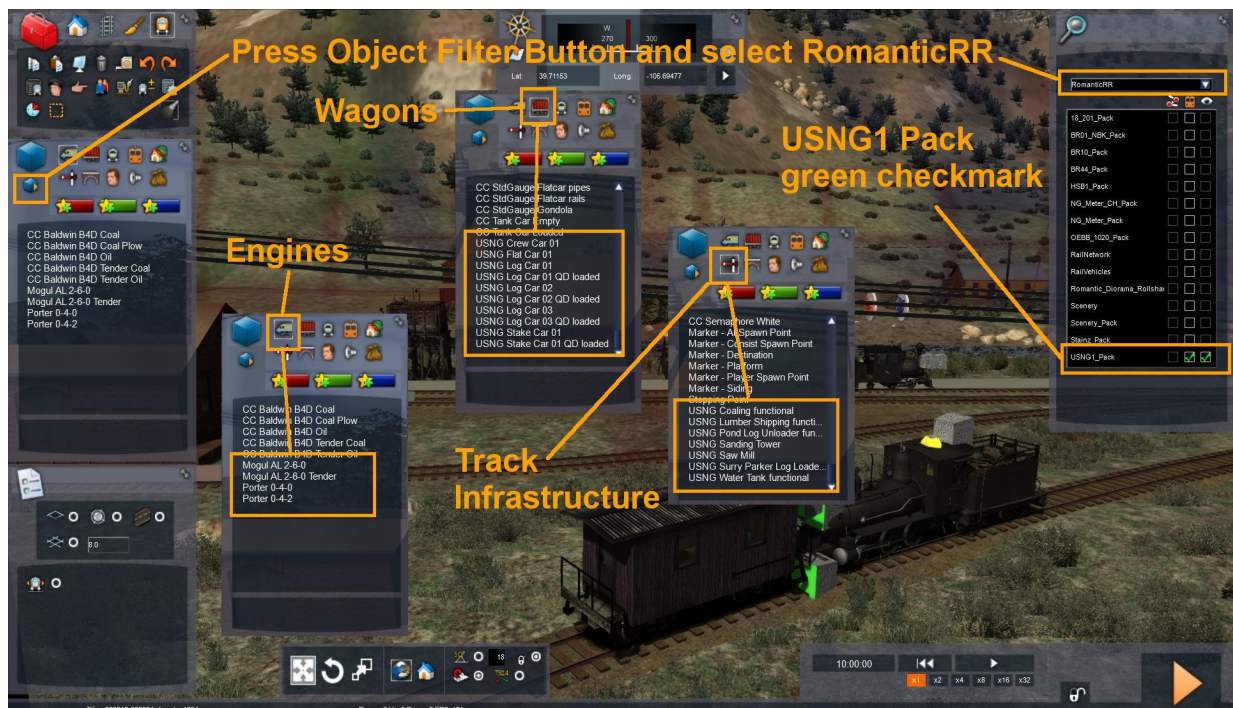

Create your own scenarios:

Object filter RomanticRR:
- USNG1 Pack, enable by green check mark.

All steam locomotives, the freight wagons and the functional assets are to be found under the icons: locomotives, wagons and track side infrastructure.

Now have a lot of fun using this *Romantic Railroads*

Add-On for Train Simulator 2016 "*Legends on rails*"

US Narrow Gauge Pack1

References:

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Acknowledgements:

Note:
Some pictures used are from the development phase and may differ from the final version.