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# 'THE CARDINAL' SCENARIO PACK FOR THE NEC ROUTE



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## Contents

The Cardinal .....	3
Copyright .....	4
Rolling Stock .....	4
Installing .....	5
Driving .....	5
Scenarios .....	6
The Cardinal #50 PHI-NYC Description .....	6
The Cardinal #50 AEM-7 PHI-NYC Description .....	6
The Cardinal #51 NYC-PHI Description .....	6
The Cardinal #51 AEM-7 NYC-PHI Description .....	7
The re-skins .....	8

### Credits

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Extra CREDITS:

Font for Chesapeake and Ohio re-skin; Pete Willard  
[www.railsimstuff.com](http://www.railsimstuff.com)

3d Models, and aliased sounds, etc: RailSimulator.com

CSX SD40-2 CSX YN3 repainting:

b737lvr: Base YN3 textures/CSX logos

ATSF3814: Trucks, under body and original file structure

MontanaRails: YN3 color correction, details, weathering,  
enhanced cab textures, and locomotive information.

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Genesis PD42DC #50 The Cardinal

## The Cardinal Scenario Pack for NEC

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### The Cardinal

The Cardinal is a congressionally mandated passenger train route operated by Amtrak, connecting New York Penn Station with Chicago Union Station three days a week via Philadelphia; Wilmington, Delaware; Washington, D.C.; Charlottesville, Virginia; Cincinnati, Ohio; and Indianapolis, Indiana.

The Cardinal #50 currently runs with a single General Electric P42DC engine, a Heritage fleet baggage car, a single Viewliner sleeping car, three (*sometimes four during peak travel periods*) Amfleet II long-distance coaches, and a single diner-lounge car. The train has also carried 'Private Rail Vehicles' (PV's) or 'Vintage Coaches' at the rear. For this scenario you have 2 PV's. The PV's in Northern Pacific Livery, and Chesapeake and Ohio colours are returning to the East Coast for 'National Train Day' after being used for charters to the Kentucky Derby the previous week in April 2010.

The P42DC Genesis unit is typically swapped out for the AEM-7 unit at Washington Union Station for the journey on to New York City's Penn Station. For this reason I have created two version of this scenario, one for the realists that allows you to drive The Cardinal with two AEM-7's heading the train and the other, the scenario for me, headed with Two genesis Units. I made the scenario to use the Genesis Units that I bought and subsequently learned that they are not always allowed into the Tunnels at NY Penn Station.

Inspiration for the scenario came from this blog: <http://railfunny.blogspot.co.uk/2010/05/2010-spring-vacation-part-2-amtrak.html>

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## Copyright

You are not permitted to redistribute this pack.

## Rolling Stock

You must own the following assets for this package to run;

RSC NEC Route  
RSC GP9 add on  
RSC BNSF Dash 9 Pack  
RSC SD70 Volume 2 Add-On  
SD40-2 HighNose Add-on  
RSC SW1500 Switcher Add-On

G-Trax Genesis GE P42DC  
G-Trax Lightweight Passenger Car 4-Pack

This pack and the included scenarios are for entertainment purposes only, any errors are my own and are artistic licence to enhance the scenarios only. The scenarios whilst based on real world Timetables for the Player Train, AI controlled trains are entirely fictitious and have been designed for entertainment, not for historical or real world reference.

# Installation

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## Installing

Use the TS2013 Package manager (Utilities; usually found here *Steam\steamapps\common\railworks*) to install the Scenarios for this pack.

### Reskins: NJT PD42DC-Amtrak Baggage & Sleeper Car-C&O Coach Car-NP Done Car-NS GP9

Unzip this package to a temporary folder, e.g. C:Temp and click on RW\_AssetSetup.exe inside the **The Cardinal** folder that unpacks, select **Install The Cardinal Reskin Pack.exe** the installer will open and should display the path of your Train Simulator 2012 folder. If not click on the '...' button and navigate to your Train Simulator 2012 folder in Steam. Click the 'Install to Train Simulator 2012' button and that will install the re-skin. There is no need to cross copy shape files as the installer will do that for you.

### SD40 and NJT Comet II Re-skins:

Use the TS2013 Package manager (Utilities; usually found here *Steam\steamapps\common\railworks*) to install the **NJT Coaches & CSX SD40-2.rwp** file for the locomotive and coaches. As both these units are default TS2012 stock, shape files are included so the TS2013 Package Manager is used to install the re-skins.

### Scenarios:

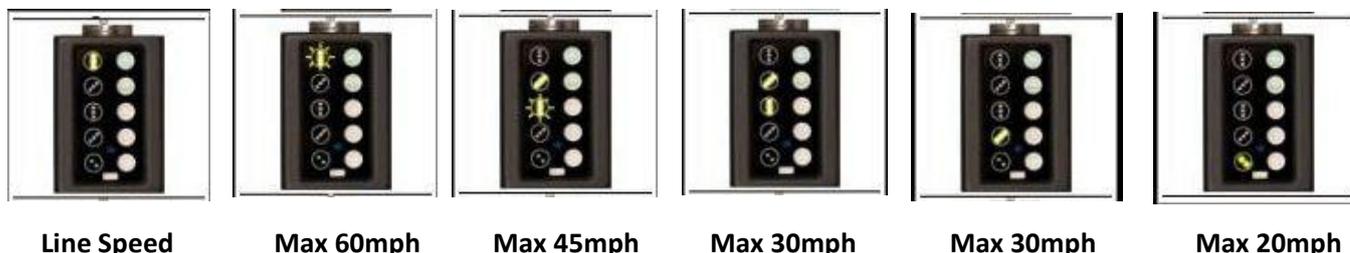
Use your TS2013 Package Manager to install the **The Cardinal 4.rwp** file to install the four Scenarios.

# Driving

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## Driving

Whilst driving *The Cardinal* Scenarios **for the best immersion** and to get the scenarios as I intended them, please drive paying particular attention to *The Aspect Display Unit* In Cab ADU. Below is a summary of the table based on NORAC rules. Keep an eye on the ADU in the cab and use this reference to keep to the speed limits for the scenarios.



# Scenarios

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## Scenarios

### **The Cardinal #50 PHI-NYC**

#### Description

'The Cardinal' is a congressionally mandated passenger train route operated by Amtrak. The Cardinal #50 currently runs with a single General Electric P42DC engine, a Heritage fleet baggage car, a single Viewliner sleeping car, three (sometimes four during peak travel periods) Amfleet II long-distance coaches, and a single diner-lounge car. You have 2 Private Coaches, The PV's in Northern Pacific, and Chesapeake and Ohio colours are returning to the East Coast for National Train Day.

#### Briefing

Approaching Philadelphia, you are due to Depart Philadelphia at 20:20hrs. Make your way to 30st Track 2 and pick-up passengers. Continue on with 'The Cardinal' where you are due in NYC Penn at 21:56hrs, calling at Trenton (20:53hrs) and Newark (21:35hrs) on the way. This is from the Actual Amtrak Timetable.

### **The Cardinal #50 AEM-7 PHI-NYC**

#### Description

This is the same scenario as above with the exception of the Players Locomotive. This has been swapped out to the more prototypical AEM-7 because of the Tunnel restrictions at NYC Penn Station. Typically The Cardinal will swap traction at Washington.

'The Cardinal' is a congressionally mandated passenger train route operated by Amtrak. The Cardinal #50 currently runs with a single General Electric P42DC engine, a Heritage fleet baggage car, a single Viewliner sleeping car, three (sometimes four during peak travel periods) Amfleet II long-distance coaches, and a single diner-lounge car. You have 2 Private Coaches, The PV's in Northern Pacific, and Chesapeake and Ohio colours are returning to the East Coast for National Train Day.

#### Briefing

Approaching Philadelphia, you are due to Depart Philadelphia at 20:20hrs. Make your way to 30st Track 2 and pick-up passengers. Continue on with 'The Cardinal' where you are due in NYC Penn at 21:56hrs, calling at Trenton (20:53hrs) and Newark (21:35hrs) on the way. This is from the Actual Amtrak Timetable.

### **The Cardinal #51 NYC-PHI**

#### Description

The Cardinal is a congressionally mandated passenger train route operated by Amtrak, connecting New York Penn Station with Chicago Union Station three days a week via Philadelphia; Wilmington, Delaware; Washington, D.C.; Charlottesville, Virginia; Cincinnati, Ohio; and Indianapolis, Indiana. Drive The Cardinal #51 from NYC Penn Station to Philadelphia 30th Street stopping as per the real world timetable at Newark Penn Station and Trenton on the way.

## Briefing

Drive The Cardinal on the NY Penn to Philadelphia leg of its 1,146 mile route. Pickup passengers at NYC Penn, Newark Penn, Trenton and Philadelphia 30th St where this scenario will end.

## The Cardinal #51 AEM-7 NYC-PHI

### Description

This is the same scenario as above with the exception of the Players Locomotive. This has been swapped out to the more prototypical AEM-7 because of the Tunnel restrictions at NYC Penn Station. Typically The Cardinal will swap traction at Washington.

The Cardinal is a congressionally mandated passenger train route operated by Amtrak, connecting New York Penn Station with Chicago Union Station three days a week via Philadelphia; Wilmington, Delaware; Washington, D.C.; Charlottesville, Virginia; Cincinnati, Ohio; and Indianapolis, Indiana. Drive The Cardinal #51 from NYC Penn Station to Philadelphia 30th Street stopping as per the real world timetable at Newark Penn Station and Trenton on the way.

## Briefing

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# The Re-skins

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## The re-skins

This scenario pack comes with a total of Twelve re-skins all of which are Included as a single package, so no asset hunting.

The list of items included is as follows:

1. **An Amtrak Sleeping Car** re-skinned from G-Trax Lightweight Passenger Car 4-Pack
2. **An Amtrak Baggage Car** re-skinned from G-Trax Lightweight Passenger Car 4-Pack
3. **The Northern Pacific Vista-Dome Lounge Car** re-skinned from G-Trax Lightweight Passenger Car 4-Pack
4. **The Chesapeake and Ohio Coach Car** re-skinned from G-Trax Lightweight Passenger Car 4-Pack
5. **All Four New Jersey Transit P42DC's**, Numbered Units 4800, 4801, 4802 & 4803 re-skinned from G-Trax GE P42DC Genesis Model
6. **New Jersey Transit Comet II Passenger Coaches (1st and 2nd Class)** re-skinned from default MK3 UK Coach stock.
7. **Norfolk Sothern GP9** re-skinned from RSC GP9 pack
8. **CSX SD40-2** re-skin by b737lvr: Base YN3 textures/CSX logos ATSF3814: Trucks, under body and original file structure MontanaRails: YN3 colour correction, details, weathering, enhanced cab textures, and locomotive information.

Extra CREDITS:

Font for Chesapeake and Ohio re-skin; Pete Willard [www.railsimstuff.com](http://www.railsimstuff.com)

3d Models, and aliased sounds, etc: RailSimulator.com

All Re-skins unless stated; from Marleyman; <http://www.railworks.marleyman.co.uk/store/>

Genesis GE P42DC Model and Lightweight Passenger Cars Models from G-TraX; <http://www.gtraxsims.com/>  
GP9 add on Model RSC

Thanks to anyone that helped by posting their comments in the threads on the Railworks America Forums;  
<http://railworksamerica.com/forum>





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## **v1.0 Release**

### *v1.0 Initial Release*

Known Issues;

Lights on the NJT Genesis cause the original Blue Texture to show through the Light Housing.

Paint Slip on One Side of Northern Pacific Dome Car.

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