

# Vintage Rails Europe 01

Semi-Fictitious Route with continental European atmosphere

Author: Jordi Hernández Perallón (JORDIHP)

Route's Version: 01

## The Route

Vintage Rails Europe 01 is a semi- fictitious route which reproduces two secondary railway lines of European style, with an atmosphere that is situated between the end of the twenties of the 20th century and the beginning of the fifties of that century.

It is therefore a time of transition between the classic steam railways and the beginning of the electrifications' expansion, especially on the mountain lines.



The route is semi-fictitious, because it reproduces approximately a half of the actual route of the extinct Olot - Girona Railway, between Montfullá - Bescanó and Amer (20 km of length). With the addition of a fictitious line that diverges on the station of Anglés, and enters in the mountain range of Montseny in its northern slope along the steep valley of Osor, finishing in the town of Sant Hilari Sacalm in full heart of Montseny.

All orography is the real one. And the fictitious line has had to adapt to it, just as it would have had to do if the line were real ... That is, an exciting work.





The extinct Olot - Girona railway, was a meter gauge line. But the present route is traced with the standard gauge of 1435mm, because in the year in which it was started there was no meter gauge rolling stock in the simulator.

Then, with the route very advanced, it was virtually impossible to later convert it to meter gauge, unless the route was started again virtually from the beginning.

Anyway, in this way you can also run on it a good part of the collection of locomotives, coaches and wagons of the simulator.

The fictitious line between Anglés and Sant Hilari Sacalm (22.7Km of length) is an authentic mountain route, with a continuous slope of 3.5% in almost its whole length.

For this reason it has been necessary to electrify all this line, because the traction of trains with steam locomotives (which was the original idea) is extremely difficult... but not impossible. And it requires locomotives equipped with very well calculated boiler and physics, and a good skill in its driving.





Along this fictitious line there are three coal mines (also fictitious), which will allow the development of coal-trains scenarios between the mines and a power plant located near the Bescanó station. This plant is also fictitious.



All the stations of the route corresponding to the main line of the Olot - Girona Railway have reproduced the track schemas of the actual stations. With the exception of the Bescanó and Anglés stations, that have been enlarged and equipped with locomotive depots, in order to create main line and shunting activities according to the general structure of the route.

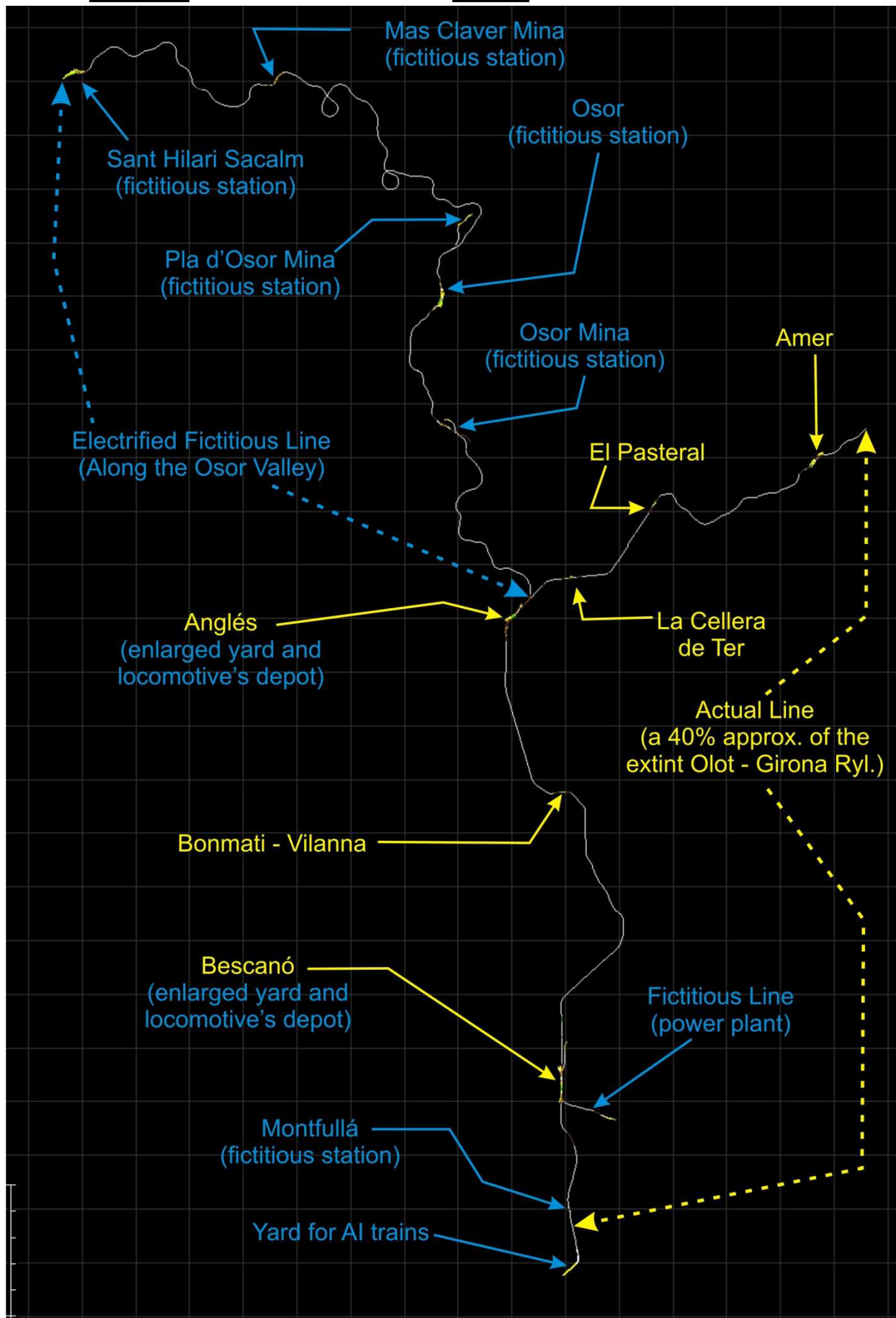




## Structure of the Route

The basic structure of the route, with the actual line and the fictitious line is the following:

**In Yellow:** Actual line and stations. **In Blue:** Fictitious line and stations.



## **Some observations for the exploitation and for the creation of scenarios.**

This route consists of two single track lines. Therefore, its design is more appropriate for an operation centred on the shunting activities and the driving in detail of a train (realizing from the beginning to the end a complete service of driver), that for the driving of a train in a varied traffic, which is what could happen in a two tracks line.

Therefore, an example of scenario and its structure could be:

- Start taking charge of a locomotive in the depot.
- Go with the isolated locomotive, to couple a train to its original station (i.e. a train loaded with coal at the mine). Perhaps doing some shunting movements to prepare it.
- Run with this train to the power station.
- Arrive at the power station and proceed (if it is the case) to the unloading of the coal, wagon by wagon.

Another scenario could be the reverse service, with the empty train to the mine.

The slopes, which are particularly strong in the case of the electrified line between Angles and Sant Hilari Sacalm, give to the train driving a special attraction, depending on the weight of the train mainly if you are driving a steam locomotive: There are times when driving a heavy ascending train with a double traction (locos at front and rear of the consist) that can be really exciting. In a similar way, when driving a loaded descending train, the difficulty of keeping the train controlled and not exceeding the maximum speed gives the driving a great difficulty and interest.

As the signalling system for a single track line is not sufficiently implemented in the simulator, the scenarios' creators should pay special attention to scheduling the AI trains in order to no have a conflict with the player's train.

This is a route that is not thought for frantic traffic but rather for a quiet exploitation, not only in terms of speed but also at the crossing times or during shunting.

This makes possible to take advantage of the rolling stock's characteristics..... obviously if it is well reproduced.

In another words: Take advantage of the sounds, the mechanisms, the particularities of the driving, the shunting activities, the driving in line, etc.

Both lines have maximum speeds of 60 km/h and 80 km/h.

In any case, it is more advantageous to run about 10 km/h or 15 km/h below these maximum speeds. Not only for the enjoyment of the landscape, but also because although these maximum speeds are suitable for not having derailments, slightly lower speeds give the train a more realistic feel.

This point must be taken into account by the creators of scenarios, for all trains.

The two lines of the route have regional characteristics (like branch lines) and are situated in a complex orography.

Therefore, when planning a scenario it is necessary be aware that the stations' tracks are not very long for crossings. Thus, the maximum length of trains, including the locomotive, must never be longer than 120m.

## Necessary Assets

Most of the necessary Assets for the route, are included in the four \*.7z files that are ready for download together with the present \*.zip of the route.

*Very Important! Unzip the \*.7z and \*.zip files in a way that there are created the several folders containing the assets and other files to be installed.*

*Thus, you can install the assets in their respective places in the Assets folder of the Simulator. Also you must be aware that all the present assets corresponding to its most recent version at the time of the route publication (April of 2017).*

Besides these assets, there are others that are necessary for the route, and that should to be downloaded separately.

These Assets are:

- 3DTrains (registration required - registration is free):
  - *Rural Landscape Freeware Edition*:  
<http://www.3dtrains.com/forums/index.php/topic/15573-rural-landscapes-freeware-edition/>
  - *World Landscapes Freeware Edition y World Landscapes Update* (two downloads):  
<http://www.3dtrains.com/forums/index.php/topic/17994-world-landscapes-freeware-edition/>
  - *ScaleRoad Freeware Edition*: <http://www.3dtrains.com/forums/index.php/topic/15933-scaleroad-freeware-edition/>

- European Loco & Asset Pack and US Loco & Asset Pack (RSC payware):

These packs come from Rail Simulator, and now they are sold on Steam in the form of payware packs:

<http://store.steampowered.com/app/208300/>

<http://store.steampowered.com/app/208306/>

However, they are also included on the following routes:

For the European Community Assets Pack:

- *GARL*
- ***West Coast Mainline North***
- ***Ohio Steel 2***
- *Woodhead Line*
- ***Cologne-Dusseldorf***
- *Doncaster Works*
- *Falmouth Branch*
- *Class 111 Pack*
- ***Portland Terminal***
- *Edinburgh - Glasgow*
- ***Portsmouth Direct Line***
- ***Bristol to Exeter***
- *Great Western Main Line*
- *Hatchet Hill Quarry*
- *Somerset and Dorset Joint Railway*
- *East Coast Main Line*
- *Ruhr-Sieg*
- ***Rascal and Cottonwood***
- ***Colton and Northern***
- ***Fort Kent to Eagle Lake***

For the US Community Assets Pack:

- *Cajon Pass*
- ***West Coast Mainline North***
- ***Ohio Steel 2***
- ***Cologne Dusseldorf***
- ***Portland Terminal***
- ***Portsmouth Direct Line***
- ***Bristol to Exeter***
- *Northeast Corridor*
- ***Rascal and Cottonwood***
- ***Colton and Northern***
- ***Fort Kent to Eagle Lake***

The routes shown in **bold** include both packs.

- APStation (ex RSC freeware pack):

This decoration assets pack was originally freeware and downloadable on Steam. Currently it is no longer available, but it is included on the following routes:

- *Falmouth Branch*
- *Doncaster Works*
- *Woodhead*
- *Western Lines Of Scotland*
- *Settle & Carlisle*
- *Portsmouth Direct*
- *North East Corridor*

- Foliage Pack 01:

Currently it is no longer available for download.

Probably, it is included in the packs European and US Assets Packs above cited.

It is also included on the following routes:

- *WCML North*
- *Portsmouth Direct Line*
- *Bristol to Exeter*
- *Northeast Corridor*
- *Donner Pass*
- *Cologne Dusseldorf*
- *Great Western Main Line*
- *Somerset & Dorset*
- *East Coast Main Line*
- *Ruhr Siegen*
- *Cajon Pass*
- *Western Lines Of Scotland*

## Acknowledgements

The author of this route wishes to sincerely thanks to the creators listed below in alphabetical order by the add-ons of all types created by them and used on this route and their scenarios.

And especially the author wishes to thank to the creators his generosity to put these add-ons available for the fans in general and the creators of routes in particular.

Without them it would not be possible to create an only one route for the fans of this simulator.

### CREATORS

<ul style="list-style-type: none"><li>- 3DTrains (Marc Nelson).</li><li>- Aln668 GTT.</li><li>- Belete65.</li><li>- Blas_dani.</li><li>- Brill.</li><li>- Carthago.</li><li>- Decapod.</li><li>- Dominique.</li><li>- Duarn.</li><li>- ELBRUSCO.</li><li>- Enfer.</li><li>- Eyore.</li><li>- Fildefer.</li><li>- Geluc.</li><li>- GreatNothener.</li><li>- GRUPO_STR (Cajoa - Blackie – Jjlor – LBA - Luimi).</li><li>- GSi.</li><li>- HCO.</li><li>- ice.</li><li>- idefix.</li><li>- Javierfl.</li><li>- JeffLaif.</li><li>- John Lippai.</li><li>- Josef72.</li><li>- Jpetersjr.</li><li>- Julien416.</li><li>- Karma99.</li><li>- KenLong.</li><li>- Christian Novak</li><li>- LBA.</li></ul>	<ul style="list-style-type: none"><li>- moom.</li><li>- Mundo.</li><li>- newS.</li><li>- Nobkins.</li><li>- paweribs.</li><li>- Pedro.</li><li>- Pere.</li><li>- Peter Ellis.</li><li>- PierreG.</li><li>- pikku.</li><li>- Pml3.</li><li>- Radiomaster.</li><li>- railx.</li><li>- RHam.</li><li>- rivimey.</li><li>- Roman72.</li><li>- Roro45.</li><li>- RS_Spain.</li><li>- RSItalia.</li><li>- Claudio Mussa.</li><li>- SAD.</li><li>- SyNcRoNiCzZ.</li><li>- Suso.</li><li>- Terlor.</li><li>- Tiziano Baldo.</li><li>- TrainsimIG.</li><li>- valdecunasSTR.</li><li>- Vlastik.</li><li>- Wilburton.</li><li>- Wisbis.</li><li>- WOP.</li><li>- Xartix.</li></ul>
---	---

Special thanks are wish to the following creators, who have made some of his pieces especially for this route:

- Blas\_dani: Stations' Panels.
- Pere: Stations' Panels.
- Roro45: Hispanic Level Crossings.



## Scenarios that are included in the route

### - "Free Roam" Scenarios

The route is equipped with a "Free Roam" scenario, which is repeated with two different types of weather (variable weather and sunny weather).

*The rolling stock and locomotives for Free Roam scenarios are included in the below **List 1**.*

### - "Quick Driver" Scenarios

The route is provided with 16 Quick Driver scenarios, of two different types:

#### ▪ Classic Quick Driver Scenarios.

They can be run by a pre-established consists of any "preload" of the simulator, like it is usual in it.

These classic scenarios may also include, in some cases, shunting activities along and at the end of the journey.

*See description and descriptive abbreviations for each scenario at the end of the present instructions.*

#### ▪ Quick Driver Scenarios with Shunting.

These scenarios start with an alone locomotive (or a double traction of locomotives), which must be coupled at the beginning of the scenario to a specific consist, which is already included in the scenario.

In some scenarios, there are also shunting activities along the journey.

And in virtually all scenarios the locomotive/s should be uncoupled when arriving at the destination.

*See description and descriptive abbreviations for each scenario at the end of the present instructions.*

*According to the route's atmosphere, some of the locomotives that may be more appropriate for Quick Driver with Shunting scenarios are recommended in **List 2**.*

*The rolling stock for all Quick Driver scenarios of both types is the same that for the Free Roam scenarios, and it is included in **List 1**.*

The two lines of the route are single track equipped. Then, it is virtually impossible to plan AI trains in this type of Quick Driver scenarios, so all the placed rolling stock in the quick drivers is static.

However, some wagons along the route can be coupled when shunting in some scenarios.

Each one of the Quick Driver scenarios with Shunting also contain one consist that will be destined to be pulled during the scenario.

*The shunting activities that can be performed on a Quick Driver scenario are very simple, because in fact such scenarios are not intended to include shunting movements. They must always be carried out scrupulously following the instructions of each scenario, which can be found in the last pages of this document.*

## **List 1 – Rolling stock required for the "Free Roam" and "Quick Driver" scenarios.**

The route is designed with a European atmosphere, so the European rolling stock is the appropriate to run within it.

However, due to the vintage atmosphere, not all rolling stock of the simulator is the appropriate. Then, according to it, bellow is detailed this stock (passenger coaches and goods wagons, and also three locomotives for the "Free Roam") which is used because it coincides with the epoch of the route's atmosphere.

In the present List 1, you can found the rolling stock for all types of scenarios ("free roam", "quick driver classics" and "quick driver with shunting").

This stock is intended for consists that will be part of the atmosphere at stations and branch lines. And also to form consists that will run in "free roam" and "quick driver with shunting".

- British 2-8-0 steam tender locomotive 7F series (included in the European Community Assets Pack?).

- Czech rolling stock by "pikku", to be downloaded from the page:

<https://pikku.msts.cz/railsim.html>

On this page, you have to download the following models:

- Elektrická lokomotiva ČSD E465.0
- Elektrická lokomotiva ČSD E424.0
- ČSD vagony Ce
- ČSD vagon Dsd
- ČSD vagon F5-5078
- ČSD vagon Rj
- ČSD vagon Vsr
- ČSD vagon Zsr
- ČSD vagon Ztrc
- ČSD vagon Vtdr
- ČSD vagon Vtr
- ČD vagon Da-k

- French coaches and wagons to be downloaded from the following pages:

- Wagons à deux essieux by Julien: <http://www.railsim-fr.com/forum/index.php?app=downloads&showfile=10>
- Wagons Bi-Foudres UCS by pml3: <http://www.railsim-fr.com/forum/index.php?app=downloads&showfile=192>
- Wagons plats O.C.E.M. by pml3: <http://www.railsim-fr.com/forum/index.php?app=downloads&showfile=604>
- Feux arrière pour trains de marchandises by Geluc: <http://www.railsim-fr.com/forum/index.php?app=downloads&showfile=767>
- Grue Bondi by pml3: <http://www.railsim-fr.com/forum/index.php?app=downloads&showfile=846>

- Coaches and wagons by PierreG: Models to be downloaded from the "Materiels" section of the page: <http://ajrailsim.free.fr/>
  - *Fourgons marchandises M OCEM*
  - *Fourgon à bagages 2 essieux OCEM 29*
  - *Tombereau 2 essieux OCEM*
  - *Wagon plat 2 essieux type Ks*
  - *B6t SNCF ex PO-Midi*
- German coaches and wagons to be downloaded from the following pages:
  - Four wheels coaches *BCL Bay05 / LPw Bay05 wagons v.v1.0* by moom and newS: <http://rail-sim.de/forum/wsif/index.php/Entry/1125-BCL-Bay05-LPw-Bay05-wagons-v-v1-0/>
  - Bogie coaches *DB Umbauwagen 4yg v.1.0* by Heiko Müller: <http://rail-sim.de/forum/wsif/index.php/Entry/1114-DB-Umbauwagen-4yg-Freeware-Version-v-1-0/#files>
  - Four wheels wagons *DB Kbs 443 Rungenwagen Baumstämme Beladung* by SyNcRoNiGzZ: <http://rail-sim.de/forum/wsif/index.php/Entry/2228-DB-Kbs-443-Rungenwagen-Rohrbeladung/>
  - Four wheels wagons *Güterwagen DRG PStB Pack 01 v.1* by Christian Novak: <http://rail-sim.de/forum/wsif/index.php/Entry/1062-G%C3%BCterwagen-DRG-PStB-Pack-01-v-1/>
- Dutch wagons to be downloaded on page: [http://hcc-trainsimig.nl/site/index.php?option=com\\_docman&task=cat\\_view&gid=84&Itemid=107&limitstart=20](http://hcc-trainsimig.nl/site/index.php?option=com_docman&task=cat_view&gid=84&Itemid=107&limitstart=20)  
 From this page you have to download the file: *WG Goederenwagens tijdperk II en III*

## **List 2 - Locomotives for "Quick Driver with Shunting".**

This list includes the locomotives that are considered most suitable for the atmosphere of the route and the rolling stock of the List 1.

Obviously, the possession or not of these locomotives depends on each user.

Observations:

Together with the route, will be installed a series of preloads that have been prepared for these locomotives (isolated and in double traction) so that they can be used in the "Quick Drivers with Shunting", for the users who own them.

The preloads are indicated as follows:

Preload of alone locomotive: **Name of the locomotive (X1).**

Preload of locomotives in double traction (DT): **Name of the locomotive (X2).**

Any other preload of an alone locomotive can be used on the route. But the electric locomotives obviously only can be used on the electrified part of the route.

The type of locomotive that corresponds to the epoch, in which the route is defined, will obviously depend on the criterion of the user.

Referring to steam locomotives: The most recommended types of them, according to the characteristics of the lines, are the types of the tank locomotives and the light or medium tender locomotives.



- French locomotives:
  - Locomotive à vapeur 141TC v1.2 by pml3: <http://www.railsim-fr.com/forum/index.php?app=downloads&showfile=836>
  - Locomotive à vapeur 141TA by PierreG: Model to be downloaded from the "Materiels" section of the page: <http://ajrailsim.free.fr/>
  - Locomotives électriques BB4200 et BB4700 v1.5 by Julien: <http://www.railsim-fr.com/forum/index.php?app=downloads&showfile=178>
  - Fourgons automoteurs électriques Z4200 de PierreG: Models to be downloaded from the "Materiels" section of the page: <http://ajrailsim.free.fr/>
- German Locomotives:
  - BR86 steam locomotive (payware). It can be purchased at the Steam store: <http://store.steampowered.com/app/325971/>
  - Romantic Railroads BR95 (payware) locomotive: It can be purchased on the page of Just Trains: <https://www.justtrains.net/product/romantic-railroads-br95>
  - Romantic Railroads E94 (payware) electric locomotive. It can be purchased on the Halycon Media page: <https://www.halycon.de/produkte/bahnsimulationen/romantic-railroads-vol-1---e94---addon-fuer-railworks-3/300.html>
- British Locomotives:
  - LMS 3F "Jinty" steam locomotive (payware). It can be purchased at the Steam store: <http://store.steampowered.com/app/222575/>
  - LMS 2F steam locomotive "Dock Tank" (payware). It can be purchased at the Steam store: <http://store.steampowered.com/app/277735/>
  - Class J94 Steam Locomotive (payware). It can be purchased at the Steam store: <http://store.steampowered.com/app/208293/>
  - BR Standard Class 2MT steam locomotive (payware). It can be purchased at the Steam store: <http://store.steampowered.com/app/222556/>
  - GWR Small Prairies Steam Locomotive (payware). It can be purchased at the Steam store: <http://store.steampowered.com/app/277753/>
  - Stanier Mogul Steam Locomotive. Model to be downloaded from the "Free Steam Locomotive and Rolling Stock" page of Steam Sound Supreme: <http://www.steamsoundssupreme.com/free-steam-loco-rolling-stock-packs.html>

- Austrian Locomotives:
  - Electric locomotive OeBB 1189 "Kroccodil" (payware) from Eisenbahnwerk. It can be purchased on the Virtual Railroads page:  
<http://www.virtual-railroads.de/partner-programm-products/eisenbahnwerk-oebb-1189-krokodil.html>  
Or on the Just Trains page: <https://www.justtrains.net/product/virtual-railroads-oebb-1189-crocodile>  
Or on the Aerosoft page:  
[http://en.shop.aerosoft.com/eshop.php?action=article\\_detail&s\\_supplier\\_id=11706&s\\_design=bahn&shopfilter\\_category=Train%20Simulation&s\\_language=english](http://en.shop.aerosoft.com/eshop.php?action=article_detail&s_supplier_id=11706&s_design=bahn&shopfilter_category=Train%20Simulation&s_language=english)



## Description of Abbreviations for Quick Driver Scenarios

Due to the fact that there are different types of Quick Driver scenarios, which generally have different characteristics, above there is a system of abbreviations used to identify these characteristics, and the type of locomotives that can be used for each specific scenario. These abbreviations are as follows:

- Abbreviations included in the description of the starting point of each scenario:
  - **A** - Quick Driver Classic Scenario: In this type of scenario, you can use any preload of the simulator. Please remember that, obviously, in the non-electrified line cannot be used electric traction rolling stock.
  - **B** - Quick Driver with Shunting Scenario: In this type of scenario, you must use any preload of a locomotive alone or in double traction, without a coupled consist. The scenario's consist is already included in the scenario itself. And at the beginning, the locomotive must do a simple shunting movements to couple the consist. Also at the end of the journey you must uncouple the locomotive, and then park it at a different track than the one where the consist is parked.
  - **Stm** - Scenario to be developed with steam locomotives (or diesel). Its route (in whole or in part) is not electrified, so it is not possible to use electric locomotives in this scenario.
  - **Elec** - Scenario to be developed on the electrified line Anglés - Sant Hilari Sacalm. Then, electric locomotives can be used in it. In addition, if desired, also steam or diesel locomotives can be used.
  - **Pass** - Scenario of a passenger train.
  - **Goods** - Scenario of a freight train.
  - **Stopping** - Scenario of a train that normally makes stops (and in some cases, shunting) at the stations indicated by the abbreviations described below.
  - **Direct** - Scenario of a direct train without intermediate stops.
  - **Coal** - Scenario of a freight train for the transport of coal between the mines and the power plant, or vice versa.
- Abbreviations included at the points of the itinerary and at the end of it:
  - **Stop** - Point of the itinerary (usually a station) where the train must stop.
  - **Run** - Point of the itinerary (usually a station) where the train does not stop.
  - **Coupl** - Point of the station where the locomotive is coupled to her consist at the beginning of the scenario. And also, every point of the itinerary where a wagon is coupled to the consist.
  - **Uncoupl** - Point of a station where some rolling stock of the consist is uncoupled. And also point where the train stops at the end of the route, and in which the locomotive is uncoupled. After that, the locomotive will perform some more or less simple shunting movements.
  - **Rev** - Point of a station where the locomotive (or the whole consist) performs a reversal during shunting.
  - **END** - End point of the scenario. It is located at the end of the last shunting movement.



**Important Point:**

By selecting the Quick Driver activity in the left window, you should choose between the departure stations, with the activity characteristics defined by the abbreviations.

And to choose the end point of the scenario between the destinations of the right window, you must select the one including the word **END**. The other destinations, despite they are also selectable, only correspond to intermediate points along the route. And it has been impossible to prevent them from appearing in the right window, because the Quick Drivers are configured in this way.





## **Description of shunting and traffic of the "Quick Driver" scenarios**

*Attention! It is recommended to print the present last 15 pages of this document, in order that you can easily follow the instructions in each scenario.*

*Indeed, Quick Drivers are not programmed to include instructions (which should appear throughout its development), as happens in the Career and Standard scenarios.*

*Very important: All shunting movements performed by freight or mixed trains along the route are always made shunting the entire consist. It means that, the wagons which come to be coupled or uncoupled during shunting must always be those placed at the end of the consist.*

*The Quick Drivers don't allow shunting movements, which leave a part of the consist on a track, to return to couple it again at the end of the shunting activity.*

*Together with the route, there are also included diagrams in PDF of all the stations (in Din A3 format), for a greater clarity in the development of the scenario.*

### **▪ "Classic Quick Driver" scenarios (prefix A).**

They are developed with preset "preloads" of those that are usually in the simulator, which must be carried out with steam or diesel traction, except in the present first Quick Driver nº1, which can also be carried out with electric traction.

*Explanatory note:*

*The Classic Quick Driver scenarios numbers 1, 3 and 5, ending at the Sant Hilari Sacalm station, complete its respective runnings on tracks 01 or 03, without that you can do more shunting movements after the stop of the trains on these tracks.*

*This is due (apparently) to: As they are Classic Quick Drivers, the dispatcher considers that the consist is the full train and not just the locomotive alone. And then, as the tracks 01-A and 03-A required for these shunting movements are too short, the dispatcher does not allow any other movement; even if after uncoupling the locomotive it runs alone and easily it can enter in the length of these tracks.*

*On another hand, in the Classic Quick Driver scenarios 2 and 4, ending at the Amer Station, the locomotive can be uncoupled and shunted alone in direction to the depot where the scenario ends. It is due to, as the line continues in direction to Olot up to a distance of about 1 km, consequently the dispatcher considers that there is a sufficient distance to shunt the whole consist (according to the dispatcher criterion) ... even if you are really shunting just only one locomotive, or just a double traction (DT) of two locomotives after uncoupling.*

#### **1. QD (A)-Elec-Passengers or Goods-Angles-St. Hilari Sac.**

This scenario is designed for any type of trains (passengers or freight), and starts at Anglés station. Its journey begins and develops as follows:

- Anglés station:
  - Starts on track 03 where running begins.
- Osor Mina station:
  - Runs on track 01 without stopping.
- Osor station:
  - Runs on track 01 stopping (if it is a passengers train), or does not stop.
- Mas Claver Mina station:
  - Runs on track 01 stopping (if it is a passengers train), or does not stop.
- Balneari Font Picant halt:
  - Stops (if it is a passengers train), or does not stop.
- Sant Hilari Sacalm station:
  - Enters into station (access 04).
  - Stops on track 01, where the scenario ends.

## 2. QD (A)-Stm-Stopping Goods-Montfullá-Amer.

This is a scenario of a local freight train, and begins at the main track of the small station of Montfulla. From there, its journey develops as follows:

- Bescanó station:
  - Arrives and stops on track 05 in order to agree the shunting with the stationmaster, and then uncouples few wagons from the end of the consist.
  - Goes together with the whole consist towards the access West 01 and reverses the running direction.
  - Goes back and couples the wagons of the track 06. And follows the journey again.
- Bonmatí - Vilanna station:
  - Stops on track 01 in order to agree the shunting with the stationmaster.
  - Runs with the consist towards the access North and reverses the running direction.
  - Goes back and uncouples two wagons on track 02. And follows the journey again.
- Anglés station:
  - Stops on track 02 in order to agree the shunting with the stationmaster.
  - Runs with the consist towards the access West 01 and reverses the running direction.
  - Goes back and couples the wagons of track 04. And follows the journey again.
- La Celler de Ter station:
  - Stops on track 01 in order to agree the shunting with the stationmaster.
  - Runs with the consist towards the access North and reverses the running direction.
  - Goes back and couples the wagons of track 03. And follows the journey again.
- El Pasteral Station:
  - Runs non-stop on track 01.
- Amer station:
  - Stops on track 01 and uncouples the whole consist, and then goes the locomotive alone to the locomotives' depot of the station with the following movements:
    - Runs to access West 01 and reverses the running direction.
    - Goes back to track 03 and reverse the running direction.
    - Runs to the depot and stops at depot's access 01 (just before entering on the turntable) where the scenario ends.





### 3. QD (A)-Stm-Stopping Goods-Montfullá-St. Hilari Sac.

This is a scenario of a local freight train, and begins at the main track of the small station of Montfulla. From there, its journey develops as follows:

- Bescanó station:
  - Arrives and stops on track 05 in order to agree the shunting with the stationmaster, and then uncouples few wagons from the end of the consist.
  - Goes together with the consist towards the access West 01 and reverses the running direction.
  - Goes back and couples the wagons of the track 06, and follows the journey again.
- Bonmatí - Vilanna station:
  - Runs non-stop on track 01.
- Anglés station:
  - Stops on track 03 in order to agree the shunting with the stationmaster.
  - Runs with the whole consist towards the access West 04 and reverses the running direction.
  - Goes back and couples the wagons of track 07. And follows the journey again.
- Osor Mina station:
  - Runs on track 01 without stopping.
- Osor station:
  - Stops on track 01 to take water (if the locomotive is a steam loco).
- Mas Claver Mina station:
  - Runs on track 02 without stopping.
- Sant Hilari Sacalm station:
  - Stops on track 03, where the scenario ends.

*Attention! Please be aware that the second half of the scenario is running on the line Anglés - Sant Hilari Sacalm, which has a continuous ramp of 3.5%, in virtually all its length. However, not all preloads will be adapted to this scenario. It depends of the locomotive's power, and also of the length of the consist: Maximum length including the locomotive 120m.*



#### 4. QD (A)-Stm-Stopping Passengers-Montfullá-Amer.

This is a scenario of a regional passenger train, and begins at the main track of the small station of Montfulla. From there, its journey develops as follows:

- Bescanó station:
  - Stops on track 01 for the passengers' rise and descent of the train.
- Bonmatí - Vilanna station:
  - Stops on track 01 for the passengers' rise and descent of the train.
- Anglés station:
  - Stops on track 02 for the passengers' rise and descent of the train.
- La Celler de Ter station:
  - Stops on track 02 for the passengers' rise and descent of the train.
- El Pasteral Station:
  - Stops on track 01 for the passengers' rise and descent of the train.
- Amer station:
  - Stops on track 02 for the passengers' descent of the train and uncouples the whole consist, and then goes the locomotive alone to the locomotives' depot of the station with the following movements:
    - Runs to access West 01 and reverses the running direction.
    - Goes back to track 03 and reverses the running direction.
    - Runs to the depot and stops at depot's access 01 (just before entering on the turntable) where the scenario ends.





5. QD (A)-Stm-Stopping Passengers-Montfullá-St. Hilari Sac.

- This is a scenario of a regional passenger train, and begins at the main track of the small station of Montfulla. From there, its journey develops as follows:
- Bescanó station:
  - Stops on track 01 for the passengers' rise and descent of the train.
- Bonmatí - Vilanna station:
  - Stops on track 01 for the passengers' rise and descent of the train.
- Anglés station:
  - Stops on track 03 for the passengers' rise and descent of the train.
- Osor Mina station:
  - Stops on track 02 for the passengers' rise and descent of the train.
- Osor station:
  - Stops on track 05 for the passengers' rise and descent of the train.
- Mas Claver Mina station:
  - Stops on track 01 for the passengers' rise and descent of the train.
- Sant Hilari Sacalm station:
  - Stops on track 01 where the scenario ends.

*Attention! Please be aware that the second half of the scenario is running on the line Anglés - Sant Hilari Sacalm, which has a continuous ramp of 3.5%, in virtually all its length. However, not all preloads will be adapted to this scenario. It depends of the locomotive's power, and also of the length of the consist: Maximum length including the locomotive 120m.*





▪ **Scenarios "Quick Driver with Shunting" (prefix B).**

They are carried out with several "preloads" that are installed together with the present route, and that correspond to several locomotives alone or in double traction (see the list of locomotives proposed, on pages 11, 12 and 13). In addition, you can also develop these quick drivers with any other preloads of alone locomotives.

*Explanatory note:*

*In the Quick Driver with Shunting scenarios, the limitation of the final shunting movements at the station of Sant Hilari Sacalm doesn't happen as these limitations happen in the Classic Quick Drivers. This is because, apparently, the dispatcher considers that the consist is only the alone locomotive or the double traction locomotives (DT) that running it. And consequently the dispatcher considers that the tracks 01-A and 03-A have in this case a sufficient length to make the shunting movements of the locomotive/s.*

1. QD (B)-Elec-Coal Goods-Angles-Mas Claver Mina.

This scenario corresponds to an empty coal train, and begins at Angles station. Its journey begins and develops as follows:

- Anglés station:
  - Starts at the electric traction depot of the station.
  - Goes to the access West 04 by track 01 of the depot's access.
  - At the access West 04 reverses the running direction.
  - Goes back and couples the consist on track 05 to start the service.
- Osor Mina station:
  - Runs on track 01 without stopping.
- Osor station:
  - Runs on track 01 without stopping.
- Mas Claver Mina station:
  - Arrives and stops on track 03 in order to agree the shunting with the stationmaster.
  - Goes with the consist to the access South 01 and reverses the running direction.
  - **You should change the switch that gives access to the track 04 of the coal loader.**
  - Goes back and uncouples the whole consist on the coal loader's track 04. After that, follows the journey (loco alone or DT) towards the Sant Hilari Sacalm depot.
- Sant Hilari Sacalm station:
  - Enters for access 06, and stops at the depot's access track 01, and reverses the running direction.
  - **Attention: Control to not fall into the turntable's ditch! The best way to avoid it is to press the G key just after passing the crossing with B-04 track.**
  - Goes back to the depot track 12 where the scenario ends.



2. QD (B)-Elec-Direct Passengers-Angles-St. Hilari Sac.

This scenario corresponds to a direct passenger train, and begins at Angles station. Its journey begins and develops as follows:

- Anglés station:
  - Starts at the electric traction depot of the station.
  - Goes to the access West 04 by track 01 of access to the depot.
  - At the access West 04 reverses the running direction.
  - Goes back and couples the consist on track 03 to start the service.
- Osor Mina station:
  - Runs on track 01 without stopping.
- Osor station:
  - Runs on track 01 without stopping.
- Mas Claver Mina station:
  - Runs on track 01 without stopping.
- Sant Hilari Sacalm station:
  - Enters into station (access 04).
  - Stops at track 01, and uncouples the whole consist.
  - Advances and stops at track 01-A where reverses the running direction.
  - Goes back on track 02.
  - Stops at track 02-B, and reverses the running direction.
  - Goes and stops at depot's access track 01, and reverses the running direction.
  - *Attention: Control to not fall into the turntable's ditch! The best way to avoid it is to press the G key just after passing the crossing with B-04 track.*
  - Goes back to the depot track 12 where the scenario ends.

3. QD (B)-Elec-Stopping Goods-Angles-St. Hilari Sac.

This scenario corresponds to a local freight train, and begins at Angles station. Its journey begins and develops as follows:

- Anglés station:
  - Starts at the electric traction depot of the station.
  - Goes to the access West 04 by track 01 of access to the depot.
  - At the access West 04 reverses the running direction.
  - Goes back and couples the consist on track 07 to start the service.
- Osor Mina station:
  - Runs on track 01 without stopping.
- Osor station:
  - Arrives and stops on track 05 in order to agree the shunting with the stationmaster.
  - Goes with the consist to the access South 01 and reverses the running direction.
  - Goes back and couples the wagons of the track 02, and follows the journey again.
- Mas Claver Mina station:
  - Arrives and stops on track 02 in order to agree the shunting with the stationmaster.
  - Reverses the running direction and goes back to the track 02-A.
  - On track 02-A uncouples the coal wagons of the consist end. After that follows the journey towards Sant Hilari Sacalm.
- Sant Hilari Sacalm station:
  - Stops on track 03 and uncouples the whole consist.
  - Goes to the track 03-A, and reverses the running direction.
  - Goes back and stops on track 02 where the scenario ends.



4. QD (B)-Elec-Stopping Passengers-Angles-St. Hilari Sac.

This scenario corresponds to a regional passenger train, and begins at Angles station. Its journey begins and develops as follows:

- Anglès station:
  - Starts at the electric traction depot of the station.
  - Goes to the access West 04 by track 01 of access to the depot.
  - At the access West 04 reverses the running direction.
  - Goes back and couples the consist on track 03 to start the service.
- Osor Mina station:
  - Stops on track 02 for the passengers' rise and descent of the train.
- Osor station:
  - Stops on track 05 for the passengers' rise and descent of the train.
- Mas Claver Mina station:
  - Stops on track 01 for the passengers' rise and descent of the train.
- Balneari Font Picant halt:
  - Stops for the passengers' rise and descent of the train.  
*Pay special attention when starting, because this stop is on full ramp of 3.5%.*
- Sant Hilari Sacalm station:
  - Enters into station (access 04).
  - Stops at track 01, and uncouples the whole consist.
  - Goes to the track 01-A, and reverses the running direction.
  - Goes back on track 02.
  - Stops at track 02-B, and reverses the running direction.
  - Goes and stops at depot's access track 01, and reverses the running direction.  
*Attention: Control to not fall into the turntable's ditch! The best way to avoid it is to press the G key just after passing the crossing with B-04 track.*
  - Goes back to the depot track 12 where the scenario ends.





#### 5. QD (B)-Elec-Coal Goods-Mas Claver Mina-Angles

This scenario corresponds to a loaded coal train, and begins at the depot of the Sant Hilari Sacalm station, from where the alone locomotive starts to couple the coal train in the Mas Claver Mina station. Its journey begins and develops as follows:

- Sant Hilari Sacalm station:
  - Starts at depot track 11.
  - Goes back to the depot access 01 were reverses the running direction.  
*Attention: Control to not fall into the turntable's ditch! The best way to avoid it is to press the G key just after passing the crossing with B-04 track.*
  - Along the West 01 access starts running to the Mas Claver Mina station.
- Mas Claver Mina station:
  - Arrives and stops on track 01 in order to agree the shunting with the stationmaster.
  - Goes to the Nord 01 access and reverses the running direction.
  - Goes back to the track 02 and couples the loaded coal consist. After that starts the service.
- Osor station:
  - Runs on track 01 without stopping.
- Osor Mina station:
  - Runs on track 01 without stopping.
- Anglés station:
  - Stops on track 03 and uncouples the whole consist.
  - Goes the alone loco to the access East 03 were reverses the running direction.
  - Runs back along the track 07 towards the access West 08 were reverses the running direction again. *Be careful, do not exceed beyond this access West 08!*
  - Enters into the electric traction depot by the 01 access.
  - Stops on the depot track 02 where the scenario ends.  
*Attention: Carefully control the brake and the speed during the descent!  
This is a heavy freight train and the line has a virtually continuous ramp of 3.5%.*



#### 6. QD B-Elec-Stopping Goods-Sant Hilari Sacalm-Angles

This scenario corresponds to a local freight train, and begins at the station of Sant Hilari Sacalm. Its circulation begins and develops as follows:

- Sant Hilari Sacalm station:
  - Starts at depot track 11.
  - Goes back to the depot access 01 where reverses the running direction.  
*Attention: Control to not fall into the turntable's ditch! The best way to avoid it is to press the G key just after passing the crossing with B-04 track.*
  - Goes to access 03, where reverses the running direction again.
  - Goes back to track 03 to couple the consist and starts the service.
- Mas Claver Mina station:
  - Runs without stopping on access South 02, track 02 and access Nord 01.
- Osor station:
  - Runs on track 01 without stopping.
  - Stops with the consist on the access Nord 01 and reverses the running direction.
  - Goes back and couples the wagons of the track 02, and follows the journey again.
- Osor Mina station:
  - Runs on track 01 without stopping.
  - Stops with the consist on the access Nord 04 and reverses the running direction.
  - Goes back and couples the wagons of the track 04, and follows the journey again.
- Anglés station:
  - Stops on track 03 and uncouples the whole consist.
  - Goes the alone loco to the access East 03 where reverses the running direction.
  - Runs back along the track 07 towards the access West 08 where reverses the running direction again. *Be careful, do not exceed beyond this access West 08!*
  - Enters into the electric traction depot by the 01 access.
  - Stops on the depot track 02 where the scenario ends.  
*Attention: Carefully control the brake and the speed during the descent!  
This is a heavy freight train and the line has a virtually continuous ramp of 3.5%.*





## 7. QD (B)-Stm-Coal Goods-Bescanó-Mas Claver Mina

This scenario corresponds to an empty coal train, and begins at the depot of the Bescanó station, from which starts an alone locomotive (or a double traction), which takes charge of an empty consist on the Bescanó power station. Its circulation begins and develops as follows:

- Bescanó station:
  - Starts (loco alone or DT) at track 07 of the depot.
  - Goes to the power station for the access East 07.
- Bescanó power plant:
  - Couples the empty consist of the power station's track 04 and starts the service.
- Bescanó station:
  - Stops on track 03.
- Anglés station:
  - Stops on track 01.
- Osor Mina station:
  - Runs on track 01 without stopping.
- Osor station:
  - Stops on track 01 to take water (if the locomotive is a steam loco).
- Mas Claver Mina station:
  - Arrives and stops on track 02 in order to agree the shunting with the stationmaster.
  - Goes with the consist to the access South 01 and reverses the running direction.
  - **You should change the switch that gives access to the track 04 of the coal loader.**
  - Goes back on the access South 03
  - Continues backward and uncouples the whole consist on the coal loader's track 04. After that, follows the journey (loco alone or DT) towards the Sant Hilari Sacalm depot.
- Sant Hilari Sacalm station:
  - Enters and stops at the depot's access track 01 where the scenario ends.





8. QD (B)-Stm-Coal Goods-Bescanó-Osor Mina

This scenario corresponds to an empty coal train, and begins at the depot of the Bescanó station, from which starts an alone locomotive (or a double traction), which takes charge of an empty consist on the Bescanó power station. Its circulation begins and develops as follows:

- Bescanó station:
  - Starts (loco alone or DT) at track 07 of the depot.
  - Goes to the power station for the access East 07.
- Bescanó power plant:
  - Couples the empty consist of the power station's track 04 and starts the service.
- Bescanó station:
  - Stops on track 03.
- Anglés station:
  - Stops on track 03.
- Osor Mina station:
  - Stops and uncouples the whole consist on track 02.
  - Goes to the access South 01 and reverses the running direction.
  - Goes back on the track 04 (accesses Nord and South).
  - Stops on the track 04-A were the scenario ends.

9. QD (B)-Stm-Coal Goods-Bescanó-Pla d'Osor Mina

This scenario corresponds to an empty coal train, and begins at the depot of the Bescanó station, from which starts an alone locomotive (or a double traction), which takes charge of an empty consist on the Bescanó power station. Its circulation begins and develops as follows:

- Bescanó station:
  - Starts (loco alone or DT) at track 07 of the depot.
  - Goes to the power station for the access East 07.
- Bescanó power plant:
  - Couples the empty consist of the power station's track 04 and starts the service.
- Bescanó station:
  - Stops on track 03.
- Anglés station:
  - Stops on track 03.
- Osor Mina station:
  - Runs on track 01 without stopping.
- Osor station:
  - Stops on track 01 to take water (if the locomotive is a steam loco).
- Pla d'Osor Mina station
  - Enters by the access 01.
  - Stops and uncouples the whole consist on track 02.
  - Goes and stops on the track "Track End" were the scenario ends.

#### 10. QD (B)-Stm-Goods-Amer-Bescanó

This scenario corresponds to a local freight train, and begins on the access track of the Amer station's depot, from where the locomotive shunts isolated along the station to take charge of the consist located on track 01. Its circulation begins and develops as follows:

- Amer station:
  - Starts at the access track of the depot.
  - Goes to the other end of the station for track 03.
  - Reverses the running direction on the access East 01.
  - Goes back to track 01 where couples the consist and starts the service.
- El Pastoral station:
  - Arrives and stops on track 01 to agree the shunting with the stationmaster.
  - Goes with the consist until the access East 1 and reverses the running direction.
  - Goes back through the access East 3 to couple the wagons of track 02, and follows the journey.
- La Celler de Ter station:
  - Runs on track 01 without stopping.
- Anglés station:
  - Stops on track 03 to agree the shunting with the stationmaster.
  - Goes with the consist to the access East 03 where reverses the running direction.
  - Runs back with the consist to couple the wagons of the track 07 and follows the journey.
- Bonmatí – Vilanna station:
  - Runs on track 01 without stopping.
- Bescanó station:
  - Stops on track 05 and uncouples the whole consist.
  - Goes to the access East 03, and reverses the running direction.
  - Goes back through the accesses East 07 and West 05.
  - Stops on track 07 of the depot where the scenario ends.





#### 11. QD (B)-Stm-Mixed- Bescanó-Amer

This scenario corresponds to a mixed train (passengers & goods) and starts on track 07 of the Bescanó station's depot, from where the alone locomotive goes back, to take charge of the consist located on track 02 of the station. Its circulation begins and develops as follows:

- Bescanó station:
  - Goes back alone to track 02 where couples the consist in order to begin the service.
- Bescanó halt:
  - Stops for the passengers' rise and descent of the train.
- Bonmatí – Vilanna station:
  - Stops on track 01 for the passengers' rise and descent of the train.
- Gare d'Anglés:
  - Stops on track 03 for the passengers' rise and descent of the train. And to agree the shunting with the stationmaster.
  - Goes with the consist to the access West 01 and reverses the running direction.
  - Goes back and uncouples some wagons of the end of the consist at the track 05, and then follows the journey.
- La Celler de Ter station:
  - Stops on track 02 for the passengers' rise and descent of the train.
- El Pastoral station:
  - Stops on track 01 for the passengers' rise and descent of the train. And to agree the shunting with the stationmaster.
  - Goes with the whole consist to the access West and reverses the running direction.
  - Goes back the consist in order to couple the wagons of the track 03 and then follows the journey.
- Amer station:
  - Stops on track 02 for the passengers' descent of the train and uncouples the whole consist. Then goes the locomotive alone to the locomotives' depot of the station with the following movements:
    - Runs to the access West 01 and reverses the running direction.
    - Goes back to track 03 and reverses the running direction.
    - Runs to the depot and stops at depot's access 01 (just before entering on the turntable) where the scenario ends.



## 12. QD (B)-Stm-Stopping Passengers-Amer-Bescanó

This scenario corresponds to a regional passenger train, and begins on the access track of the Amer station's depot, from where the locomotive shunts isolated along the station to take charge of the passengers consist. Its circulation begins and develops as follows:

- Amer station:
  - Starts at the access track of the depot.
  - Goes to the other end of the station for track 03.
  - Reverses the running direction on the access East 02.  
*Attention, do not exceed beyond this access East 02!*
  - Goes back to access East 04 where couples the consist of passenger coaches.
  - Goes with the consist until the access East 01 where reverses the running direction.
  - Goes back to track 02 where stops to pick up passengers. After that starts the service.
- El Pasteral station:
  - Stops on track 01 for the passengers' rise and descent of the train.
- La Celler de Ter station:
  - Stops on track 02 for the passengers' rise and descent of the train.
- Anglés station:
  - Stops on track 03 for the passengers' rise and descent of the train.
- Bonmatí – Vilanna station:
  - Stops on track 01 for the passengers' rise and descent of the train.
- Bescanó halt:
  - Stops for the passengers' rise and descent of the train.
- Bescanó station:
  - Stops on track 01 for the passengers' rise and descent of the train.
- Montfullá station:
  - Stops on track 02 and uncouple the whole consist.
  - Goes to the access East and reverses the running.
  - Goes back on track 01 towards Bescanó.
- Bescanó station:
  - Stops on track 02.
  - Stops on depot's track 07 where the scenario ends.

