

Corris railway



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1 Route information

1.1 History

The Corris Railway was the first narrow-gauge railway to be opened in Mid-Wales, and was built to the unusual track Gauge of 2 feet 3 inches. It operated for eighty nine years, until it was closed by British Railways in 1948. The Corris started out serving the slate quarries at the head of the Dulas Valley transporting the slate to the quays on the River Dovey near Derwenlas, and from the 1870's also carrying passengers. In it's heyday in the 1890's it carried around 80,000 passengers a year, when, coupled with the railways own bus services, it transported early tourists onwards to Lake Tallyn and the mountains of Cadair Idris.

After it's closure, the line was soon dismantled, with the line being lifted and the trackbed left to return to nature, and it's remaining buildings put to other uses. Unlike the other Welsh narrow gauge lines it did not look like a likely prospect for revival.

In 1967 The Corris Railway Society was formed and set out to open a museum in the surviving Corris Station Complex, which was officially opened in 1970. In 1971 a short section of track was laid adjacent to the museum. In 1981 the society purchased the engine shed and yard at Maspoeth, and by 1984 the line was re-opened from Corris to Maspoeth. It wasn't to be until 1996 when the first steam train would re-run on the line though, when Loco no.4 would be loaned by the Talylyn Railway.

The current engine, the No.7 is a new-build engine based on the Kerr Stuart "Tattoo" class locomotive similar to the Talylyn Railway engine No.4 "Edward Thomas", which itself used to run on the Corris line. The Engine was started officially on 1st February 1995 and entered service in 2005. During the nine years since then number 7 has worked the vast majority of passenger services on the revived section of the Railway between Corris Station and Maespoeth Junction, including Santa Trains, and private charters. In 2011 it worked successfully as a guest engine on the neighbouring line the Talylyn.

1.2 The Route.

The route for Train Simulator Creates the existing track from Corris to Maspoeth, and also the proposed extension from Maspoeth onwards to Tan-Y-Coed, along with new proposed station buildings

1.3 References

<http://www.corris.co.uk/>

GwynBriwnant Jones - A Corris Celebration - Gomer Press – 2009

The Corris Railway Society - Corris Railway Guidebook and Stocklist - Corris Railway Society - 2009

Peter Guest - The Tale of a Tattoo, The Construction of Corris No.7 - Corris Railway Society

2 Rolling Stock

2.1 Locomotive No. 7

The No.7 is a new-build engine based on the Kerr Stuart "Tattoo" class locomotive similar to the Talylllyn Railway No.4 "Edward Thomas", which used to run on the Corris line.

The Engine was started officially on 1st February 1995 and entered service in 2005, bringing the sound of a steam engine at work back to the Dulas Valley after half a century.



2.2 Carriage 20



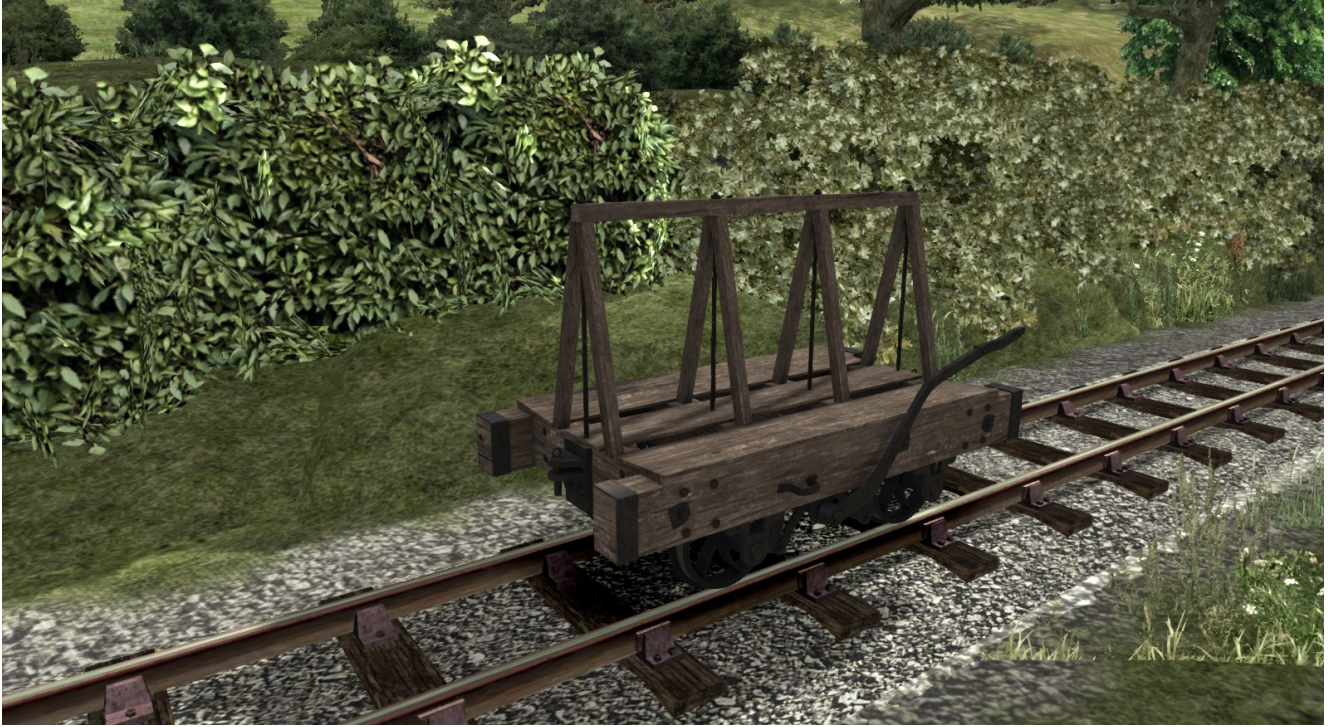
Z

2.3 Carriage 21



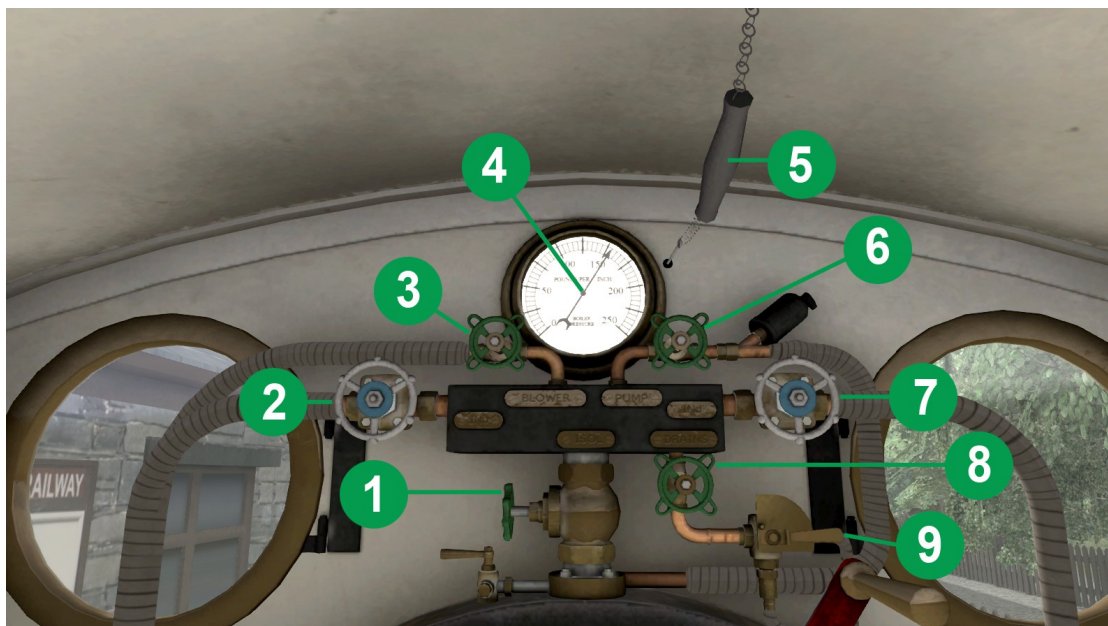
2.4 Wagons





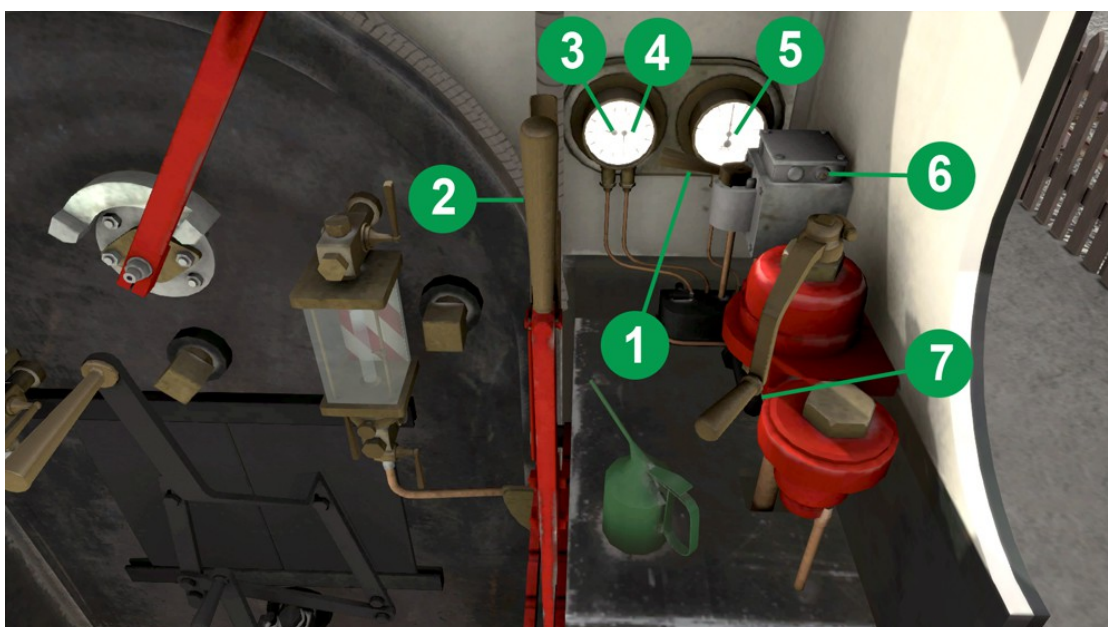
3 Driving the No.7

3.1 Cab Controls



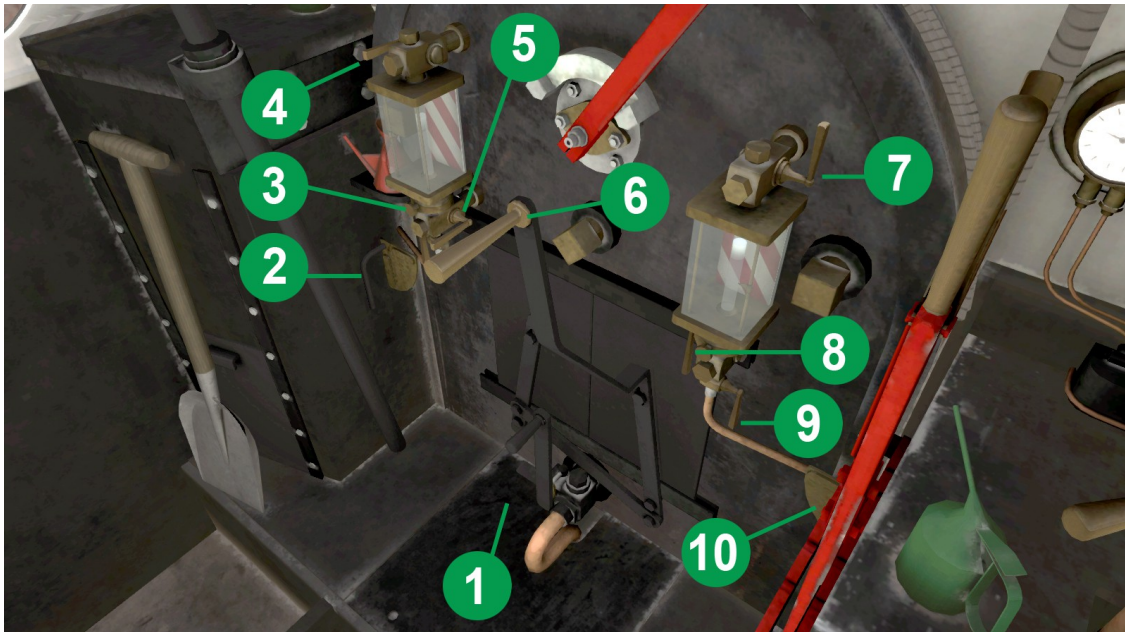
- 1 Manifold Iso
- 2 Left Inj Steam
- 3 Blower Valve
- 4 Pressure Gauge
- 5 Whistle

- 6 PumpShutoff
- 7 Right Inj Steam
- 8 Cylinder Cocks Iso
- 9 Cylinder Cocks



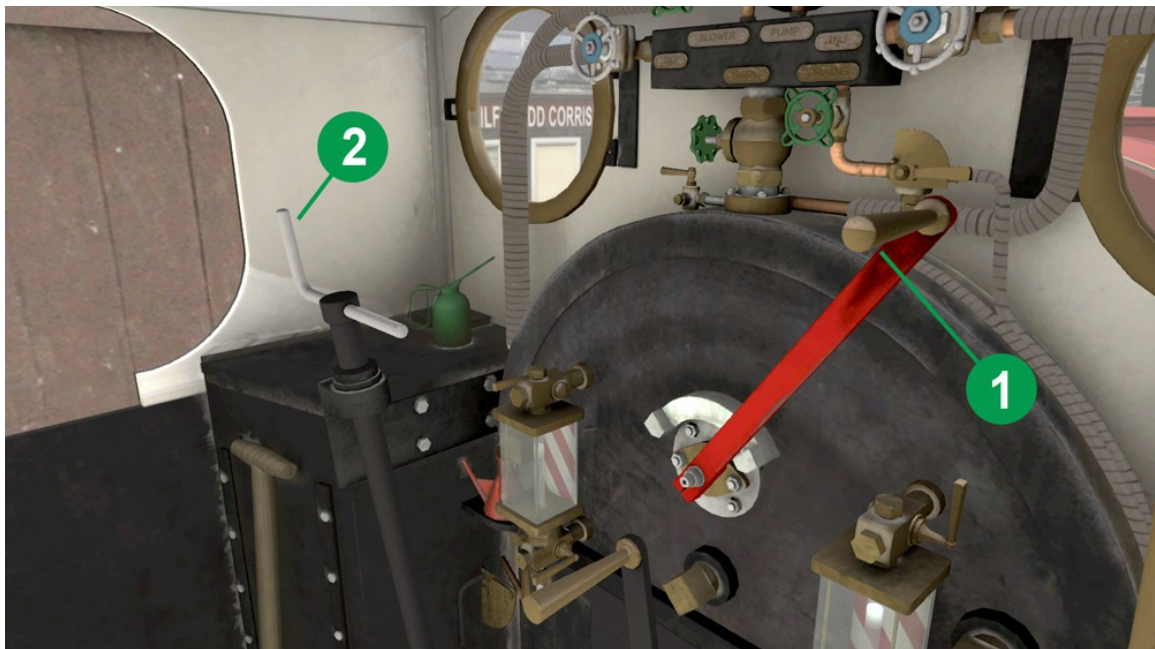
- 1 Loco Brake
- 2 Reverser
- 3 Main Res Needle
- 4 EQ Res Needle

- 5 Brake Cyl Needle
- 6 Communication Bell
- 7 Train Brake



- 1** Damper Handle
- 2** Left Inj Water
- 3** Left Gauge Drain
- 4** Left Gauge Steam
- 5** Left Gauge Water

- 6** Fire Doors
- 7** Right Gauge Steam
- 8** Right Gauge Water
- 9** Right Gauge Drain
- 10** Right Inj Water



- 1** Hand Brake

- 7** Regulator

4 Scenarios

4.1 Unloading No.7

Description: Corris No.7 loco has arrived back after it's visit to nearby Talyllyn Railway. You need to drive the loco off the low loader trailer and take it for a test run to Corris and back and learn a few facts about the line along the way.

Duration: Approx 13Mins

Difficulty: Easy

4.2 First Run of The Day

Description: Loco No.7 has been given a quick check over by the mechanics and is ready for regular service. Shunt the carriages out of the shed, take them to Corris then perform the service to Maespoeth where the passengers will alight to enjoy the museum and workshop tour.

Duration: Approx 20 Mins

Difficulty: Easy

4.3 Finishing Off

Description: With the opening of the extension drawing near, a group of volunteers are working later this evening to finish off building some stone walls at Tan-y-Coed. We have three wagons of materials to collect and take down the line for them to use.

Duration: Approx 35 Mins

Difficulty: Medium

4.4 A Special Day (Part 1)

Description: Today is a special day in the Afon Dulas Valley. After many years of hard work, Corris Railway will officially open their extension to Tan-Y-Coed. To start this special day, you are to ferry the special guests from the Corris Museum to the ceremony here at Maespoeth.

Duration: Approx 25 Mins

Difficulty: Easy

4.5 A Special Day (Part 2)

Description: The ribbon has been cut, the extension is officially open and all of the special guests have made their way to the platform in anticipation of the first passenger service to Tan-y-Coed. You have the honour of driving the first service to Tan-y-Coed before performing a service along the full length of the line to Corris.

Duration: Approx 30 Mins

Difficulty: Medium

4.6 15:00 Corris to Tan-y-Coed

Description: Even the weather doesn't dampen the spirits on the Corris Railway. It wouldn't be a Welsh valley without a bit of rain. Take this afternoon service along the entire length of the route from Corris.

Duration: Approx 15 Mins

Difficulty: Easy

4.6 Santa Special

Description: It's that time of the year again and we have got a winter wonderland in the valley. Take the first Santa train of the year from Corris to Santa's Grotto at Maespoeth.

Duration: Approx 20 Mins

Difficulty: Easy

4.7 The Gravity Run

Description: On the first Sunday of the month the Corris Railway runs the Gravity train. People sat in a couple of open wagons and heading down the incline trying to reach Tan-Y-Coed. Release that brake and see how far down the hill you can get.

Duration: Approx 10 Mins

Difficulty: Easy

5 Credits

Skyhook Games would like to thank those listed below for their contribution to the development of the route:

Edward Fisk

Ballaugh Sims

And everyone at Dovetail Games.

Special Thanks to David Coleman and everyone at Corris Railway for Their invaluable help and hospitality on research trips. <http://www.corris.co.uk/>

6 About Skyhook Games



Skyhook Games Studio is a creative production house based in Liverpool, UK. With over 40 years of games development experience, its founders have jointly worked across a wide range of titles and platforms from Playstation 1 – 4, Nintendo Wii and PC, to name but a few. Many of these titles were licensed products for major brands such as Jim Henson's, Disney and Sony.

They are now producing DLC for Dovetail Games and enjoying the challenge.