



dovetail  
GAMES

# BR Standard Class 6MT Steam Locomotive



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# 1 Background

## 1.1 BR Standard Class 6MT Locomotive

The Standard class 6, otherwise known as the Clan Class, was a class of 4-6-2 Pacific tender steam locomotive designed by Robert Riddles for use by British Railways. Ten locomotives were constructed between 1951 and 1952, with a further 15 planned for construction. However, due to acute steel shortages in Britain, the order was continually postponed until it was finally cancelled on the publication of the 1955 Modernisation Plan for the re-equipment of British Railways.

The Clan Class was based upon the Britannia Class design, incorporating a smaller boiler and various weight-saving measures to increase the route availability of a Pacific-type locomotive for its intended area of operations, the west of Scotland. The Clan Class received a mixed reception from crews, with those regularly operating the locomotives giving favourable reports as regards performance. However, trials in other areas of the British Railways network returned negative feedback, a common complaint being that difficulty in steaming the locomotive made it hard to adhere to timetables. Reports exist that suggest a degree of the disappointment with these locomotives was attributable to their being allocated to Class 7 work where they were only a Class 6 in reality; a problem put down to their very similar appearance to the BR Standard Class 7.

The Clan Class locomotives took their names from a previous class that was being withdrawn from service at the time, indicating further their intended area of operations. The class was ultimately deemed a failure by British Railways, and the last was withdrawn in 1966. None survived into preservation.

## 1.2 Design & Specification

<b>Builder</b>	Crewe Works
<b>Locomotive Weight</b>	88.5 T
<b>Vehicle Length</b>	68 ft 9 in (20.73 m)
<b>Total Produced</b>	10
<b>Tractive Effort</b>	27,520 lbf (122.4 kN)
<b>Brake Types</b>	Vacuum

## 2 Rolling Stock

### 2.1 BR Standard Class 6MT



### 2.2 Mk1 Coaches including MK1 Sleepers





## 3 Driving the 6MT

### 3.1 Cab Controls





1	Whistle	SPACE BAR	8	Firebox Doors	F
2	Regulator	A & D	9	Damper	M
3	Reverser	W & S	10	Injector Steam Controls	I & O
4	Cylinder Cocks	C	11	Injector Water Controls	K & L
5	Sander	X	12	Headboard (CTRL+SHIFT+H)	
6	Blower	N	13	Realistic/Legacy Mode	B
7	Train Brake	; & `			

## 4 Scenarios

### 4.1 Night Train to Dumfries

You will be running a passenger service from Carlisle to Dumfries, with three scheduled stops at Carlisle, Annan and Dumfries. As this is an early morning service, traffic is light.

- **Duration**                      **40 Minutes**
- **Difficulty**                      **Easy**

### 4.2 [6MT Clan] Unlikely Replacement: Part 1

Due to an earlier failure with the booked Black 5, you will be running a replacement locomotive on this service in the form of a 6MT Clan. Part 1 will have you running between Stranraer and Newton Stewart.

- **Duration**                      **50 Minutes**
- **Difficulty**                      **Easy**

### 4.3 [6MT Clan] Unlikely Replacement: Part 2

With the first part of this service complete, now it is time to continue down to Castle Douglas in Part 2.

- **Duration**                      **65 Minutes**
- **Difficulty**                      **Medium**

## 5 Acknowledgements

Dovetail Games would like to thank the following people for their contribution to the development of the 6MT.

Beta Testing Team

