



South Western Main Line: Southampton - Bournemouth

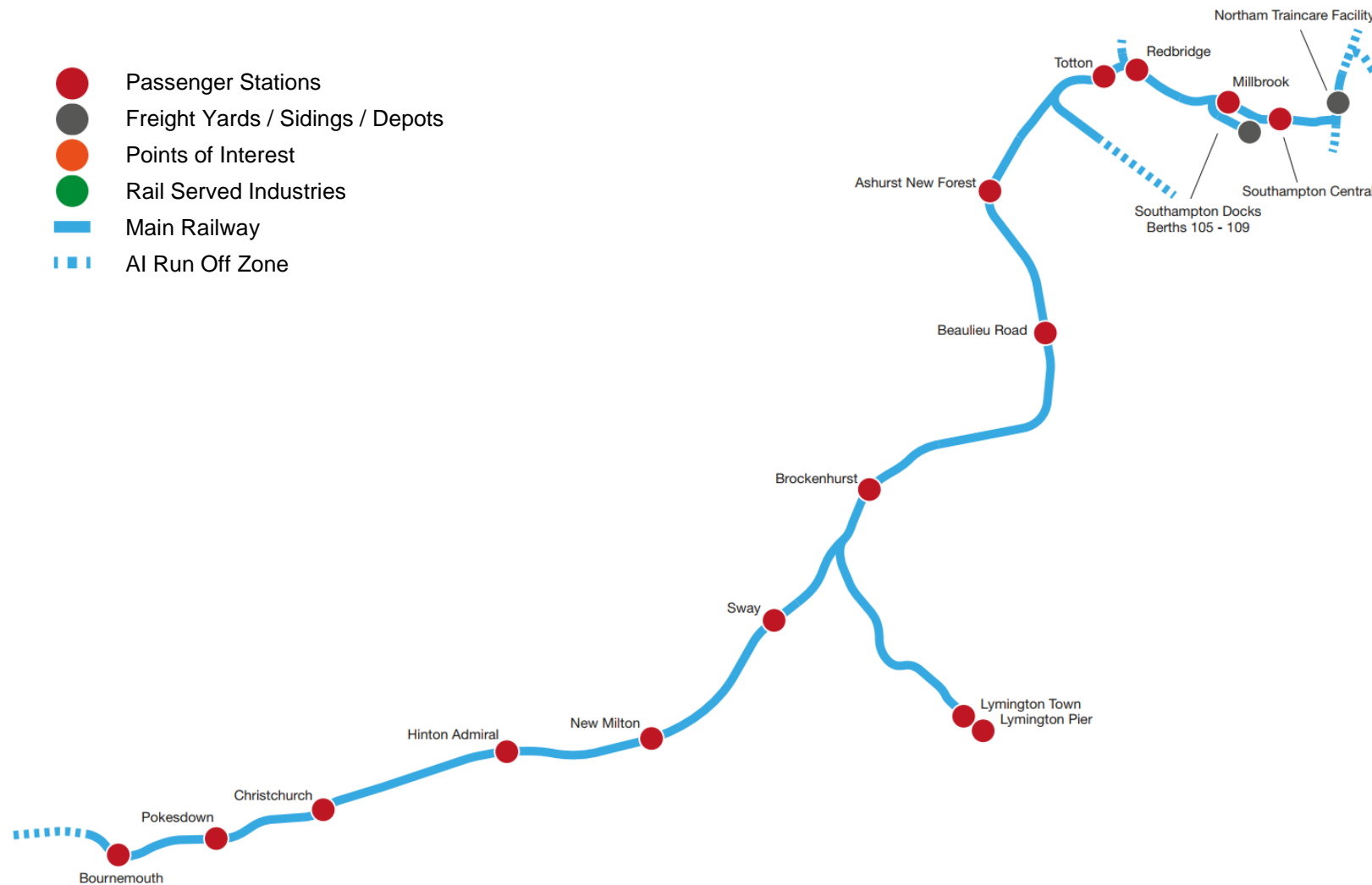


Contents

1 Route Map.....	4
2 Rolling Stock	5
3 Driving the Class 444 & Class 450	7
Cab Controls	7
Key Layout	8
Class 444/450 Sander.....	8
Class 444/450 Power Reduction Button	8
5 Driving the LNER A2 60532 “Blue Peter”.....	9
Cab Controls	9
Key Layout	10
Expert Keyboard Controls for Steam Trains	11
Generic Headcode Lamp Positions	12
6 Scenarios	14
Career Scenarios	14
Railfan Mode Scenarios	14
7 Acknowledgements	15

Whilst we do our utmost to reproduce sounds that are accurate and true-to-life, sometimes these sounds may not completely tally with the user's expectation. Due to the nature of the simulation, it is often not possible to reproduce a completely accurate soundscape for a variety of reasons such as limitations with our current technology and occasional inability to gain meaningful access to the locomotives being created. You should therefore regard the audio reproduction for our locomotives as authentic interpretations rather than perfect recreations.

1 Route Map



2 Rolling Stock

BR Class 444 in South West Trains Livery



BR Class 450 in South West Trains Livery



LNER Peppercorn Class A2 60532 “Blue Peter”



3 Driving the Class 444 & Class 450

Cab Controls



1	Power Reduction	8	Signal Bell
2	Power/Brake Handle	9	Wiper Switch
3	Master Key	10	Reverser
4	DRA	11	AWS Acknowledge
5	Cab Lights	12	Horn
6	Marker/Head Lights	13	Emergency Brake
7	Sander	14	DSD Pedal

Key Layout

Function	Key	Key
Increase or Decrease Brake and Throttle Control.	A	D
Move Reverser control Forward or Backward.	W	S
DRA.		Y
Cab Lights	L	Shift + L
Marker/Head Lights	H	Shift + H
(Expert) Sander. Causes sand to be laid on the rails next to the wheels to assist with adhesion. Press and hold to activate sander, let go to stop.		X
Signal Bell. Sound the signal bell.		C
Windscreen Wipers. Press once to switch on and again to switch off.	V	Shift + V
AWS Acknowledge.		Q
Horn. Sound the horn.	Space	B
Emergency Brake. Apply the emergency brake.		Backspace
DSD Pedal.		F
DSD Disable/Enable. Press once to disable and again to enable.		Ctrl + D
External Alarms Setting.		Ctrl + A
Destination Board. Cycle through destinations on the display boards.	Ctrl + 5	Ctrl + 6

Class 444/450 Sander

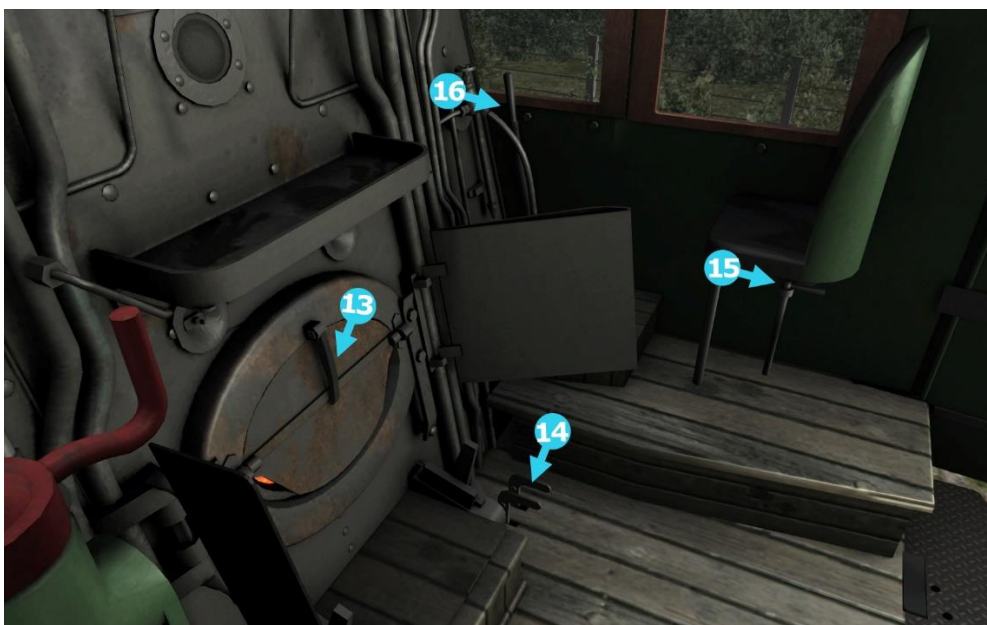
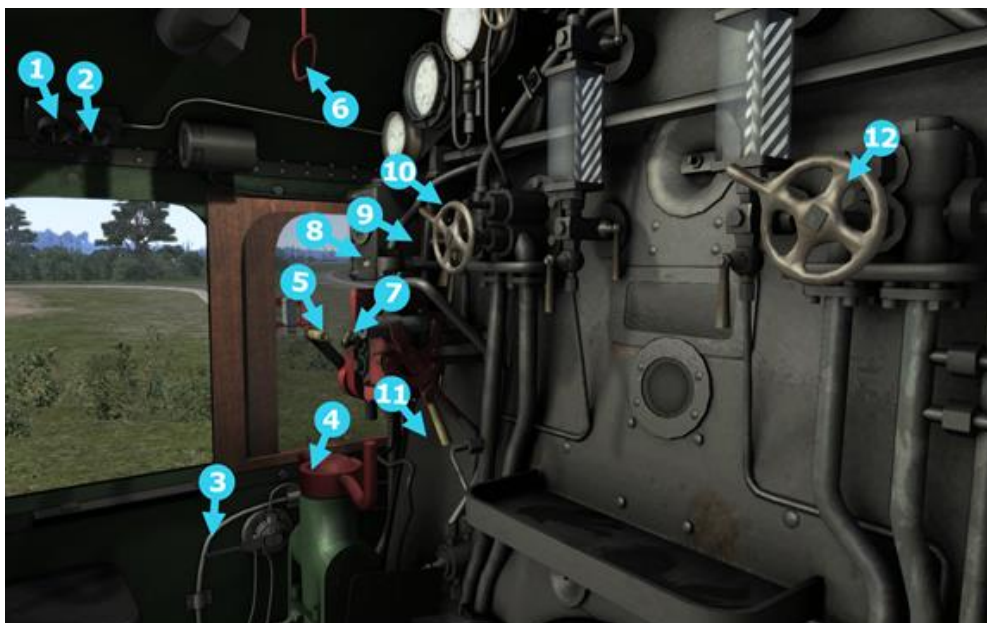
The sander on the Class 450 and class 444 is only operable when the units are taking power.

Class 444/450 Power Reduction Button

The Class 450 and 444 are fitted with a Power Reduction button. This reduces the power by 50%.

5 Driving the LNER A2 60532 “Blue Peter”

Cab Controls



1	Cab Light Switch	9	Regulator
2	Dial Light Switch	10	Drivers Steam Injector
3	Sander	11	Steam Brake Control
4	Reverser	12	Firemans Steam Injector
5	Train Brake	13	Firebox Door
6	Whistle Control	14	Dampers
7	Small Ejector Valve	15	Drivers Water Injector
8	AWS Reset	16	Cylinder Cock

Key Layout

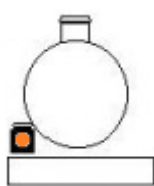
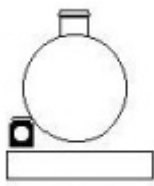
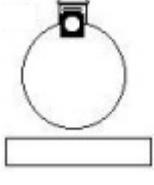
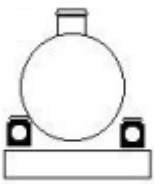
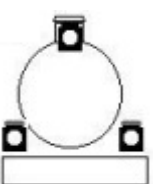
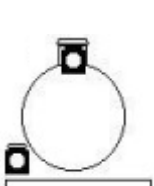

Function	Key	Key
Decrease or Increase the Regulator.	A	D
Decrease or Increase the Reverser.	W	S
Decrease or Increase the Train Brake.	;	'
Decrease or Increase the Locomotive Brake.	[]
Load/Unload. Press once to load/unload passengers or freight.		T
Lights. Repeatedly pressing will cycle through headlight states.		H
(Expert) Alerter. The Alerter is a system used to ensure that the driver has seen a signal. If the alert sounds (a black/yellow striped symbol is shown in the cab) it must be acknowledged by pressing the Alerter button or the emergency brakes will be applied.		Q
(Expert) Sander. Causes sand to be laid on the rails next to the wheels to assist with adhesion. Press once to apply sand and again to stop.		X
Whistle. Sound the locomotive whistle.		Space
Driving Mode Setting. Toggles between Legacy and Realistic Driving Modes. This affects the simulation of the steam chest.		B
Handbrake On/Off. This icon is displayed in the Coupling view		/
Couple Manually.	Shift + Ctrl +	C

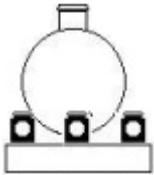
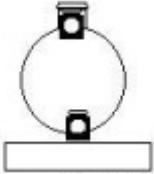
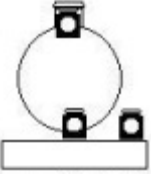
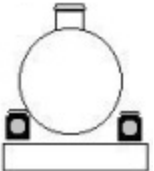
Expert Keyboard Controls for Steam Trains

Function	Key	Key
Small Ejector on or off		J
Cylinder Cocks Open/Close. The cylinder cocks are valves that allow condensed water to be removed from the Cylinders which power the wheels. If this water is not removed before pulling away from a stand, it can cause damage.		C
Open/Close the locomotive Firebox, to enable the fireman to shovel more coal.	F	Shift + F
Increase or reduce the rate the fireman shovels coal into the firebox.	R	Shift + R
Turn On/Off the Live Steam Injector. This uses steam direct from the boiler to move additional water into the boiler.		O
Increase or reduce the flow of steam to the Live Steam Injector.	L	Shift + L
Turn On/Off the Exhaust Injector. This uses waste steam from the cylinders to move additional water into the boiler.		I
Increase or reduce the flow of steam to the Exhaust Injector.	K	Shift + K
Increase or reduce the Blower. The Blower is a fan that increases air flow through the fire, making it hotter. It is powered by steam from the boiler. While running, the blower is not often needed because the exhaust steam draws air through the fire as well.	N	Shift + N
Increase or reduce the Damper. The Damper covers an opening in the firebox that allows fresh air in. Closing the Damper reduces air flow and hence the temperature of the fire.	M	Shift + M

Generic Headcode Lamp Positions

Lamp Position

- | | | |
|---|---|--|
| 1 |  | Initial light position. |
| 2 |  | Light engine. |
| 3 |  | Stopping passenger, railmotor or a breakdown train returning from a job. |
| 4 |  | Express Passenger or a breakdown train / snow plough en-route to a job. |
| 5 |  | Empty coaching stock. |
| 6 |  | Express freight or livestock. |
| 7 |  | Express freight: all unfitted stock. |

- | | | |
|----|--|-----------------------------|
| 8 |  | Through goods or mineral. |
| 9 |  | Through freight or ballast. |
| 10 |  | Stopping general goods. |
| 11 |  | Headcode lamps off. |

6 Scenarios

Career Scenarios

- [450] 1. The Lymington Branch
- [444] 2. Midday Express
- [450] 3. Stand In
- [444] 4. Pursuit
- [450] 5. Eastbound Stopper
- [444] 6. A Cold One
- [A2] 7. Football Special

Railfan Mode Scenarios

Railfan Mode provides a unique chance to observe and enjoy the operations of trains without the pressure and involvement of driving them. Railfan Mode scenarios are positioned at various key points along the route and provide camera functionality to sit back and watch the action unfold.

The following scenarios are located on the Drive screen under the **Career** tab:

- [Railfan] Southampton Central
- [Railfan] Beaulieu Road
- [Railfan] Brockenhurst

7 Acknowledgements

Dovetail Games would like to thank the following people for their contribution to the development of South Western Main Line: Southampton - Bournemouth:

Stuart Galbraith

Route Builder

Dovetail Games Beta Testing Team

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