



dovetail
GAMES

Seaboard Coast Line U36B



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1 Background

1.1 Loco

Built by General Electric between 1969 and 1974, the U36B was one of GE's 'U-Boat' series of locos. Its 2-axle trucks and 3,600 horsepower output class it as a road switcher rather than a heavy freight loco, but it was GE's most powerful 4-axle model. Seaboard Coast Line were the biggest buyer with 108 units, most passing into retirement by the early 1990s and finding further work with various short lines such as TransKentucky.

1.2 Design & Specification

Builder	General Electric Transportation Systems
Locomotive Weight	124.466 tonnes
Vehicle Length	60 ft 02 in (18.2m)
Vehicle Width	9 ft 11 in (3.02m)
Top Speed	70 MPH (112km/h)
Brake Types	Dynamic/Regenerative/Electropneumatic
Tractive Force	70,000lbs (starting) 64,000lbs (continuous)

2 Rolling Stock

2.1 Seaboard Coast Line U36B



2.2 Seaboard System U36B



2.3 3 Bay Covered Hopper



2.4 3 Bay Covered Hopper (Dull)

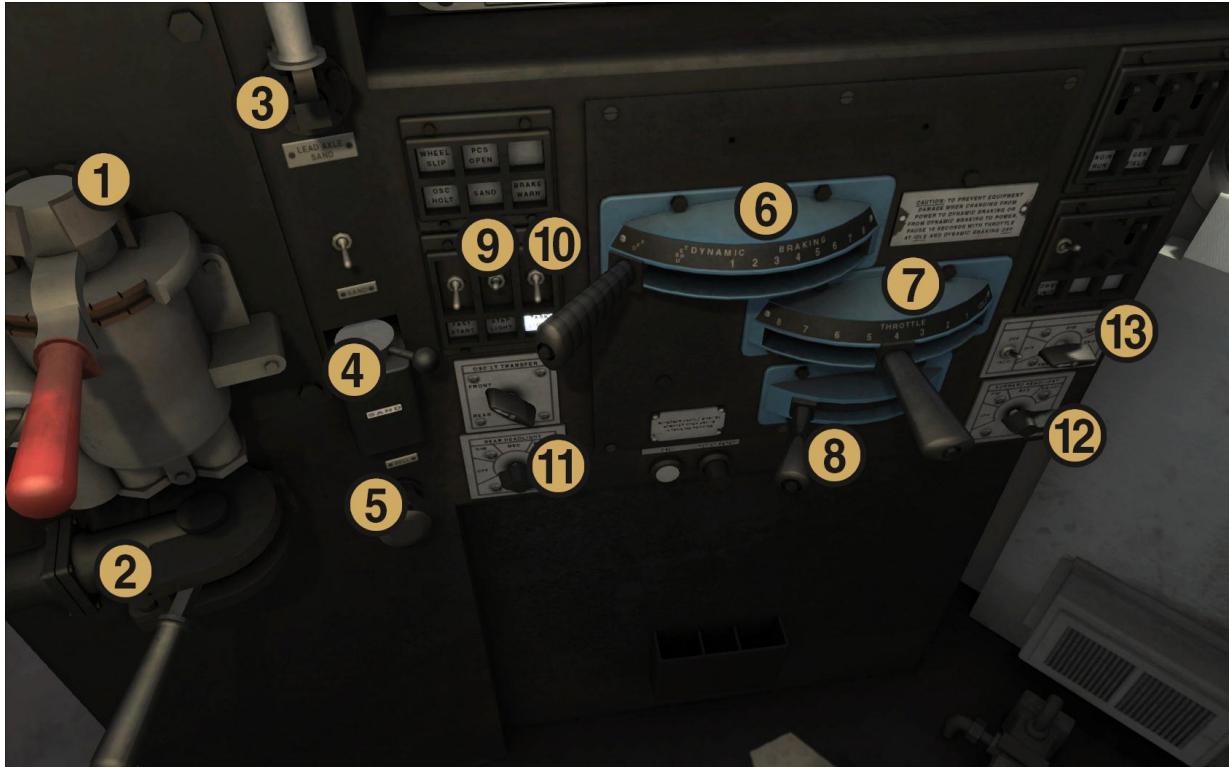


2.5 Caboose



3 Driving the U36B

3.1 Cab Controls






















1	Train Brake (; / `)	2	Locomotive Brake ([/])
3	Horn (Spacebar)	4	Sander (X)
5	Bell (B)	6	Dynamic Brake (, / .)
7	Power Handle (A / D)	8	Reverser (W / S)
9	Step Light (K)	10	Cab Light (L)
11	Rear Headlight Control (H)	12	Forward Headlight Control (H)
13	Gyra Lite Control (Shift + J)	14	Wiper Control (V)
15	Engine Start / Stop (Z)	16	Brake Pipe Gauge

3.2 Locomotive Keyboard Controls

Key Equivalent	Action
A D	Increase or Decrease Throttle.
W S	Move reverser control Forward or Backward.
: " ; '	Increase or Decrease Train Brake.
{ } []	Increase or Decrease Engine Brake.
< > , .	Increase or Decrease Dynamic Brake.

3.3 General Keyboard Controls

Key Equivalent	Action
	Load/Unload passengers or freight.
	Headlights. Repeatedly pressing will cycle through headlight states where appropriate.
	Windscreen Wipers. Press once to switch on and again to switch off.
	(Expert) Engine Stop/Start. By default engines will already be running at the start of a scenario. Press this button to stop and then again to restart the engine.
	(Expert) Sander. Causes sand to be laid on the rails next to the wheels to assist with adhesion. Press once to activate sander and press again to deactivate.
	Horn. Sound the Horn
	Bell. Sound the Bell
	Handbrake. Toggle the train handbrake on and off.
	Sun Visors. Toggle or raise and lower the sun visors.
	Platform Lights. Toggle platform/step lighting on and off.
	Gyra Lite. Cycle the Gyra Lite (OSC Light) control.
	
 	Class Lights. Cycle the classification lights.
  	Couple manually.

3.4 Classification Lights



The U36B is fitted with Classification lights. The purpose of these was to identify the train in accordance with the light in use.

White

A white light identified the train as an extra service that was not timetabled.

Green

Green Class lights were used on timetabled trains followed by extra sections that were not timetabled. Each section added to the service bar the last would display green Class lights to identify it as a single service.

Red

Whilst uncommon, the red Class lights were used when the locomotive was placed at the trailing end of a train in lieu of a red marker light.

These can be cycled through with **Ctrl+1**.

4 Scenarios

4.1 [U36B] 1 - Highball to Hialeah

A freight run south.

Seaboard Coast Line 1805 is hauling 20 covered hoppers and an M-5 Caboose due for a drop off at Hialeah Yard. You are in the driving seat!

- **Duration** **45 Minutes**
- **Difficulty** **Easy**

4.2 [U36B] 2 - Better hop to it - Part 1

The first part of a freight run north.

Assemble a unit train of hoppers, and take them north towards Orlando.

- **Duration** **35 Minutes**
- **Difficulty** **Medium**

4.3 [U36B] 3 - Better hop to it - Part 2

The 2nd part of a freight run north.

Now that the high priority freight train has passed, it's time to continue north.

- **Duration** **70 Minutes**
- **Difficulty** **Medium**

5 Acknowledgements

Dovetail Games would like to thank the following people for their contribution to the development of the Seaboard Coast Line U36B.

Beta Testing Team
Gary Dolzall
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