



# ES44AC Norfolk Southern Heritage Locomotive Pack

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## 1 Background

### 1.1 Norfolk Southern Heritage

Norfolk Southern has honoured its predecessor railroads during 2012, its 30th anniversary year, by painting 20 new locomotives in commemorative schemes that reflect the heritage of those predecessors.

Since the 1820s, hundreds of railroad companies were built, merged, reorganized, and consolidated into what eventually became Norfolk Southern, itself created from the consolidation of Southern Railway (SR) and Norfolk and Western Railway (NW) in 1982. In 1999, Norfolk Southern expanded the scope of its heritage with its acquisition of a portion of Conrail (CR). The heritage locomotives represent most of the railroads that played significant roles in Norfolk Southern's history.

Each paint scheme was modified to fit contemporary locomotives while staying as true as possible to the original designs.

## 2 Rolling Stock

The **ES44AC** (**E**volution **S**eries, **4400** HP, **AC** traction), is manufactured by General Electric Transportation Systems of Erie, Pennsylvania.

In September 2008, Norfolk Southern purchased 24 ES44ACs numbered 8000-8023, and began receiving the first of these units in October 2008. They are the first new AC locomotives ever purchased by NS. An additional 65 units were ordered in 2011, numbered 8025-8090. 24 more units, numbered 8091-8115, were ordered at the beginning of 2012. 8098-8105 & 8114 were painted in heritage paint schemes for the 30th anniversary.

### Technical Data

Total Built: 2771

Weight: 188t

Length: 71'4" (21.73m)

Engine Power: 4,400Hp (3,284kW)

Max Speed: 74Mph (119Kph)

Fuel Capacity: 5,000gal (22,730L)

The following stock is included in this pack

## 2.1 Conrail

This locomotive appears as “ES44NSHP Conrail” in the browser list.



## 2.2 Central of Georgia Railway

This locomotive appears as “ES44NSHP Central of Georgia Railway” in the browser list.



### 2.3 Interstate Railroad

This locomotive appears as “ES44NSHP Interstate Railroad” in the browser list.



### 2.4 Lehigh Valley Railroad

This locomotive appears as “ES44NSHP Lehigh Valley Railroad” in the browser list.



## 2.5 Monongahela Railway

This locomotive appears as “ES44NSHP Monongahela Railway” in the browser list.



## 2.6 Nickel Plate Road

This locomotive appears as “ES44NSHP Nickel Plate Road” in the browser list.



## 2.7 Norfolk and Western Railway

This locomotive appears as “ES44NSHP Norfolk Western Railway” in the browser list.



## 2.8 Norfolk Southern Railway

This locomotive appears as “ES44NSHP Norfolk Southern Railway” in the browser list.



## 2.9 Pennsylvania Railroad

This locomotive appears as “ES44NSHP Pennsylvania Railroad” in the browser list.



## 2.10 Southern Railway

This locomotive appears as “ES44NSHP Southern Railway” in the browser list.



## 2.11 Hopper Ballast



## 2.12 Van AutoParts Boxcar

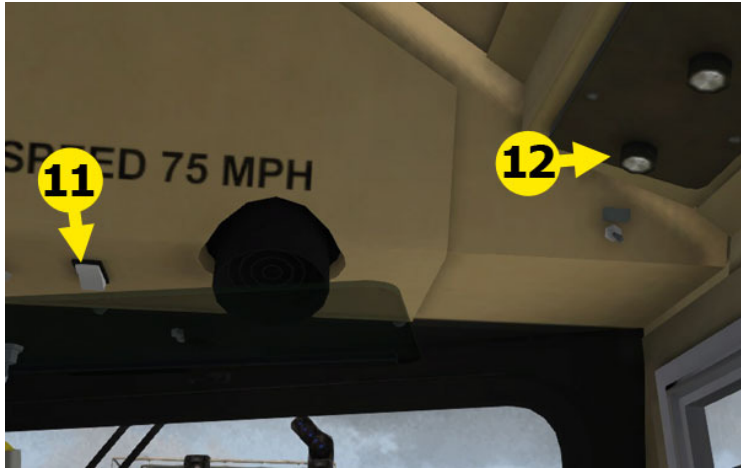


## 2.13 Hopper Low Sided Gondola



## 3 Cab Controls





|    |                                |                   |
|----|--------------------------------|-------------------|
| 1  | Independent / Locomotive Brake | Apply [ Release ] |
| 2  | Auto Brake                     | Apply \ Release ; |
| 3  | Headlights                     | Toggle H          |
| 4  | Bell                           | B                 |
| 5  | Sander                         | X                 |
| 6  | Horn                           | Space Bar         |
| 7  | Dynamic Brake                  | Apply . Release , |
| 8  | Throttle                       | A / D             |
| 9  | Reverser                       | W / S             |
| 10 | Flashing Ditch Light           | J                 |
| 11 | Cab Light                      | L                 |
| 12 | Wipers                         | V                 |
| 13 | Step Lights                    | K                 |

## 4 Quick Drive Scenarios

This includes quick consists. Each locomotive paint scheme comes with 4 quick drive consists. Also included a selection of double header consists.