



HO ES44AC Diesel Locomotive

Announced 10.25.19
Orders Due: 11.22.19

ETA: October 2020

Southern Pacific*

Since 2005, railroads have been unveiling heritage schemes on their locomotives. This has inspired the model railroad and railfan community to create many “what-if” and heritage paint schemes of their own. We have enjoyed seeing these realistic interpretations of what could have been and have decided to create some of our own. We are proud to announce a new line of legendary railroad paint schemes from the past—with a modern twist—starting with our Genesis ES44AC. Introducing “**Legendary Liveries**”—where inspiration becomes reality.



**NOW EQUIPPED WITH:
LEDs, & RUBBER MU HOSES**



Pre-production model shown



Without Sound

- ATHG83052 HO ES44AC, SP Black Widow #750
- ATHG83053 HO ES44AC, SP Black Widow #777
- ATHG83054 HO ES44AC, SP Black Widow #785
- ATHG83055 HO ES44AC, SP Black Widow #796

With Sound

- ATHG83152 HO ES44AC w/DCC & Sound, SP Black Widow #750
- ATHG83153 HO ES44AC w/DCC & Sound, SP Black Widow #777
- ATHG83154 HO ES44AC w/DCC & Sound, SP Black Widow #785
- ATHG83155 HO ES44AC w/DCC & Sound, SP Black Widow #796

SP FEATURES:

- Antenna Dome
- Large front snowplow
- Nose door without window
- High number boards
- 3-window cab side windows
- Desktop control stand
- Sunshades
- Salem air filter
- Nathan P3 air horn on bracket
- Rear brake wheel
- Hi-adhesion trucks
- Low rear sand filler
- High rear vertical headlight

First appearing on the road's F3 units, the Black Widow scheme is one of SP's most iconic. Many enthusiasts long for this historical paint scheme to return into the heritage program.



w/o Sound \$239.98_{SRP} With **Tsunami²** Sound \$329.98_{SRP}

These items are subject to Horizon's MAP policy
* Union Pacific Licensed Product



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Chicago, Burlington & Quincy

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Without Sound

ATHG83068 HO ES44AC, CBQ #1250
 ATHG83069 HO ES44AC, CBQ #1267
 ATHG83070 HO ES44AC, CBQ #1273
 ATHG83071 HO ES44AC, CBQ #1298

With Sound

ATHG83168 HO ES44AC w/DCC & Sound, CBQ #1250
 ATHG83169 HO ES44AC w/DCC & Sound, CBQ #1267
 ATHG83170 HO ES44AC w/DCC & Sound, CBQ #1273
 ATHG83171 HO ES44AC w/DCC & Sound, CBQ #1298

CB&Q FEATURES:

If the Hill roads had never merged, you could see one of these CB&Q GEVOs on the rails today, rushing freight "Everywhere West".

Santa Fe



Without Sound

ATHG83048 HO ES44AC, ATSF #1000
 ATHG83049 HO ES44AC, ATSF #1027
 ATHG83050 HO ES44AC, ATSF #1043
 ATHG83051 HO ES44AC, ATSF #1051

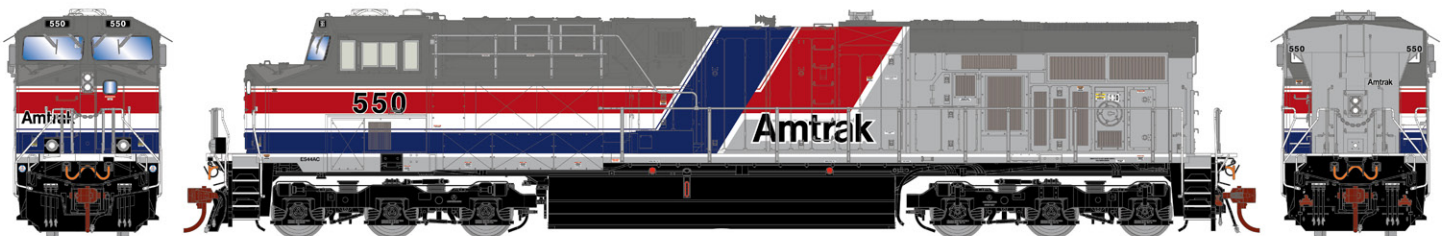
With Sound

ATHG83148 HO ES44AC w/DCC & Sound, ATSF #1000
 ATHG83149 HO ES44AC w/DCC & Sound, ATSF #1027
 ATHG83150 HO ES44AC w/DCC & Sound, ATSF #1043
 ATHG83151 HO ES44AC w/DCC & Sound, ATSF #1051

ATSF FEATURES:

The classic SuperFleet Warbonnet scheme lives on—as if the Santa Fe had never died.

Amtrak



Without Sound

ATHG83044 HO ES44AC, AMTK #550
 ATHG83045 HO ES44AC, AMTK #557
 ATHG83046 HO ES44AC, AMTK #562
 ATHG83047 HO ES44AC, AMTK #568

Affectionately known as the "Pepsi Can" scheme, our Amtrak ES44ACs wear this popular paint scheme that appeared on the road's Dash 8-32BWH locomotives.

AMTK, ATSF, CB&Q FEATURES:

- Antenna Dome
- Narrow front snowplow
- Nose door with window
- High number boards
- 4-window cab side windows
- Desktop control stand
- Sunshades
- Salem air filter
- Rear brake wheel
- Hi-adhesion trucks
- High rear sand filler
- Low rear vertical headlight

With Sound

ATHG83144 HO ES44AC w/DCC & Sound, AMTK #550
 ATHG83145 HO ES44AC w/DCC & Sound, AMTK #557
 ATHG83146 HO ES44AC w/DCC & Sound, AMTK #562
 ATHG83147 HO ES44AC w/DCC & Sound, AMTK #568



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Chessie System

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Without Sound

ATHG83060
 ATHG83061
 ATHG83062
 ATHG83063

HO ES44AC, Chessie/BO #8300
 HO ES44AC, Chessie/BO #8321
 HO ES44AC, Chessie/CO #8342
 HO ES44AC, Chessie/CO #8359

With Sound

ATHG83160
 ATHG83161
 ATHG83162
 ATHG83163

HO ES44AC w/DCC & Sound, Chessie/BO #8300
 HO ES44AC w/DCC & Sound, Chessie/BO #8321
 HO ES44AC w/DCC & Sound, Chessie/CO #8342
 HO ES44AC w/DCC & Sound, Chessie/CO #8359



CHESSIE & WM FEATURES:

- Antenna Dome
- Large front snowplow
- Nose door without window
- High number boards
- 3-window cab side windows
- Desktop control stand
- Sunshades
- Different styles of air horns as appropriate to the prototype road
- Rear brake wheel

- Steerable trucks
- Low rear sand filler
- High rear vertical headlight

One of the most eye-catching paint schemes and iconic logos of the 1970s era was the Chessie system's outline of the C&O's famous "Chessie" the kitten logo. The Chessie System did not own any locomotives or other rolling stock, *persé*; equipment would be placed on the roster of one of

the integrated railroads. While all three companies shared a common paint scheme, actual ownership of the equipment was denoted by the reporting marks C&O, B&O, or WM.

Some enthusiasts wish for a CSX heritage program that would resurrect the classic Chessie System paint scheme. As far as "Legendary Liveries" is concerned, the cat is back, pulling coal out of the Appalachians again!

Western Maryland



Without Sound

ATHG83064
 ATHG83065
 ATHG83066
 ATHG83067

HO ES44AC, WM #9000
 HO ES44AC, WM #9011
 HO ES44AC, WM #9023
 HO ES44AC, WM #9024

With Sound

ATHG83164
 ATHG83165
 ATHG83166
 ATHG83167

HO ES44AC w/DCC & Sound, WM #9000
 HO ES44AC w/DCC & Sound, WM #9011
 HO ES44AC w/DCC & Sound, WM #9023
 HO ES44AC w/DCC & Sound, WM #9024

WM FEATURES:

Picture this modern GEVO, wearing WM's famous Circus scheme, waiting to depart Hagerstown with yet another coal train. That is the inspiration behind this model. This is another classic scheme enthusiasts would love to see resurrected. Initially applied to 2nd generation diesels by the WM in the 1960s, the class lines look right at home on a modern GEVO.

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Burlington Northern



Original Photo: Trains Art Director Tom Danneman and Graphic Designer Drew Halverson for more inspired paint schemes <http://on.fb.me/U5R8Ch>



Without Sound

- ATHG83056 HO ES44AC, BN #7901
- ATHG83057 HO ES44AC, BN #7936
- ATHG83058 HO ES44AC, BN #7986
- ATHG83059 HO ES44AC, BN #7990

With Sound

- ATHG83156 HO ES44AC w/DCC & Sound, BN #7901
- ATHG83157 HO ES44AC w/DCC & Sound, BN #7936
- ATHG83158 HO ES44AC w/DCC & Sound, BN #7986
- ATHG83159 HO ES44AC w/DCC & Sound, BN #7990

BN FEATURES:

- Antenna Dome
- Large front snowplow
- Nose door with window
- High number boards
- 4-window cab side windows
- Desktop control stand
- Sunshades
- Salem air filter
- Nathan P3 air horn
- Rear brake wheel
- Hi-adhesion trucks
- High rear sand filler
- Low rear vertical headlight

What if Grinstead Green had never happened? BN's Cascade Green scheme looks right at home on this modern ES44AC. Trains Magazine in 2012 posted a "Trains of Thought" entitled "BNSF: It's time for heritage locomotives" diving into the possible heritage paint schemes of the railroad. The BN in Cascade Green was a natural fit. We were inspired by the artist's rendition but decided to get creative with our own version.



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All Railroads

SOUND EQUIPPED MODELS ALSO FEATURE:

- Onboard DCC decoder with SoundTraxx Tsunami2 sound
- Sound units operate in both DC and DCC
- Full DCC functions available when operated in DCC mode
- Engine, horn, and bell sounds work in DC
- All functions NMRA compatible in DCC mode
- Excellent Slow speed control
- Operating lighting functions with F5 and/or F6
- Program a multiple unit (MU) lashup with lead unit only horn, bell, and lights
- Many functions can be altered via Configuration Value (CV) changes
- CV chart included

PROTOTYPE INFO:

In 2002, GE released the first of a new series of locomotives that would replace the popular Dash-9 series. The ES44DC and ES44AC, commonly called GEVOs for General Electric Evolution series, were designed to meet the stricter diesel locomotive emissions standards imposed by the EPA Tier II regulations. To meet the new standards, GE developed the 12-cylinder GEVO 12 engine. Both the bore and stroke were increased to produce the same 4400 horsepower as the older 7FDL16 16-cylinder engine. The new engine drives an alternator producing AC current that is rectified to DC current. On the ES44DC, this powers the traction motors. On the ES44AC, the DC current is "chopped" back into AC to power the traction motors. The two models share a common 73' 2" frame and external appearance.

The ES44DC and ES44AC external details have changed with almost every year's new orders. These models are of the early version produced in 2005 and 2006 and include the nose door on the left side, two widely-spaced dynamic brake vents, X-panels on the electrical cabinet, side grab irons on the long hood and flush-mounted top radiator grilles and radiator compartment doors.



Photo: Trains Magazine Tom Danneman and Drew Halverson

LOCOMOTIVE FEATURES:

- Illuminated ditch lights
- Low or high front headlight per prototype
- Tinted cab windows
- Large antenna dome
- Small GPS dome
- See through dynamic brake intakes
- Two dynamic brake exhaust vents with wide spacing and flush housing
- Short auxiliary cab rear left-side doors
- Right side forward electrical cabinet with X-Panel
- Nathan K5HL horn
- Engine compartment side grab irons
- Flush radiator compartment doors
- Hand brake panel grille
- Flush heat exchanger housing and top radiator grilles
- 5000-gallon fuel tank
- Era: 2005+
- Minimum radius: 18"
- Recommended radius: 22"

GENESIS DIESEL LOCOMOTIVE FEATURES:

- Fully-assembled and ready-to-run
- DCC-ready features Quick Plug™ plug-and-play technology with 21-pin NEM connector
- Scaled from prototype resources including drawings, field measurements, photographs, and more
- Accurately-painted and -printed paint schemes
- Coupler cut levers
- MU hoses
- Trainline hose
- See through cab windows
- Full cab interior
- Walkway tread
- Fine-scale Celcon handrails for scale appearance
- Windshield wipers
- Lift rings
- Wire grab irons
- Detailed fuel tank with fuel fillers, fuel gauges, breather pipes, and retention tanks
- Sander lines
- McHenry scale knuckle couplers - Kadee compatible
- Genesis driveline with 5-pole skew wound motor, precision machined flywheels, and multi-link drivetrain for trouble free operation
- All-wheel drive with precision gears for smooth and quiet operation
- All-wheel electrical pickup provides reliable current flow
- Wheels with RP25 contours operate on all popular brands of track
- LED Lighting for trouble free operation
- Heavy die-cast frame for greater traction and more pulling power
- Packaging securely holds the model for safe storage
- Replacement parts available



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