






Zeichenerklärung • Símbolos • Symboles • Symbols


 Modelo motorizado, con decoder digital DCC
 Motorized model, with digital DCC decoder
 Modèle motorisé pour courant continu avec décodeur DCC
 Gleichstrommodell, digital mit DCC-Decoder


 Modelo motorizado, con decoder digital y sonido
 Motorized model, with digital decoder and sound
 Modèle motorisé pour courant continu avec décodeur DCC sonorisé
 Gleichstrommodell, digital mit Sound


 Modelo motorizado para AC, con decoder digital
 Motorized model for AC, with digital decoder
 Modèle motorisé pour système 3 rails, courant alternatif
 Wechselstrommodell, digital


 Modelo motorizado para AC, con decoder digital y sonido
 Motorized model for AC, with digital decoder and sound
 Modèle motorisé pour système 3 rails, courant alternatif avec décodeur digital sonorisé
 Wechselstrommodell, digital mit Sound


 Modelo equipado con ruedas para AC
 Model equipped with wheels for AC
 Modèle équipée avec roues pour système 3 rails, courant alternatif
 Wechselstrommodell


 Longitud entre topes, mm
 Overall length in mm
 Longueur hors tampons, mm
 Länge über Puffer in mm


 Modelo con interiores detallados
 Built-in interior details
 Aménagement intérieur
 Inneneinrichtung eingebaut


 Preparado para instalar iluminación interior
 Interior illumination can be installed
 Prééquipé pour éclairage intérieur
 Innenbeleuchtung nachrüstbar


 Modelo con iluminación interior
 Built-in interior illumination
 Modèle avec éclairage intérieur
 Mit eingebauter Innenbeleuchtung


 Matricula iluminada
 Illuminated number plate
 Immatriculation éclairée
 Nummernschild beleuchtet


 Con mecanismo elástico para enganche corto
 Extending coupling mechanism
 Attelages à élongation
 Kurzkupplungs-Mechanik eingebaut


 Sin motor
 Without motor
 Senza motore
 Sans moteur
 Nicht motorisiert


 Enchufe para receptor digital 21 pins (MTC)
 Plug for digital decoder, 21 pins (MTC)
 Prise pour décodeur DCC 21 broches (MTC)
 Lok mit 21-Decoder-Schnittstelle (MTC)

 Enchufe para receptor digital NEM 662 (Next 18)
 Digital plug NEM 662 (Next 18)
 Prise NEM pour décodeur NEM 662 (Next 18)
 Digitalschnittstelle NEM 662 (Next 18)


 Enchufe para receptor digital 8 pins (NEM 652)
 Plug for digital decoder, 8 pins (NEM 652)
 Prise pour décodeur DCC 8 broches (NEM 652)
 Lok mit 8-poliger Decoder-Schnittstelle nach NEM 652


 Enchufe para receptor digital 6 pins (NEM 651)
 Plug for digital decoder, 6 pins (NEM 651)
 Prise pour décodeur DCC 6 broches (NEM 651)
 Lok mit 6-poliger Decoder-Schnittstelle nach NEM 651

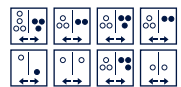
 Pantógrafa con toma de corriente funcional
 Power supply can be switched to catenary
 Prise de courant par caténaire fonctionnelle
 Umschaltbar auf Oberleitungsbetrieb

 Ventilador motorizado
 Motorized fan
 Ventilateur motorisé
 Elektrisch angetriebener Ventilator


 Chasis de metal
 Metal chassis
 Châssis en métal
 Metallfahrgestell

 Motor con volante de inercia
 Motor with flywheel
 Moteur avec volant d'inertie
 Motor mit Schwungmasse

 Topes con muelle
 Sprung buffers
 Tampons avec ressort
 Federpuffer

 Locomotora con luces reversibles blancas y rojas
 Locomotive with white/red reversing headlights
 Eclairage avec inversion blanc/rouge
 Spitzen- und Schlussbeleuchtung mit der Fahrtrichtung wechselnd

 Nuevo molde
 New tooling
 Nuovi stampi
 Nouvel outillage
 Formneuheit

 Nueva modificación
 Tooling modification
 Modifiche di stampo
 Modification d'outillage
 Formvariante

 Época I: 1848 - 1920

 Época II: 1921 - 1940

 Época III: 1941 - 1970

 Época IV: 1971 - 1990

 Época V: 1991 - 2006

 Época VI: Desde 2007

 Deutsche Reichsbahn-Gesellschaft

 Deutsche Reichsbahn

 Deutsche Reichsbahn (ehem. DDR)

 Deutsche Bundesbahn (ehem. BRD)

 Deutsche Bahn AG

 Italian open-access railfreight operator

 RENFE, Red Nacional de los Ferrocarriles Españoles



 SNCF, Société Nationale des Chemins de Fer Français

 Ferrovie dello Stato

 Schweizerische Bundesbahnen

 Dutch Railways

 Danish State Railways

 Luxembourg Railways

 'Compagnie des Wagons-Lits brand, logo and related signs:
 (c) & TM Wagons-Lits Diffusion, Paris'

 1:87

 1:160

 1:120



- HO
- N
- TT
- 2



HN2416/HN2416S

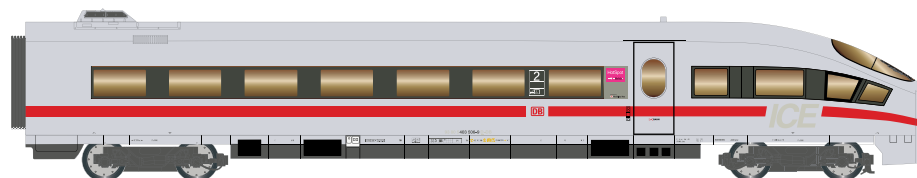
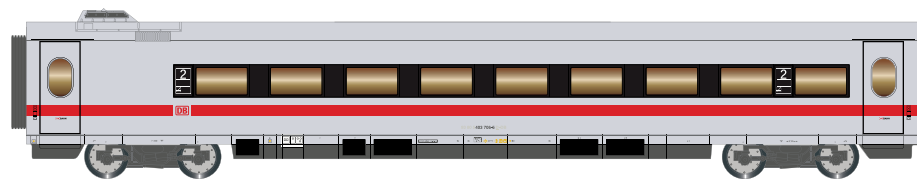
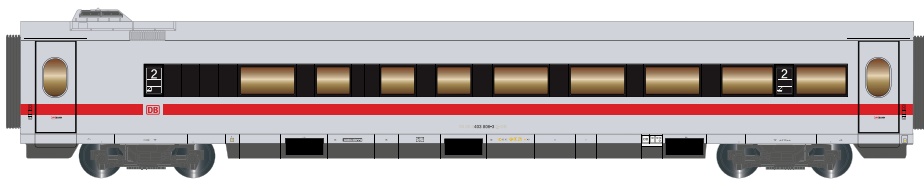
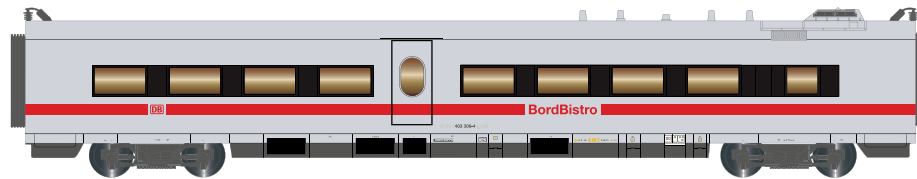
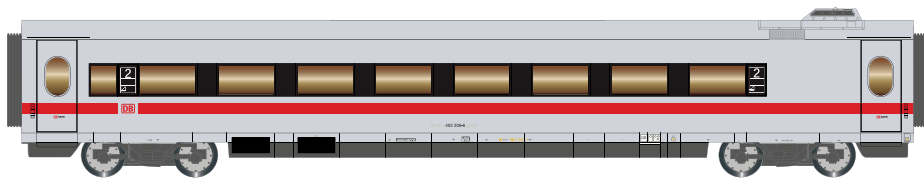
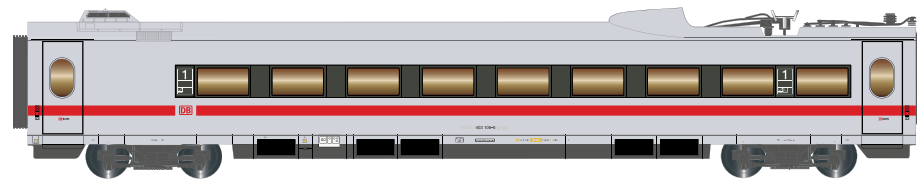
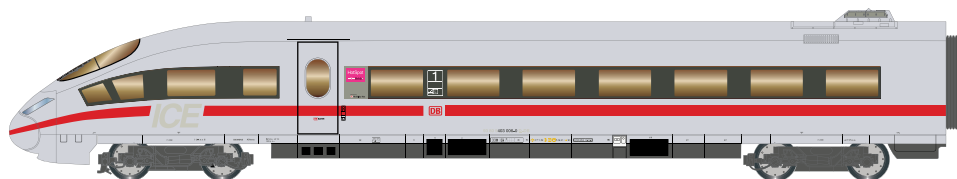


DB AG

DB AG, 8-tlg. Zugset ICE 3, BR 403 in lichtgrauer Lackierung, Ep. VI

DB AG, treno ICE a 8 unita BR 403, livrea grigio luce, epoca VI

DB AG, 8-unit highspeed EMU, ICE 3 class 403, light grey livery, period VI



HO

N

TT

3



HN2417/HN2417S

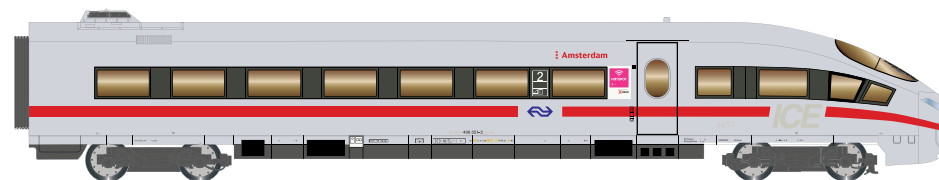
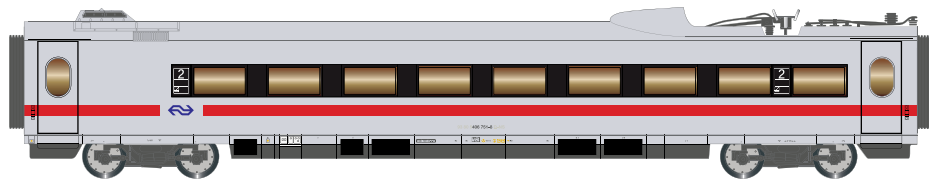
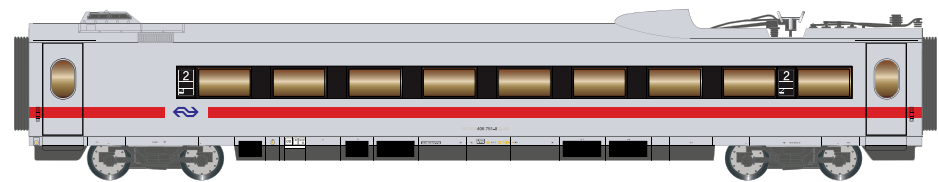
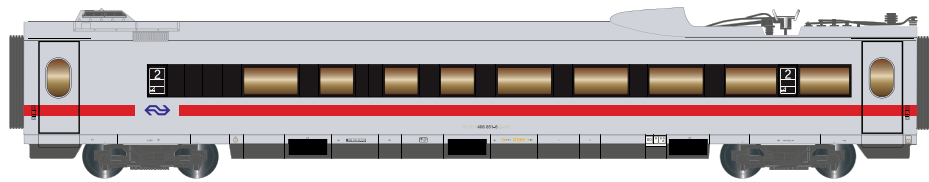
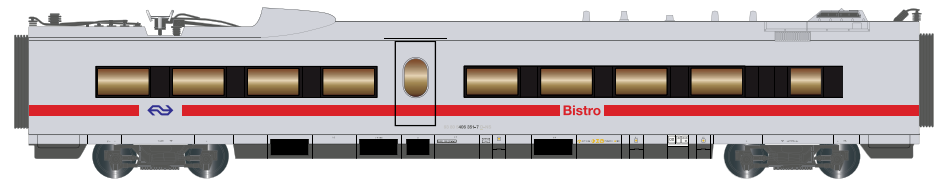
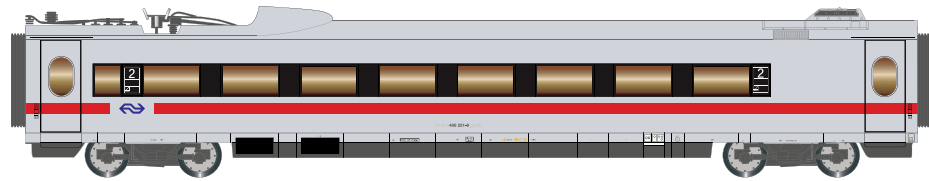
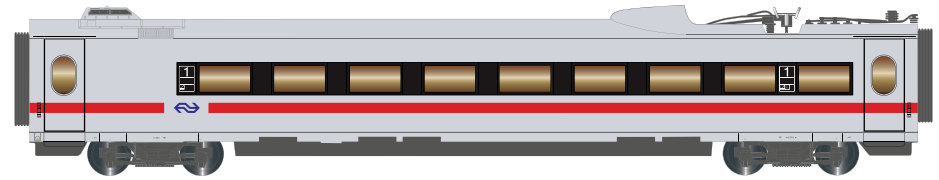
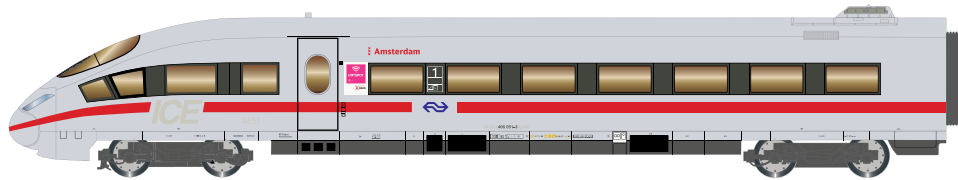


NS/DB AG

NS, 8-tlg. Zugset ICE 3, BR 406 in lichtgrauer Lackierung, Ep. VI

NS, treno ICE a 8 unità BR 406, livrea grigio luce, epoca VI

NS, 8-unit highspeed EMU, ICE 3 class 406, light grey livery, period VI



HO

N

TT

4



HN2445/HN2445D/HN2445S



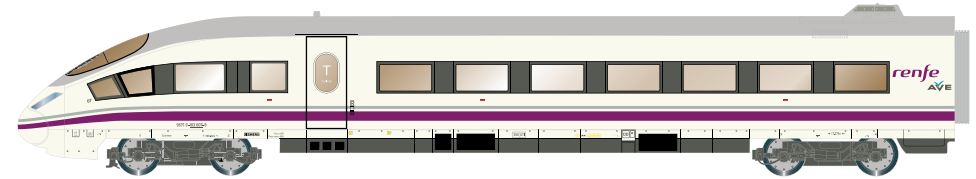
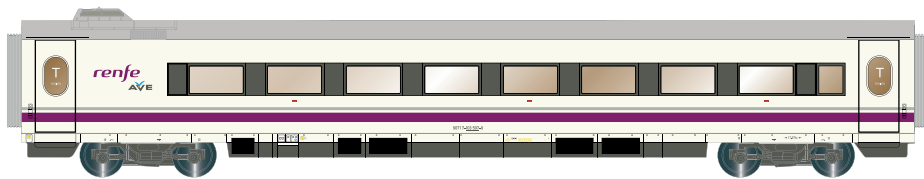
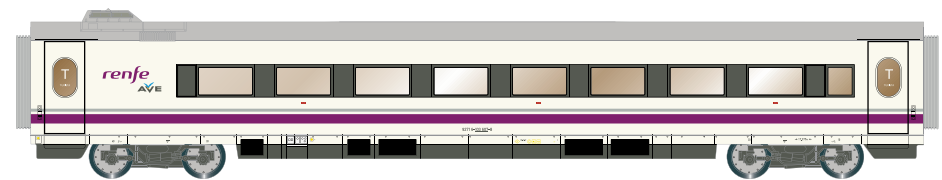
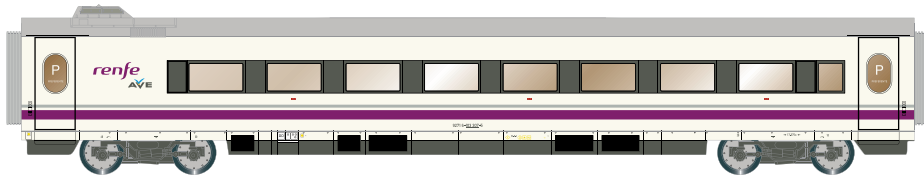
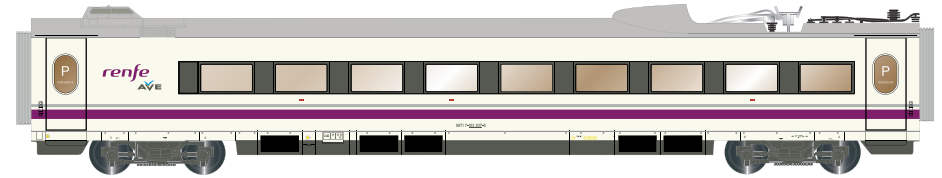
RENFE

RENFE, AVE S-103, tren de alta velocidad, set completo de 8 unidades, ép. VI

RENFE, 8-teil. Hochgeschwindigkeitszug AVE S-103 in perlmutt-violetter Farbgebung, Ep. VI

RENFE, treno AVE S-103 a 8 unita, livrea grigio luce, epoca VI

RENFE, 8-unit highspeed EMU, AVE S-103 in perlescent/purple livery, period VI



HO

N

TT

5



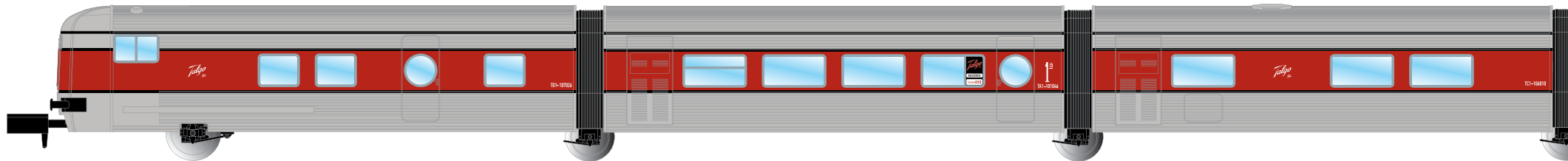
Falk2 - Wikimedia



HN4270 IV ⁴³⁰ K RENFE

RENFE, "Talgo III", set principal de 6 coches, época IV

- RENFE, Talgo III, 6-teilig. Grundset, Ep. IV
- RENFE, set di 6 carrozze "Talgo III", epoca IV
- RENFE, Talgo III, 6-unit base pack, period IV



HO

N

TT

6



HN4271 IV ¹³⁸ (← →) K RENFE

RENFE, "Talgo III", set adicional de 2 coches, época IV

RENFE, Talgo III, 2-teilig. Set Zwischenwagen 1. und 2. Klasse, Ep. IV

RENFE, set di 2 carrozze "Talgo III", epoca IV

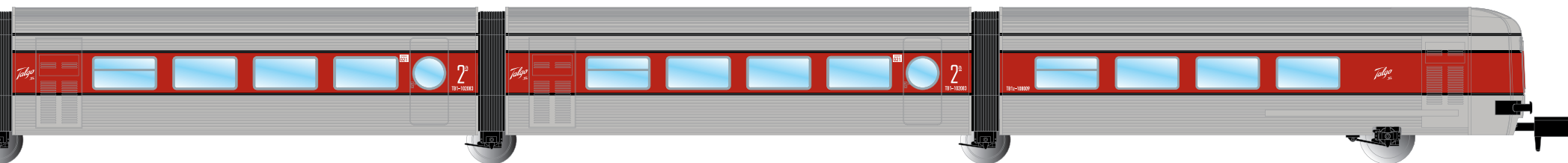
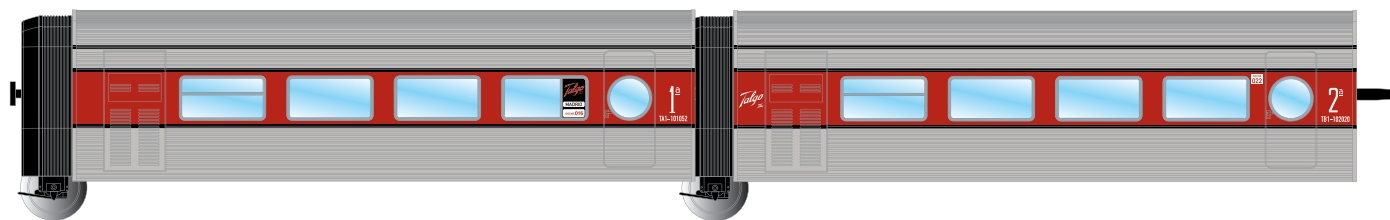
RENFE, Talgo III, 2-unit pack 1st and 2nd class intermediate coaches, period IV



Talgo "Miguel de Unamuno"

En agosto de 2001 el servicio Diurno "Miguel de Unamuno" pasó a realizarse con tres ramas Talgo III acopladas que eran segregadas para llegar a sus diferentes destinos. Eran las ramas de Barcelona a Bilbao, Barcelona a Irún y Barcelona a Salamanca.

El 26 de junio de 2009 circuló por última vez este tren formado por tres ramas Talgo III.



HO

N

TT

7



HN4272 IV 480 K RENFE

RENFE, "Trenhotel Talgo", set principal de 6 coches, versión azul y beige, época IV

RENFE, Trenhotel Talgo, 6-teilig. Grundset in originaler blau-beiger Farbgebung, Ep. IV

RENFE, set di 6 carrozze "Trenhotel Talgo", época IV

RENFE, Trenhotel Talgo, 6-unit base set in original blue/beige livery, period IV

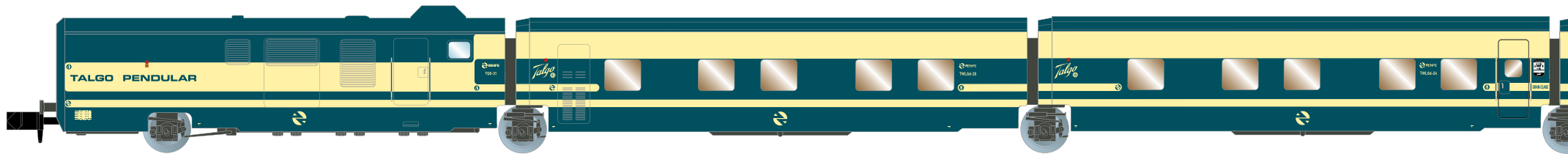


Talgo Trenhotel EC 407 "Francisco de Goya"

El 31 de mayo de 1981 se inauguró el servicio Paris-Madrid-Talgo a cargo del tren Talgo Pendular RD.

Este servicio se modificó en 1996 cuando se comenzó a prestar con trenes Talgo Pendular serie VI, recibiendo la denominación de "Trenhotel Francisco de Goya".

El 10 de diciembre de 2013 se realizó el último viaje con este tipo de material.



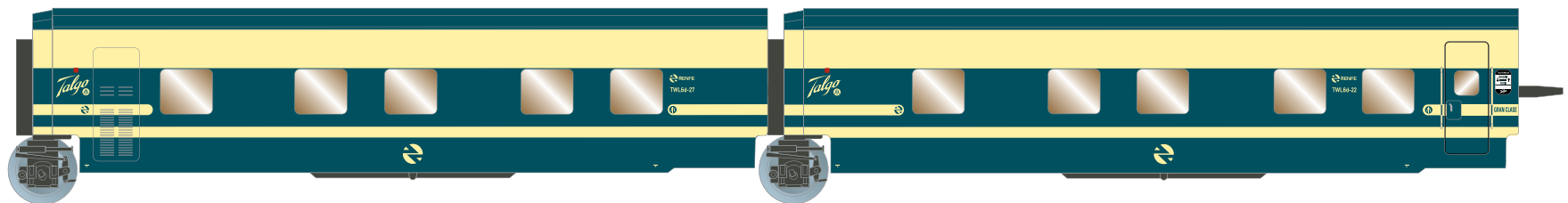
HN4273 IV 164 K RENFE

RENFE, "Trenhotel Talgo", set adicional de 2 coches, versión azul y beige, época IV

RENFE, Trenhotel Talgo, 2-teilig. Set Schlafwagen in originaler blau-beiger Farbgebung, Ep. IV

RENFE, set di 2 carrozze "Trenhotel Talgo", época IV

RENFE, Trenhotel Talgo, 2-unit pack sleeping coaches in original blue/beige livery, period IV



HO

N

TT

8

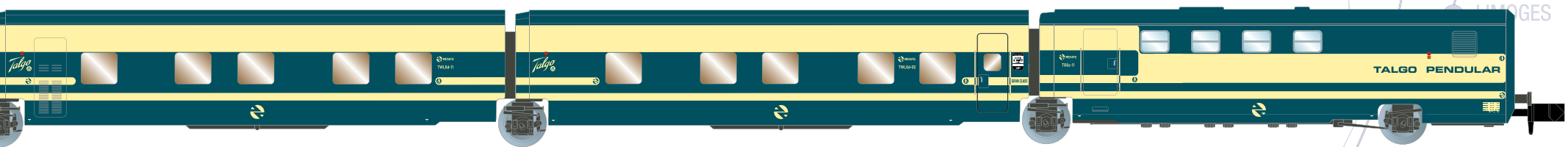
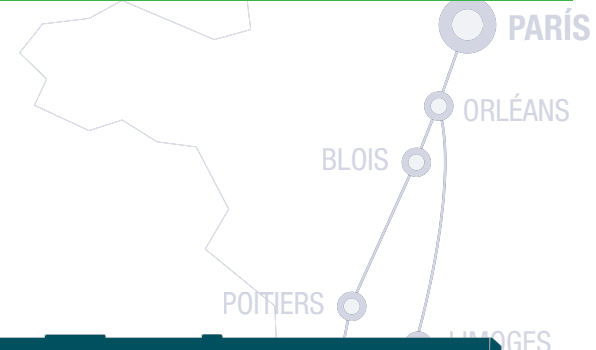
“

Talgo Train Hotel EC 407 “Francisco de Goya”

Le 31 mai 1981 a été inaugurée la ligne en service Paris – Madrid – Talgo avec le train Talgo Pendular RD.

Ce service a été modifié en 1996 lors de l'utilisation des trains Talgo Pendular série VI, à qui a été attribuée la dénomination de « Train Hotel Francisco de Goya ».

Le 10 décembre 2013 a eu lieu le dernier voyage avec ce type de matériel.



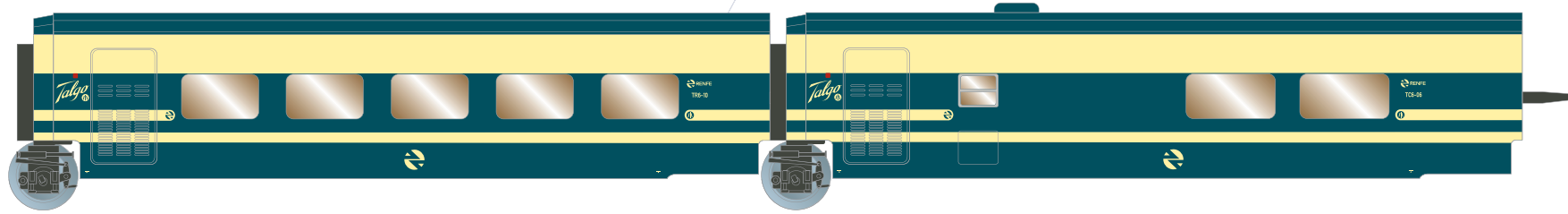
HN4274 IV 164 K RENFE

RENFE, “Trenhotel Talgo”, set adicional con cafetería, versión azul y beige, época IV

RENFE, Trenhotel Talgo, 2-teilig. Set Schlafwagen in originaler blau-beiger Farbgebung, Ep. IV

RENFE, set di 2 carrozze “Trenhotel Talgo”, epoca IV

RENFE, Trenhotel Talgo, 2-unit pack sleeping coaches in original blue/beige livery, period IV



HO

N

TT

9

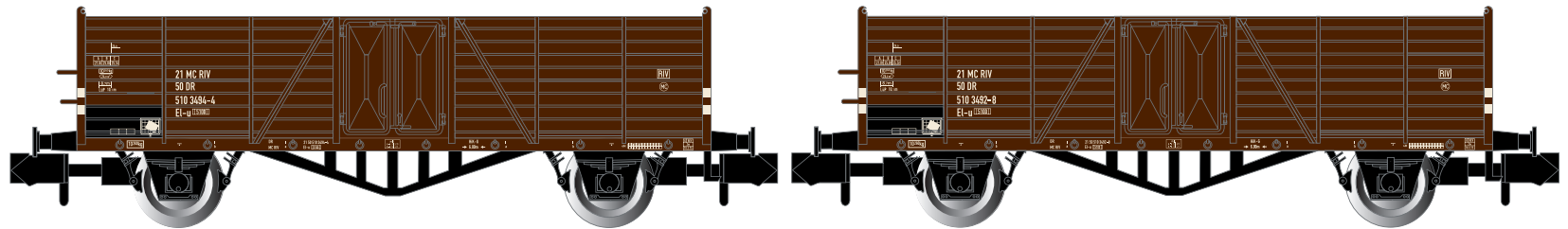


HN6381 IV 126 K DR

DR, 2-tlg. Set offene Güterwagen EI-u (ex Villach) in brauner Lackierung, Ep. IV

DR, set di 2 carri aperti EI-u, livrea marrone, epoca IV

DR, 2-unit set 2-axle open wagons EI-u (ex Omm Villach), brown livery, period IV



HN6382 II 126 K DRB

DRB, 2-tlg. Set offene Güterwagen Omm Villach in brauner Lackierung, Ep. II

DRB, set di 2 carri aperti Omm "Villach", livrea marrone, epoca II

DRG, 2-unit set 2-axle open wagons Omm Villach, brown livery, period II



HO

N

TT

10



**ÖBB, 2-tlg. Set offene Güterwagen Omm
(ex Omm Villach) in brauner Lackierung, Ep. III**

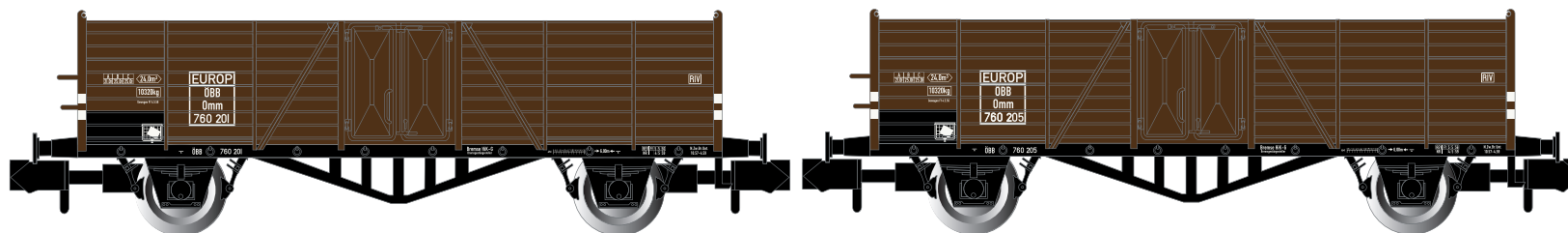
ÖBB, set di 2 carri aperti Omm, livrea marrone, epoca III

ÖBB, 2-unit set 2-axle open wagons Omm (ex Omm Villach), brown livery, period III



Güterwagen der Bauart "Villach"

Die offenen Güterwagen der Bauart "Villach" gehörten zu den meistgebauten Güterwagen der Deutschen Reichsbahn. Obwohl sie zu den Kriegsbauarten zählen, waren diese offenen Güterwagen mit 8,70 Meter Ladelänge und einer Tragfähigkeit von 27,5 Tonnen, eine der modernsten Güterwagenbauarten jener Zeit. Über 49.000 Stück wurden zwischen 1941 und 1945 beschafft. Es ist daher nicht verwunderlich das diese Güterwagen nach dem zweiten Weltkrieg in vielen europäischen Bahnverwaltungen angetroffen werden konnten, so zum Beispiel bei der Deutschen Reichsbahn in der DDR, wo diese Güterwagen unter anderem bis Ende der siebziger/Anfang der achtziger Jahre im Einsatz standen. Aber auch in Österreich verblieben nach dem Krieg Wagen dieser Bauart. Die Österreichischen Bundesbahnen brachte etliche Wagen dieses Typs, genau wie die Deutsche Bundesbahn auch, Anfang der fünfziger Jahre in den neu aufgestellten „EUROP“-Güterwagenpark ein. In den sechziger Jahren erfolgte bei der DB und den ÖBB eine umfassende Modernisierung dieser Güterwagen, wobei sie unter anderem auch neue Blechwände erhielten.



HO

N

TT

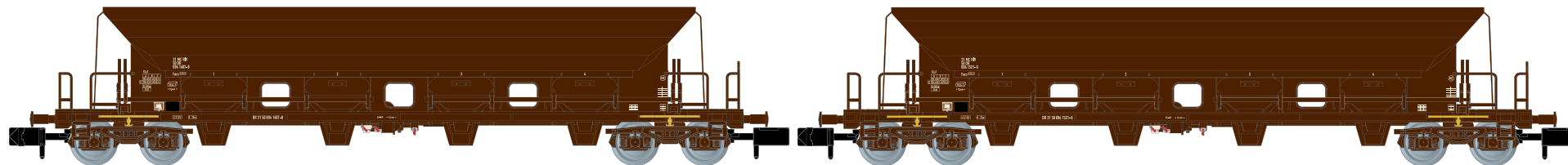
11



HN6388 IV ²³⁹ K DR

DR, 2-tlg. Set vierachsige Selbstentladewagen Facs in brauner Lackierung, beladen mit Braunkohle, Ep. IV

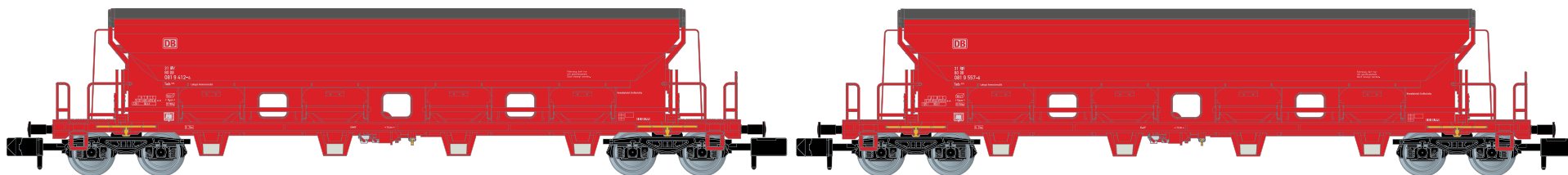
DR, set di 2 carri tramoggia Facs, livrea marrone, con carico di carbone, epoca IV
 DR, 2-unit set 4-axle hopper wagons Facs, brown livery, loaded with brown coal, period IV



HN6389 V-VI ²³⁹ K DB AG

DB AG, 2-tlg. Set vierachsige Schwenkdachwagen Tads in verkehrsroter Lackierung, Ep. V-VI

DB AG, set di 2 carri tramoggia con tetto Tads, livrea rosso traffico, epoca V-VI
 DB AG, 2-unit set 4-axle hopper wagons with sliding roof Tads, traffic red livery, period V-VI



HO

N

TT

12

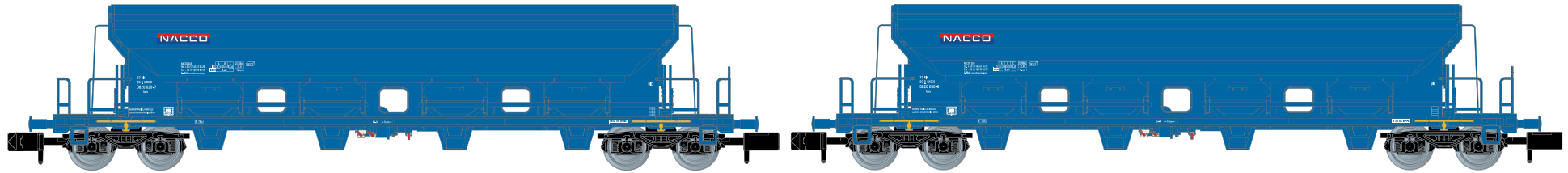


HN6390 VI ²³⁹ K NACCO

NACCO, 2-tlg. Set vierachsige Schwenkdachwagen Tads in blauer Lackierung, Ep. VI

NACCO, set di 2 carri tramoggia con tetto Tads, livrea azzurro, epoca VI

NACCO, 2-unit set 4-axle hopper wagons with sliding roof Tads, blue livery, period VI

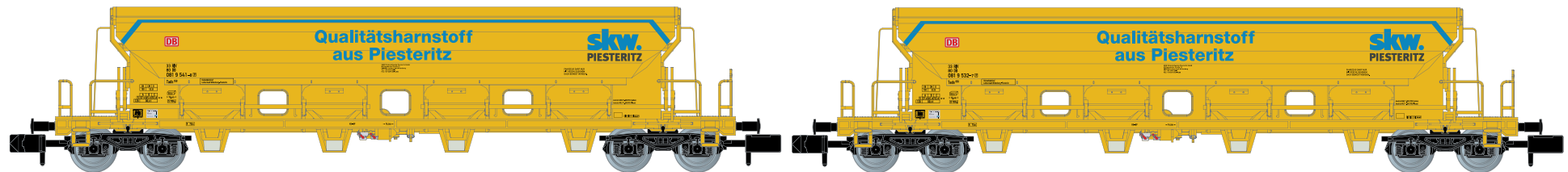


HN6391 V-VI ²³⁹ K DB AG

DB AG, 2-tlg. Set vierachsige Schwenkdachwagen Tads in gelber Lackierung, Ep. V-VI

DB AG, set di c2 carri tramoggia con tetto Tads, livrea giallo, epoca V-VI

DB AG, 2-unit set 4-axle hopper wagons Tads, in yellow livery, "SKW PIESTERITZ"



HO

N

TT

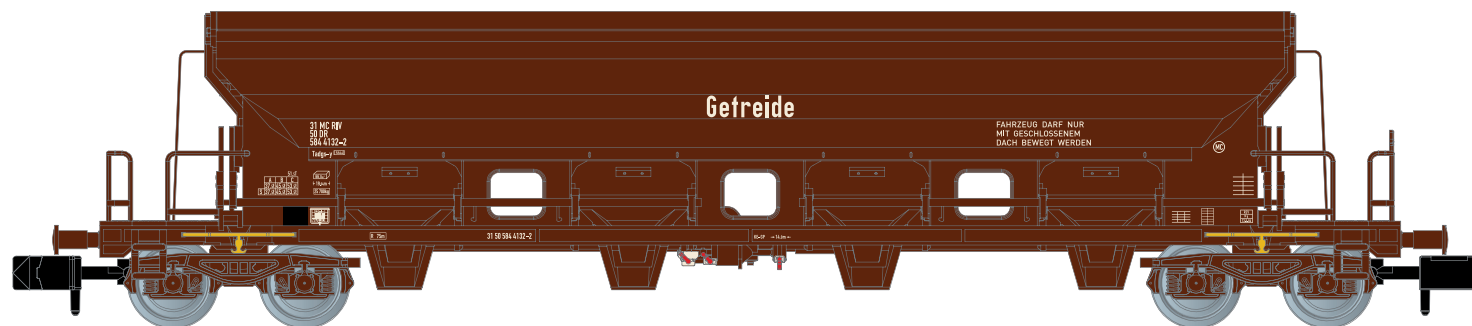
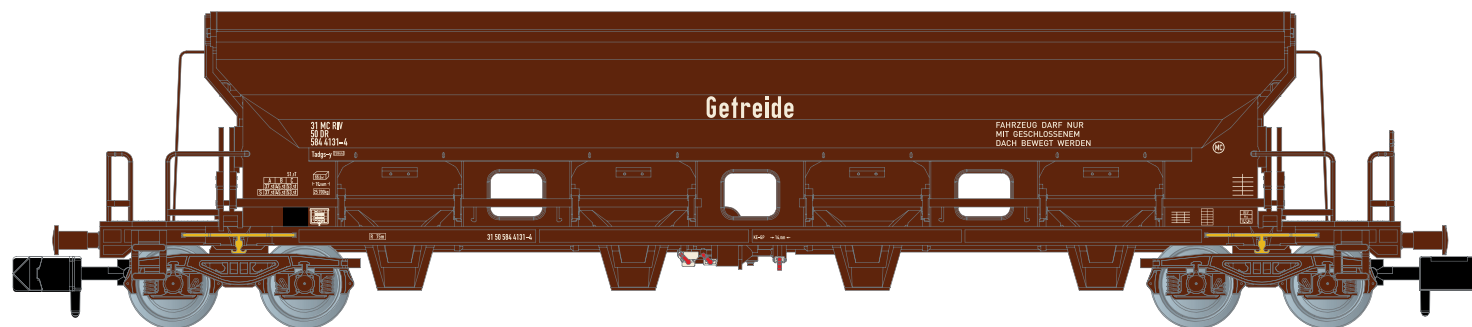
13



DR, 2-tlg. Set vierachsige Schwenkdachwagen in brauner Lackierung, "Getreide", Ep. IV

DR, set di 2 carri tramoggia con tetto Tadgs, livrea marrone, "Getreide", epoca IV

DR, 2-unit set 4-axle hopper wagons Tadgs, brown livery, "GETREIDE", period IV



HO

N

TT

14

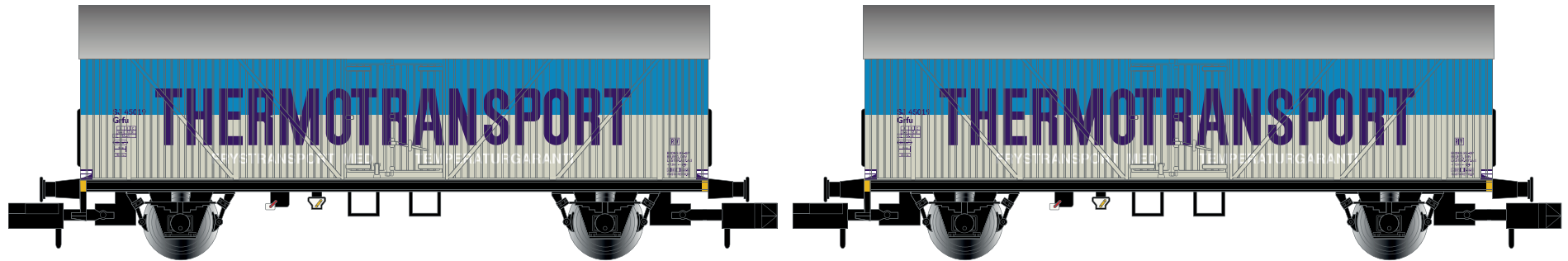


HN6402 III 73 K SJ

SJ, 2-tlg. Set Kühlwagen in blau/grauer Lackierung, "THERMOTRANSPORT", Ep. III

SJ, carro refrigerante, livrea azzurro e grigio, "THERMOTRANSPORT", epoca III

SJ, 2-unit set refrigerated wagons, blue grey livery, "THERMOTRANSPORT", period III

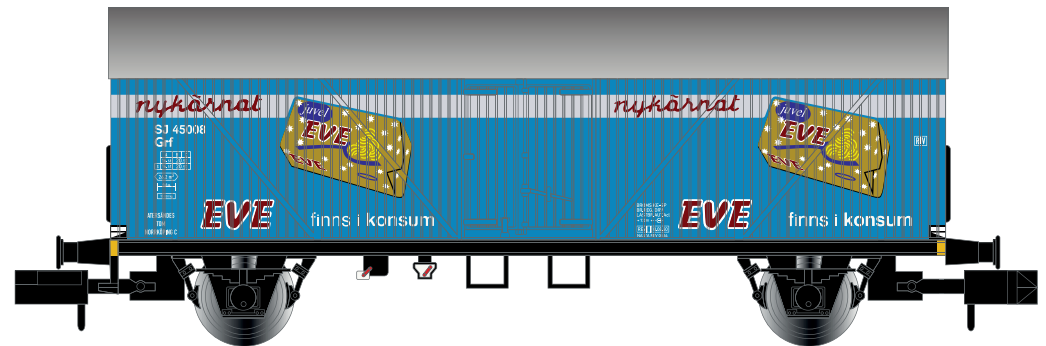


HN6403 III 73 K SJ

SJ, Kühlwagen in blauer Lackierung, "nykarnat", Ep. III

SJ, carro refrigerante, livrea azzurro, "nykarnat", epoca III

SJ, refrigerated wagon, blue livery, "nykarnat", period III



HO

N

TT

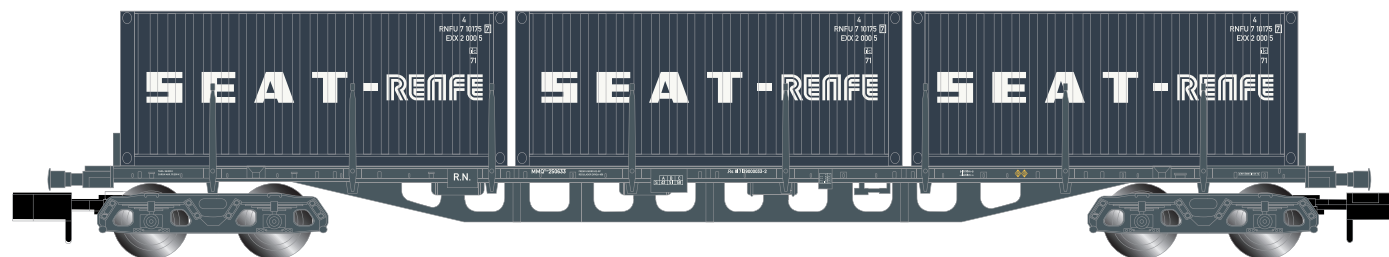
15



HN6404 IV ¹³¹ K RENFE

RENFE, vagón plataforma 4 ejes, cargado con 3 contenedores azules "SEAT"

RENFE, 4-achs. Containerwagen der Bauart Rgs, schwarz, beladen mit drei "SEAT"-Containern, Ep. IV
 RENFE, set di 2 carri pianali Rgs, livrea nero, caricato co 3 x 20' container "SEAT", epoca IV
 RENFE, 4-axle flatwagon type Rgs, black version, loaded with three "SEAT" containers, period IV



HN6405 V ¹³¹ K RENFE

RENFE, vagón plataforma 4 ejes en color azul, cargado con contenedor "Central Lechera Asturiana", época V

RENFE, 4-achs. Containerwagen der Bauart Rgs, blau, beladen mit einem Container "Central Lechera Asturiana", Ep. V
 RENFE, carro pianale Rgs, livrea azzurro, caricato con container "Central Lechera Asturiana", epoca V
 RENFE, 4-axle flatwagon type Rgs, blue version, loaded with a "Central Lechera Asturiana" container, period V



HO

N

TT

16



HN6406

V

131
← →

K

RENFE

RENFE, vagón plataforma 4 ejes en versión gris y verde, cargado con planchas de acero

RENFE, 4-achs. Containerwagen der Bauart Rgs, grün-graue Ausführung, beladen mit Stahlblechen

RENFE, carro pianale Rgs, livrea verde e grigio, caricato con lamiera di acciaio

RENFE, 4-axle flatwagon type Rgs, green/grey livery, loaded with steel slabs



HN6407

V

131
← →

K

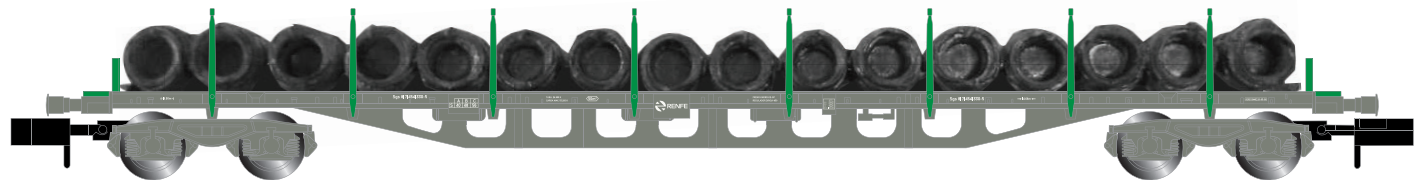
RENFE

RENFE, vagón plataforma 4 ejes en versión gris y verde, cargado con bobinas de alambre

RENFE, 4-achs. Containerwagen der Bauart Rgs, grün-graue Ausführung, beladen mit Drahtrollen

RENFE, carro pianale Rgs, livrea verde e grigio, caricato con bobine di filo

RENFE, 4-axle flatwagon type Rgs, green/grey livery, loaded with wire coils



HO

N

TT

17



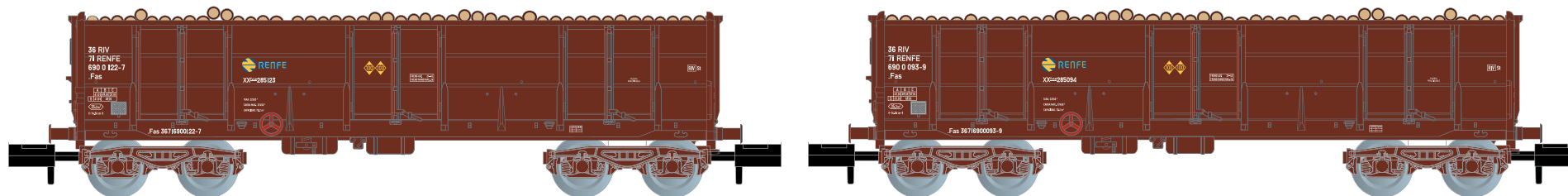
HN6411 IV 172 K RENFE

RENFE, set de 2 vagones Ealos en color marrón, cargados con troncos, época IV

RENFE, 2-teilig. Set 4-achs. offener Güterwagen der Bauart Ealos, braun, beladen mit Baumstämmen, Ep. IV

RENFE, set di 2 carri aperti Ealos, livrea marrone, caricato con tronchi d'albero

RENFE, 2-unit set open wagons, type Ealos, brown livery, loaded with logs, period IV



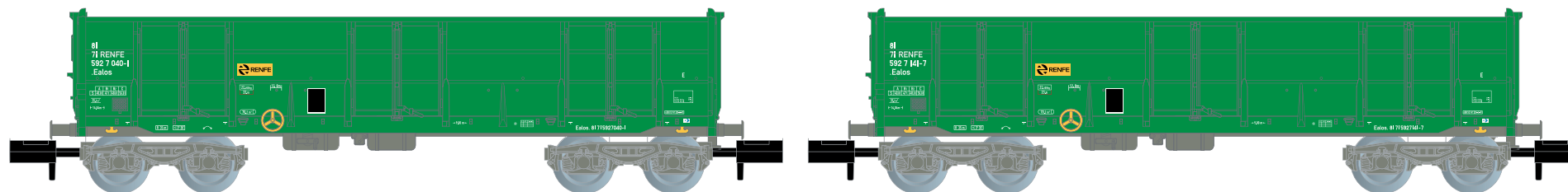
HN6412 V 172 K RENFE

RENFE, set de 2 vagones Ealos en color verde, época V

RENFE, 2-teilig. Set 4-achs. offener Güterwagen der Bauart Ealos, grün mit modernem RENFE-Logo,

RENFE, set di 2 carri aperti Ealos, livrea verde, nuovo "RENFE"-logo, epoca V

RENFE, 2-unit set open wagons, type Ealos, green livery with modern RENFE logo, empty, period V



HO

N

TT

18



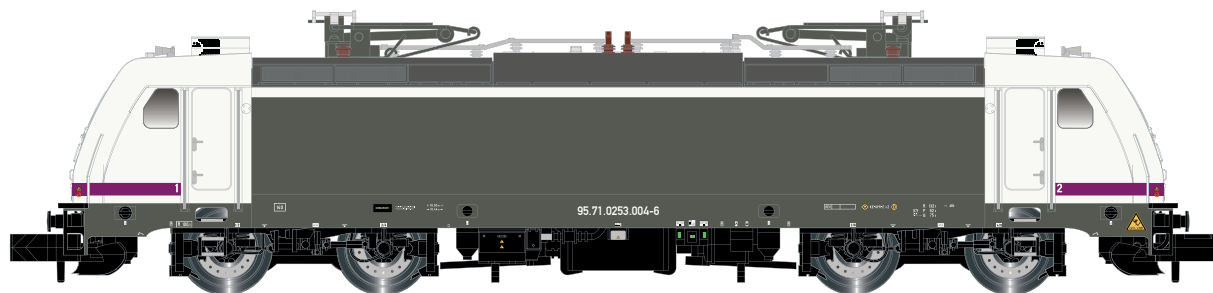
HN2444/HN2444D VI 118 RENFE

RENFE Operadora, Elektrolokomotive, Reihe 253, Ausführung ohne Logos, Ep. VI

RENFE, locomotiva elettrica serie 253, livrea grigio e bianco, versione senza logo, epoca VI
RENFE Operadora, locomotora electrica, serie 253, versión sin logos, ep. VI
RENFE Operadora, electric locomotive, class 253, version without logos, period VI



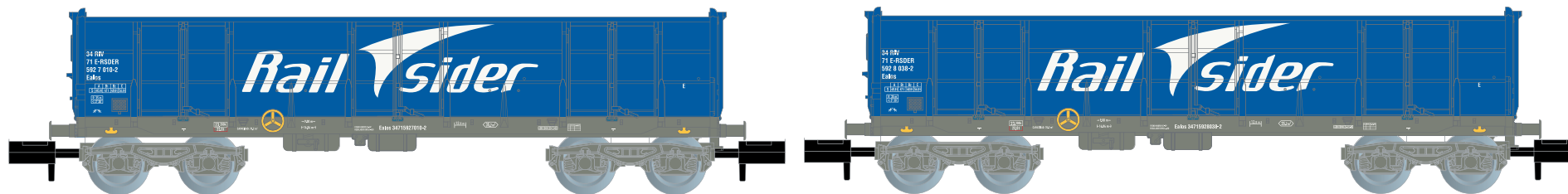
RENFE Alquiler dispone de varias de locomotoras de la serie 253 para su arrendamiento. Clientes habituales son empresas como COMSA o Transfesa. Por esto estas locomotoras circulan sin logos RENFE.



HN6413 172 Railslider

RailSider, set de 2 vagones Ealos en color azul, época VI

Railsider, 2-tlg. Set 4-achs. offenerer Güterwagen der Bauart Ealos, blau, ohne Beladung, Ep. VI
Railsider, set di 2 carri aperti Ealos, livrea azzurro, epoca VI
Railsider, 2-unit set open wagons, type Ealos, blue, empty, period VI



HO

N

TT

19



HN2435/HN2435D **FS**

FS, Elektrolokomotive BR E483 in rot/silberner Lackierung, "MERCITALIA RAIL", Ep. VI

FS, locomotiva elettrica E 483, livrea "MERCITALIA RAIL", epoca VI
 Mercitalia Rail/FS, locomotora electrica, serie E483, versión roja y gris metalizado
 FS, electric locomotive class E 483, red/silver livery, "MERCITALIA RAIL", period VI



HN6414 **FS**

FS, set di 3 carri aperti Eaos, livrea marrone, caricato con rottame, epoca IV-V

FS, 3-tlg. Set vierachsige offene Güterwagen Eaos in brauner Lackierung, beladen mit Schrott, Ep. Iv-V
 FS, 3-unit set 4-axle open wagons Eaos, brown livery, loaded with scrap, period IV-V



Uno degli principali utilizzi di oggi per i carri merci aperti è il trasporto di rottami metallici. Il nostro nuovo set di 3 pezzi comprende tre di questi mezzi e una riproduzione fedele di un carico di rottami metallici. Locomotiva adatta: HN2446

Eines der heutigen Haupteinsatzgebiete für offene Güterwagen ist der Transport von Metallschrott. Unser neues, 3-teiliges Set bildet drei dieser Wagen dar. Sie sind mit einer täuschend echt wirkenden Nachbildung von Metallschrott beladen. Passende Lokomotive: HN2446



HO

N

TT

20



FS, carri chiusi Hbillns con pareti scorrevoli, set 3 unità, epoca IV-V

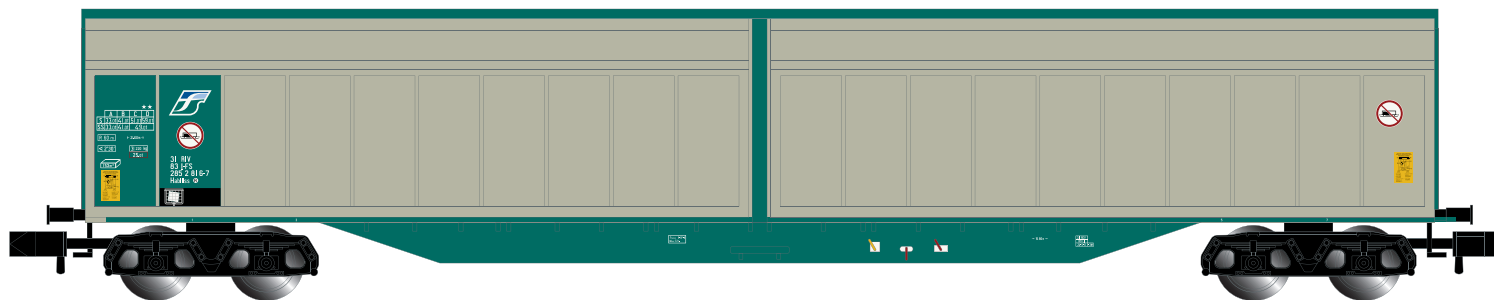
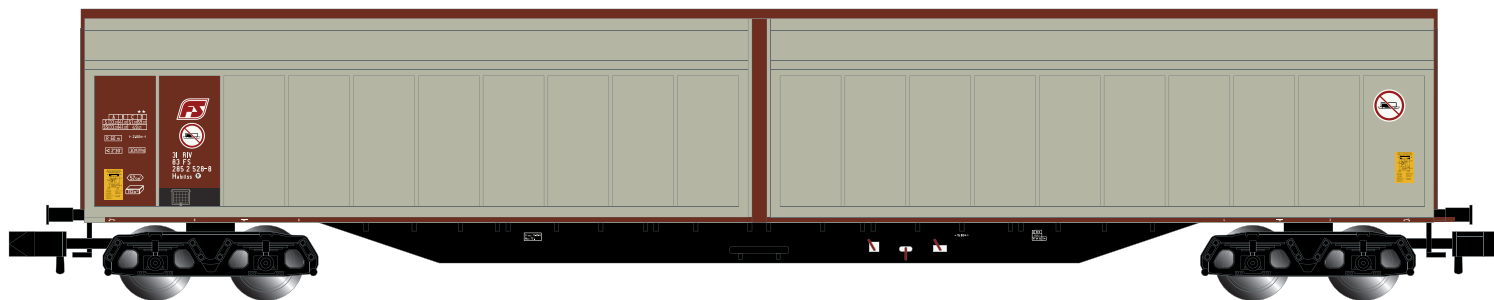
FS, 3-tlg. Set vierachsige Schiebewandwagen Habills in silber/brauner bzw. silber/grüner Lackierung, Ep. V

FS, 3-unit set 4-axle sliding-wall wagons Habills, silver/brown resp. silver/green livery, period V



Oltre al trasporto di container, i moderni carri a pareti scorrevoli ad alta capacità dominano il traffico merci ferroviario di oggi in Italia. Questo set è adatto per le nostre nuove locomotive HN2435/D e HN2446.

Neben dem allgegenwärtigen Containertransport dominieren moderne Großraumschiebewandwagen den heutigen Schienengüterverkehr in Italien. Passend zu unseren neuen Lokomotiven HN2435/D und HN2446 bieten wir dieses bunt gemischte Set an.



HO

N

TT

21

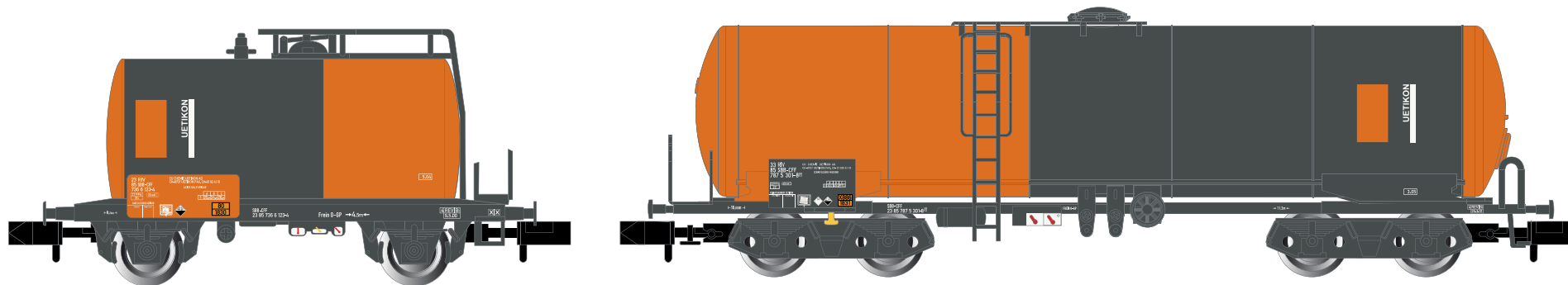


HN6398 V-VI 155 K SBB

SBB, 2-tlg. Set Kesselwagen in rot/grauer Lackierung, bestehend aus einem zwei- und einem vierachsigem Kesselwagen "UETIKON", Ep. V-VI

SBB, set di 2 carri cisterna, livrea grigio e arancio, epoca V-VI

SBB, 2-unit set tank wagons, red / grey livery, contains 1 x 2-axle tank wagon and 1 x 4-axle Tank wagon "UETIKON", period V-VI



HN6399 VI 100 K SBB/NS

SBB/NS, vierachsiger Kesselwagen in roter Lackierung, "NS-Cargo", Ep. VI

SBB, carro cisterna, livrea rosso, "NS Cargo", epoca VI

SBB/NS, 4-axle tank wagon, red livery, "NS Cargo", period VI



HO

N

TT

22



HN6393 V-VI ⁸⁶ K SNCF

SNCF, Wagon citerne à bogie, livrée gris/jaune, transport de soufre, époque V-VI

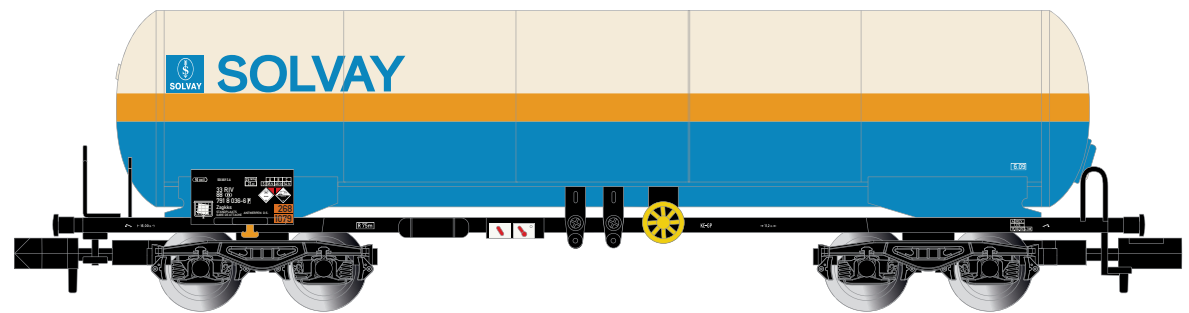
SNCF, vierachsiger Kesselwagen (isoliert) in grau/gelber Lackierung, für den Transport von Schwefel, Ep. V-VI
SNCF, carro cisterna, livrea grigio e giallo, per il trasporto di zolfo, epoca V-VI
SNCF, 4-axle isolated tank wagon, grey/yellow livery, for the transport of sulphur, period V-VI



HN6419 V-VI ¹⁰⁰ K SNCB

SNCB, vierachsiger Gaskesselwagen in blau/weißer Lackierung, "SOLVAY", Ep. V-VI

SNCB, carro cisterna (per il trasporto di gas), livrea bianco e azzurro, "SOLVAY", epoca V-VI
SNCB, 4-axle gas tank wagon, white/blue livery, "SOLVAY", period V-VI



HN6420 V-VI ¹⁰⁰ K SNCB

SNCB, vierachsiger Gaskesselwagen in weißer Lackierung, "GANDAGAS", Ep. V-VI

SNCB, carro cisterna (per il trasporto di gas), livrea bianco, "DANDAGAS", epoca V-VI
SNCB, 4-axle gas tank wagon, white livery, "GANDAGAS", period V-VI



HO

N

TT

23



HO
N
TT
24

© Roland Lange

**HN9043****DR, Dampflokomotive BR 95 in rot/schwarzer Lackierung, mit Kohlefeuerung, Ep. III**

DR, locomotiva a vapore, BR 95, carbone, ep. III

DR, locomotora de vapor tanque, BR 95, en versión carbón, negra y roja, ep. III

DR, locomotive à vapeur, BR 95, charbon, ep. III

DR, steam locomotive class 95, red/black livery, coal fired, period III

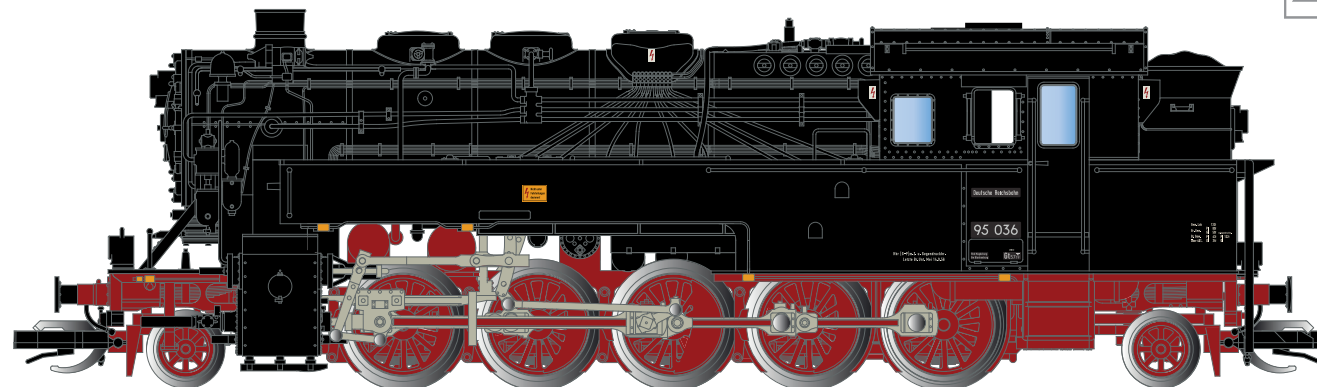
Modellausführung:

3-domiger Altbaukessel mit Kohlefeuerung

Nachbildung der "Riggenbach-Gegendruckbremse"

Speisepumpe Bauart "Knorr"

Rbd Magdeburg – Bw Blankenburg

**HN9044****DR, Dampflokomotive BR 95 in rot/schwarzer Lackierung, mit Ölfeuerung, Ep. IV**

DR, locomotiva a vapore, BR 95, combustibile nafta, ep. IV

DR, locomotora de vapor tanque, BR 95, en versión fuel, negra y roja, ep. IV

DR, locomotive à vapeur, BR 95, fuel, ep. IV

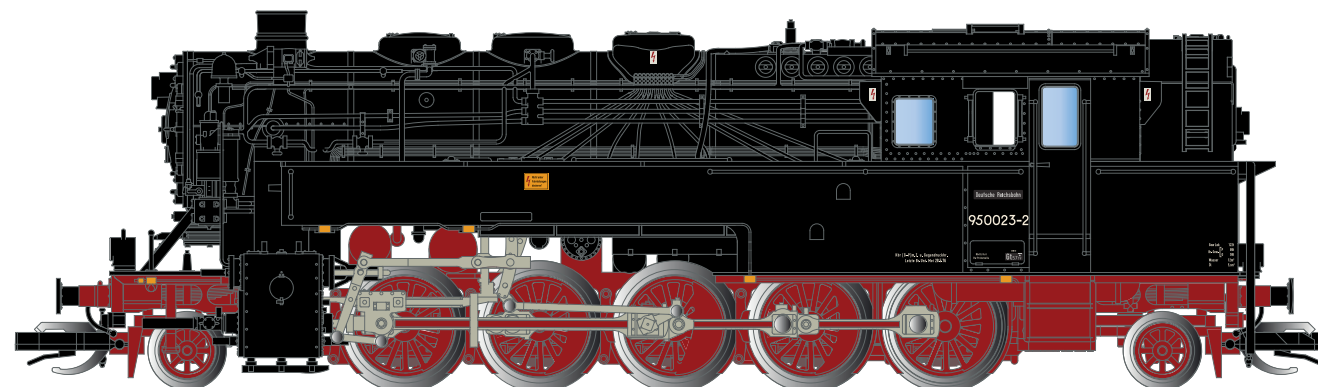
DR, steam locomotive class 95, red/black livery, oil fired, period IV

Modellausführung:

3-domiger Altbaukessel mit Ölhauptfeuerung

Speisepumpe Bauart "Kp 4-250"

Rbd Erfurt – Bw Probstzella



HO

N

TT

25

Jouef®



Prix Jouef 2018



HJ2276/HJ2277



SNCF

SNCF, locomotive à vapeur 141.R.1155, verte, tender fuel
grande capacité 13 m3, époque III

SNCF, steam locomotive 141.R.1155, green, with high capacity fuel
tender, period III



HO

N

TT

26



HJ2351/HJ2351S



SNCF

**SNCF, locomotive à vapeur 141.R.463 (dépôt Venissieux)
avec tender charbon 30.R.463, époque III**

SNCF, steam locomotive 141.R.463 (Venissieux) with coal tender
30.R.463, period III



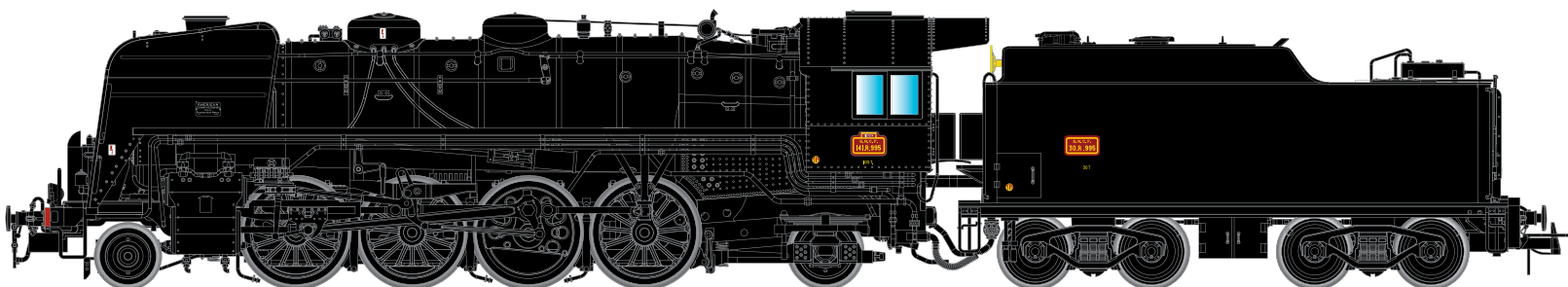
HJ2352/HJ2352S



SNCF

**SNCF, locomotive à vapeur 141.R.995 (dépôt Venissieux)
avec petit tender fuel 30.R.995, époque III**

SNCF, steam locomotive 141.R.995 (Vierzon) with small fuel tender
30.R.995, period III



HO

N

TT

27



HJ2358/HJ2358S/HJ2358ACS



THALYS

Thalys PBKA, coffret de 4 éléments comprenant 1 motrice, 1 fausse motrice et 2 voitures d'extrémité de 1ère et de 2nde classe, époque VI

Thalys, 4-tlg. Elektrotriebzug „Thalys PBKA“ bestehend aus 2 Triebköpfen und 2 Endwagen, Ep. VI

Thalys PBKA, 4-unit pack including motorized head, dummy head and two end coaches (1st and 2nd class), period VI



HJ3000

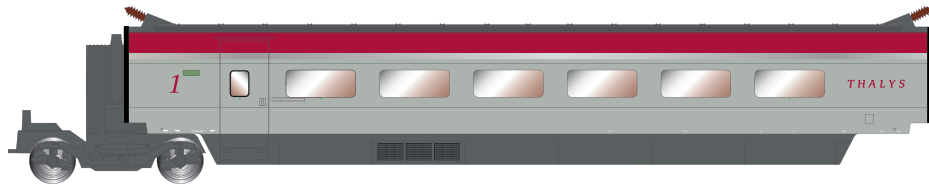


THALYS

Thalys PBKA, voiture intermédiaire de 1ère classe, époque VI

„Thalys PBKA“, Zwischenwagen 1. Klasse, Ergänzungswagen zu HJ2358/S/AC/ACS, Ep. VI

Thalys PBKA, 1st class intermediate coach, period VI



HJ3001

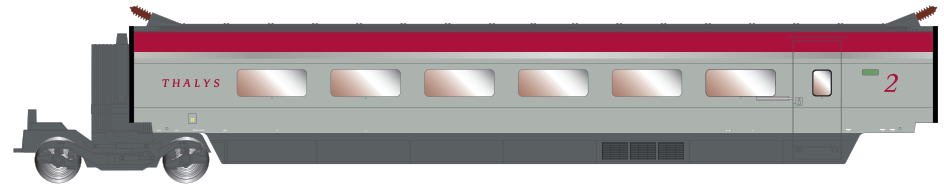


THALYS

Thalys PBKA, voiture intermédiaire de 2ème classe, époque VI

„Thalys PBKA“, Zwischenwagen 2. Klasse, Ergänzungswagen zu HJ2358/S/AC/ACS, Ep. VI

Thalys PBKA, 2nd class intermediate coach, period VI



HO

N

TT

28



Un réseau ferroviaire unique en Europe

Thalys est le train rouge à grande vitesse qui relie notamment Paris à Bruxelles en 1h22, à Cologne en 3h14 et à Amsterdam en 3h16 seulement. Depuis avril 2014, Thalys dessert également Amsterdam depuis Lille en 2h40. En Allemagne, Thalys va depuis 2016 jusqu'à Dortmund.



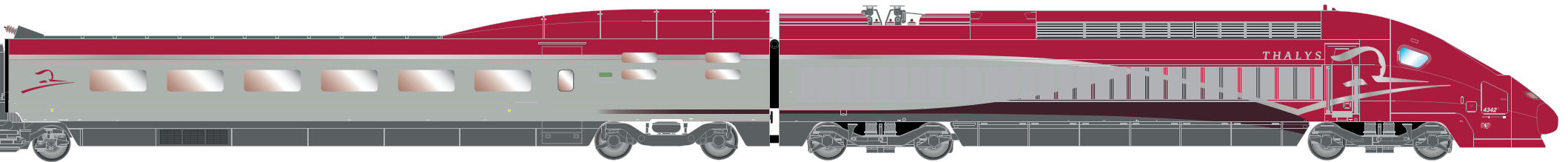
Ein in Europa einzigartiges Bahnstreckennetz

Thalys ist der rote Hochgeschwindigkeitszug, der Paris in nur 1 Std. 22 Min. mit Brüssel, in nur 3 Std. 14 Min. mit Köln und in nur 3 Std. 16 Min. mit Amsterdam verbindet. Seit April 2014 fährt der Thalys außerdem von Lille aus in 2 Std. 40 nach Amsterdam. In Deutschland verkehrt der Thalys seit 2016 bis nach Dortmund.



A rail service which is unique in Europe

Thalys is the high-speed red train which travels from Paris to Brussels in 1 hour 22 minutes, to Cologne in 3 hours 14 minutes and Amsterdam in only 3 hours and 16 minutes. Since April 2014, Thalys has also provided a link between Amsterdam and Lille in a time of 2 hours and 40 minutes. In Germany, Thalys takes you as far as Dortmund since 2016.



HJ3002

VI

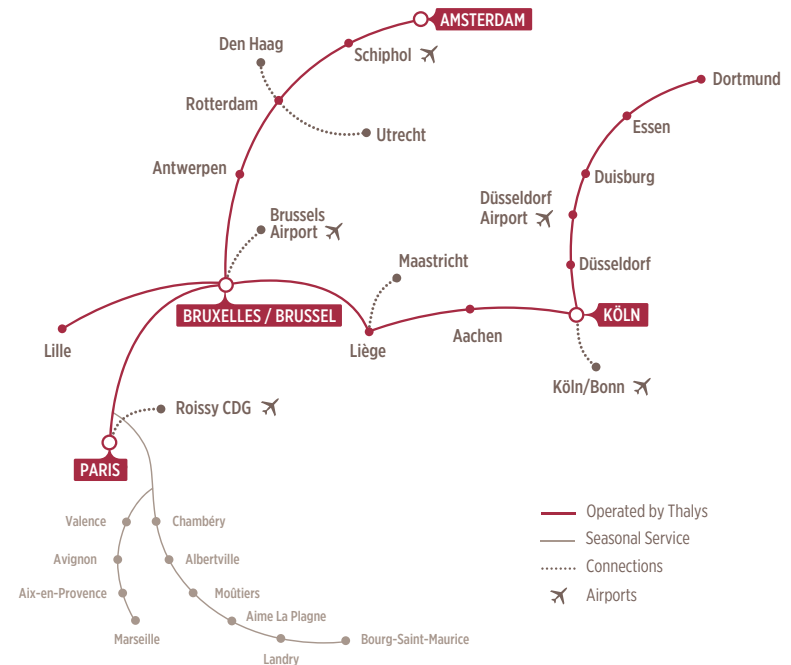
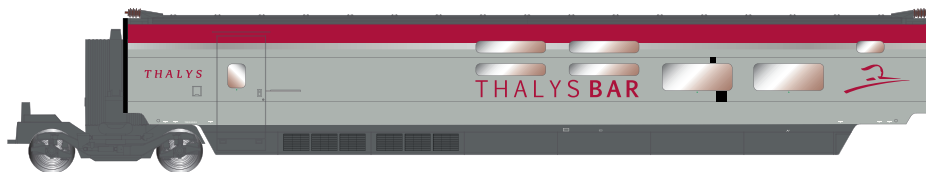
210

K

THALYS

Thalys PBKA, livrée rouge Europe et grise inox, voiture bar, époque VI

„Thalys PBKA“, Barwagen, Ergänzungswagen zu HJ2358/S/AC/ACS, Ep. VI
Thalys PBKA, bar coach, period VI



- Operated by Thalys
- Seasonal Service
- Connections
- ✈️ Airports

HO

N

TT

29



HJ2362/HJ2362S/HJ2362ACS



SNCF

SNCF, TGV 2N2 Euroduplex n°4722, livrée bleue, sigle Carmillon, coffret de 4 éléments comprenant 1 motrice, 1 fausse motrice et 2 voitures d'extrémité de 1ere classe et de 2sde, époque VI

SNCF, 4-tlg. Elektrotriebzug „TGV Euroduplex“ in silber-blauer Lackierung, Ep. VI

SNCF, TGV 2N2 EuroDuplex, 4-unit pack including motorized head, dummy head and two end coaches (1st and 2nd class), period VI



HO

N

TT

30

© Roland Lange



HJ3003

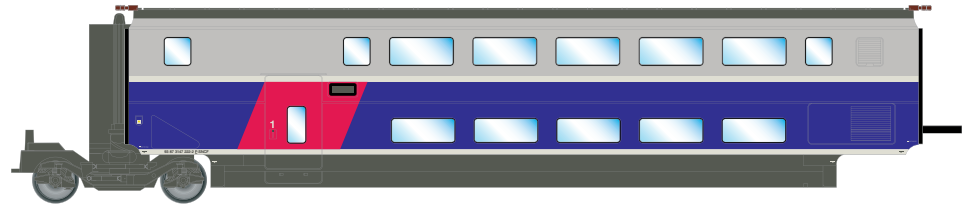


SNCF

SNCF, TGV 2N2 Euroduplex, livrée bleue, voiture intermédiaire de 1ere classe, époque VI

SNCF, „TGV Euroduplex“ Zwischenwagen in silber-blauer Lackierung, 1. Klasse, Ergänzungswagen zu HJ2362/S/AC/ACS, Ep. VI

SNCF, TGV 2N2 EuroDuplex, 1st class intermediate coach, period VI, complementary coach for HJ2362/S/AC/ACS





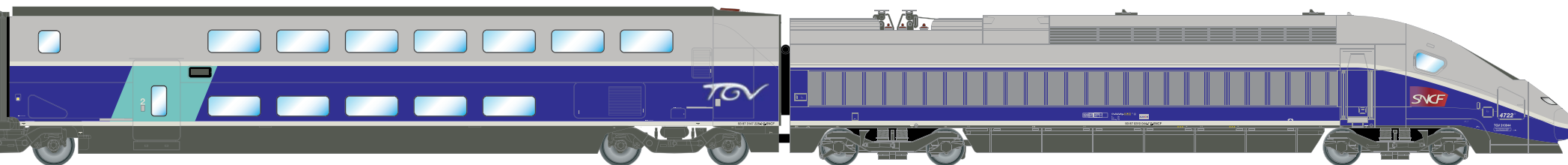
Le TGV 2N2, ou "Euroduplex", est la 3e génération de TGV Duplex. Il est entré en service commercial de la SNCF le 11 décembre de 2011. Ce sont des rames interoperables, c'est-à-dire équipées pour pouvoir circuler dans plusieurs pays européens continentaux aux alimentations électriques et signalisations variées: France, Allemagne, Suisse, Espagne et Luxembourg.



Die TGV 2N2, oder auch "Euroduplex" genannt, sind die dritte Generation der TGV Duplex. Sie nahmen am 11 Dezember 2011 den kommerziellen Betrieb bei den SNCF auf. Die Triebzüge sind vielseitig in verschiedenen europäischen Ländern mit ihren unterschiedlichen Betriebsspannungen und Signalsystemen einsetzbar – u.a. in Frankreich, der Schweiz, Spanien und Luxemburg.



Los TGV 2N2, también llamados "Euroduplex" pertenecen a la tercera generación de los TGV Duplex. Entraron en servicio el 11 de diciembre de 2011 y pueden circular en varios países de Europa con sus diferentes sistemas eléctricos y sistemas de señalización – entre otros en España, Francia, Alemania y Luxemburgo.



HJ3004 VI ²¹⁰ K **SNCF**

SNCF, TGV 2N2 Euroduplex, livrée bleue, voiture intermédiaire de 2sde classe, époque VI

SNCF, „TGV Euroduplex“ Zwischenwagen in silber-blauer Lackierung, 2. Klasse, Ergänzungswagen zu HJ2362/S/AC/ACS, Ep. VI

SNCF, TGV 2N2 EuroDuplex, 2nd class intermediate coach, period VI, complementary coach for HJ2362/S/AC/ACS

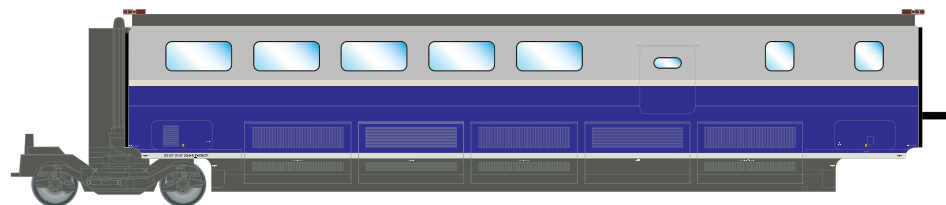
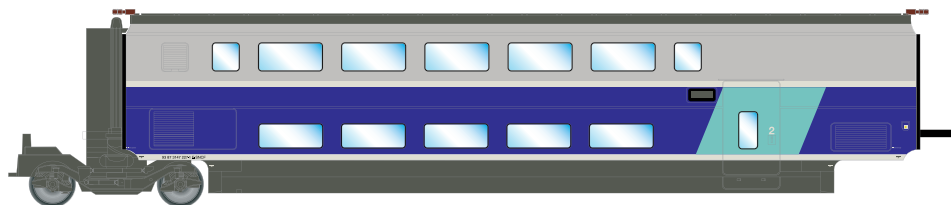


HJ3005 VI ²¹⁰ K **SNCF**

SNCF, TGV 2N2 Euroduplex, livrée bleue, voiture Bar, époque VI

SNCF, „TGV Euroduplex“ Zwischenwagen in silber-blauer Lackierung, „Bar“, Ergänzungswagen zu HJ2362/S/AC/ACS, Ep. VI

SNCF, TGV 2N2 EuroDuplex, bar coach, period VI, complementary coach for HJ2362/S/AC/ACS



HO

N

TT

31



HJ2374/HJ2374S



SNCF

SNCF, locomotive Diesel BB 66428, décoration bleu/blanc avec plaques, dépôt de Venissieux, région Sud-Est, époque IV

SNCF, Diesellokomotive BB 66428, Ursprungsausführung mit Nummernschildern, Depot Venissieux, Ep.IV

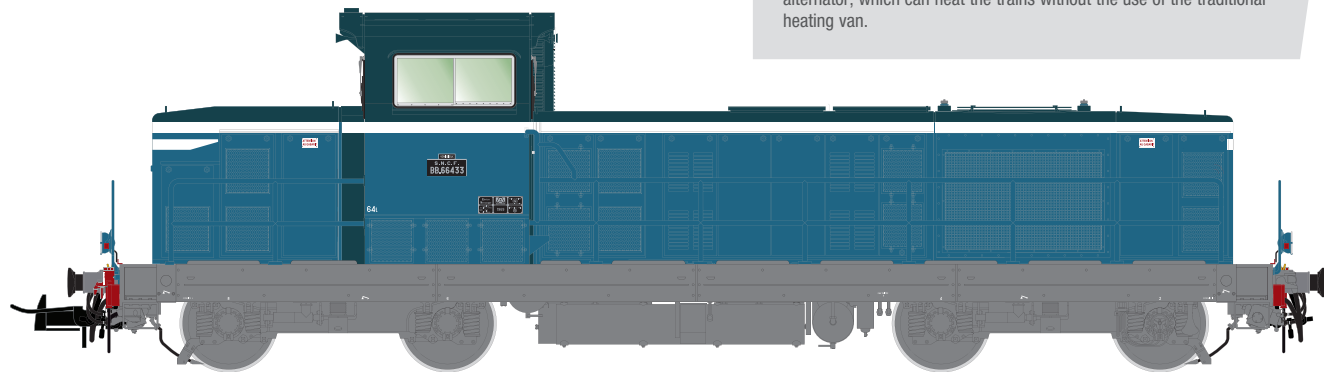
SNCF, diesel locomotive BB 66428, original version with number plates, depot Venissieux, period IV



Although largely inspired by the 3rd sub-series of the BB 66000 locomotives, with the same appearance and same motor, the BB 66400 are fundamentally different in the design of their operation. Built by the Alstom factories in Belfort, these locomotives are able to operate in multiple units (UM) with locomotive of the same series, but not with the BB 66000 locomotives. The BB 66400 have a three-phase alternator, which can heat the trains without the use of the traditional heating van.



Bien qu'inspirée largement de la 3e sous-série des BB 66000, avec même caisse et même moteur, les BB 66400 sont fondamentalement différentes au niveau de la conception de leur fonctionnement. Construites par les usines Alstom de Belfort, ces locomotives sont aptes à circuler en unités multiples (UM) avec les véhicules de la même série, mais absolument pas avec les BB 66000. Les BB 66400 disposent d'un alternateur triphasé, qui peut chauffer les rames, sans le fourgon chaudière traditionnel.



HO

N

TT

32



HJ2375/HJ2375S

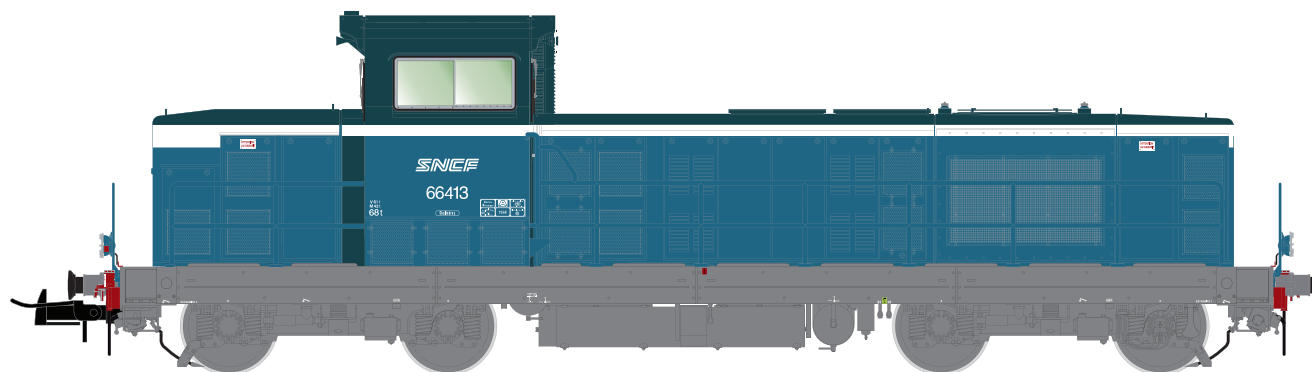


SNCF

**SNCF, locomotive Diesel BB 66413, décoration bleu/blanc, sigle Tallon (Nouilles),
dépôt de Chalindrey, région Est, époque IV**

SNCF, Diesellokomotive BB 66413 in blau-weißer Lackierung mit „Spaghetti-Logo“, Ep. IV

SNCF, diesel locomotive BB 66413 in blue-white livery with "spaghetti logo", period IV



HJ2376/HJ2376S



SNCF

**SNCF, locomotive Diesel BB 566455, décoration bleu/blanc, sigle casquette,
dépôt de Longueau, époque V**

SNCF, Diesellokomotive BB 566455 in blau-weißer Lackierung, mit „Mützenlogo“, Ep. V

SNCF, diesel locomotive BB 566455 in blue-white livery, with "cap logo", period V



Our new BB 66400 models are completely re-engineered. So now the three items are available with sound decoder, too. Of course the sound is being developed exclusively for these new JOUEF models.



Nos nouveaux modèles BB 66400 sont complètement renouvelés. Maintenant les trois locomotives sont disponibles en version sonore également. En effet, le son a été développé exclusivement pour ces nouveaux modèles Jouef.



HO

N

TT

33



HJ4122

IV

879
← →

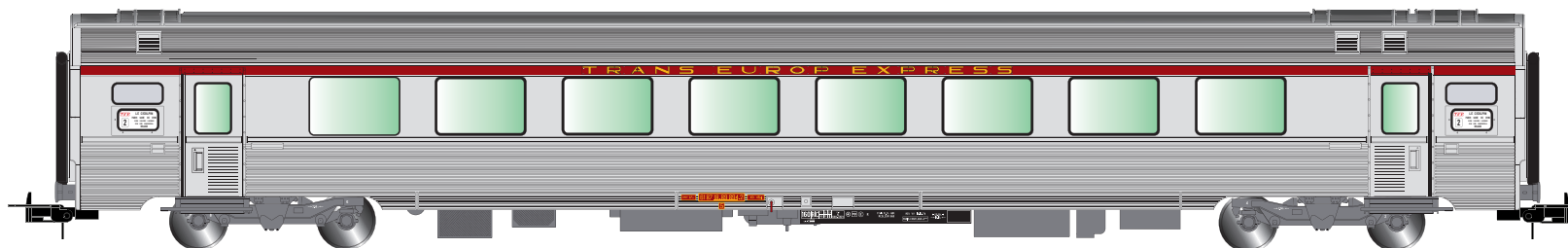
K

SNCF

**SNCF, voitures Mistral 69, livrée gris inox à bandes rouges TEE, coffret de 3 éléments
comprenant 1 voiture A8u de 1ère classe, 1 voiture A8tu de 1ère classe compartiments,
1 voiture A4Dtux de 1ère classe compartiments et groupe générateur, époque IV**

SNCF, 3-tlg. TEE-Set, bestehend aus Reisezugwagen des Typs „Mistral 69“ (A8u, A8tu und A4Dtux), Ep. IV

SNCF, 3-unit pack Trans-Europ-Express coaches "Mistral 69" (A8u, A8tu and A4Dtux), period IV



HO

N

TT

34



HJ4123

IV

879
← →

K

SNCF

SNCF, voitures Mistral 69, livrée gris inox à bandes rouges TEE, coffret de 3 éléments comprenant 1 voiture A8u de 1ère classe, 1 voiture A8tu de 1ère classe compartiments, 1 voiture Vru Restaurant, époque IV

SNCF, 3-tlg. TEE-Set, bestehend aus Reisezugwagen des Typs „Mistral 69“ (A8u, A8tu und Vru), Ep. IV

SNCF, 3-unit pack Trans-Europ-Express coaches "Mistral 69" (A8u, A8tu and Vru), period IV



HO

N

TT

35



HJ4124 IV ²⁹³ K SNCF

**SNCF, voiture Mistral 69, livrée gris inox à bandes rouges
TEE, A8u de 1 ère classe, époque IV**

SNCF, TEE-Reisezugwagen des „Mistral 69“, Typ A8u, Ep. IV

SNCF, Trans-Europ-Express coach "Mistral 69", type A8u, period IV



HJ4125 IV ²⁹³ K SNCF

**SNCF, voiture Mistral 69, livrée gris inox à bandes rouges TEE,
A3rtu bar et 1ère classe, époque IV**

SNCF, TEE-Reisezugwagen des „Mistral 69“, Typ A3rtu (Barwagen), Ep. IV

SNCF, Trans-Europ-Express coach "Mistral 69", type A3rtu (bar coach), period IV



HO

N

TT

36



HJ4127



CIWL

CIWL, voitures Pullman, version bleu et crème, de type Flèche d'or, coffret de 3 voitures WP (sans cuisine) et WPC (avec cuisine), époque III

CIWL, 3-tlg. Set Reisezugwagen, „Flech d' or“, Ep. III

CIWL, 3-unit pack Pullman coaches "Flech d'or", period III



"La Flèche d'or"

Notre nouveau coffret HJ4127 sous licence CIWL reproduit deux modèles typiques des voitures Pullman de l'après-guerre. Les nouveaux modèles présentent un éclairage intérieur équipé qui fonctionne aussi bien en DC qu'en mode digital (DCC et autres).

"La Flèche d'or"

Our new CIWL licensed set HJ4127 replicates two of the typical post-war Pullman coaches. The new models feature interior light which is fitted ex-works and works in DC as well as in digital mode (DCC and others).



HO

N

TT

37



HJ6168

IV

V

229
← →

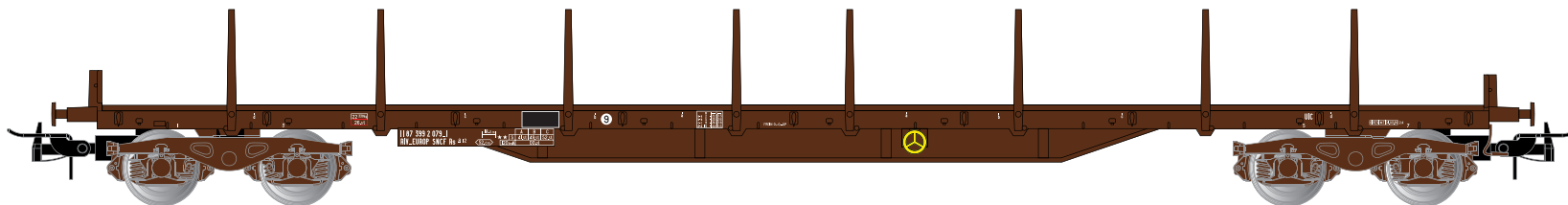
K

SNCF

SNCF, wagon plat Rs 8-12, sans bords latéraux, époque IV-V

SNCF, vierachsiger Flachwagen Rs 8-12, braun, Ep. IV-V

SNCF, 4-axle flat wagon Rs 8-12, brown livery, period IV-V



HJ6173

IV

V

170
← →

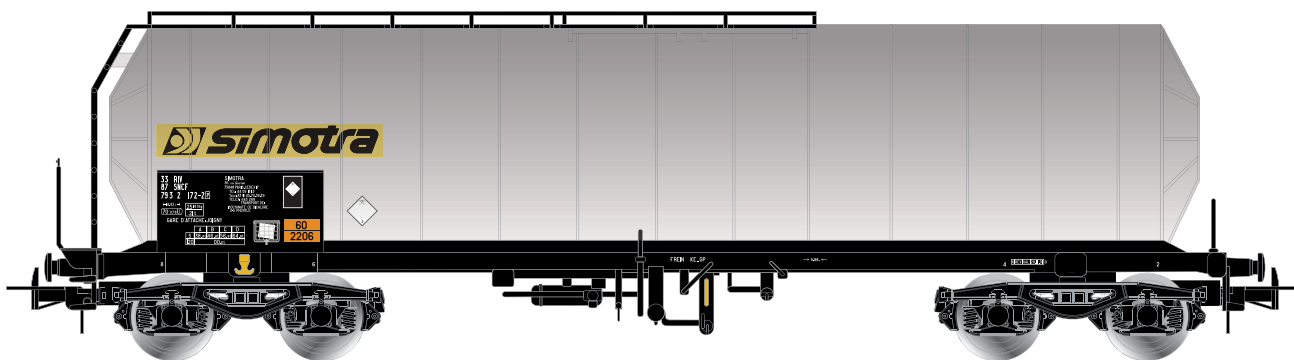
K

SNCF

SNCF, wagon citerne chimique Uas, Bogies Y25, époque IV-V

SNCF, vierachsiger Kesselwagen Uas, Ep. IV-V

SNCF, 4-axle tank wagon Aus, period IV-V



HO

N

TT

38



HJ6169 V VI 227 K SNCF

SNCF, wagon plat Sgss 63-6, chargé d'une caisse mobile "Les Rapides Bleus S.A.", époque V

SNCF, vierachsiger Flachwagen Sgss, beladen mit Wechselbehälter „Les Rapides Bleus S.A.“, Ep. V

SNCF, 4-axle flat wagon Sgss, loaded with swap body "Les Rapides Bleus S.A.", period V



HJ6170 V VI 227 K SNCF

SNCF, wagon plat Sgss 63-6, chargé d'une caisse mobile "Chantal Philippe Beau CPB", époque V

SNCF, vierachsiger Flachwagen Sgss, beladen mit Wechselbehälter „Chantal Philippe Beau CPB“, Ep. V

SNCF, 4-axle flat wagon Sgss, loaded with swap body "Chantal Philippe Beau CPB", period V

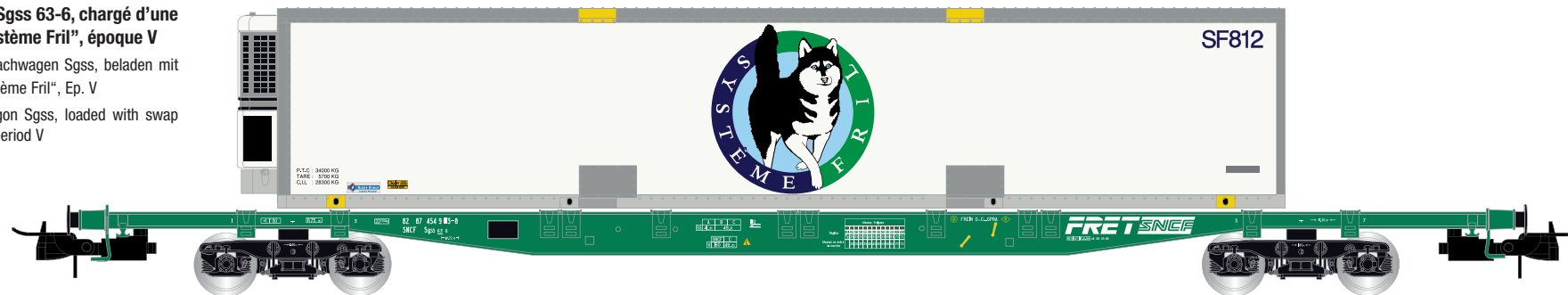


HJ6171 V VI 227 K SNCF

SNCF, wagon plat Sgss 63-6, chargé d'une caisse mobile "Système Fril", époque V

SNCF, vierachsiger Flachwagen Sgss, beladen mit Wechselbehälter „Système Fril“, Ep. V

SNCF, 4-axle flat wagon Sgss, loaded with swap body "Système Fril", period V



HO
N
TT
39

Rivarossi®



HO

N

TT

40

8474tim - Wikimedia

Neuheiten Herbst-Winter • Catalogo Novità Autunno-Inverno • Nouveautés Automne-Hiver • Novedades Otoño-Invierno • New for Autumn-Winter



HR2746/HR2746S



FS

FS, locomotiva a vapore GR 743 390, fanali elettrici, tender a carrelli 2'2' t22, epoca III-IV

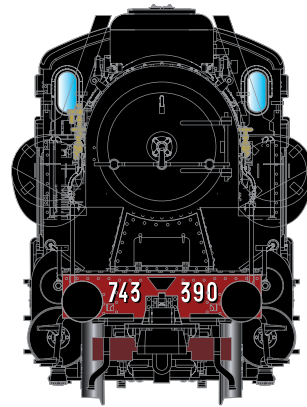
FS, Dampflokomotive Gr. 743, mit elektrischen Lampen und 22m³ Drehgestelltender, Epoche III-IV

FS, steam locomotive GR 743 390, electric lamps, tender 2'2' t 22 with bogies, period III-IV

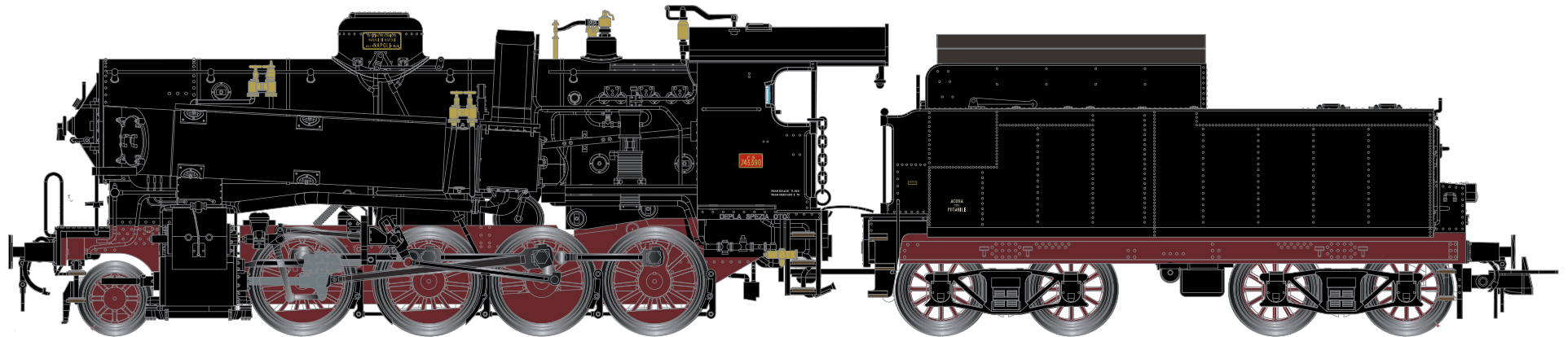


La locomotiva italiana del gruppo 740 di cui ne furono realizzate 470 unità tra il 1911 e il 1922 è stata oggetto di numerosi esperimenti e modifiche con l'intento di migliorarne l'efficienza e la rendita. L'applicazione di un nuovo sistema di preriscaldamento Franco-Crosti, che consentiva un'economia di carbone in alcuni casi oltre il 12%, fu iniziata nel 1937. 94 locomotive vennero modificate tra il 1951 e il 1954 creando così il gruppo 743. I preriscaldatori vennero applicati ai due lati della caldaia. Come auspicato, la modifica migliorò l'efficienza delle locomotive e le rese più potenti. L'ultima locomotiva del gruppo 743 fu ritirata dal servizio nel 1977.

The Italian locomotive of the 740 series (Gr.740) of which 470 units were built between 1911 and 1922 has been subject of a number of interesting experiments and modifications aimed at improving their efficiency and operating economy. The application of a new Franco-Crosti water preheating system, which allowed a coal economy in some cases up to 12%, was started in 1937. As a result 94 such locomotives have been modified between 1951 and 1954, now names Gr.743. Two large preheaters have been applied on both sides of the boiler. As hoped the change improved the locomotives' efficiency and also made them a bit more powerful. The last Gr.743 went out of service in 1977.



© Emiliano Maldini



HO

N

TT

41



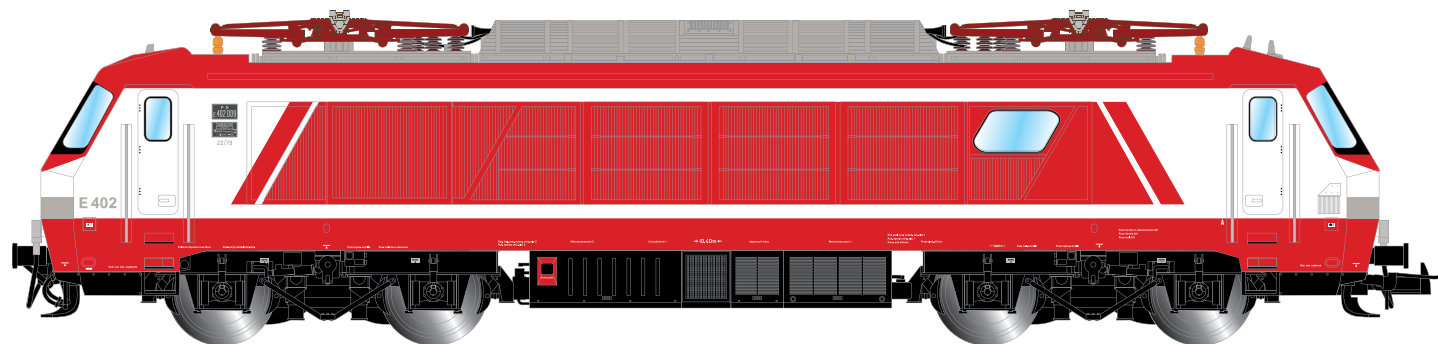
HR2765/HR2765D



FS

FS, locomotiva elettrica E 402A, livrea rosso / bianca d'origine, epoca V-VI

FS, Elektrolokomotive E.402A in ursprünglicher rot/weißer Lackierung, Epoche V
FS, electric locomotive E 402A, red / white original livery, period V-VI



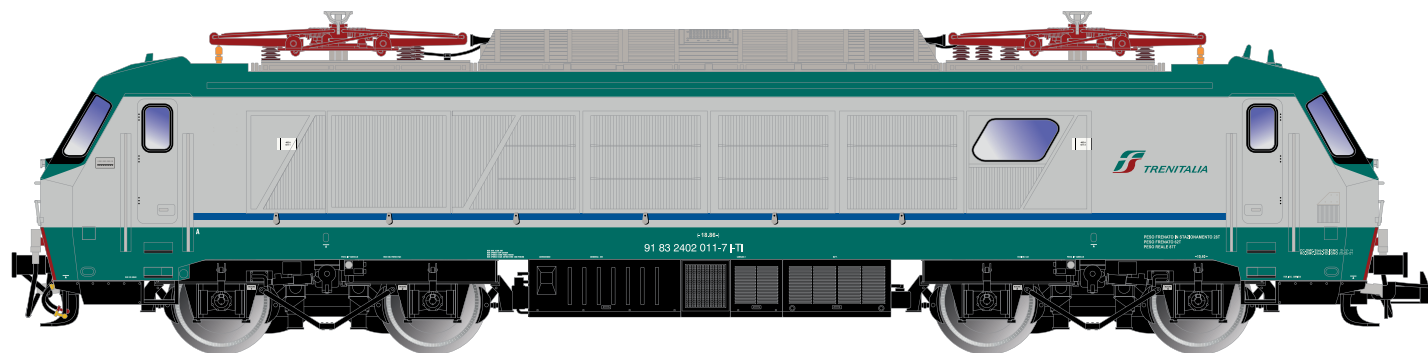
HR2766/HR2766D



FS

FS, locomotiva elettrica E 402A, livrea XMPR, con accoppiatori frontali controllo porte vetture, epoca VI

FS, elektrolokomotive E.402A in XMPR-Lackierung, Stirnseiten mit Steckdosen und Handläufen, Epoche VI
FS, electric locomotive E 402A, XMPR livery, with front electric couplers for the control coach doors, period VI



HO

N

TT

42



HR2767/HR2767D

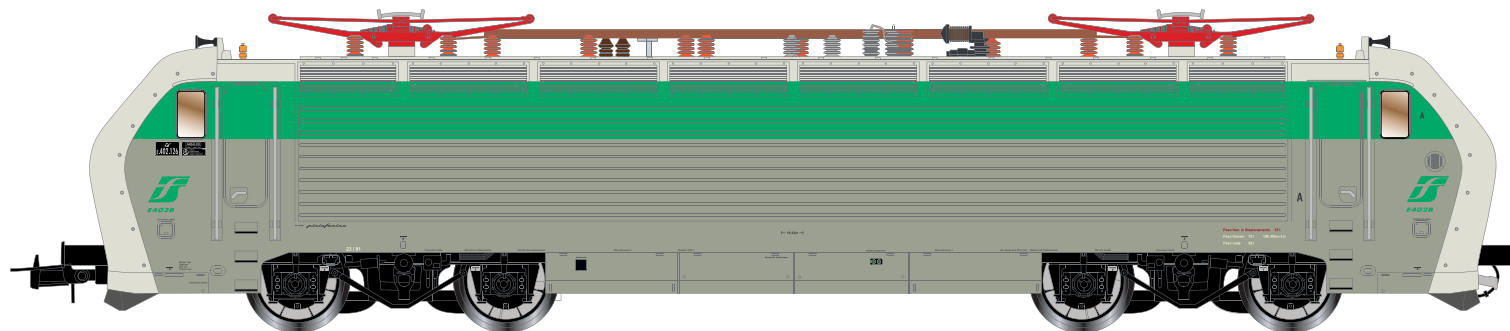


FS

FS, locomotiva elettrica E 402B, livrea allo stato d'origine, epoca V

FS, Elektrolokomotive E.402B in ursprünglicher Lackierung, Epoche V

FS, electric locomotive E 402B, livery in original state, period V



HR2768/HR2768D



FS

FS, locomotiva elettrica E 402B 135, livrea "Intercity Sun", epoca VI

FS, Elektrolokomotive E.402B in "Intercity Sun"-Lackierung, Epoche VI

FS, electric locomotive E 402B 135, "Intercity Sun" livery, period VI



HO
N
TT
43



HR2769/HR2769D

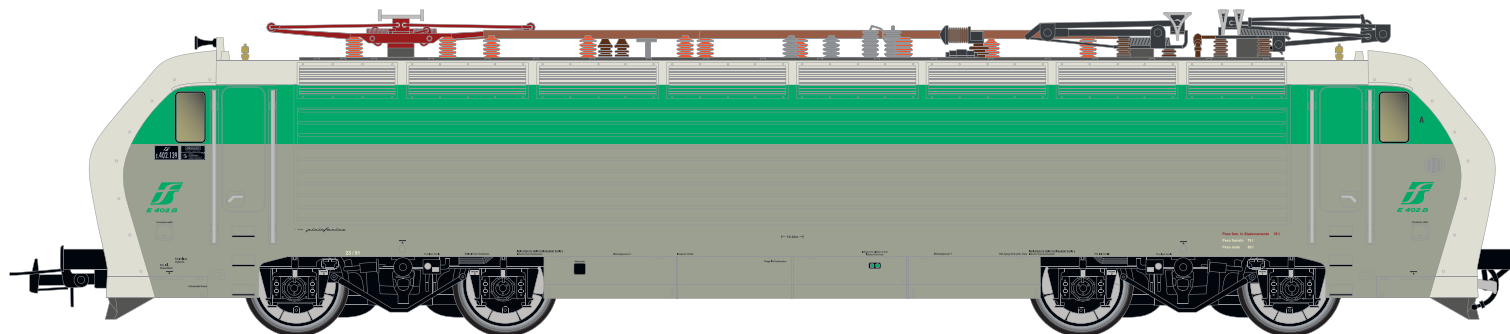


FS

**FS, locomotiva elettrica E 402B politensione
"Francia", livrea allo stato d'origine,
pantografi FS ed SNCF, epoca V**

FS, Elektrolokomotive E.402B "Francia" in
ürsprünger Lackierung, mit Dachrüstung für FS
und SNCF, Epoche V

FS, electric locomotive E 402B, version "Francia",
livery in original state, pantographs FS and SNCF,
period IV-V



HR2739/HR2739S



FS

**FS, locomotiva elettrica E 646 033 prima serie, livrea castano / isabella,
pantografi 42U, epoca III-IV**

FS, Elektrolokomotive E.646 in "Castano/Isabella"-Lackierung, Modell der ersten Bauserie,
Epoche III-IV

FS, electric locomotive E 646 033 first series, castano / isabella livery, pantographs type
42U, period III-IV



HO

N

TT

44



HR2740/HR2740S



FS

FS, locomotiva elettrica E 646 019 prima serie, livrea verde magnolia / grigio nebbia, pantografi 42LR, stato di origine, epoca III-IV

FS, Elektrolokomotive E.646 in grau/grüner-Lackierung, Modell der ersten Bauserie mit Stromabnehmern Typ 42LR, Epoche III-IV

FS, electric locomotive E 646 019 first series, verde magnolia / grigio nebbia livery, pantographs type 42LR, in original status, period III-IV



HR2741/HR2741S



FS

FS, locomotiva elettrica E 645 002 prima serie, livrea castano / isabella, pantografi 42U, epoca III-IV

FS, Elektrolokomotive E.646 in "Castano/Isabella"-Lackierung, Modell der ersten Bauserie mit Stromabnehmern Typ 42U, Epoche III-IV, mit Sounddecoder (DCC)

FS, electric locomotive E 645 002 first series, castano / isabella livery, pantographs type 42U, period III-IV



HO

N

TT

45

**HR2738/HR2738S****FS**

FS, locomotiva elettrica E 646 013 prima serie, livrea verde magnolia / grigio nebbia, fregio frontale FS alto su cabine, pantografi 42U, epoca III-IV

FS, Elektrolokomotive E.646 in grau/grüner Lackierung, Modell der ersten Bauserie mit Stromabnehmern Typ 42U, Epoche III-IV

FS, electric locomotive E 646 013 first series, verde magnolia / grigio nebbia livery, high FS logotype on the cabins, pantographs type 42U, period III-IV

**HR4275****FS**

FS, Rapido R30 / R33 "Treno Azzurro", set composto da bagagliaio / posta '49, una 2^ classe '59 con comparto ristoro, due 1^ classe '59, in livrea blu e celeste, epoca III-IV

FS, 4-tlg. Set Reisezugwagen "Treno Azzurro" in blauer Lackierung, bestehend aus: 2 x 1. Klasse, 1 x 2. Klasse mit Speiseabteil und einem Gepäckwagen, Epoche III-IV, mit einer Broschüre zur Geschichte des Zuges

FS, fast train "Treno Azzurro", set composed by a luggage / mail van type '49, 2nd class type '59 with bar compartment, two 1st class type '59 in blue / light blue livery, period III-IV

**HR4290****FS**

FS, carrozze '59 in livrea blu e celeste; set 2 vetture, mista 1^/2^ classe; 2^ classe, epoca III-IV

FS, 2-tlg. Set Reisezugwagen "Treno Azzurro" in blauer Lackierung, bestehend aus 1x 1./2.Klasse Wagen und 1 x 2. Klasse Wagen '59, Epoche III-IV

FS, passenger coaches type '59 blue / light blue livery; set of mixed 1st / 2nd class, and a 2nd class, period III-IV

HO**N****TT****46**

IL TRENO AZZURRO



Il "Treno Azzurro" era un treno rapido delle Ferrovie dello Stato che collegava Milano con Napoli. Il nome deriva dal fatto che, a differenza del materiale ordinario FS, le carrozze erano caratterizzate da una livrea con due toni di blu. Dal novembre 1958 il treno era trainato dai locomotori E.646 di prima serie, a partire dai prototipi .001-.005. La scelta del colore risentiva forse dell'influenza di uno dei più celebri treni europei, Le Train Bleu, e soprattutto ricordava i colori simbolo della città partenopea, l'azzurro della squadra di calcio del Napoli.



The "Treno Azzurro" ("Blue Train") has been an express train of the Italian FS connecting Milan with Naples. Its name originates in the colours of its coaches, a choice of two blue tones. From 1958 the train has been hauled by electric locomotives of the FS class E.646, 1st series, starting with the prototypes -001-.005. The choice of the train's colours probably has been influenced by the famous European trains like the French "Train Bleu, the "Rheingold" and of course by the colours of the Naples' soccer team.



HO

N

TT

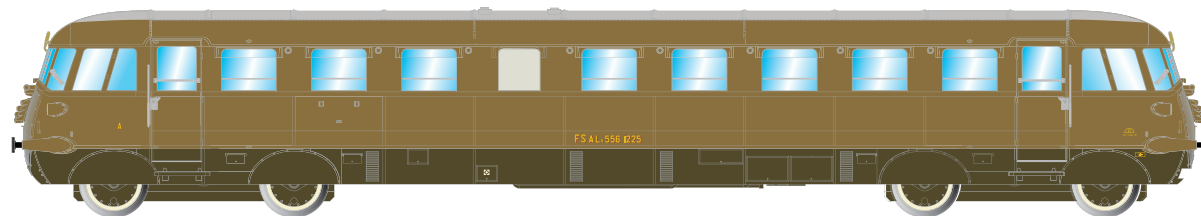
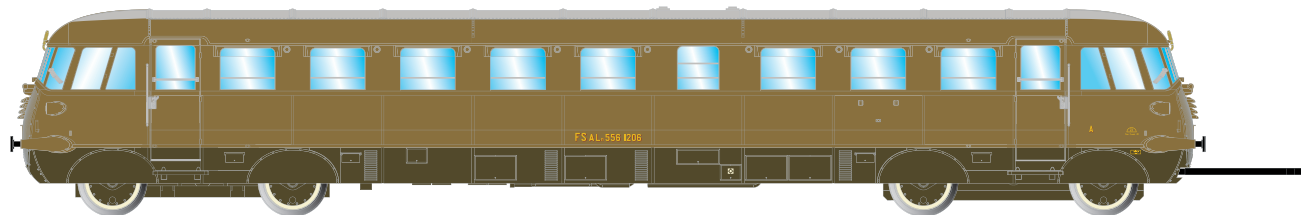
47

Courtesy of Tutto Treno (Duegi Editrice)

**HR2748/HR2748S****FS****FS, automotrici Aln 556 prima serie, livrea castano / isabella, set 2 unità 1206 motorizzata +1225 folle, epoca III-IV**

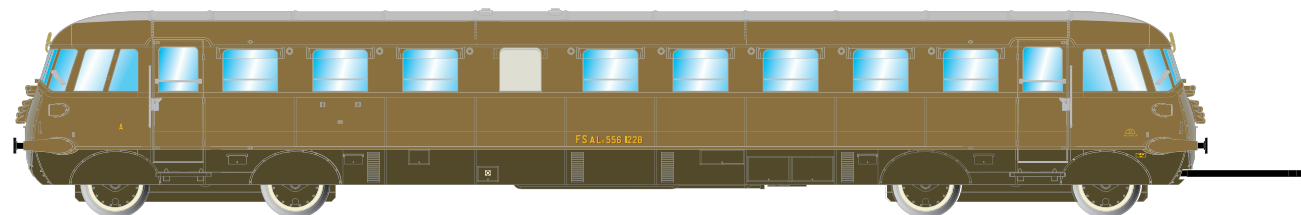
FS, 2-tlg. Set Dieseltriebwagen Aln 556 in "Castano/Isabella"-Lackierung, bestehend aus einem angetriebenem und einem nicht angetriebenem Triebwagen, Epoche III-IV

FS, diesel railcars Aln 556 first series, castano / isabella livery, set with 2 units, 1206 motorized + 1225 unmotorized, period III-IV

**HR3018****FS****FS, automotrice Aln 556 prima serie, livrea castano / isabella, unità 1228 folle, epoca III-IV**

FS, Dieseltriebwagen Aln 556, in "Castano/Isabella"-Lackierung, nicht angetriebenes Modell (Du mmy), Epoche III-IV

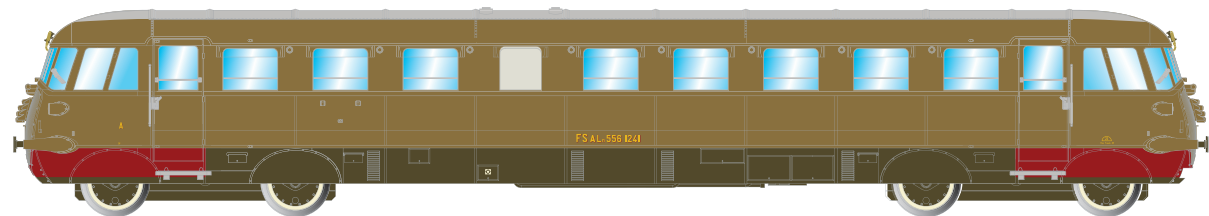
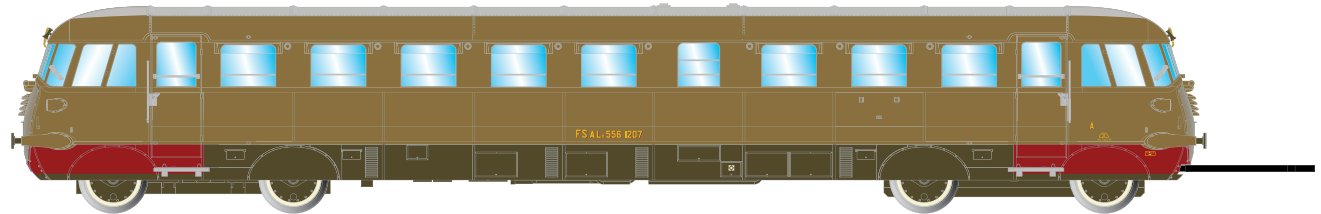
FS, diesel railcar Aln 556 first series, castano / isabella livery, unit number 1228, unmotorized, period III-IV

**HO****N****TT****48**

**HR2749/HR2749S****FS****FS, automotrici Aln 556 prima serie, livrea castano / isabella, con fasce frontali grandi in rosso, set 2 unità 1207 motorizzata +1241 folle, epoca IV**

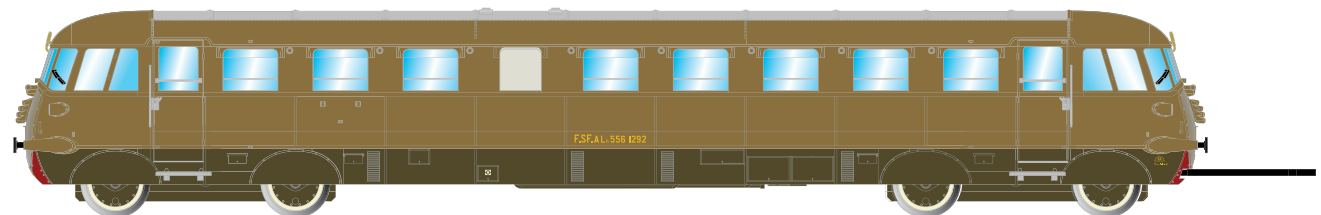
FS, 2-tlg. Set Dieseltriebwagen Aln 556 in "Castano/Isabella"-Lackierung, mit roten Frontschürzen, bestehend aus einem angetriebenem und einem nicht angetriebenem Triebwagen, Epoche IV

FS, diesel railcars Aln 556 first series, castano / isabella livery, with low big red fronts, set with 2 units, 1207 motorized + 1241 unmotorized, period III-IV

**HR3019****FS****FSF, automotrice Aln 556 prima serie, livrea castano / isabella, con fasce frontali in rosso, unità 1277 folle, epoca IV**

FSF, Dieseltriebwagen Aln 556 in "Castano/Isabella"-Lackierung, mit roten Frontschürzen, nicht angetriebenes Modell, Epoche IV

FSF, diesel railcar Aln 556 first series, castano / isabella livery, with low red fronts, unit number 1277, unmotorized, period IV

**HO****N****TT****49**

**HR2750**

III

IV



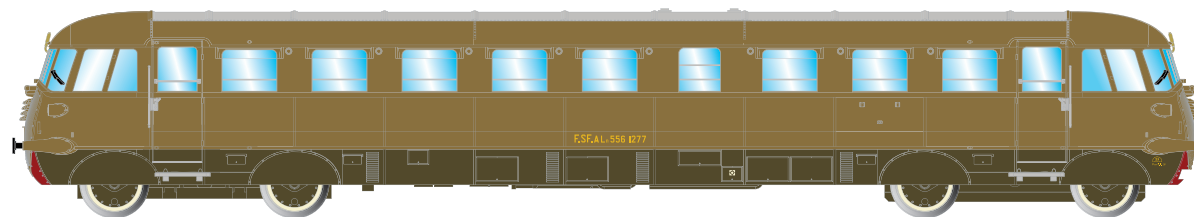
261

**FS**

FSF, automotrice Aln 556 prima serie, livrea castano / isabella, con fasce frontali in rosso, unità 1292 motorizzata, epoca IV

FSF, Dieseltriebwagen Aln 556 in "Castano/Isabella"-Lackierung, mit roten Frontschürzen, Epoche IV

FSF, diesel railcar Aln 556 first series, castano / isabella livery, with low red fronts, unit number 1292 motorized, period IV

**HR4281**

IV

V



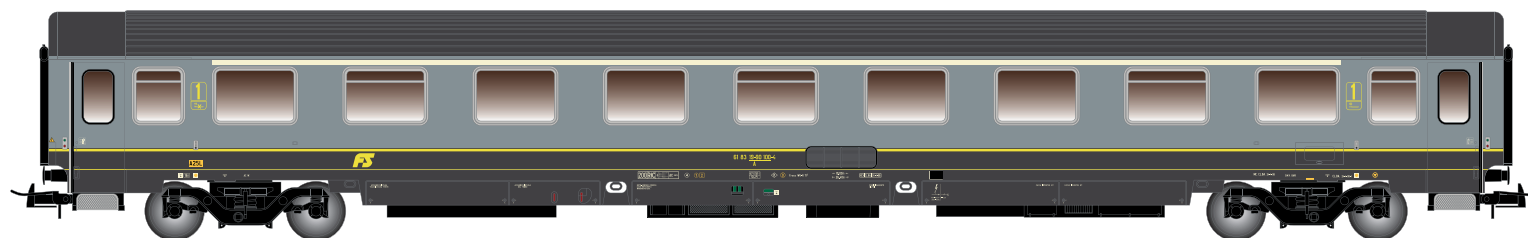
K

FS

FS, carrozza tipo Z, livrea bandiera, 2^cl, nuovo numero di servizio, epoca IV-V

FS, Reisezugwagen UIC-Z in grau/beiger Lackierung, Epoche IV-V

FS, coach type Z, ivory / grey livery, 2nd class, new running number, period IV-V

**HO****N****TT****50**

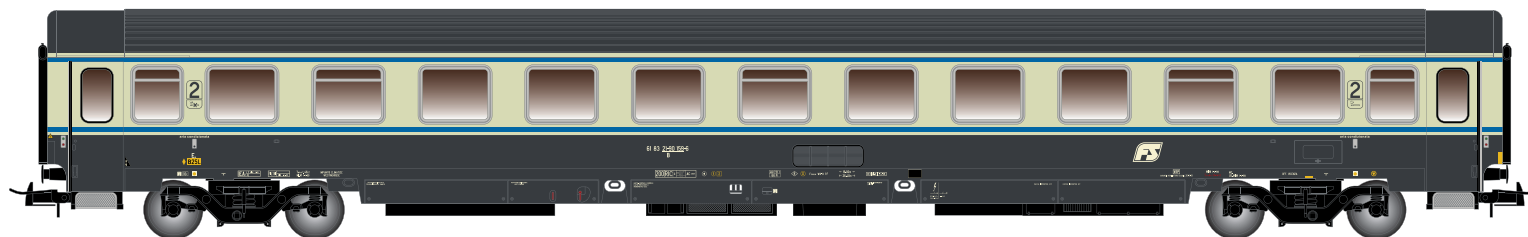
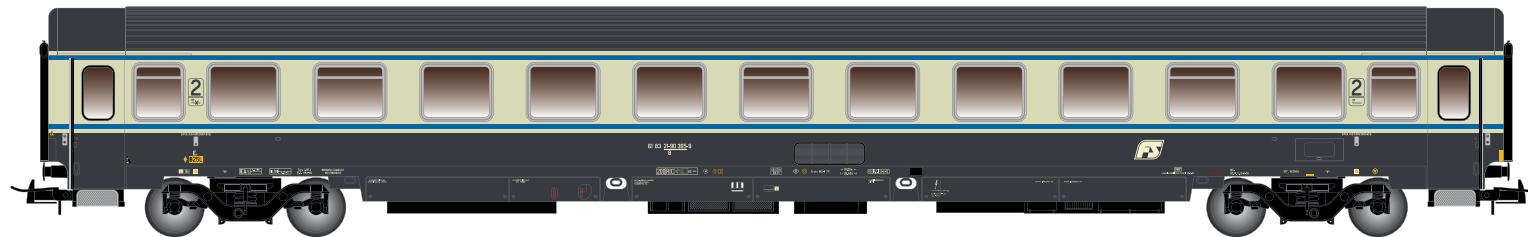


HR4280 IV V 606 K FS

**FS, carrozze tipo Z, livrea bandiera,
set 2 vetture 2^acl, nuovi numeri di
servizio, epoca IV-V**

FS, 2-tlg. Set Reisezugwagen UIC-Z in grau/
beiger Lackierung, bestehend aus zwei 2.
Klasse Wagen, Epoche IV-V

FS, 2-unit set passenger coaches type Z, ivory
/ grey livery, contains 2 x 2nd class, new
running numbers, period IV-V



HO

N

TT

51

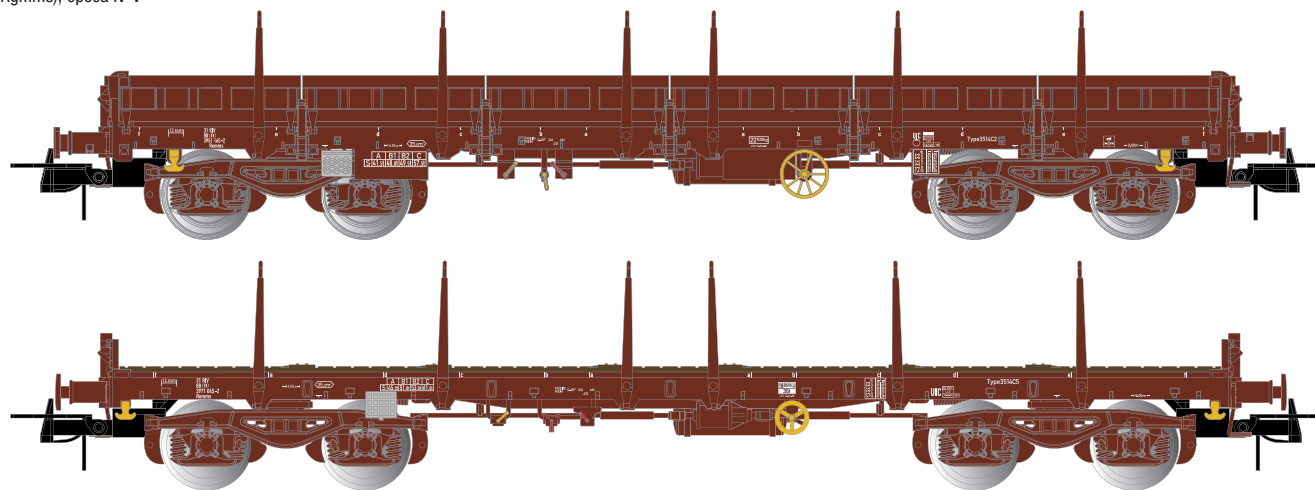


HR6417 IV V 322 K SNCB

SNCB, 2-tlg. Set vierachsige Flachwagen Rmms und Remms in brauner Lackierung, Epoche IV-V

SNCB, carri pianali Rmms e Rgmms, livrea marrone, set 2 modelli (1 x Rmms e 1 x Rgmms), epoca IV-V

SNCB, 2-unit set 4-axle flat wagons Rmms and Remms, brown livery, period IV-V

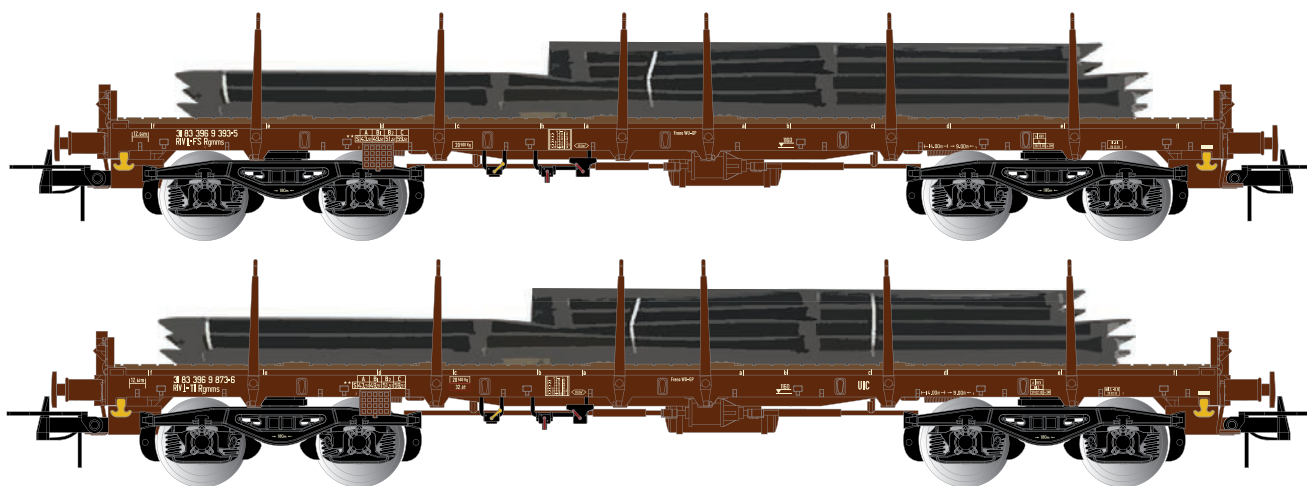


HR6425 IV V 322 K FS

FS, carri pianali a carrelli serie Rg mms, set 2 modelli, con riproduzione carico di lastre in acciaio, epoca V

FS, 2-tlg. Set vierachsige Flachwagen Rg mms in ... Lackierung, beladen mit Stahlblechen, Epoche V-VI

FS, 2-unit set flat wagons type Rg mms, loaded with steel slabs, period V-VI



HO

N

TT

52

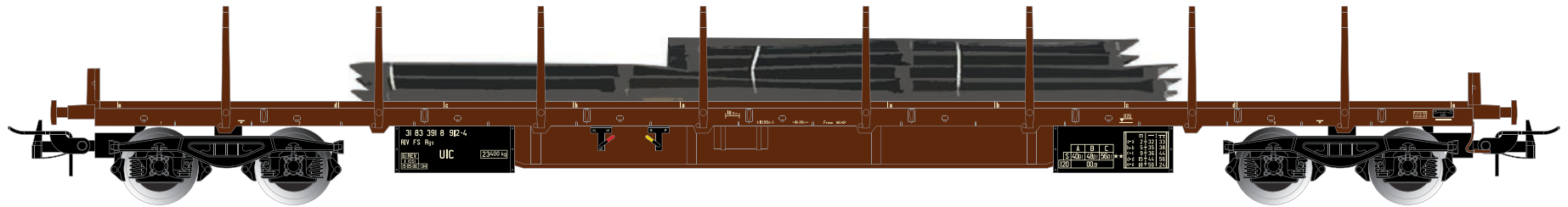
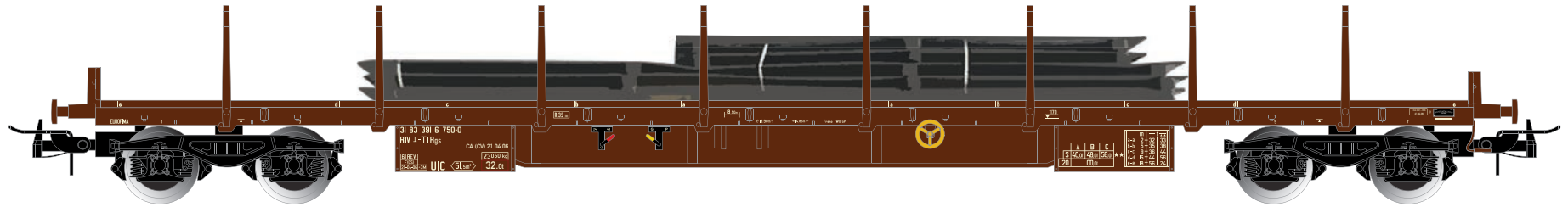


HR6424 IV V 458 K FS

FS, carri pianali a carrelli serie Rgs, set 2 modelli, con riproduzione carico di lastre in acciaio, epoca V

FS, 2-tlg. Set vierachsige Flachwagen Rgs, in ... Lackierung, beladen mit Stahlblechen, Epoche V-VI

FS, 2-unit set flat wagons type Rgs, loaded with steel slabs, period V-VI



HO

N

TT

53

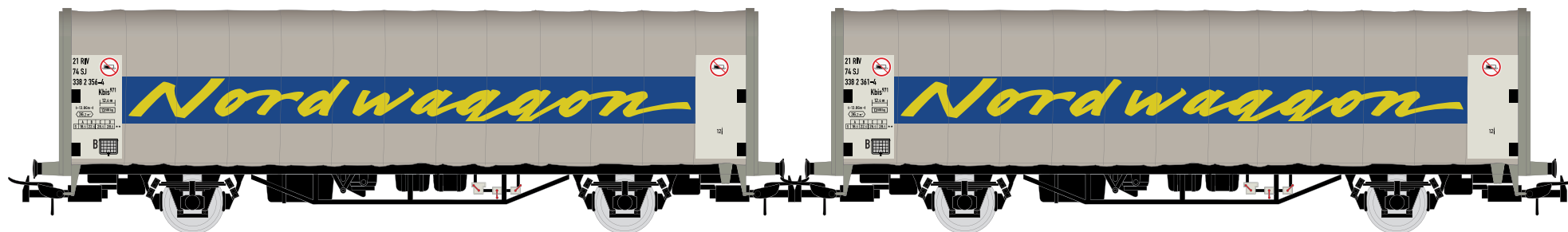


HR6423 IV V 330 K SJ

SJ, 2-tlg. Set Schiebeplanenwagen in grau/blauer Lackierung, "NORDWAGGON", Epoche IV-V

SJ, carri telonato Kbis, livrea grigio e azzurro, set 2 modelli, "Nordwaggon", epoca IV-V

SJ, 2-unit set tarpaulin wagons, blue/grey livery, "NORDWAGGON", period IV-V

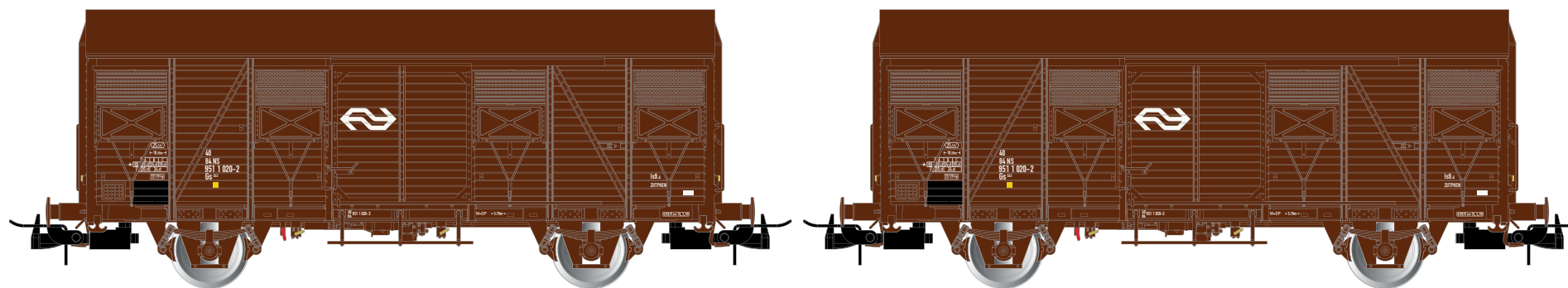


HR6430 IV 242 K NS

NS, 2-tlg. Set gedeckte Güterwagen Gs in brauner Lackierung, mit geöffneten Lüftungsschiebern, Epoche IV

NS, carri chiusi Gs, livrea marrone, set 2 modelli, epoca IV

NS, 2-unit set closed wagons GS, brown livery, with open shutters, period IV



HO

N

TT

54



HR6431 **IV** **242** **K** **NS**

NS, 2-tlg. Set gedeckte Güterwagen Gs in brauner Lackierung, "van Gend and Loos", Epoche IV

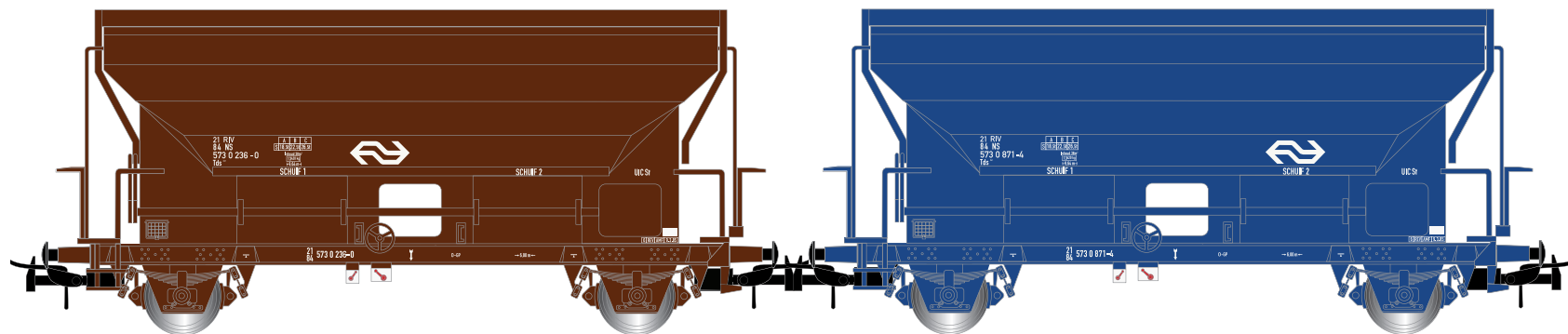
NS, carri chiusi Gs, livrea marrone, set 2 modelli, "Van Gend and Loos", epoca IV
NS, 2-unit set closed wagons Gs, brown livery, "van Gend and Loos", period IV



HR6432 **IV** **V** **220** **K** **NS**

NS, 2-tlg. Set Schwenkdachwagen Tds in blauer bzw. brauner Lackierung, Epoche IV-V

NS, carri tramoggia Tds, livrea 1 x marrone e 1 x azzurro, epoca IV-V
NS, 2-unit set self discharging wagons Tds, blue resp. brown livery, period IV-V



HO

N

TT

55

HC8059

Stazione con magazzino merci

Pequeña estación con almacén
Petite gare avec entrepôt
Kleiner Bahnhof mit Güterschuppen
Small railway station with good shed



HC8060

Torre per rifornimento idrico locomotive con deposito

Pequeña torre de agua con almacén debajo
Château d'eau avec petit dépôt en-dessous
Wasserreservoir mit kleinem Schuppen darunter
Water Tank with small depot below



HO

N

TT

56

HC8061

Rimessa per locomotive

Pequeña cochera de trenes
Petit hangar pour locomotives
Kleiner, einständiger Lokschuppen
Small locomotive shed



HC8062

Edificio toilettes per stazioni

Pequeño edificio de baños de estación
Toilettes pour la gare
Kleine Bahnhofstoilette
Small toilet building for railway station



HO

N

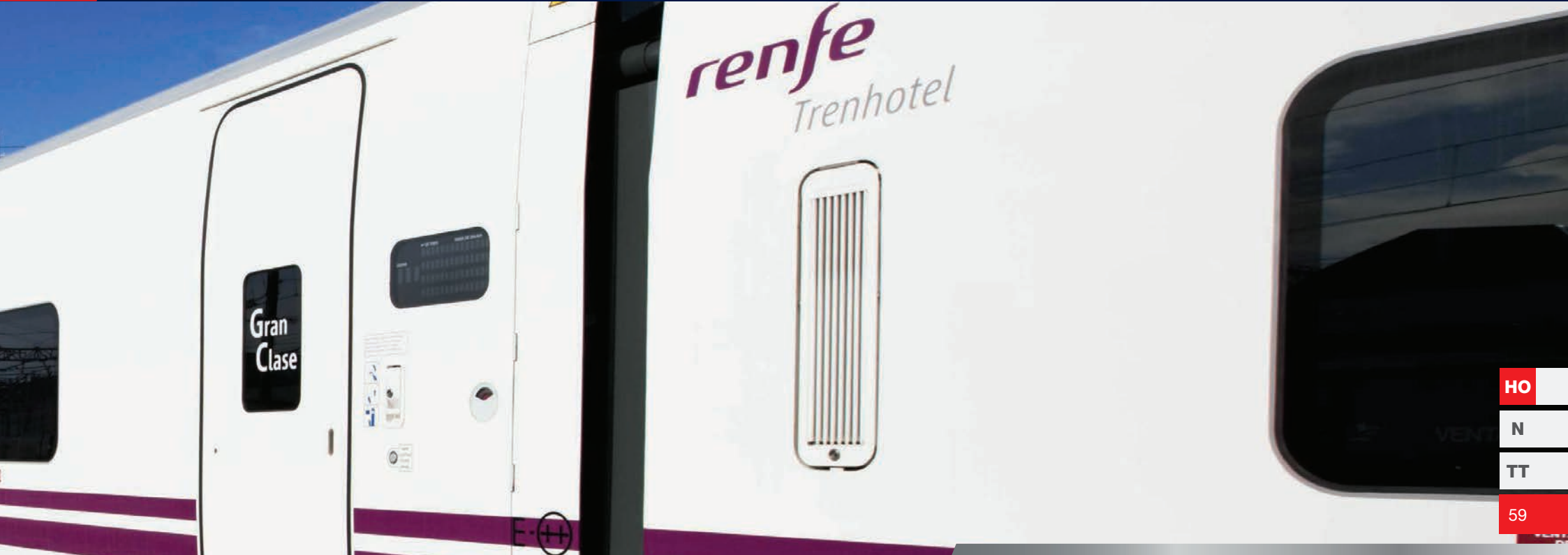
TT

57

Electrotren®



HO
N
TT
58



HO
N
TT
59



E3272 IV ⁸⁶⁰ K **RENFE/SNCF**

RENFE/SNCF, Tren Hotel Talgo "Elipsos", set de 6 coches, Ép. V-IV

RENFE/SNCF, Train Hôtel Talgo "Elipsos", composition de 6 voitures, ces rames assurent les liaisons entre Madrid et Paris, Zurich et Milan
RENFE, Talgo-Hotelzug „Elipsos“, bestehend aus 6 Wagen. Der Hotelzug wird derzeit zwischen Madrid, Paris, Barcelona, Zürich und Mailand eingesetzt.
RENFE, Talgo hotel train „Elipsos“, consists of 6 coaches. The real train is in service between Madrid, Paris, Barcelona, Zurich and Milan.



Tras años de colaboración en diferentes ofertas internacionales entre España y Francia en 1996 RENFE y SNCF crean la Agrupación Europea de Interés Económico Trenes Talgo Transpireneos (TTTP) para gestionar la oferta Trenhotel. En 2000 confirman esta colaboración creando ELIPSOS INTERNACIONAL, S.A. Entonces, Elipsos operaba los Trenhotel que unían Madrid y Barcelona con París, Milán y Zurich.



E3273 IV ¹⁵⁰ K **RENFE/SNCF**

RENFE/SNCF, Tren Hotel Talgo "Elipsos", TWL6 p. izq., Ép. V-IV

RENFE/SNCF, Train Hôtel Talgo "Elipsos", voiture-lits avec porte à côté gauche, ép V-IV
Talگو-Schlafwagen der RENFE, mit Tür links. Elipsos
Sleeping coach Talgo of RENFE, with door at the left side. Elipsos



E3274 IV ¹⁵⁰ K **RENFE/SNCF**

RENFE/SNCF, Tren Hotel Talgo "Elipsos", TWL6 p. derecha, Ép. V-IV

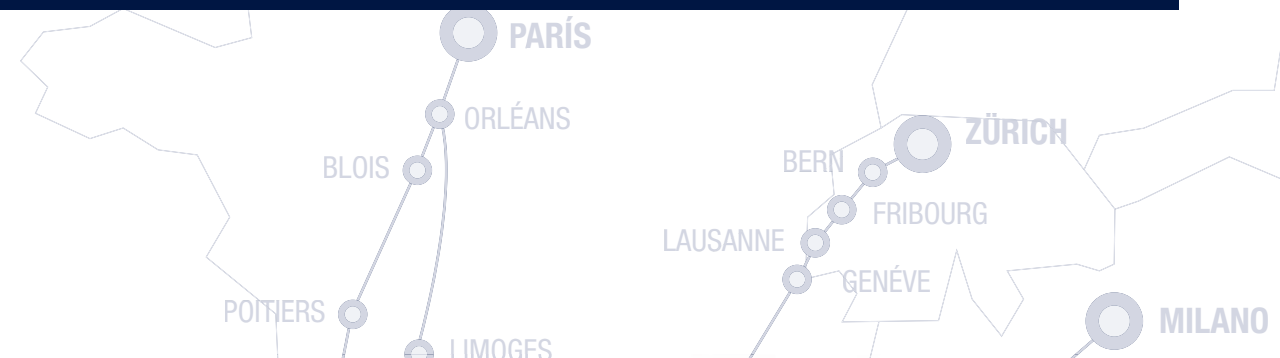
RENFE/SNCF, Train Hôtel Talgo "Elipsos", voiture-lits avec porte à côté droit, ép V-IV
Talگو-Schlafwagen der RENFE, mit Tür rechts. Elipsos
Sleeping coach Talgo of RENFE, with door at the right side. Elipsos



HO
N
TT
60

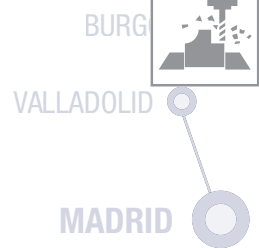
“

Suit à des années de collaboration entre la France et l'Espagne pour des offres internationales diverses, RENFE et la SNCF ont créé en 1996 le Groupement Européen d'Intérêt Economique « Trains Talgo Transpyrénéens » (TTTP) pour gérer l'offre TrenHotel. Au courant de l'année 2000 cette collaboration est ratifiée par la création d'Elipsos International, S. A. qui depuis assure sous le nom Trenhotel des liaisons en train nocturne entre Madrid, Barcelone, Paris, Milan et Zurich.



E3275 IV $\frac{150}{\leftarrow \rightarrow}$ K **RENFE/SNCF**

RENFE/SNCF, Tren Hotel Talgo "Elipsos", Cafeteria, Ép. V-IV
 RENFE/SNCF, Train Hôtel Talgo "Elipsos", voiture cafétéria, type TC6, ép V-IV
 Talgo-Wagen der RENFE, Bistro, Gattung TC6. Elipos
 Talgo coach of RENFE, cafeteria, type TC6. Elipos



E3276 IV $\frac{150}{\leftarrow \rightarrow}$ K **RENFE/SNCF**

RENFE/SNCF, Tren Hotel Talgo "Elipsos", Restaurante, Ép. V-IV
 RENFE/SNCF, Train Hôtel Talgo "Elipsos", voiture-restaurant type TR6, ép V-VI
 Speisewagen Talgo der RENFE, Gattung GTIR60. ENlipAsos
 Dining car Talgo of RENFE, type TR6. Elipos F



HO
 N
 TT
 61



E5231 V-VI ²³⁰ ← → **K**

Coche Correos de 4 ejes, versión amarilla clara, época IV (con número UIC)

Correos, 4-achs. Postwagen in hellgelber Lackierung, Ep. IV

Correos, 4-axle postal van in light yellow livery, period IV



E5232 V-VI ²³⁰ ← → **K**

Coche Correos de 4 ejes, versión amarilla estandar, época IV (con número UIC)

Correos, 4-achs. Postwagen in gelber Lackierung, Ep. IV

Correos, 4-axle postal van in standard yellow livery, period IV



HO

N

TT

62

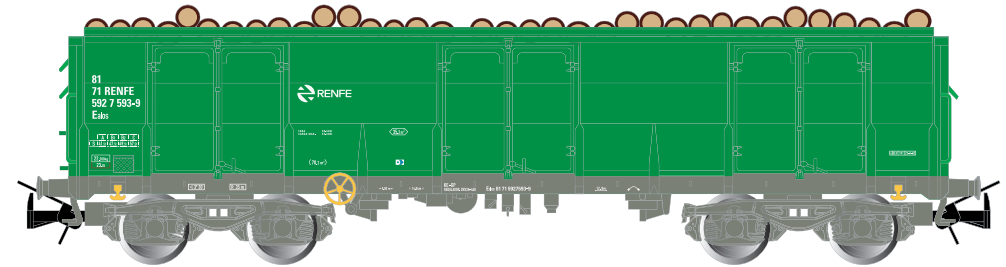


E6541 IV ¹⁶¹ K RENFE

RENFE, vagón abierto de 4 ejes, tipo Ealos en versión verde, cargado con troncos, época V-VI

RENFE, 4-achs. offener Güterwagen Ealos, grün, beladen mit Baumstämmen, Ep. V-VI

RENFE, 4-axle open wagon Ealos type in green livery, loaded with logs, period V-VI

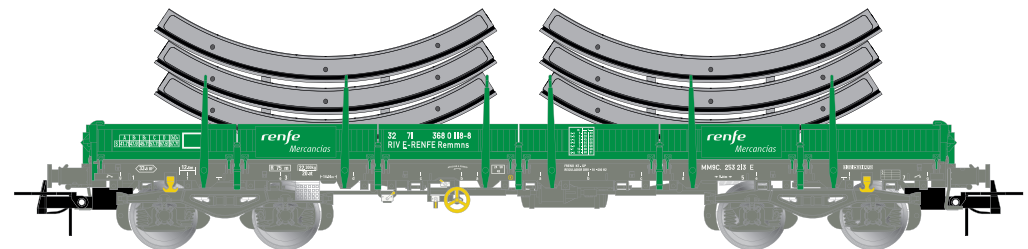


E6542 V-VI ¹⁶¹ K RENFE

RENFE, vagón de 4 ejes, tipo Rmmns, verde, cargado con segmentos de tuneles prefabricados, época V-VI

RENFE, 4-achs. Rungerwagen R mmns, grün, beladen mit Tübbingen

RENFE, 4-axle platform wagon with stakes, green, loaded with tunnel lining segments



HO

N

TT


63




Containerkran. Mit 2 Containern
 Grue à conteneurs. Avec 2 conteneurs
 Gru a portale con 2 container
 Container crane. With 2 containers



 [Facebook.com / Arnold.Modelleisenbahnen](https://www.facebook.com/Arnold.Modelleisenbahnen)

 [Facebook.com / Jouef](https://www.facebook.com/Jouef)

 [Facebook.com / Rivarossimodels](https://www.facebook.com/Rivarossimodels)

 [Facebook.com / Electrotren](https://www.facebook.com/Electrotren)