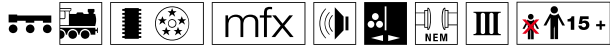


Fall New Items for 2013

# Class 44 Heavy Freight Locomotive



## 37895 Steam Locomotive with a Tender.

**Prototype:** German Federal Railroad (DB) class 44 heavy freight locomotive. Version with Witte smoke deflectors and authentic weathering.

**Model:** The locomotive has an mfx digital decoder and extensive sound functions. It also has controlled high-efficiency propulsion. 5 axles powered. Traction tires. The locomotive has an articulated frame that enables it to negotiate sharp curves. It also has a Telex coupler on the tender. A smoke generator is included.

The headlights will work in conventional operation and can be digitally controlled. There is an adjustable close coupling between the locomotive and tender. Length over the buffers 26.0/26.2 cm / 10-1/4"/10-5/16".

- **Authentic weathering included.**
- **Display board included.**
- **Smoke generator included.**
- **Telex coupler on the tender.**

**This model is being produced in a one-time series only for the Märklin Dealer Initiative (MDI). This is the second locomotive in a series of five locomotives with authentic weathering.**

**A tank car set to go with this steam freight locomotive can be found under item number 46533 in the Märklin H0 assortment.**

Digital Functions	Control Unit	Mobile Station	Mobile Station 2	Central Station
Headlight(s)	x	x	x	x
Smoke generator contact	x	x	x	x
Steam locomotive op. sounds	x	x	x	x
Locomotive whistle	x	x	x	x
Telex coupler on the rear	x	x	x	x
Sound of squealing brakes off		x	x	x
Sound of coal being shoveled		x	x	x
Whistle for switching maneuver		x	x	x
Direct control		x	x	x
Air Pump			x	x
Letting off steam / air			x	x
Grate Shaken			x	x



# EXCLUSIV

3/2013

One-Time Series for 2013.



# Tank Car Set



## 46533 Tank Car Set.

**Prototype:** Six tank cars of different designs. Privately owned cars painted and lettered for the firms Eisenbahn-Verkehrsmittel AG (EVA), Düsseldorf, Germany and Vereinigte Tanklager und Transportmittel GmbH (VTG), Hamburg, Germany. Three Uerdingen design tank cars with four wheel sets (EVA/VTG), with brakeman's platforms, without a brakeman's cab. One four-axle pressurized gas tank car (VTG) with a heat shield. Two tank cars with two wheel sets (VTG). All of the cars were used on the German Federal Railroad (DB). The cars look as they did around 1960.

**Model:** The tank cars have ladders, brakeman's platforms, and hand brakes. The pressurized gas tank car has a hand brake and a heat shield. The tank cars with two wheel sets have separately applied brakeman's platforms and ladders with filling platforms. All of the cars are weathered differently. All of the cars have different car numbers and come individually packaged. There is also a master package for the cars. Total length over the buffers 67.4 cm / 26-1/2". DC wheel set per car 4 x 32376004, 2 x 32376004 and 4 x 700580 (pressurized gas tank car).

- **Authentic weathering.**
- **Different car numbers.**
- **Each car individually packaged.**

This tank car set is being produced in a one-time series only for the Märklin Dealer Initiative (MHI).

A steam freight locomotive to go with this tank car set can be found under item number 37895 in the Märklin H0 assortment.



\*\* Brand new:  
5 year warranty on all MHI / Exclusiv items and club items (Märklin Insider and Trix Club) starting in 2012.

# "Transtermos" Refrigerator Car Set



## 47322 "Transtermos" Refrigerator Car Set.

**Prototype:** 2 type lbbpls 379 two-axle refrigerator cars with insulated, smooth side walls and an ice hatch with an icing platform at both ends of each car. German Federal Railroad (DB) refrigerator cars, leased to the firm Transtermos GmbH, Bremen, Germany. Truck as a refrigerated semi-truck rig painted and lettered for the firm Transtermos.

**Model:** Both cars have different Transtermos lettering and different car numbers. Each car has an ice hatch and an icing platform at both ends of that car. Total length for both cars 32.4 cm / 12-3/4". There is also a refrigerated semi-truck rig lettered "Transtermos Kühlverkehr" from the firm Brekina. Length 16.5 cm / 6-1/2". DC wheel set per refrigerator car 2 x 700580.

**One-time series.**



# EXCLUSIV

3/2013

One-Time Series for 2013.

# Advance Information for 2014



## 37423 Electric Rail Car Train.

**Prototype:** Dutch State Railways (NS) four-part electric rail car train. Class ELD4, "Koploper" as Intercity powered rail car train ICM-4, road number 4237.

1 motor car as a type mBDk end car, 2nd class, 1 type mB intermediate car, 2nd class, 1 type A intermediate car, 1st class, 1 type sBFk end car, 2nd class.

**Model:** The train has an mfx digital decoder and extensive sound functions. It comes in a four-part version. The powered end car has a die-cast frame. The train has controlled, high-efficiency propulsion with a

flywheel. 2 axles in one truck powered. Traction tires. The engineer's cabs in both end cars have interior details. The train has power pickup in the end car at the front of the train; the power pickup changes with the direction of the train. It also has special close couplers with a guide mechanism. The train has factory-installed interior lighting. The interior details vary with the type of car. The headlights, dual red marker lights, and the interior lighting will work in conventional operation and can be controlled digitally. The headlights at car ends 2 and 1 can be turned off separately in digital operation.

Light yellow and red LEDs are used for the headlights and marker lights. Warm white LEDs are used for the interior lighting. The construction of the running gear and the bodies is detailed. There is a representation of the "Scharfenberg" coupler with a cover on the end cars. A rigid drawbar coupling is included for multiple unit operation. The end cars come from the factory with closed crossover doors. A plug-in part included with the train makes it possible to represent swinging doors with a diaphragm pushed to the side on one end car. Total train length 114.8 cm / 45-3/16".

**Order this model now at your MHI specialty dealer!**

**One-time series.**



© D. Stroner

Digital Functions	Control Unit	Mobile Station	Mobile Station 2	Central Station
Headlight(s)	x	x	x	x
Interior lights	x	x	x	x
Locomotive operating sounds	x	x	x	x
Horn	x	x	x	x
Direct control	x	x	x	x
Sound of squealing brakes off		x	x	x
Headlight(s): Cab2 End		x	x	x
Stat. Announce. – Dutch		x	x	x
Headlight(s): Cab1 End		x	x	x
Doors Closing			x	x
Conductor's Whistle			x	x
Rail Joints			x	x
Operating sounds			x	x

\*\* Brand new:  
5 year warranty on all MHI / Exclusiv items and club items (Märklin Insider and Trix Club) starting in 2012.



# Class 101 Express Locomotive



## 39372 Electric Locomotive.

**Prototype:** German Railroad, Inc. (DB AG) class 101 express locomotive. Includes advertising on the sides for the anniversary "25 Years of the Starlight Express". The locomotive looks as it currently does in 2013.

**Model:** The locomotive has an mfx digital decoder, controlled high-efficiency propulsion, and extensive sound functions. 2 axles powered. Traction tires. The trucks have movable reproductions of the mechanical gear for steering them. The triple headlights and dual red marker lights change over with the direction of

travel, will work in conventional operation, and can be controlled digitally. The long distance headlights can be controlled separately. The headlights at Locomotive End 2 and 1 can be controlled separately in digital operation. If the headlights at both ends are shut off, the double "A" lights are on at both ends. The lights are maintenance-free, warm white and red LEDs. Length over the buffers 21.9 cm / 8-5/8".

## One-time series.

- 25 Years of the Starlight Express in Bochum.



Digital Functions	Control Unit	Mobile Station	Mobile Station 2	Central Station
Headlight(s)	x	x	x	x
Long distance headlights	x	x	x	x
Electric locomotive op. sounds	x	x	x	x
Low Pitch Horn	x	x	x	x
Direct control	x	x	x	x
Sound of squealing brakes off		x	x	x
Headlight(s): Cab2 End		x	x	x
High Pitch Horn		x	x	x
Headlight(s): Cab1 End		x	x	x
Station Announcements			x	x
Conductor's Whistle			x	x
Compressor			x	x
Letting off Air			x	x
Sound of Couplers Engaging			x	x
Operating Sounds 1			x	x
Rail Joints			x	x

# EXCLUSIV

3/2013

\*\* Brand new:  
5 year warranty on all MHI / Exclusiv items and club items (Märklin Insider and Trix Club) starting in 2012.

One-Time Series for 2013.



## 88675 Electric Locomotive.

**Prototype:** German Railroad, Inc. (DB AG) class 101 express locomotive. Includes advertising on the sides for the anniversary "25 Years of the Starlight Express". The locomotive looks as it currently does in 2013.

**Model:** Both trucks are powered. The lighting is warm white and red LEDs that change over with the direction

of travel. The locomotive has a fine, extensive paint scheme and imprinting. Length over the buffers 86 mm / 3-3/8".

• **25 Years of the Starlight Express in Bochum.**

**One-time series.**



## 87170 DB Regio, Inc. Commuter Car Set.

**Prototype:** Typical Era VI commuter car set, consisting of 2 each type Bnrz 436.4 commuter cars, 2nd class, 1 each type ABnr 418.4 commuter car, 1st/2nd class, and 1 each type BDnrzf 463 commuter service cab control car.

**Model:** This is a 4-part car set consisting of a 1st/2nd class car, two 2nd class cars, and a cab control car. The cab control car has warm white/red LEDs as headlights / marker lights that change over with the direction of travel. All of the cars have finely executed extensive paint schemes and lettering. They are equipped with dark nickel-plated metal wheel sets.

Total length over the buffers approximately 480 mm / 18-7/8".

**One-time series for the Märklin Dealer Initiative (MHI) or Exclusiv Program.**

**All of the cars come in a special version and are not available separately.**

The 87170 car set can be turned into a prototypical commuter train with the addition of the 88787 locomotive.



## 88787 Diesel Locomotive.

**Prototype:** German Railroad, Inc. (DB AG) class 218 in a "traffic red" paint scheme and with a 12-digit road number.

**Model:** Both trucks powered. The triple headlights and red marker lights change over with the direction

of travel. The lights are maintenance-free warm white and red LEDs. The locomotive has a finely executed, extensive paint scheme and lettering. Length over the buffers approximately 75 mm / 2-15/16".

**The 88787 diesel locomotive is being produced in a one-time series only for the Märklin Dealer Initiative or Exclusiv Program.**

**A prototypical train consist is formed by adding the 87170 car set to the 88787 locomotive.**



87170

88787



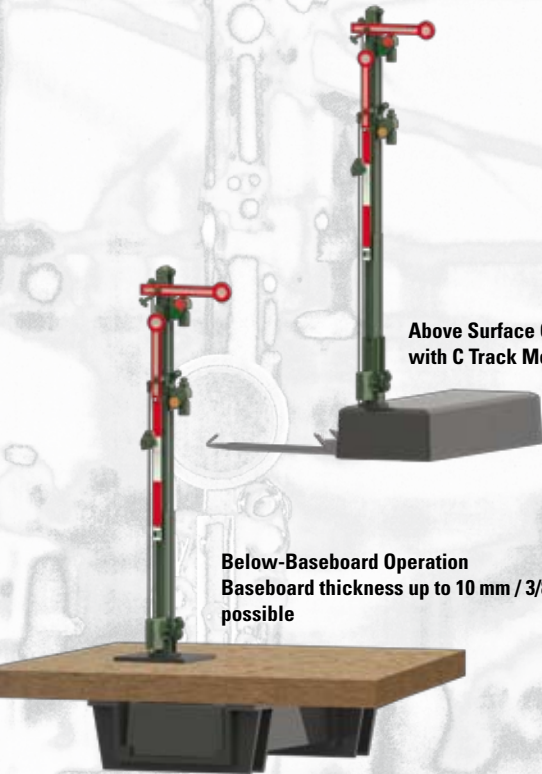
# German Federal Railroad Semaphore/Target Signals

## Stop-and-Go on the Rails.

Just like the real life prototype, signals fulfill important control and safety functions on a model railroad too. Märklin signals control rail traffic, because they not only show prototypical signal aspects, they also directly influence train movements. When set for stop, they switch the current off in the center conductor and the catenary in their area – the train remains stopped. For “go slow” or “go normally” they switch the current

on – the train runs through or starts up again. If you want to be even more realistic, you set up distant signals at an appropriate distance. They are coupled to their home signals and display appropriate signal aspects. Semaphore/target signals can be controlled conventionally using the 72760 control box and in the digital system using the CS II, MS II, CS I, or the 6040 Keyboard.

These newly designed semaphore/target signals have the mfx, Motorola, and DCC digital formats. The mechanisms for these signals are servo drives. The speed of the semaphore / target movement can be programmed. The constant light source is done with LEDs. A below-baseboard mounting kit is included to have the signals look realistic on your layout.



mfx DCC 15 +

### 70381 Distant Signal.

The signal has a movable arm and movable disk. The signal changes either as the 70361 or from yellow/yellow to yellow/yellow/green. It has 2 servos.



mfx DCC 15 +

### 70361 Distant Signal.

The signal has a movable disk. The signal changes from yellow/yellow to green/green.

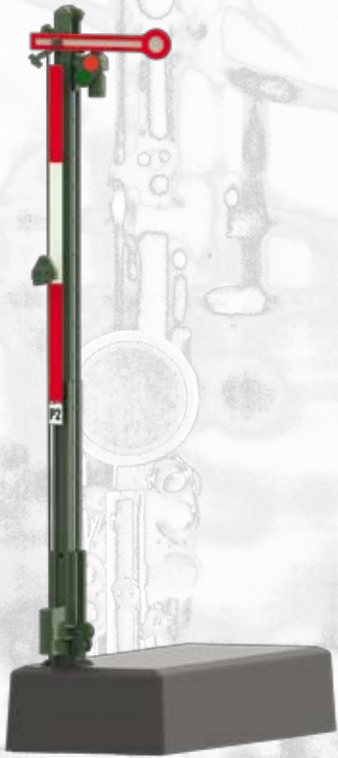


mfx DCC 15 +

### 70421 Yard Signal.

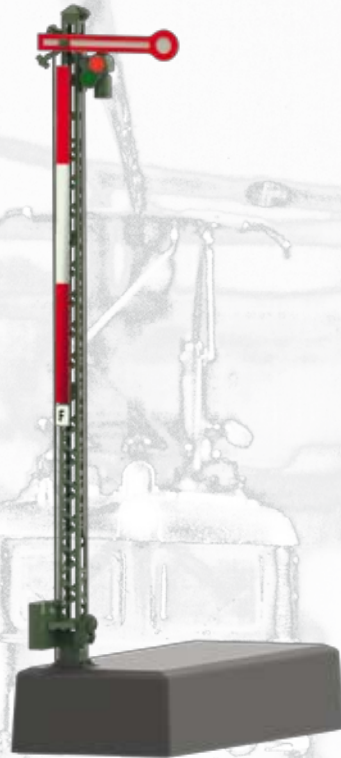
The signal mast has a movable front and rear lens.





mfX DCC 15 +

**70391 Home Signal with a Narrow Mast.**  
The signal has a semaphore and an open narrow mast. The signal changes from red to green.



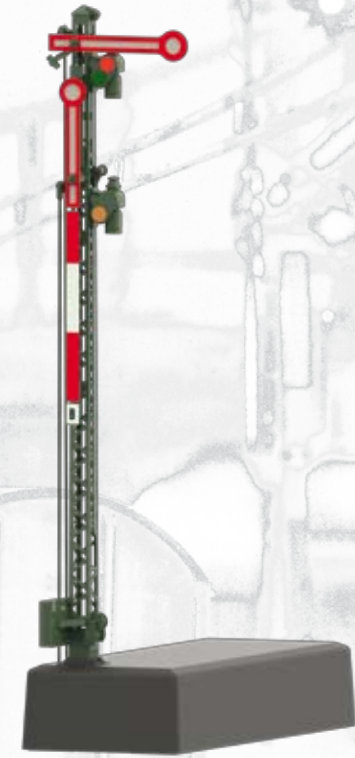
mfX DCC 15 +

**70392 Home Signal with a Lattice Mast.**  
The signal has a semaphore and an open narrow mast. The signal changes from red to green.



mfX DCC 15 +

**70411 Home Signal with a Narrow Mast.**  
The signal has 2 independent semaphores and an open narrow mast. The signal changes from red to green or red to green/yellow.



mfX DCC 15 +

**70412 Home Signal with a Lattice Mast.**  
The signal has 2 independent semaphores and an open lattice mast. The signal changes from red to green or red to green/yellow.

# Color Light Signals



**76480 Color Light Distant Signal.**  
**Prototype:** German Federal Railroad (DB) standard design distant signal. Distant signal with 3 settings: “Prepare to Stop” – yellow/yellow (Vr0), “Prepare to Proceed” – green/green (Vr1), and “Prepare to Proceed Slowly” – green/yellow (Vr2).  
**Model:** The signal has an integrated electronic signal circuit. It can be connected to the separate signal decoder of the home signal to which it is assigned. It can be used for all

home signals. All of its functions can be controlled from the signal decoder for the home signal. For digital operation, the signal decoder for the home signal assigns the configuration and the address.  
 Height without base 61 mm / 2-3/8”.

- **This distant signal can be used with all home signals.**
- **Signal aspects for this signal are automatically assigned when it is connected to a signal decoder.**



**76481 Color Light Distant Signal with Additional Light.**  
**Prototype:** German Federal Railroad (DB) standard design distant signal with additional light. Distant signal with 3 settings: “Prepare to Stop” – yellow/yellow (Vr0), “Prepare to Proceed” – green/green (Vr1), and “Prepare to Proceed Slowly” – green/yellow (Vr2). The white additional light means that the distance between the distant and the home signal is less than the regular braking distance.  
**Model:** The signal has an integrated electronic signal circuit. It can be

connected to the separate signal decoder of the home signal to which it is assigned. It can be used for all home signals. All of its functions can be controlled from the signal decoder for the home signal. For digital operation, the signal decoder for the home signal assigns the configuration and the address.  
 Height without base 61 mm / 2-3/8”.

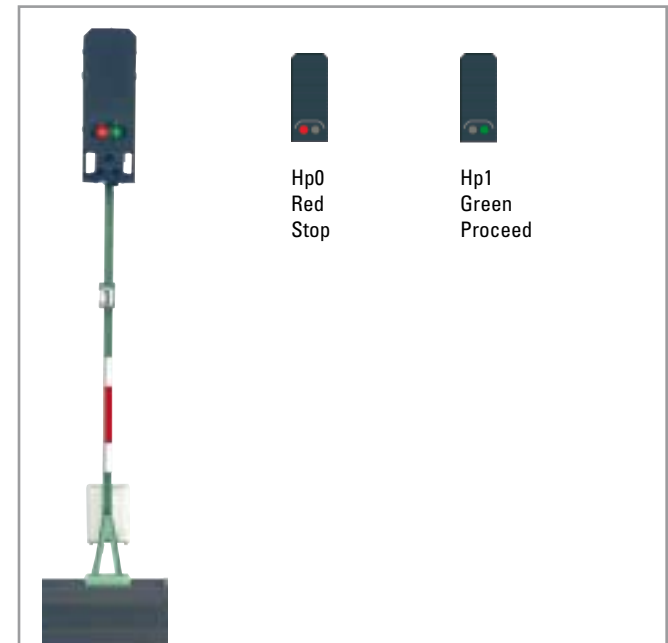
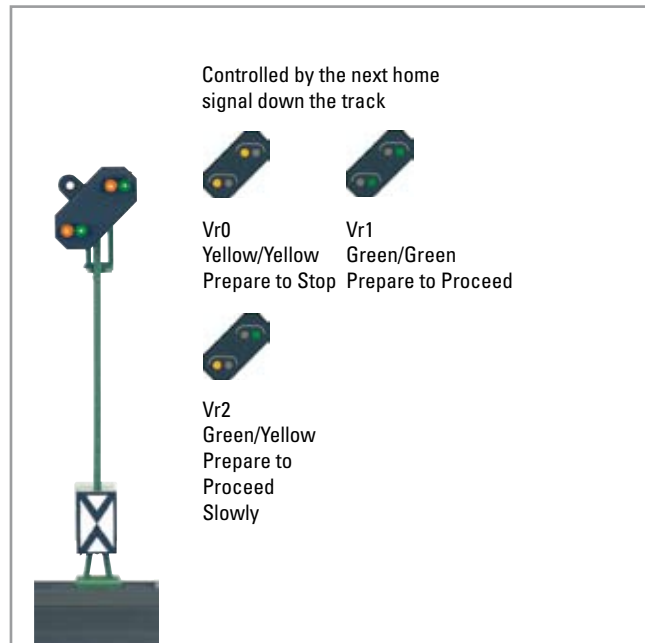
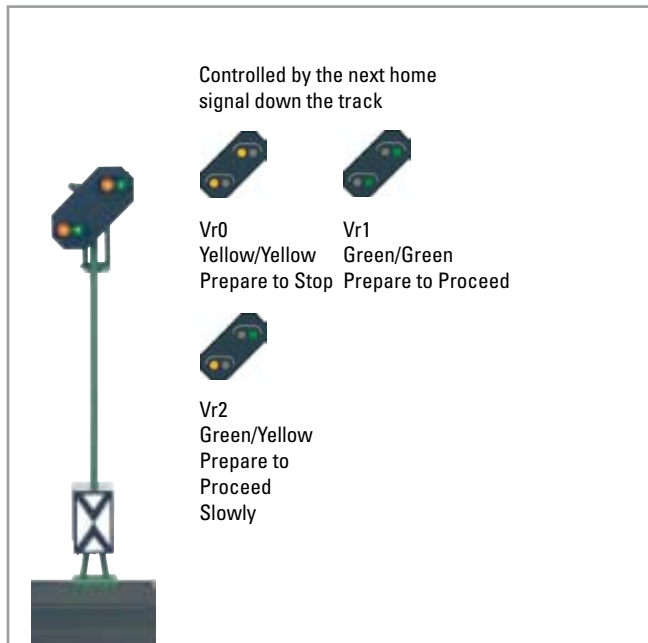
- **This distant signal can be used with all home signals.**
- **Signal aspects for this signal are automatically assigned when it is connected to a signal decoder.**



**76491 Color Light Home Signal.**  
**Prototype:** German Federal Railroad (DB) standard design block signal. 2 settings: “Stop” – red (Hp0) and “Proceed” – green (Hp1).  
**Model:** The signal has an integrated electronic signal circuit and 1 separate signal decoder. Control of all functions can be done in the digital system with the signal decoder included with the signal, or in conventional operation with a 72760 control box. The signal decoder can be installed under C Track or under the layout. For digital operation,

the configuration and the address can be assigned and tested before installation of the signal. Connections for controlling train movements and for 1 distant signal are on the signal decoder.  
 Height without base 78 mm / 3-1/16”.

- **Block signal for use on main lines.**
- **An appropriate distant signal by itself is item no. 76480 and 76481, or a distant signal on the same mast with other signals, item no. 76495 and 76496.**







**76493 Color Light Home Signal.**

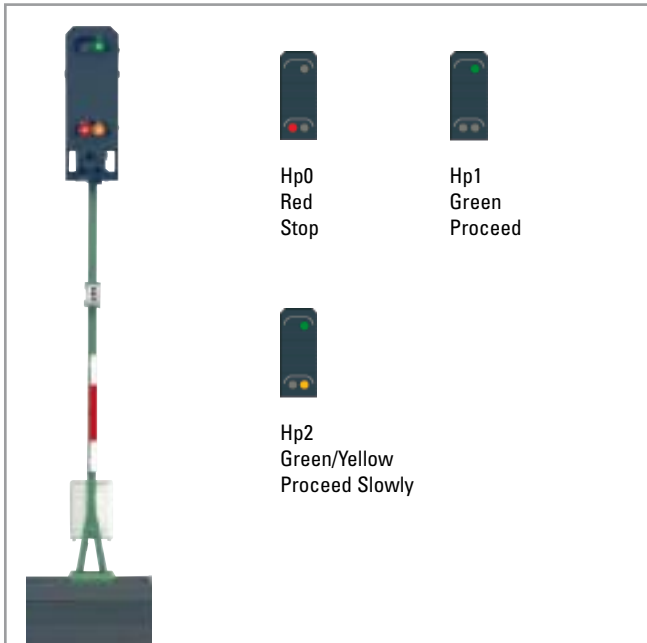
**Prototype:** German Federal Railroad (DB) standard design entry signal.

3 settings: "Stop" – red (Hp0), "Proceed" – green (Hp1) and "Proceed Slowly" – green/yellow (Hp2).

**Model:** The signal has an integrated electronic signal circuit and 1 separate signal decoder. Control of all functions is possible in the digital system with the signal decoder included with the signal, or in conventional operation with a 72760 control box. The signal decoder can be installed under C Track or under the layout. For digital operation, the

configuration and the address can be assigned and tested before the installation of the signal. Connections for controlling train movements and for 1 distant signal are on the signal decoder.  
Height without base 78 mm / 3-1/16".

- **Entry signal for use before stations.**
- **An appropriate distant signal by itself is item no. 76480 and 76481, or a distant signal on the same mast with other signals, item no. 76495 and 76496.**



**76494 Color Light Home Signal.**

**Prototype:** German Federal Railroad (DB) standard design exit signal.

4 settings: "Stop" – red/red (Hp00), "Proceed" – green (Hp1) and "Proceed Slowly" – green/yellow (Hp2), as well as "Stop, Switching Permitted" – red/white/white (Hp0/Sh1).

**Model:** The signal has an integrated electronic signal circuit and 1 separate signal decoder. Control of all functions is possible in the digital system with the signal decoder included with the signal, or in conventional operation with a 72760 control box. The signal decoder can be installed under C Track or under

the layout. For digital operation, the configuration and the address can be assigned and tested before the installation of the signal. Connections for controlling train movements and for 1 distant signal are on the signal decoder.  
Height without base 78 mm / 3-1/16".

- **Exit signal for use in station areas.**
- **An appropriate distant signal by itself is item no. 76480 and 76481, or on entry signal, item no. 76497.**
- **Built-in yard signal with white light.**



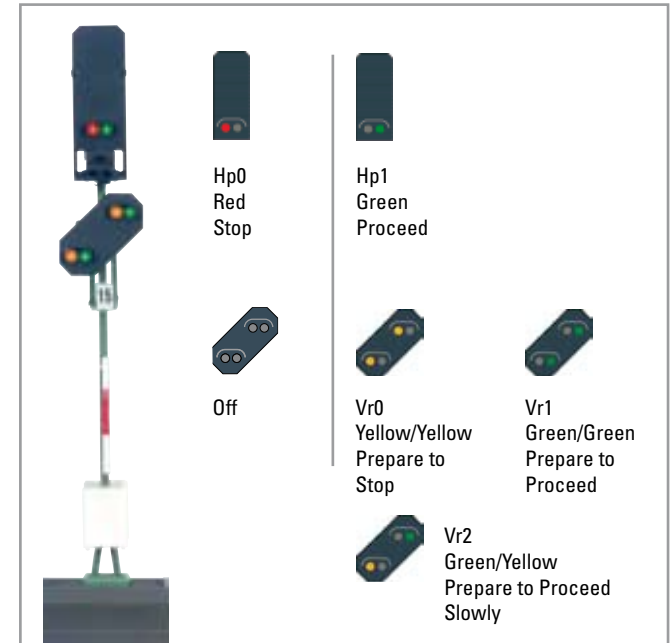
**76495 Color Light Home Signal with a Color Light Distant Signal.**

**Prototype:** German Federal Railway (DB) standard design block signal with a distant signal on the same signal mast. Home signal with 2 settings like item no. 76491. Distant signal with 3 settings like item no. 76480 / 76481.

**Model:** The signal has 2 built-in electronic signal circuits and 1 separate signal decoder. The distant signal can be used for all home signals. Control of all functions is possible in the digital system with the signal decoder included with the signal, or in conventional operation with a 72760 control box. The signal

decoder can be installed under C Track or under the layout. For digital operation, the configuration and the address can be assigned and tested before the installation of the signal. Connections for controlling train movements and for 1 additional distant signal are on the signal decoder.  
Height without base 78 mm / 3-1/16".

- **2 signals on one mast without additional connections.**
- **Block signal for use on main lines.**
- **Distant signal for use before a block signal or an entry signal.**



# Color Light Signals



## 76497 Color Light Home Signal with a Color Light Distant Signal.

**Prototype:** German Federal Railway (DB) standard design entry signal with a distant signal on the same signal mast. Home signal with 3 settings like item no. 76493. Distant signal with 3 settings like item no. 76480 / 76481.

**Model:** The signal has 2 built-in electronic signal circuits and 1 separate signal decoder. The distant signal can be used for all home signals. Control of all functions is possible in the digital system with the signal decoder included with the signal, or in conventional operation with a 72760 control box. The signal

decoder can be installed under C Track or under the layout. For digital operation, the configuration and the address can be assigned and tested before the installation of the signal. Connections for controlling train movements and for 1 additional distant signal are on the signal decoder.

Height without base 78 mm / 3-1/16".

- 2 signals on one mast without additional connections.
- Entry signal for use before stations.
- Distant signal for use before an exit signal.



## 76496 Color Light Home Signal with a Color Light Distant Signal.

**Prototype:** German Federal Railway (DB) standard design exit signal with a distant signal on the same signal mast. Home signal with 4 settings like item no. 76494. Distant signal with 3 settings like item no. 76480 / 76481.

**Model:** The signal has 2 built-in electronic signal circuits and 1 separate signal decoder. The distant signal can be used for all home signals. Control of all functions is possible in the digital system with the signal decoder included with the signal, or in conventional operation with a 72760 control box. The signal

decoder can be installed under C Track or under the layout. For digital operation, the configuration and the address can be assigned and tested before the installation of the signal. Connections for controlling train movements and for 1 additional distant signal are on the signal decoder.

Height without base 78 mm / 3-1/16".

- 2 signals on one mast without additional connections.
- Exit signal for use in station areas, or for entry to the main line.
- Distant signal for use before a block signal or an entry signal.



## 76471 Color Light Track Block / Yard Signal.

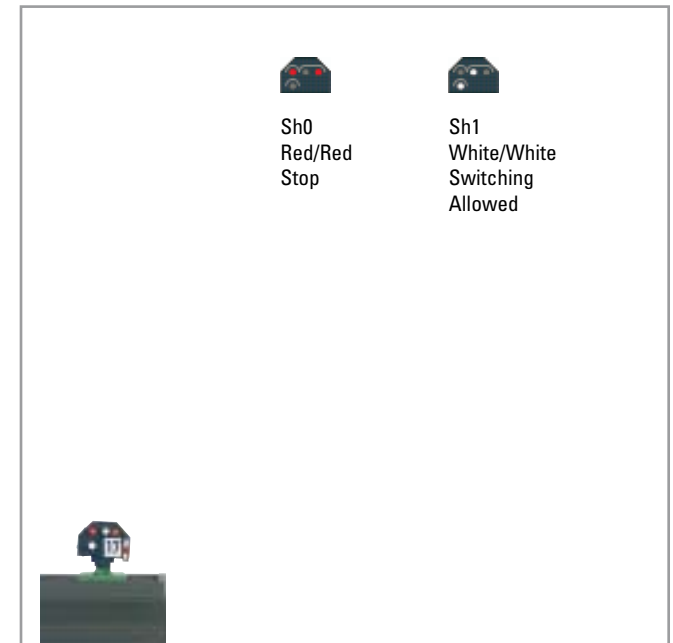
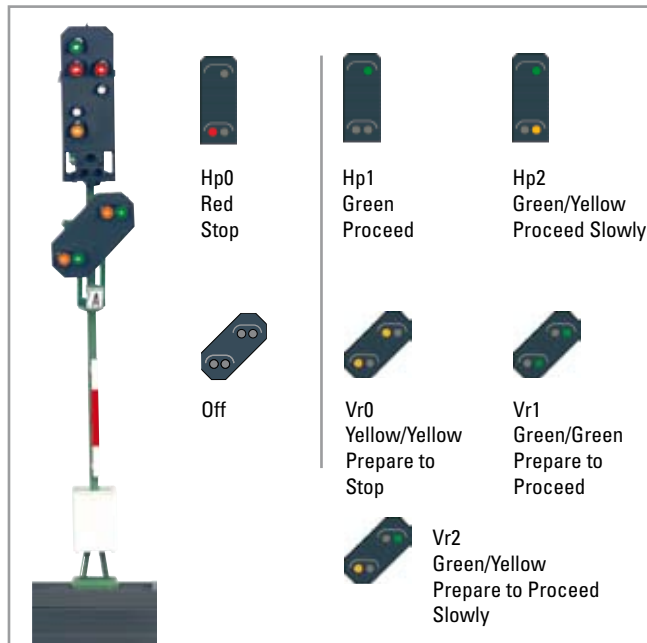
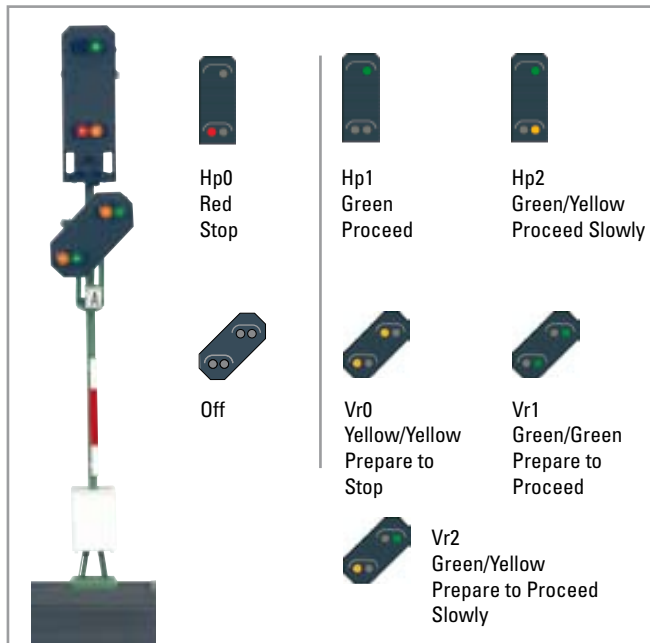
**Prototype:** German Federal Railway (DB) standard design yard signal. Dwarf signal without a mast. 2 settings: "Stop" – red/red (Sh0) and "Proceed" – white/white (Sh1).

**Model:** The signal has an integrated electronic signal circuit and 1 separate signal decoder. There is a plug contact on the narrow base of the signal housing. The signal housing has a small lens hood. Control of all functions is possible in the digital system with the signal decoder included with the signal, or in conventional operation with the 72760

control box. The signal decoder can be installed under C Track or under the layout. For digital operation, the configuration and the address can be assigned and tested before installation of the signal. Connections for controlling train movements are on the signal decoder.

Height without base 10 mm / 3/8".

- Yard signal for use in switching areas.
- Signal housing on a prototypically narrow base.
- The Sh1 aspect is correct with 2 white lights.







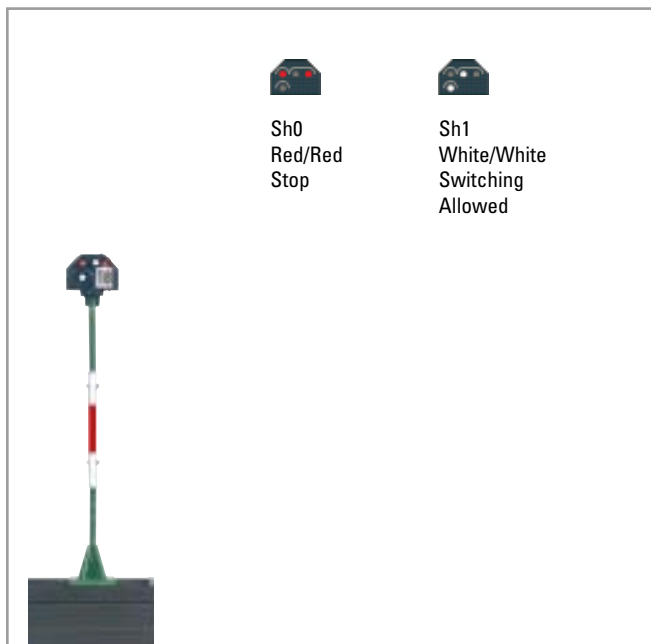
**76472 Color Light Track Block / Yard Signal.**

**Prototype:** German Federal Railroad (DB) standard design yard signal. High mounted signal with tubular mast. 2 settings: "Stop" – red/red (Sh0) and "Proceed" – white/white (Sh1).

**Model:** The signal has an integrated electronic signal circuit and 1 separate signal decoder. Control of all functions is possible in the digital system with the signal decoder included with the signal, or in conventional operation with a 72760 control box. The signal decoder can

be installed under C Track or under the layout. For digital operation, the configuration and the address can be assigned and tested before installation of the signal. Connections for controlling train movements are on the signal decoder. Height without base 50 mm / 1-15/16".

- **Yard signal for use in switching areas.**
- **Prototypical thin pipe mast.**
- **The Sh1 aspect is correct with 2 white lights.**



**72760 Signal Control Box for Advanced Signals.**

Signal control box for the 70361, 70381, 70391, 70392, 70411, 70412, and 70421 semaphore/target signals and for the 764xx series color light signals. This control box is for operating up to 4 signals. A multi-conductor cable with plugs is included for connecting control boxes together.



**60760 Digital High Efficiency Propulsion Set.**

This is a set for installation in a locomotive and comes with a controlled digital decoder and a powerful motor (conversion kit). It will fit into most Märklin H0 locomotives with drum-style commutator motors. The decoder has 80 programmable addresses, automatic switching between the modes of operation, a load compensation feature, and a digitally controlled connection for headlights / marker lights that change over with the direction of travel. The acceleration and braking delay can be controlled with a 6021 Control Unit or with Märklin Digital. The motor has a 5-pole armature, a powerful permanent magnet field, and a pre-installed bearing plate. Installation hardware is included. Decoder dimensions 25 x 17 x 6 mm / 1" x 11/16" x 1/4".



**Important Note!**

**The manufacturer's warranty can only be covered, when this high-efficiency propulsion set has been installed by an authorized dealer. The warranty provisions are invalid if non-original Märklin components are used or if other makes of products not authorized by Märklin are used.**

**Limited rerun, available only as long as supplies last.**

# Class 52 Steam Locomotive



## 37175 Steam Locomotive.

One-time series.

**Prototype:** German Federal Railroad (DB) class 52 steam locomotive. Version with a condensation tender. The locomotive looks as it did around 1950.

**Model:** The locomotive has an mfx digital decoder and extensive sound functions. It also has controlled high-efficiency propulsion. 5 axles powered. Traction tires. The locomotive has an articulated frame enabling it to negotiate sharp curves. The dual headlights change over with the direction of travel, will work in conventional operation, and can be controlled digitally. A 7226 smoke unit can be installed in the locomotive. Piston rod protection sleeves can be installed on the locomotive. Length over the buffers 26.3 cm / 10-3/8".

Digital Functions	Control Unit	Mobile Station	Mobile Station 2	Central Station
Headlight(s)	x	x	x	x
Smoke generator contact	x	x	x	x
Steam locomotive op. sounds	x	x	x	x
Locomotive whistle	x	x	x	x
Direct control	x	x	x	x
Sound of squealing brakes off		x	x	x
Blower Drive		x	x	x
Whistle for switching maneuver		x	x	x
Air Pump		x	x	x
Letting off Steam			x	x
Sound of coal being shoveled			x	x
Grate Shaken			x	x





# Christmas Car for 2013



## 48413 H0 Christmas Car for 2013.

**Prototype:** Type X 05 low side car. Fictitious paint scheme for Christmas.

**Model:** The low side car comes loaded with a Christmas cookie house made of wood. The car has close couplers with a guide mechanism.

Length over the buffers 10.7 cm / 4-1/4".

DC wheel set 2 x 700580.

- Christmas cookie house made of wood as a load.
- Attractive addition to the Christmas car series.

One-time series.



## 80623 Z Christmas Car for 2013.

**Prototype:** Older design refrigerator car with a brakeman's cab.

**Model:** This is an old-timer car in a Christmas paint scheme.

Length over the buffers 40 mm / 1-9/16".

One-time series only in 2013.

The Christmas car for 2013 comes in a transparent pine cone. This can be hung on a Christmas tree with the help of the cord included with the car. This car continues the series of festive themes from previous years.



# Class V 100.10 Diesel Locomotive



## 37003 Diesel Locomotive.

**Prototype:** German Federal Railroad (DB) class V 100.10 diesel locomotive. Era III crimson version. The locomotive looks as it did around 1967/1968.

**Model:** The locomotive has an mfx digital decoder with extensive sound functions. It also has controlled high-efficiency propulsion. 4 axles powered. Traction tires. The locomotive has Telex couplers front and rear and they can be controlled separately. The triple headlights and dual red marker lights change over with the direction of travel, will work in conventional operation, and can be controlled digitally. The headlights are warm white LEDs. The locomotive has detailed buffer beams. Brake hoses that can be installed on the locomotive are included. Length over the buffers 13.9 cm / 5-1/2".

Digital Functions	Control Unit	Mobile Station	Mobile Station 2	Central Station
Headlight(s)	x	x	x	x
Telex coupler on the front	x	x	x	x
Diesel locomotive op. sounds	x	x	x	x
High Pitch Horn	x	x	x	x
Telex coupler on the rear	x	x	x	x
Direct control		x	x	x
Headlight(s): Cab2 End		x	x	x
Low Pitch Horn		x	x	x
Headlight(s): Cab1 End		x	x	x
Sound of squealing brakes off			x	x









# The “Silberlinge / Silver Coins” – A DB Success Story



*The German Federal Railroad car designated as “Silberling / Silver Coin” is a car adhering to the UIC-X guidelines. It is 26.4 meters / 86 feet 7-3/8 inches long and has 2 entry areas with double doors. The name derives from the car bodies constructed of polished stainless steel. The car group “n”, the official designation for the “Silberling”, was purchased in a group of 5,000 units between 1961 and 1980 and in different designs. For a long time it was the most widely used car in commuter service on the DB. Depending on the design, these cars tip the scales at 31-40 metric tons and are authorized for a maximum speed of 120-140 km/h / 75-88 mph.*



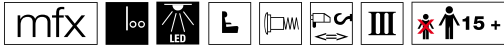
*The pure 2nd class car has seating for 96, in the mixed class car there is seating for 30 in 1st class and for 46 in 2nd class. The German Federal Railroad placed different cab control cars into service for push/pull operation, which was often done with the class E 41/141. The “Rabbit Hutch”, a cab control car with extremely cramped space for the locomotive engineer was replaced by the later “Karlsruher Kopf” type cab control car. This cab control car also had a baggage area, but more importantly a modern, generously arranged engineer’s cab. The name derives from the maintenance facility in Karlsruhe, where the cab control cars were rebuilt.*



*The “Silberling” was a universal car, from commuter service to express train, even used as reserve cars in Inter-Zone trains to Berlin. The “n” cars had steam, diesel, and electric locomotives for motive power, and, like many other DB cars, were run in different paint schemes. However, although they have been ignored in mint green, “traffic red”, or countless forms of Graffiti, they have remained the “Silberlinge” in popular usage. Presently, these cars are in used on the DB AG in the “traffic red” paint scheme, and similar classes based on the construction principles for the “Silberlinge” can be found in Luxembourg, the Netherlands, and Poland, for example.*

Digital Functions Items 58341 and 58343	Control Unit	Mobile Station	Mobile Station 2	Central Station
Interior lighting	x	x	x	x
Interior lighting, 2nd class	x	x	x	x
Lighting at the entry	x	x	x	x
Marker light(s)	x	x	x	x
Marker light(s)	x	x	x	x
Interior lighting, 2nd class		x	x	x
Lighting at the entry		x	x	x
Marker light(s)		x	x	x
Marker light(s)		x	x	x
Interior lighting			x	x
Interior lighting, 2nd class			x	x
Interior lighting, 2nd class			x	x
Lighting at the entry			x	x
Aisle lighting (58431), Baggage area lighting (58343)			x	x
Marker light(s)			x	x
Marker light(s)			x	x





**58341 "Silberlinge" Commuter Car Set.**

**Prototype:** 3 German Federal Railroad (DB) "Silberling / Silver Coin Design" commuter cars. 2 commuter cars (B4nb-59), 2nd class, car numbers 41215 Stg and 41221 Stg. 1 commuter car (AB4nb-59), 1st/2nd class, car number 31028 Stg.

**Model:** The car bodies are finely constructed of plastic with complete detailed interiors and many separately applied details. The cars reproduce the original, typical "peacock's eye" pattern. The cars have detailed underbodies specific to the car types. The trucks are Minden-Deutz designs with brake shoes and separately applied generators. Each car has built-in interior lighting and marker lights that can be controlled digitally with the factory-installed digital decoder. The interior lighting will work in conventional operation. Maintenance-free, warm white LEDs are used for the interior lighting. The

couplers have close coupler mechanisms. All of the cars have a scale length at 82.5 cm / 32-1/2". The minimum radius for operation is 1,020 mm / 40-1/8" (1,550 mm / 61" for operation with parallel curves). Total length over the buffers 248 cm / 97-5/8".

- **New tooling.**
- **Car bodies finely constructed of plastic with many separately applied details and with a representation of the "peacock's eye" pattern true to the original.**
- **The cars have a scale length at 82.5 cm / 32-1/2".**
- **Digital decoders for controlling the interior lighting and marker lights included.**

**One-time series.**



**58343 "Silberlinge" Commuter Car Set.**

**Prototype:** 3 German Federal Railroad (DB) "Silberling / Silver Coin Design" commuter cars. 2 commuter cars (Bnb 719 and Bnb 720), 2nd class, car numbers 508022-12232-1 and 508022-11435-1. 1 commuter car (ABnb 703), 1st/2nd class, car number 508031-53259-1.

**Model:** The car bodies are finely constructed of plastic with complete detailed interiors and many separately applied details. The cars reproduce the original, typical "peacock's eye" pattern. The cars have detailed underbodies specific to the car types. The trucks are Minden-Deutz designs with double brake shoes and separately applied generators. Each car has built-in interior lighting and marker lights that can be controlled digitally with the factory-installed digital decoder. The interior lighting will work in conventional operation. Maintenance-free, warm white LEDs are used for the interior lighting. The

couplers have close coupler mechanisms. All of the cars have a scale length at 82.5 cm / 32-1/2". The minimum radius for operation is 1,020 mm / 40-1/8" (1,550 mm / 61" for operation with parallel curves). Total length over the buffers 248 cm / 97-5/8".

- **New tooling.**
- **Car bodies finely constructed of plastic with many separately applied details and with a representation of the "peacock's eye" pattern true to the original.**
- **The cars have a scale length at 82.5 cm / 32-1/2".**
- **Digital decoders for controlling the interior lighting and marker lights included.**

**One-time series.**





**58342 "Silberling" Commuter Cab Control Car.**

**Prototype:** German Federal Railroad (DB) "Silberling / Silver Coin Design" commuter cab control car (BD4nf-59), 2nd class with a baggage compartment. "Rabbit hutch" end with a baggage area and rubber tube diaphragm. Car number 96426 Stg.

**Model:** The car body is finely constructed of plastic with complete detailed interior and many separately applied details. The car reproduces the original, typical "peacock's eye" pattern. The car has a detailed underbody specific to the car type. The trucks are Minden-Deutz designs with double brake shoes and separately applied generators. The car has a built-in mfx decoder with extensive sound functions as well as digitally controlled interior lighting and marker lights. The interior lighting will work in conventional operation. Maintenance-free, warm white LEDs are used for the interior lighting. The couplers have close coupler mechanisms. The car has a scale length at 82.5 cm / 32-1/2". The minimum radius for operation is 1,020 mm / 40-1/8" (1,550 mm / 61" for operation with parallel curves).

Length over the buffers 82.5 cm / 32-1/2".

- **New tooling.**
- **Car body finely constructed of plastic with many separately applied details and with a representation of the "peacock's eye" pattern true to the original.**
- **The car has a scale length at 82.5 cm / 32-1/2".**
- **mfx decoder with extensive sound and light functions included.**

**One-time series.**



**58344 "Silberling" Commuter Cab Control Car.**

**Prototype:** German Federal Railroad (DB) "Silberling / Silver Coin Design" commuter cab control car (Bdnf 735), 2nd class with a baggage compartment. "Karlsruhe" end with a baggage area. Car number 508082-11530-6.

**Model:** As item number 58342.

- **New tooling.**
- **Car body finely constructed of plastic with many separately applied details and with a representation of the "peacock's eye" pattern true to the original.**
- **The car has a scale length at 82.5 cm / 32-1/2".**
- **mfx decoder with extensive sound and light functions included.**



**One-time series.**

Digital Functions Items 58342 and 58344	Control Unit	Mobile Station	Mobile Station 2	Central Station
Interior lighting	x	x	x	x
Interior lighting, 2nd class	x	x	x	x
Cab lighting	x	x	x	x
Lighting at the entry	x	x	x	x
Baggage area lighting	x	x	x	x
Headlights 3 x white		x	x	x
Marker light 2 x red		x	x	x
Horn		x	x	x
Bell (58342), Lighting for train destination sign (58344)		x	x	x
Rear headlights off			x	x
Conductor's whistle			x	x
Station announcement			x	x
Doors closing			x	x
Surrounding sounds / station sounds			x	x
Surrounding sounds 1			x	x
2nd conductor's whistle			x	x

Item no.	Page	Item no.	Page	Item no.	Page	Item no.	Page	Item no.	Page	Item no.	Page	Item no.	Page
37003	16	46533	3	58343	19	70391	9	72760	13	76491	10	76497	12
37175	14	47322	4	58344	20	70392	9	76471	12	76493	11	80623	15
37423	5	48413	15	60760	13	70411	9	76472	13	76494	11	87170	7
37895	2	58341	19	70361	8	70412	9	76480	10	76495	11	88675	7
39372	6	58342	20	70381	8	70421	8	76481	10	76496	12	88787	7



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