RSSLO

Karawankenbahn

Version 1.0

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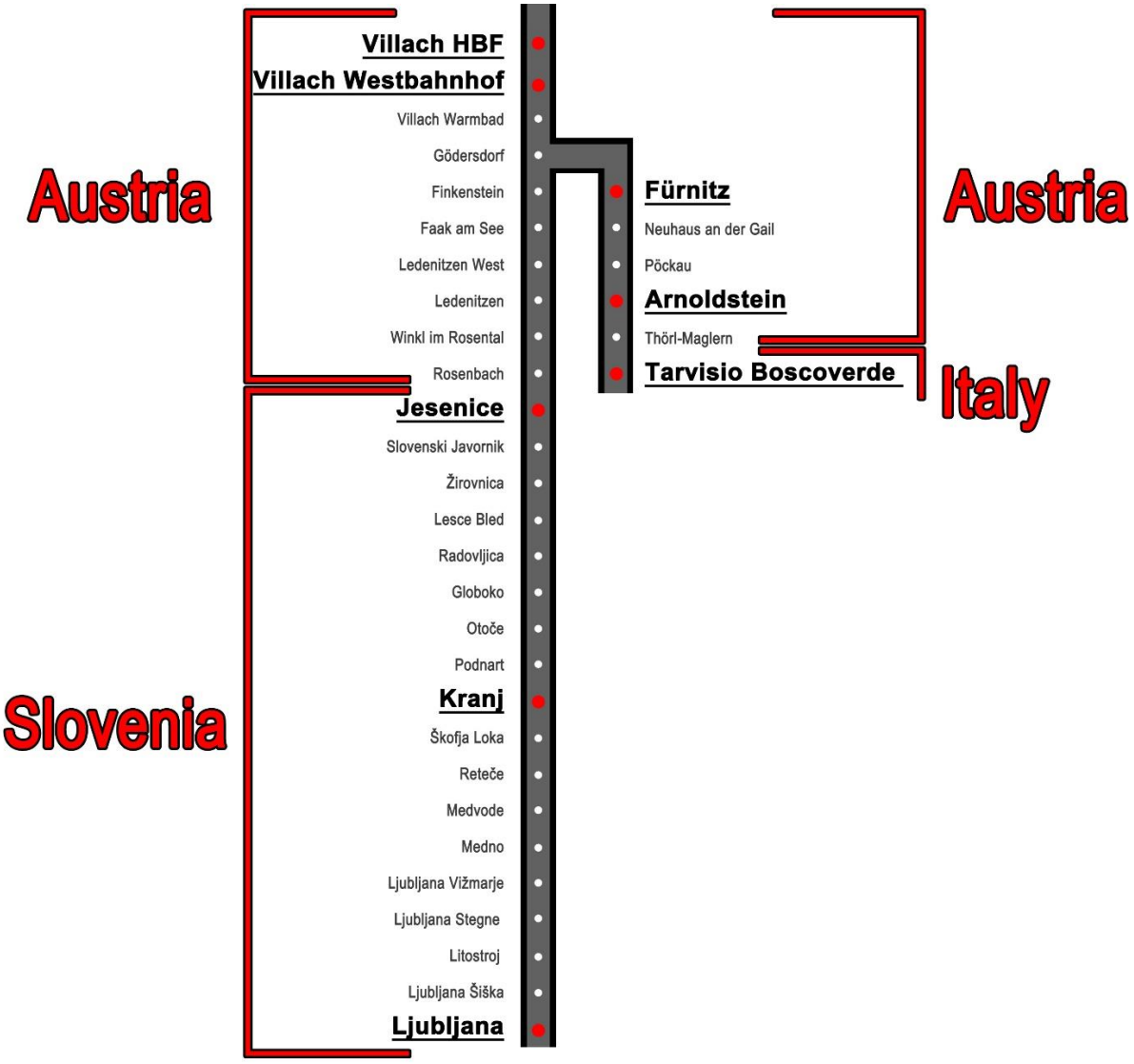
1. Introduction

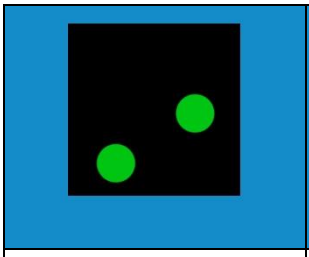
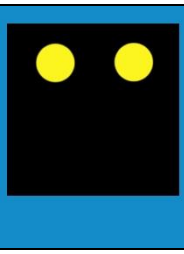
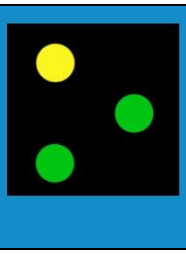
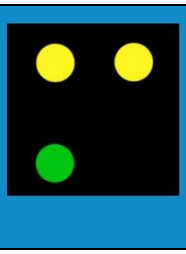
We present to you the three-country route (Austria, Slovenia, Italy) Karawankebahn. Created from Villach to Ljubljana and Villach to Tarvisio Boscoverde, which has a total length of about 135 km.



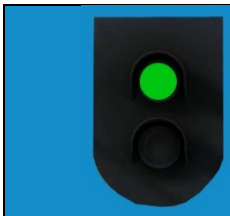
2. Signals Guide

2.1. OBB Distant Signals

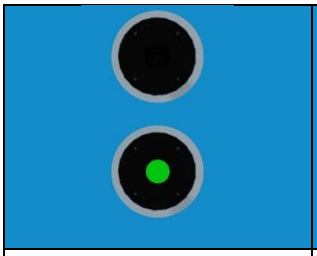
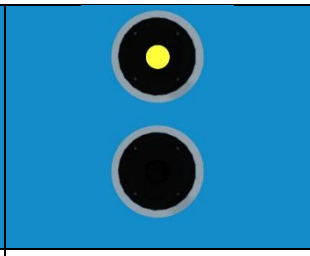
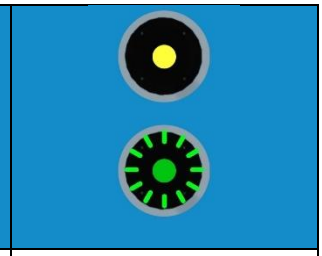
Distant signals are used to tell us what the following main signal after the distant signal is indicating. Distant signals with a white border are used when the next signal can be a protection signal.

			
Green The main signal will be green - Proceed at the line speed.	**Stop** The main signal will be indicating stop. - Slow down and be prepared to stop before the main signal.	**Warning 60** The main signal will be speed limited. Slow down to 60 km/h	**Warning 40** The main signal will be speed limited. Slow down to 40 km/h
Magnet **-**	**Magnet** **1000 Hz**	**Magnet** **1000 Hz**	**Magnet** **1000 Hz**

2.2. SZ Distant Signals

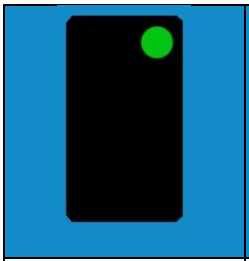
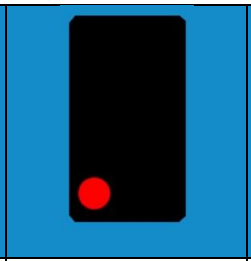
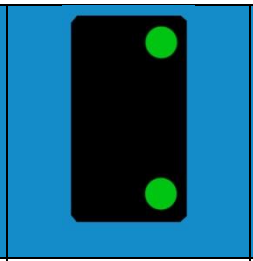
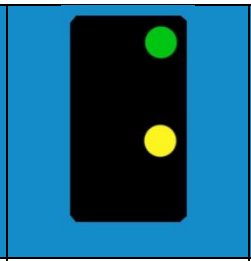
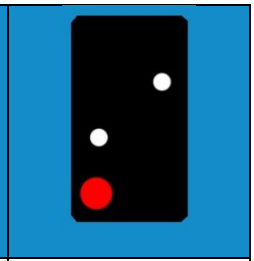
		
Green The main signal will be green - Proceed at the line speed.	**Stop** The main signal will be indicating stop. - Slow down and be prepared to stop before the main signal.	**Warning** The main signal will be speed limited. Slow down to the next signal speed.
Magnet **-**	**Magnet** **1000 Hz-**	**Magnet** **1000 Hz-**

2.3. FS Distant Signals

		
Green The main signal will be green - Proceed at the line speed.	**Stop** The main signal will be indicating stop. - Slow down and be prepared to stop before the main signal.	**Warning** The main signal will be speed limited. Slow down to 60 km/h
Magnet -	**Magnet** -	**Magnet** -

2.4. OBB Main Signals

Main signals are used along the running line.

				
Green Proceed at line speed.	**Stop** Stop before the signal.	**Warning 60** Proceed at 60 km/h.	**Warning 40** Proceed at 40 km/h.	**Shunt** Shunting allowed.
Magnet -	**Magnet** **2000 Hz**	**Magnet** -	**Magnet** -	**Magnet** **2000 Hz**

2.5. SZ Main Signals

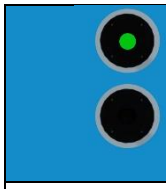
			
Green Proceed at line speed.	**Stop** Stop before the signal.	**Next Stop** Next signal will be indicating stop. - Slow down and be prepared to stop before the next signal.	**Warning 1** Next signal will be speed limited. Slow down to the next signal speed.
Magnet **-**	**Magnet** **2000 Hz**	**Magnet** **1000 Hz**	**Magnet** **1000 Hz**

		
Warning 2 Proceed at the signal speed. Next signal will be speed limited. Slow down to the next signal speed.	**Warning 3** Proceed at the signal speed. Next signal will green.	**Next Stop** Proceed at the signal speed. Next signal will be indicating stop. - Slow down and be prepared to stop before the next signal.
Magnet **1000 Hz**	**Magnet** **1000 Hz**	**Magnet** **1000 Hz**

Signal speed limits on Slovenia station

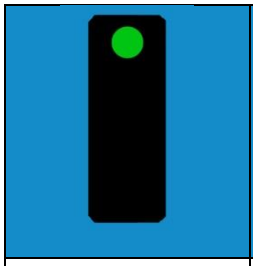
Station name	Signal speed limit
Jesenice	35 km/H
Other stations	40 km/H

2.6. FS Main Signals

			
Green Proceed at line speed.	**Stop** Stop before the signal.	**Next Stop** Next signal will show Stop (red light), Proceed at 60 km/h.	**Warning** Proceed at speed 60 km/h. The next signal will be speed limited at 60 km/h.
Magnet **-**	**Magnet** **2000 Hz**	**Magnet**	**Magnet**

2.7. Old Main Signals

Old main signals are used along the line.

			
Green Proceed at line speed.	**Stop** Stop before the signal.	**Warning 60** Proceed at 60 km/h.	**Warning 40** Proceed at 40 km/h.
Magnet **-**	**Magnet** **2000 Hz**	**Magnet** **-**	**Magnet** **-**

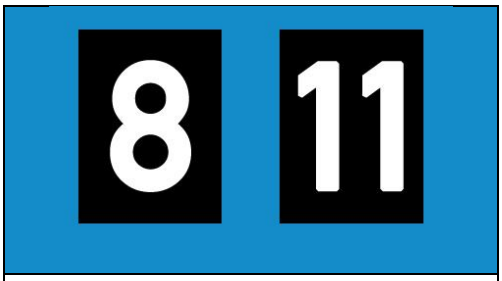
2.8. FS Exit Signals

		
Green Proceed at line speed.	**Stop** Stop before the signal.	**Next Stop** Next signal will show Stop (red light).
Magnet **-**	**Magnet** **2000 Hz**	**Magnet**

		
Green Proceed at line speed.	**Stop** Stop before the signal.	**Warning** Proceed at speed 60 km/h.
Magnet **-**	**Magnet** **2000 Hz**	**Magnet**

2.9. Speed Limit Signs

These speed limit signs can be found on some main signals. If main signal is showing “Warning 60” (only OBB) or Warning “40” (only OBB) and the speed limit is active (white numbers are shown), then you can proceed with the speed that is showed by the speed limit.



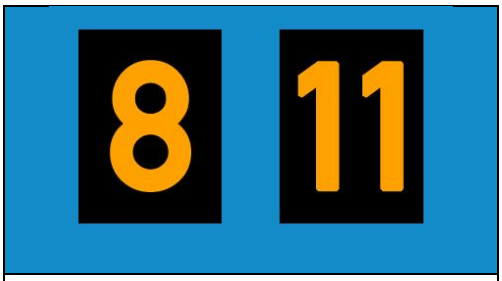
Speed limit

Examples:
8 = 80 km/h
11 = 110 km/h

Magnet

-

2.10. OBB Approaching Speed Limit



Approaching speed limit

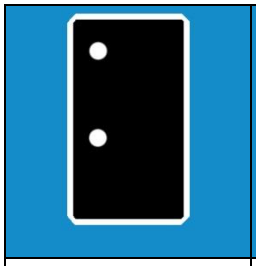
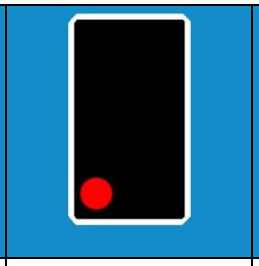
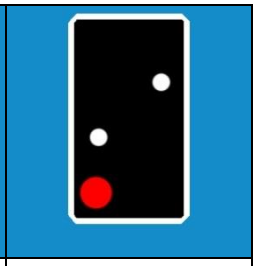
Examples:
8 = 80 km/h
11 = 110 km/h

Magnet

If the speed is lower than 85 km/h the magnet is active (1000 Hz). -only OBB
If the speed is higher than 85 km/h the magnet is not active (only OBB).

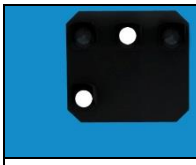
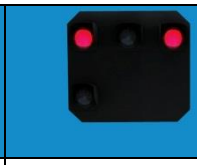
2.12. OBB Protection Signals

Protection signals are in use on the stations to protect only a section of the track.

		
Green Proceed at line speed.	**Stop** Stop before the signal.	**Shunt** Shunting allowed.
Magnet -	**Magnet** **2000 Hz**	**Magnet** **2000 Hz**

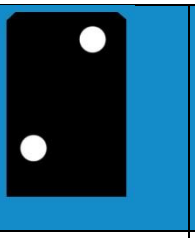
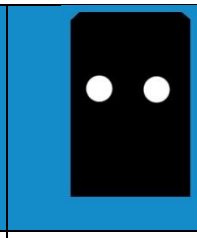
2.13. OBB Protection Signals

Protection signals are in use on the stations to protect only a section of the track.

	
Green Proceed at line speed.	**Stop** Stop before the signal.
Magnet -	**Magnet** -

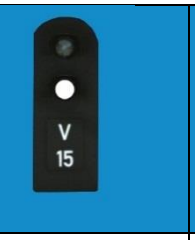
2.14. OBB Shunting Signals

Shunting signals are only used when trains are shunting in stations.

	
Green Proceed at the shunting speed.	**Stop** Stop before the signal.
Magnet -	**Magnet** -

2.15. OBB Shunting Signals

Shunting signals are only used when trains are shunting in stations.

	
Green Proceed at the shunting speed.	**Stop** Stop before the signal.
Magnet -	**Magnet** -

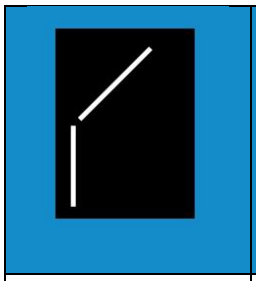
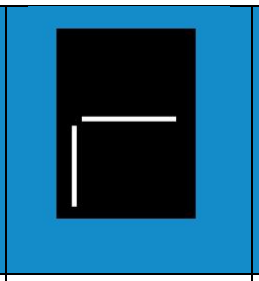
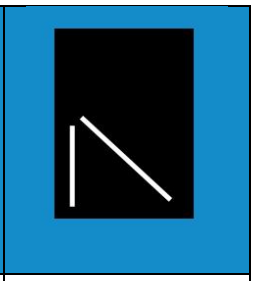
2.16. FS Shunting Signals

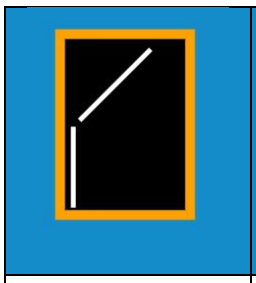
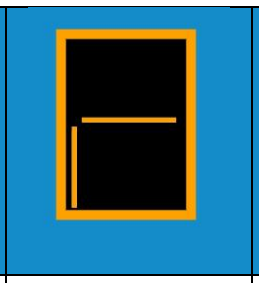
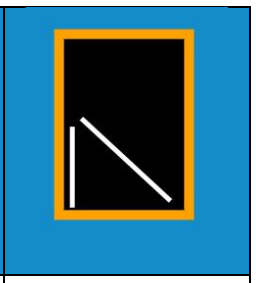
Shunting signals are only used when trains are shunting in stations.

	
Green Proceed at the shunting speed.	**Stop** Stop before the signal.
Magnet -	**Magnet** -

2.17. OBB Repeaters

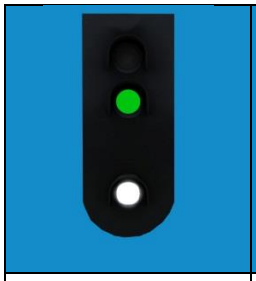
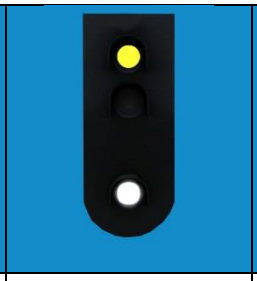
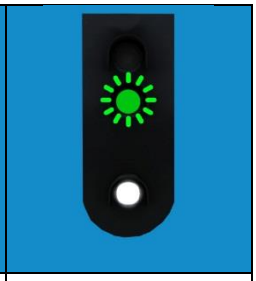
Repeaters are used when the main signals cannot be seen from the usual distance, around a curve or through a short tunnel.

		
Green The main signal will be Green.	**Stop** The main signal will be Stop.	**Warning** The main signal will be Warning.
Magnet -	**Magnet** -	**Magnet** -

		
Green The main signal will be Green.	**Stop** The main signal will be Stop.	**Warning** The main signal will be Warning.
Magnet -	**Magnet** **1000 Hz**	**Magnet** -

2.18. SZ Repeaters

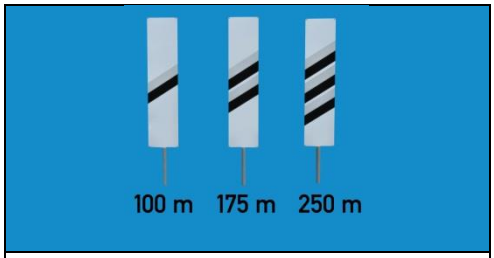
Repeaters are used when the main signals cannot be seen from the usual distance, around a curve or through a short tunnel.

		
Green The main signal will be Green.	**Stop** The main signal will be Stop.	**Warning** The main signal will be Warning.
Magnet -	**Magnet** -	**Magnet** -

3. Signs

3.1. Approaching Distant Signs

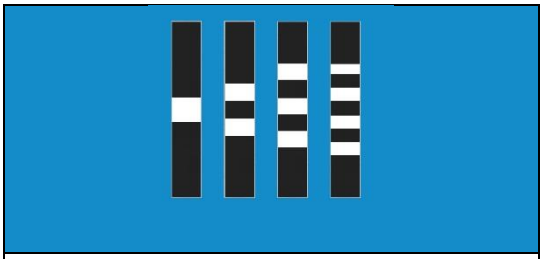
Approaching distant signal signs are there to tell us how much further the distant signal is.



Approaching distant signs

3.2. FS Approaching distant signs

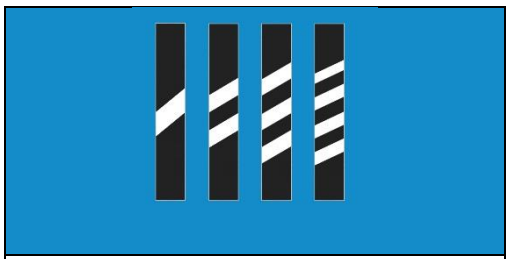
FS Approaching distant signal signs are there to tell us how much further the distant signal is.



FS Approaching distant signs

3.3. FS Approaching main signs

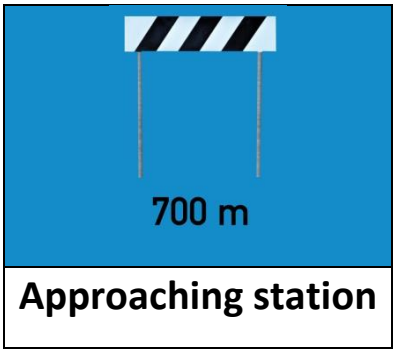
FS Approaching main signs are there to tell us how much further the main signal is.



FS Approaching main signs

3.4. Approaching Station Signs

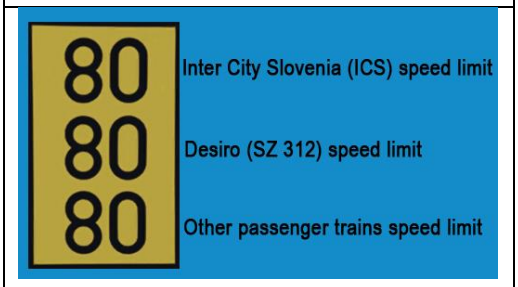
Approaching station signs are located about 700 m before the stations which don't have light signals.



3.5. OBB and SZ Speed Limit Signs

Speed limit signs inform you about the speed limits further on the route.

Speed Limit Signs



SZ Speed Limit Signs

3.6. OBB and SZ Approaching Speed Limit Signs

The approaching speed limit sign is used to announce a track speed reduction.

Approaching Speed Limit Signs

SZ Approaching Speed Limit Signs

4. Scenarios

4.1. Night delivery

1. Rating: **
2. Duration: 15 min
3. Scenario type: Career scenario
4. Type of vehicle: ÖBB 1293

4.2. Winter Freight

1. Rating: ***
2. Duration: 30 min
3. Scenario type: Career scenario
4. Type of vehicle: ÖBB 1293

4.3. Passenger Train for Ljubljana

1. Rating: **
2. Duration: 50 min
3. Scenario type: Career scenario
4. Type of vehicle: ÖBB 1293

4.4. Passengers for Slovenia

1. Rating: **
2. Duration: 35 min
3. Scenario type: Career scenario
4. Type of vehicle: ÖBB 1293

4.5. Freight for Italy

1. Rating: ****
2. Duration: 30 min
3. Scenario type: Career scenario
4. Type of vehicle: ÖBB 1293

4.6. Morning IC Train

1. Rating: **
2. Duration: 25 min
3. Scenario type: Career scenario
4. Type of vehicle: ÖBB 1293

4.7. Two Country Freight

1. Rating: ****
2. Duration: 50 min
3. Scenario type: Career scenario
4. Type of vehicle: ÖBB 1293

5. Credits

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