

Main characteristics of railway lines, track sections

Line number ID number	Starting point of line (station)	Final point of line (station)	Dividing line into sections	Number of tracks	Applicable load per meter (t/m)	Appl. axle class (t/m)	Maximum load applicable for one auxiliary component	Axle load ranges containing subload conditions of overweight locomotives				Applicable axle load (t)										Track speed design*	Maximum length of axle (m)	Electricity (kV)	Type of traffic management of line	General axle load limit (t/m)	Type of locomotive (T3 and ETCS3 locomotives)	Feasibility of axle transport (t/m)	Remarks	RTCA restriction code	RTCA restriction code																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
								2-axle		4-axle		2-axle		4-axle		6-axle		Special 1*		Special 2*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
								minimum axle load limit (t)	maximum axle load limit (t)	minimum axle load limit (t)	maximum axle load limit (t)	without limitation	with speed limit	without limitation	with speed limit	without limitation	with speed limit	without limitation	with speed limit	without limitation	with speed limit																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1	Budapest-Keleti	incl.	Hegyhalom uh.	incl.	two	7,2	Ck2 <sup>2</sup>	Ck2 <sup>2</sup>	21,6	22,5	21,6	22,5	18,0 <sup>2</sup>	22,5 <sup>2</sup>	18,0 <sup>2</sup>	22,5 <sup>2</sup>	18,0 <sup>2</sup>	22,5 <sup>2</sup>	18,0 <sup>2</sup>	22,5 <sup>2</sup>	100	140	750	yes	central	GSR, Rakepassenger	75 Hz, ETCS1	no	Trans European Rail Freight Network	"On the section Budapest-Keleti (incl.) - Hegyhalom external border, on all axle load classes, towed vehicles with axle loads above 21.0 t may only be used as special components"	Budapest-Keleti - Ferecivros	Ferecivros - Hegyhalom uh.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

Azimuth Azimuth	Subname	Starting point of line (station)	Final point of line (station)	Dividing line into sections	Number of tracks	Applicable case of line (m)	Applicable case of line (m)	Axle load range containing subload conditions of overweight locomotives				Applicable axle load (t) for locomotives and hauled vehicles						Track load (t/m²)	Maximum length of (m)	Electrical system	Type of traffic management of line	Ground wire (m)	Track protection (ETCS/ETCS/ETCS)	Possibility of line transport system	Rating of line	Remarks	RFCA Author name and number	RFCA Name and number		
								2-4 axle		4-6 axle		2-4 axle		4-6 axle		2-4 axle													4-6 axle	
								minimum axle load (t)	maximum axle load (t)	minimum axle load (t)	maximum axle load (t)	minimum axle load (t)	maximum axle load (t)	minimum axle load (t)	maximum axle load (t)	minimum axle load (t)	maximum axle load (t)												minimum axle load (t)	maximum axle load (t)
22		Körmend	Zalaúti	ecst.	ecst.	5.0	A	A	shall not run			10.0	10.0	10.0	10.0	9.0	120	120	no	ETCS2 / Induct	Freight Network									
23		Zalaúti	ecst.	ecst.	ecst.	5.0	A	A	shall not run			10.0	10.0	10.0	10.0	9.0	120	120	no	ETCS2 / Induct	Freight Network									
24		Zalaúti	ecst.	ecst.	ecst.	5.0	A	A	shall not run			10.0	10.0	10.0	10.0	9.0	120	120	no	ETCS2 / Induct	Freight Network									
25		Zalaúti	ecst.	ecst.	ecst.	5.0	A	A	shall not run			10.0	10.0	10.0	10.0	9.0	120	120	no	ETCS2 / Induct	Freight Network									
26		Zalaúti	ecst.	ecst.	ecst.	5.0	A	A	shall not run			10.0	10.0	10.0	10.0	9.0	120	120	no	ETCS2 / Induct	Freight Network									
27		Zalaúti	ecst.	ecst.	ecst.	5.0	A	A	shall not run			10.0	10.0	10.0	10.0	9.0	120	120	no	ETCS2 / Induct	Freight Network									
28		Zalaúti	ecst.	ecst.	ecst.	5.0	A	A	shall not run			10.0	10.0	10.0	10.0	9.0	120	120	no	ETCS2 / Induct	Freight Network									
29		Zalaúti	ecst.	ecst.	ecst.	5.0	A	A	shall not run			10.0	10.0	10.0	10.0	9.0	120	120	no	ETCS2 / Induct	Freight Network									
30		Zalaúti	ecst.	ecst.	ecst.	5.0	A	A	shall not run			10.0	10.0	10.0	10.0	9.0	120	120	no	ETCS2 / Induct	Freight Network									
31		Zalaúti	ecst.	ecst.	ecst.	5.0	A	A	shall not run			10.0	10.0	10.0	10.0	9.0	120	120	no	ETCS2 / Induct	Freight Network									
32		Zalaúti	ecst.	ecst.	ecst.	5.0	A	A	shall not run			10.0	10.0	10.0	10.0	9.0	120	120	no	ETCS2 / Induct	Freight Network									
33		Zalaúti	ecst.	ecst.	ecst.	5.0	A	A	shall not run			10.0	10.0	10.0	10.0	9.0	120	120	no	ETCS2 / Induct	Freight Network									
34		Zalaúti	ecst.	ecst.	ecst.	5.0	A	A	shall not run			10.0	10.0	10.0	10.0	9.0	120	120	no	ETCS2 / Induct	Freight Network									
35		Zalaúti	ecst.	ecst.	ecst.	5.0	A	A	shall not run			10.0	10.0	10.0	10.0	9.0	120	120	no	ETCS2 / Induct	Freight Network									
36		Zalaúti	ecst.	ecst.	ecst.	5.0	A	A	shall not run			10.0	10.0	10.0	10.0	9.0	120	120	no	ETCS2 / Induct	Freight Network									
37		Zalaúti	ecst.	ecst.	ecst.	5.0	A	A	shall not run			10.0	10.0	10.0	10.0	9.0	120	120	no	ETCS2 / Induct	Freight Network									
38		Zalaúti	ecst.	ecst.	ecst.	5.0	A	A	shall not run			10.0	10.0	10.0	10.0	9.0	120	120	no	ETCS2 / Induct	Freight Network									
39		Zalaúti	ecst.	ecst.	ecst.	5.0	A	A	shall not run			10.0	10.0	10.0	10.0	9.0	120	120	no	ETCS2 / Induct	Freight Network									
40		Zalaúti	ecst.	ecst.	ecst.	5.0	A	A	shall not run			10.0	10.0	10.0	10.0	9.0	120	120	no	ETCS2 / Induct	Freight Network									
41		Zalaúti	ecst.	ecst.	ecst.	5.0	A	A	shall not run			10.0</																		



Altitude m	Altitude Sea level	Starting point of line (station)	Final point of line (station)	Dividing line into sections	Number of tracks	Applied load rate of axle (t)	Maximum load applicable for axle and/or components		Axle load range containing subload conditions of overweight locomotives		Applicable axle load (t) for locomotives and hauled vehicles										Track load category <sup>1</sup>	Maximum length of axle (m)	Electrified (yes/no)	Type of traffic management of line	Gauge and axle load (t) (see table 2)	Train protection (ETCS/ETCS/ETCS/ETCS)	Possibility of data request system	Rating of line	Remarks	RFCA Author state code	RFCA line code		
							Applied load rate of axle (t)	Maximum load applicable for axle and/or components	2-axle	4-axle	2-axle		4-axle		2-axle	4-axle	2-axle	4-axle	2-axle	4-axle												2-axle	4-axle
											without load (t)	with load (t)	without load (t)	with load (t)																			
1																																	
92	1	Atskolu-Tsozi pa.	east.	Bānēvā oh.	int.	Latvian railways - Atskolu-Goleri	east-west	two	6.4	CH2	D2	21.6	22.5	21.6	22.5	21.0	21.0	21.0	21.0	21.0	21.0	100	700	yes	station	160 km/h	no	no	Narrow-Gauge Network				
	2	Bānēvā	east.	Goleri	int.	Latvian railways - Bānēvā oh.	east-west	one	6.4					19.6	20.4			19.0	18.0	17.0	80	250	no	station		no	no						
				Latvian railways - Goleri	east-west			one	6.4	CH2	D2	shall not run	shall not run	shall not run	shall not run	21.0	21.0	18.0	16.0	15.0	60	250	no	station		no	no	Narrow-Gauge core network					
				Soviet - Soviet-Anglo	east-west			one	6.4	CH2	D2	shall not run	shall not run	shall not run	shall not run	21.0	21.0	18.0	16.0	15.0	60	250	no	station		no	no						
				Soviet-Anglo - Soviet-Anglo	east-west			one	6.4	CH2	D2	shall not run	shall not run	shall not run	shall not run	21.0	21.0	18.0	16.0	15.0	60	250	no	station		no	no						
				Soviet-Anglo - Soviet-Anglo	east-west			one	6.4	CH2	D2	shall not run	shall not run	shall not run	shall not run	21.0	21.0	18.0	16.0	15.0	60	250	no	station		no	no						
				Soviet-Anglo - Soviet-Anglo	east-west			one	6.4	CH2	D2	shall not run	shall not run	shall not run	shall not run	21.0	21.0	18.0	16.0	15.0	60	250	no	station		no	no						
				Soviet-Anglo - Soviet-Anglo	east-west			one	6.4	CH2	D2	shall not run	shall not run	shall not run	shall not run	21.0	21.0	18.0	16.0	15.0	60	250	no	station		no	no						
				Soviet-Anglo - Soviet-Anglo	east-west			one	6.4	CH2	D2	shall not run	shall not run	shall not run	shall not run	21.0	21.0	18.0	16.0	15.0	60	250	no	station		no	no						
				Soviet-Anglo - Soviet-Anglo	east-west			one	6.4	CH2	D2	shall not run	shall not run	shall not run	shall not run	21.0	21.0	18.0	16.0	15.0	60	250	no	station		no	no						
				Soviet-Anglo - Soviet-Anglo	east-west			one	6.4	CH2	D2	shall not run	shall not run	shall not run	shall not run	21.0	21.0	18.0	16.0	15.0	60	250	no	station		no	no						
				Soviet-Anglo - Soviet-Anglo	east-west			one	6.4	CH2	D2	shall not run	shall not run	shall not run	shall not run	21.0	21.0	18.0	16.0	15.0	60	250	no	station		no	no						
				Soviet-Anglo - Soviet-Anglo	east-west			one	6.4	CH2	D2	shall not run	shall not run	shall not run	shall not run	21.0	21.0	18.0	16.0	15.0	60	250	no	station		no	no						
				Soviet-Anglo - Soviet-Anglo	east-west			one	6.4	CH2	D2	shall not run	shall not run	shall not run	shall not run	21.0	21.0	18.0	16.0	15.0	60	250	no	station		no	no						
				Soviet-Anglo - Soviet-Anglo	east-west			one	6.4	CH2	D2	shall not run	shall not run	shall not run	shall not run	21.0	21.0	18.0	16.0	15.0	60	250	no	station		no	no						
				Soviet-Anglo - Soviet-Anglo	east-west			one	6.4	CH2	D2	shall not run	shall not run	shall not run	shall not run	21.0	21.0	18.0	16.0	15.0	60	250	no	station		no	no						
				Soviet-Anglo - Soviet-Anglo	east-west			one	6.4	CH2	D2																						



[illegible]

Line number Sub number	Starting point of line (station)	Final point of line (station)	Dividing line into sections	Number of tracks	Applicable load per axle (t/m)	Applicable class of line in accordance with any special requirements	Axle load range containing subload conditions of overweight locomotives				Applicable axle load (t) for locomotives and hauled vehicles										Truck load density <sup>1</sup> m <sup>2</sup> /m	Maximum length of train (m)	Electrified (kV/mV)	Type of traffic management of line	Ground safety rules (km/h)	Traffic restriction (7) HET/ETCS/ETCS/ETCS	Possibility of data transport (category)	Rating of lines	Remarks	IFCA Reference number	IFCA Reference number																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
							2-4 axle	4-6 axle	2 axle	4-6 axle	4-6 axle	special 1 <sup>2</sup>	special 2 <sup>2</sup>	special 3 <sup>2</sup>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
134	Sárged Rendező	encl.	Rákos ut.	encl.	encl.	encl.	7,2	D3	D3	no restriction	no restriction	no restriction	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	80	700	no	station	no	ETCS1	no	Trans European Rail Freight Network																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
140	Csigéd	encl.	Sárged	encl.	encl.	encl.	7,2	D3	D3	21,6	22,5	21,6	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	22,5	100	750	yes	central	160 km/h	75 Hz	no	Trans European Rail Freight Network	Central traffic control: Csigéd-Rákosút/Rákosút-Sárged (encl.), Kiskunfélegyháza Central traffic control: Városlőd (encl.) - Kiskunfélegyháza (encl.) <sup>1</sup> Legit (encl.) - Kiskunfélegyháza (encl.) in all axle load classes, loaded vehicles with an axle load of over 21 t & 1 may only be used as exceptional consignments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										





Line number Sub-number	Starting point of line (station)	Final point of line (station)	Dividing line into sections	Number of tracks	Applicable load per meter (t/m)	Applicable class of line	Active load range containing subload conditions of one-weight locomotives				Applicable axle load (t) for locomotives and hauled vehicles										Truck load (t/m <sup>2</sup> )	Truck load length (m)	Maximum length (m) of train	Electrified (kV)	Type of traffic management of line	Ground state (t/m <sup>2</sup> ) (EN 15273)	Trolley voltage (V) (EN 50123)	Possibility of Rail freight services	Rating of line	Remarks	IFCA Reference number	RTE Route number												
							Maximum load applicable for one-weight locomotives				for locomotives and hauled vehicles																																	
							Minimum axle load (t)	2-6 axle	Maximum axle load (t)	4-6 axle	2-6 axle	4-6 axle	2-6 axle	4-6 axle	2-6 axle	4-6 axle	2-6 axle	4-6 axle	2-6 axle	4-6 axle																								
262	A	Hétfőzáró elágazás	ecet.	Hétfőzáró elágazás	ecet.		02	shall not run	shall not run																																			
	B	Hétfőzáró elágazás	ecet.	Hétfőzáró elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
	C	Hétfőzáró elágazás	ecet.	Hétfőzáró elágazás	ecet.		02	shall not run	shall not run																																			
	D	Hétfőzáró elágazás	ecet.	Hétfőzáró elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
	E	Hétfőzáró elágazás	ecet.	Hétfőzáró elágazás	ecet.		02	shall not run	shall not run																																			
263	A	Hétfőzáró elágazás	ecet.	Hétfőzáró elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
264	A	Sárvíz elágazás	ecet.	Sárvíz - Hétfőzáró elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
	B	Sárvíz elágazás	ecet.	Sárvíz - Hétfőzáró elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
	C	Sárvíz elágazás	ecet.	Sárvíz - Hétfőzáró elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
	D	Sárvíz elágazás	ecet.	Sárvíz - Hétfőzáró elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
	E	Sárvíz - Hétfőzáró elágazás	ecet.	Sárvíz - Hétfőzáró elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
265	A	Kálaföld elágazás	ecet.	Kálaföld elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
266	A	Vöröspuszta elágazás	ecet.	Vöröspuszta elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
267	A	Dombóvár elágazás	ecet.	Dombóvár elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
268	A	Tábor elágazás	ecet.	Tábor elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
269	A	Kecskemét elágazás	ecet.	Kecskemét elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
270	A	Eger-Rendező elágazás	ecet.	Eger-Rendező elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
271	A	Győr elágazás	ecet.	Győr elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
272	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
273	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
274	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
275	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
276	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
277	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
278	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
279	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
280	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
281	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
282	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
283	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
284	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
285	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
286	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
287	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
288	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
289	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
290	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
291	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
292	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
293	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
294	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
295	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
296	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
297	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
298	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
299	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
300	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
301	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
302	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
303	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
304	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
305	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
306	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
307	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
308	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
309	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
310	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
311	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
312	A	Kisbuda elágazás	ecet.	Kisbuda elágazás	ecet.		02	21.6	22.5	21.6	22.5																																	
313	A	Kisbuda elágazás																																										

\*\*\*\* The analogue 160/450 MHz line radio network will be switched off after the end of the migration period (31.12.2026). Only the GSM-R network will be available from 01.01.2027.