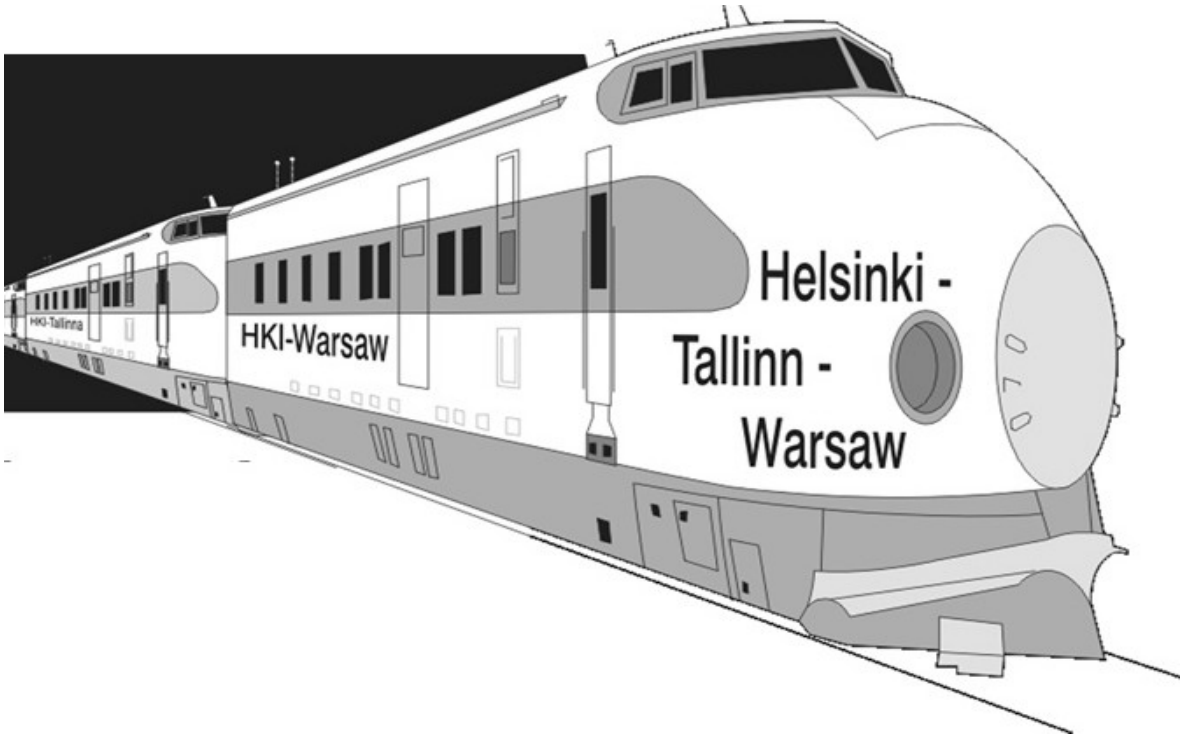
(Helsinki) – Tallinna – Warsova
suora rautatieyhteys

henkilöitä, henkilöautoja, rahtitavaraa

OIKOTIE EUROOPPAAN



BALTIRAIL

Rail Baltica
Crete Railway Corridor I

Hahmotelma hankesuunnitelmaksi

Luonnos 26.1.2004

Liite 1

BALTIRAIL-rata = CRETE Railway Corridor I

BALTIRAIL; yleistiedot radasta valtioittain

INFRASTRUCTURE OF INDIVIDUAL COUNTRIES

Crete Corridor I

Estonia
(data for 2001)

Tallinn – Tapa – Tartu – Valga line

Section	Tallinn – Tapa	Tapa – Tartu	Tartu – Valga
Length, km	77.5	112.5	82.9
Track gauge, mm	1520	1520	1520
Number of tracks	2	1	1
Distance between tracks, m	4.1	-	-
Maximum speed, km/h	100	100	80
Minimum curve radius, m	600	600	631
Maximum gradient, ‰	9.5	9.5	9.5
Clearance	GC	GC	GC
Permissible axle load, t	23.0	23.0	23.0
Type of traction	Diesel	Diesel	Diesel
Line block system	Automatic	Automatic	Automatic/semi-automatic.

Data on terminals and ports: The main transit port is Tallinn Port with 29 million tonnes of transit freight passing it in 2000. Container terminal for 60,000 TEU was opened at Muuga Port.

Latvia
(data for 2001)

Valka – Rīga – Jelgava – Meitene

Section	Border – Rīga	Rīga – Jelgava	Jelgava – Meitene
Length, km	166	43	33
Track gauge, mm	1520	1520	1520
Number of tracks	1/2	2	1
Distance between tracks, m	4.1	4.1	-
Maximum speed, km/h	120	100	120
Minimum curve radius, m	360	420	320
Maximum gradient, ‰	11.2	8.4	5.2
Clearance	GC	GC	GC
Permissible axle load, t	23.0	23.0	23.0
Type of traction	Diesel	Electrical/ diesel	Diesel
Line block system	Automatic	Automatic	Semi-automatic

Data on terminals and ports: The volume of transit freight in the railway stations of Rīga Port was 9.19 million tonnes in 2001.

Lithuania
(data for 2001)

State border – Joniškis – Šiauliai – Radviliškis – Gaižiūnai – Kaunas – Kazlų Rūda – Šeštokai – State border line

Section	State border – Šiauliai	Šiauliai – Radvilišk is	Radvilišk is – Gaižiūnai	Gaižiūnai – Palemonas	Palemonas – Kaunas	Kaunas – Kazlų Rūda	Kazlų Rūda – Šeštokai	Šeštokai – State border
Length, km	59.5	19.8	102.5	25.7	9.6	36.9	56.9	21.8
Track gauge, mm	1520	1520	1520	1520	1520	1520	1520	1435
Number of tracks	1	2	1/2	1	2	2	1	1
Distance between tracks, m	-	4.1	4.1	-	4.1	4.1	-	-
Maximum speed, km/h	100	120	120	80	100	100	70	70
Minimum curve radius, m	458	945	570	552	781	250	465	613
Maximum gradient, ‰	2.6	9.7	8.1	4.1	5.3	5.4	8.8	8.8
Clearance	GC	GC	GC	GC	GC	GC	GC	GC
Permissible axle load, t	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
Type of traction	Diesel	Diesel	Diesel	Diesel	Electrical 25 kV/Diesel	Diesel	Diesel	Diesel
Line block system	Semi-automatic	Automat.	Semi-automatic	Semi-automatic	Automat.	Semi-automatic	Semi-automatic	Semi-automatic

Data on terminals and ports: Šeštokai station handled 267.2 thousand tonnes of freight in 2001. Pilot gauge change device was commissioned at Mockava station in 2000.

Poland
(data for 2001)

State border – Trakiszki – Suvałki – Sokołka – Białystok – Warsaw

Section	Border – Trakiszki – Suvałki	Suvałki – Sokołka	Sokołka – Białystok	Białystok – Warsaw
Length, km	26	99	41	172
Track gauge, mm	1435	1435	1435	1435
Number of tracks	1	1	1	2
Distance between tracks, m	-	-	-	3.6/4.0
Maximum speed, km/h	40-60	80-90	100	100-120
Minimum curve radius, m	870	870	870	870
Maximum gradient, ‰	9.6	9.1	7.2	12
Clearance	GB	GB	GB	GB
Permissible axle load, t	21.0	21.0	21.0- 22.0	21.0
Type of traction	Diesel	Diesel	electrical 3 kV	Electrical 3 kV
Line block system	Semi-automatic	Semi-automatic	Semi-automatic	Semi-automatic

Data on terminals and ports:

No data were made available.

Crete Corridor IA

Lithuania
(data for 2001)

Šiauliai – Pagėgiai line

Section	Šiauliai – Pagėgiai – State border
Length, km	147.8
Track gauge, mm	1520
Number of tracks	1
Distance between tracks, m	-
Maximum speed, km/h	120
Minimum curve radius, m	410
Maximum gradient, ‰	9.5
Clearance	GC
Permissible axle load, t	23.0
Type of traction	Diesel
Line block system	Semi-automatic

Russia
(data for 2001)

Sovietsk – Cherniakhovsk – Kaliningrad – Mamonovo – State border line

Section	Sovietsk – Cherniakhovsk	Cherniakhovsk – Kaliningrad	Kaliningrad – Mamonovo
Length, km	58	90	55
Track gauge, mm	1520	1520	1520/1435
Number of tracks	1	2	2
Distance between tracks, m	-	4.1	4.2
Maximum speed, km/h	100	100	100
Minimum curve radius, m	360	550	350
Maximum gradient, ‰	10.3	8.6	9.9
Clearance	GC	GC	GC
Permissible axle load, t	23.0	23.0	23.0
Type of traction	Diesel	Diesel	Diesel
Line block system	Semi-automatic	Semi-automatic	Semi-automatic

Data on terminals and ports
Wagon turnover in 2001, including:
Commercial seaport – 38,298 wagons
Fishing port – 11,500 wagons
Inland port – 2,044 wagons

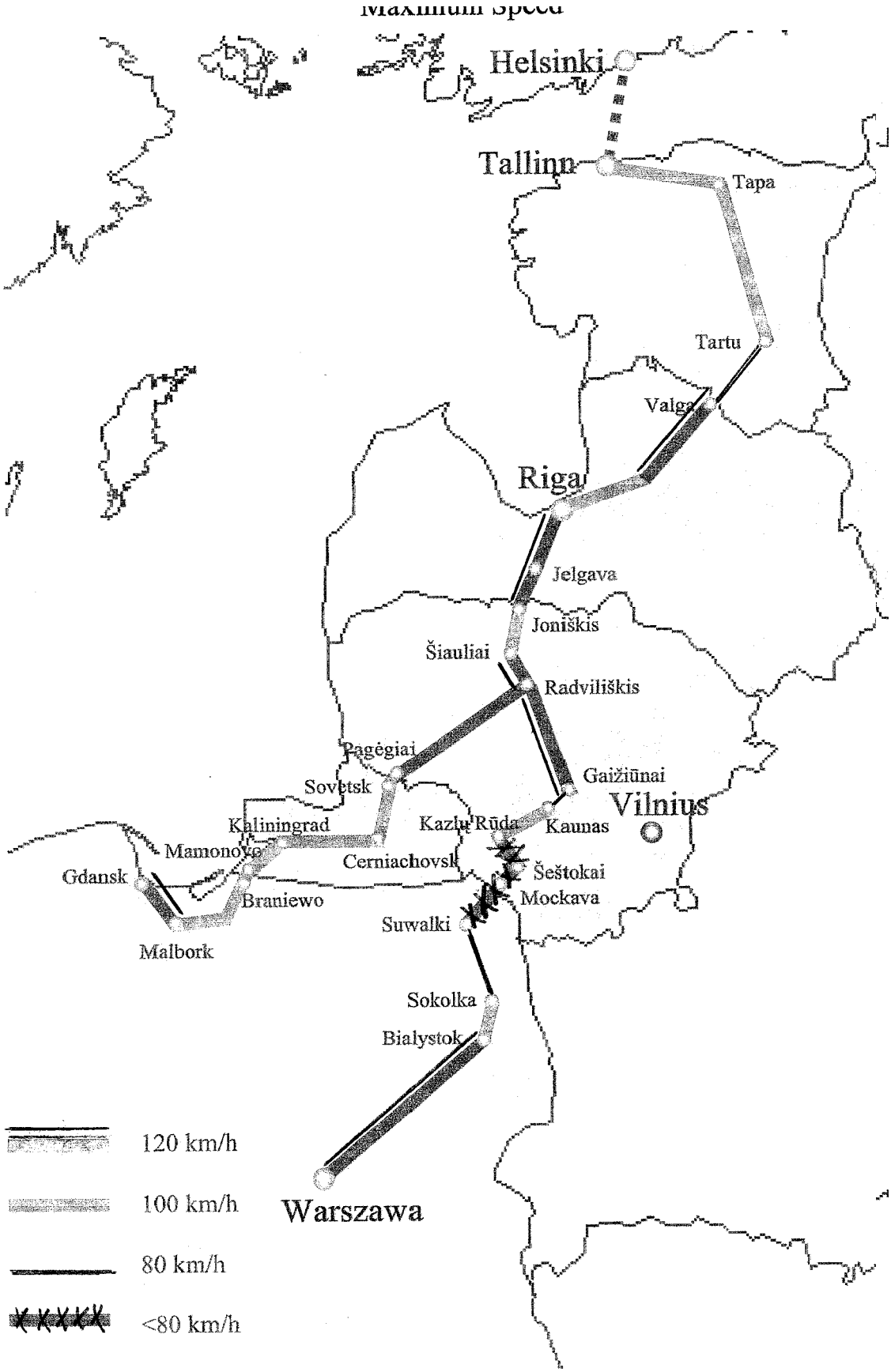
Poland
(data for 2001)

State border – Braniewo – Malbork – Gdansk line

Section	State border – Braniewo – Malbork	Malbork – Gdansk
Length, km	90	51
Track gauge, mm	1435	1435
Number of tracks	2/1	2
Distance between tracks, m	3.95	4.0
Maximum speed, km/h	100	120
Minimum curve radius, m	800	210
Maximum gradient, ‰	7.2	8.5
Clearance	GB	GB
Permissible axle load, t	21.0	21.0
Type of traction	Electrical/diesel	Electrical 3 kW
Line block system	Semi-automatic	Semi-automatic

Liite 3

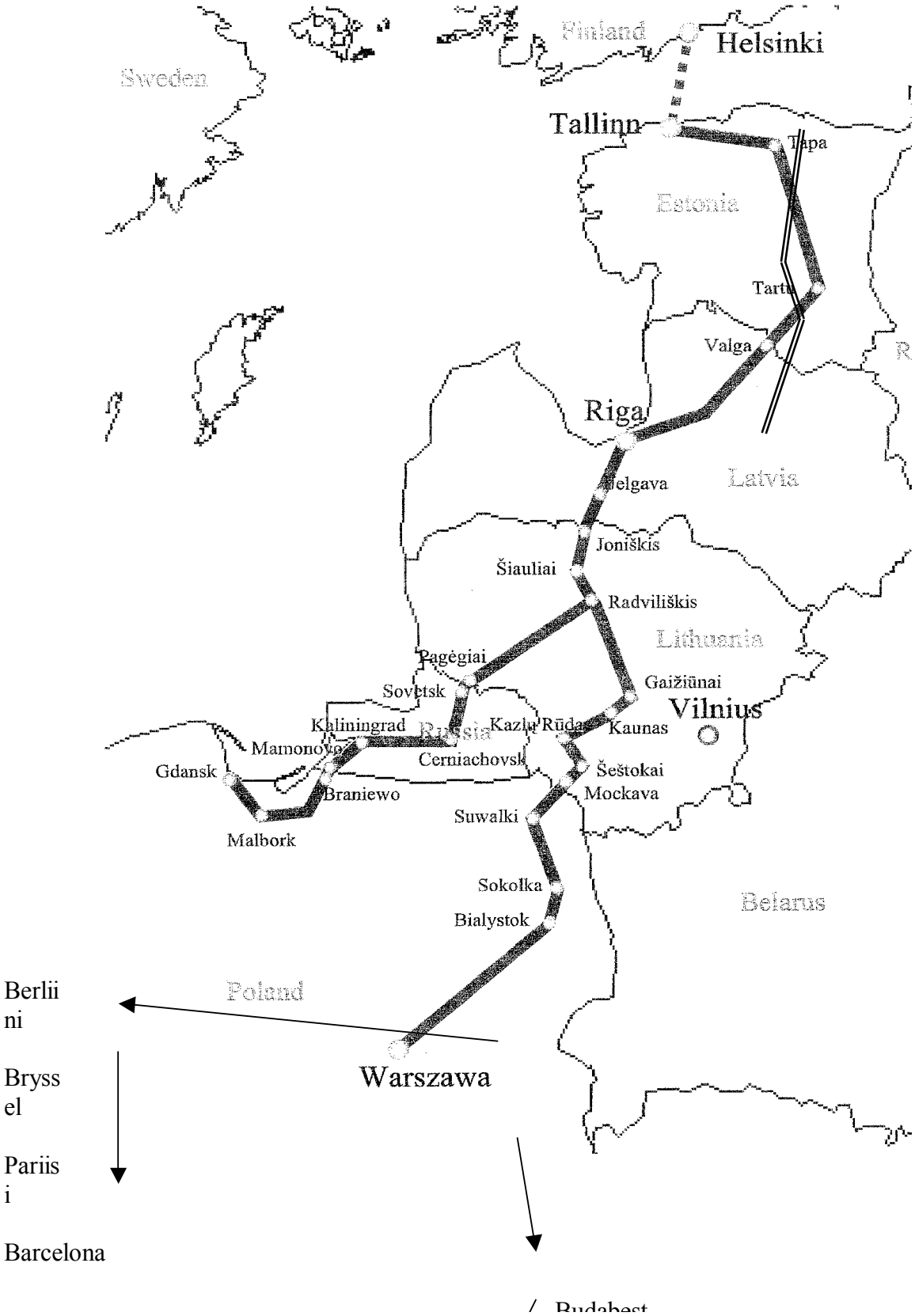
BALTIRAIL; maksiminopeudet



Liite 4

BALTIRAIL-suora reitti = CRETE Corridor I A

(Tallinna – Pärnu – Riiga – Kalingrad – Gdansk)



Liite 5

BALTIRAIL; nykyiset rahtimäärät reitin eri osuuksilla