New opportunities for cargo logistics in Baltic region

Māra Tapiņa
Director of the Land Transport department
Ministry of Transport
of the Republic of Latvia
Latvia as a natural bridge in EuroAsia traffic

Common:
- single infrastructure
- single rolling stock
- unified information exchange system
- single documentation

thus there is no need: to spend time at border crossings to change wheels to change the documentation to make customs clearance on the border
Transport policy document “Networks for peace and development. Extension of the major trans-European transport axes to the neighbouring countries and regions” accent significant role of Latvia as a gateway between EU and Russia (and further Far East and Asia) – the only direct channel from and to Russia lies via Latvia!
Main railway corridors for Euro – Asia connections (OSJD)
Latvian routes and railroads are included in AGC and AGTC maps.
Transport system of Latvia

General plan of location of the principal transport infrastructure elements.
Cargo turnover in the ports of Latvia

Cargo turnover in Latvian ports 1996-2008 thousand of tonns

- 1996: 45034
- 1997: 50690
- 1998: 52292
- 1999: 49026
- 2000: 51843
- 2001: 56915
- 2002: 52155
- 2003: 54755
- 2004: 57400
- 2005: 60042
- 2006: 59497
- 2007: 62434
- 2008: 63645
Freeport of Riga

Total territory of the port: 6,348 ha

- Land of the port: 1,962 ha
- Free territories: 658 ha
- Use of port: 54%
- Total length of the quay: 1,250 m
- Warehouse: 180,000 m²
- Open air storages: 1,797,000 m²
- Cold store area: 31,750 t
- Liquid cargo reservoirs: 309,500 m³

Cargo turnover Freeport of Riga 2000 - 2008 thousand tons:
- Oil products: 53,587
- Containers: 19,129
- Roll on/roll off: 650
- Other cargos: 3,860
- Timber: 2040.5
- Metals: 19.3
- Fertilizers: 19,442
- Coal: 13,776.2
- Other cargos: 3,860
- Timber: 2040.5
- Metals: 19.3
- Fertilizers: 19,442
- Coal: 13,776.2
- Other cargos: 3,860
- Timber: 2040.5
- Metals: 19.3
- Fertilizers: 19,442
- Coal: 13,776.2
Freeport of Riga

Feeder lines:
- **MSC Line**
  (Antwerp – Riga–Kotka-Helsinki - Tallinn)
- **Maersk Sealand**
  (Bremerhaven – Riga –Kotka – Rauma-Bremerhaven)
- **French Baltic Line** (CMA-CGM)
  (Riga – Hamburg - Klaipeda)
- **Unifeeder Container Service**
  (Bremerhaven – Hamburg - Riga - Klaipeda)
- **Team Lines**
  (Hamburg - Bremerhaven - Riga - Klaipeda)
- **Containerships**
  (Rotterdam-Teesport –Klaipeda -Riga)
- **Inter Marine Container Lines**
  (Hamburg- Gdyn-Gdansk- Riga)

Ferry lines:
- **Tallink**
  (Riga – Stockholm)
- **DFDS Tor Line**
  (Riga – Libeck)
Deepest ice free port in the Baltic Sea

- Maximum depth: 17.5 m
- Maximum tonnage (DWT): 150,000
- Maximum draught: 15 m
- Number of berths: 60
- Overall length of berths: 11,012 m
- Overall length of dry bulk and general cargo berths: 7,896 m
- Overall length of liquid cargo berths: 3,116 m
- Vessels' LOA: 270 m
- Overall liquid cargo storage capacities: 1,500,000 m³
- Overall closed storage area: 170,000 m²
- Overall open storage area: 190,000 m²
- Cold store area: 5,000 m²
- Overall port territory: 2,623.94 ha
- Available territories: 1,240 ha

Freeport of Ventspils

Cargo turnover Freeport of Ventspils 2000 - 2008

- Coal: 4460 thousand tonns
- Oil: 1492.1 thousand tonns
- Oil products: 15029.6 thousand tonns
- Fertilizers: 2673.6 thousand tonns
- Timber: 377.6 thousand tonns
- Metals: 15.7 thousand tonns
- Roll on/roll off: 1355.1 thousand tonns
- Containers: 142.1 thousand tonns
- Other cargos: 3024 thousand tonns

Diagram showing the distribution of cargo types.
Port of Liepaja

The port provides for covered and closed storage of all kinds of cargo:

- Open cargo storage – 440,000 m²
- Warehouses – 70,000 m²
- Silos – 28,200 m²
- Cold storage – 25,200 m²
- Liquid cargo reservoirs – 75,000 m²

Modern cargo handling equipment is at the disposal of port enterprises:

- Portal cranes (up to 40 t)
- Mobile cranes (up to 45 t)
- Loaders (up to 16 t)
- Other terminal equipment (up to 25 t)

Cargo turnover Port of Liepaja 2000-2008 thousand tonns:

- Timber: 463,1
- Metals: 498,8
- Oil: 274,4
- Oil products: 522,9
- Containers: 36,1
- Other cargos: 974
Regular container train bring containers double weekly between Baltic ports and Central Asia (Kazakhstan, Uzbekistan, Kirgizstan, Turkmenistan)

Next step is to prolong this line and to connect it with China. Both governments and private operators of Latvia, China and Kazakhstan are working on the development of this route.
**Block Train: Baltica - Transit**

- **Strict timetable, including scheduled border crossing**
- **Optimized delivery time (8-10 days; 3-5 trains per week)**
- **IT systems common for all project participants (real time freight tracking)**
- **Door-to-door service**

**Baltica - Tranzit 2003 - 2008 (TEU)**

<table>
<thead>
<tr>
<th>Year</th>
<th>TEU</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003</td>
<td>1297</td>
</tr>
<tr>
<td>2004</td>
<td>4364</td>
</tr>
<tr>
<td>2005</td>
<td>6949</td>
</tr>
<tr>
<td>2006</td>
<td>10139</td>
</tr>
<tr>
<td>2007</td>
<td>21749</td>
</tr>
<tr>
<td>2008</td>
<td>16019</td>
</tr>
</tbody>
</table>
Test train has been launched (96 TEU)
25.04.2008. (China) – 06.05.2008. (Riga) – 08.05.2008. (Hamburg)

10 days transit time from Dostyk to Riga terminal
14 days transit time from terminal Urumqi to door Central EU

Transport mode index:
- CN-KZ by rail (switch gauge: Alashankou-Dostik)
- KZ-RU-LV by rail (gauge 1520mm)
- LV-CZ/NL by truck
- LV-EU by seafreight
The Container train «ZUBR» ensures:

- Cargo traffic between the Baltic and the Black Sea regions
- Cargo delivery from Latvian and Estonian ports to Belarus and Ukraine ports and vice versa
- Maintenance of the accelerated delivery of containers.

The Container train «ZUBR» provides:

- Short delivery times of the cargo;
- Reliable transportation;
- Competitive tariffs;
- Fixed schedules;
- Wagons with general-purpose and special container types.
Railway cargo turnover 1996-2008 thousands of tons

- 1996: 35264
- 1997: 41018
- 1998: 37857
- 1999: 33208
- 2000: 36412
- 2001: 37884
- 2002: 40100
- 2003: 48355
- 2004: 51058
- 2005: 54861
- 2006: 48731
- 2007: 52164
- 2008: 56061
Thank you for your attention!

www.sam.gov.lv
www.transport.lv