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Agenda item 3 (b)

Euro-Asian transport corridors*

Transmitted by the Committee of the Organization for Cooperation between Railways (OSJD)

1. The programme of work of the Organization for Cooperation between Railways (OSJD) for 2005-2010 calls for the development within the Organization of comprehensive plans for the improvement of transport and the development of OSJD transport corridors (hereinafter, Comprehensive Plan). The Comprehensive Plans for OSJD Corridors Nos. 1, 9 and 11 were completed in 2006 and endorsed by the thirty-fourth session of the OSJD Ministerial Meeting, held in Sofia in June 2006.

2. Of the three corridors, Corridor No. 1 has the greatest capacity and is the best equipped. Its overall length, including branch lines, is 24,800 kilometres. The most important branch lines are in Kazakhstan, China and Mongolia.

* The ECE Transport Division has submitted the present document after the official document deadline due to resource constraints.

3. Corridor No. 1 passes through 11 countries, namely Poland, Latvia, Lithuania, Estonia, Belarus, the Russian Federation, Kazakhstan, Uzbekistan, China, Mongolia and the Democratic People's Republic of Korea.

4. The main route of the corridor is: *Kunowice-Warszawa-Brest-Minsk-Moskva-Nizhny Novgorod-Sverdlovsk (Ekaterinburg)-Omsk-Novosibirsk-Krasnoyarsk-Irkutsk - Nakhodka/Vanino/Khasan*.

5. On certain sections of the corridor in 2005, the maximum volume of freight was nearly 100 million tonnes in the Russian Federation (Omsk-Barabinsk-Novosibirsk) and 150 million tonnes in China (Beijing-Tianjin), in both directions. There are 38 terminals along the route.

6. Section 1 of the Comprehensive Plan calls for the upgrading of infrastructure along the Polish, Belarusian, Russian and Chinese sections of the route to accommodate speeds up to 160 km/h, the construction of second tracks in the Russian Federation, Mongolia and China, and the construction of third tracks at bottlenecks in the Russian Federation (Tyumen-Voinovka, Novosibirsk-Chulymskaya, Moskva (Voskresensk)-Ryazan). Bridge crossings will be built and station arrival and departure tracks will be lengthened to accommodate heavy-tonnage trains. Port-approach stations will be developed and built, routes electrified, automatic blocking systems introduced and the dispatching system for the corridor's sections will be fitted with interlocking controls.

7. Section 2 addresses containerization; section 3, information technology; section 4, improvements in the operation of border crossings; section 5, tarification issues; section 6, cargo safety/integrity and insurance; and section 7, joint activities to expedite carriage and make the corridor more competitive.

8. The section on the technical and operational specifications for the infrastructure of OSJD Corridor No. 1 indicates the equipment status of the corridor's sections and projects the volume of freight that should be carried when the Comprehensive Plan is completed in 2010.

9. For example, on certain sections of the Russian and Chinese railways, projected freight volumes will be 142 and 194 million tonnes respectively in 2010.

Future railway infrastructure developments

Section (station)	Period	Action
Corridor No. 1: Kunowice-Warszawa-Brest-Minsk-Moskva-Nizhny Novgorod-Kotelnich-Perm-Sverdlovsk-Omsk-Novosibirsk-Krasnoyarsk-Irkutsk-Zaudinsky-Karymskaya-Volochaevka - Nakhodka/Vanino/Khasan.		
Poland		
Malaszewicze Warszawa-Brest	2009-2010* by 2008	Development of the border crossing Infrastructure upgrading

Section (station)	Period	Action
Belarus		
Brest-Minsk	2005-2006	Construction of an optical fibre link
Brest-Osinovka	2005-2010	Measures to increase train speeds to 160 km/h
Russian Federation		
All sections	2006-2008	Measures to accommodate freight trains of 6,000-6,300 tonnes, 71 wagons long
Tyumen-Voinovka	2006-2010	Construction of third tracks
Novosibirsk-Chulymskaya	2006-2010	Construction of third tracks
Karymskaya-Chita	2006-2010	Construction of a bypass around Chita junction
Khabarovsk-Volochaevka	2006-2010	Construction of a second bridge crossing over the Amur River
Mylki-Volochaevka II	2006	Opening of passing loop No. 18
Komsomolsk marshalling yard-Vanino	2006-2010	Construction of a bypass around the Kuznetsovsky pass. Construction of second tracks (17.2 km), construction and renovation of passing loops
Vladivostok	2007-2009	Development and modernization of stations serving the port of Vladivostok
Nakhodka	2006	Development and modernization of stations serving the port of Nakhodka
Komsomolsk marshalling yard-Vanino	2009-2010	Lengthening of tracks at Toki station

Section (station)	Period	Action
Branch 1a: Riga/Ventspils/Liepaja-Krustpils-Zilupe-Posin-Moskva		
Latvia		
Riga-Krustpils	2007-2009	Construction of second tracks (54 km)
Tukums-Jelgava	2008-2009	Construction of passing loops at bottlenecks
Krustpils-Rēzekne	2007	Construction of passing loops at bottlenecks
Jelgava-Ventspils	2006-2007	Equip sections with automatic blocking systems
Krustpils-Rēzekne	2008-2010	Equip segments with automatic blocking systems
Rēzekne II	2006	Construction of a receiving yard (with electric interlocking)
All sections	2006-2010*	Track renovation
Russian Federation		
Volokolamsk-Shakhovskaya	2010	Opening of the Bukholovo passing loop
Branch 1b: Sankt-Peterburg/Tapa-Vologda-Kotelnich		
Russian Federation		
All sections	2006-2008	Measures to accommodate freight trains of 6,000-6,300 tonnes, 71 wagons long
Luzhskaya	2006-2010*	Construction of a new port approach station
Sankt-Peterburg	2006-2010*	Development of Sankt-Peterburg junction
Gatchina-Veimarn-Ivangorod	2006-2010*	Comprehensive upgrade
Vologda junction	2006-2010	Upgrade
Paprikha-Bui	2006-2010	Construction of second tracks
Estonia		
Narva station	2006	Completion of renovation
Junction stations	2006-2010	Lengthening of arrival-departure lines to 1,500 metres. Preparation for reception of freight trains of up to 8,000 tonnes

Section (station)	Period	Action
Branch 1c: Moskva-Ryazan-Syzran-Orenburg-Aktyubinsk-Kandagach-Arys-Tashkent		
Russian Federation		
All sections	2006-2008	Measures to accommodate freight trains of 6,000-6,300 tonnes, 71 wagons long
Moskva (Voskresensk)-Ryazan	2006-2010*	Construction of third tracks (90.5 km)
Kazakhstan		
Zhaisan-Turkestan	2006-2010	Line to be equipped with interlocking controls (1,419 km)
Uzbekistan		
Keles station	2007-2010	Refurbishment of Keles border crossing
Keles-Tashkent	2007-2010	Reconditioning and upgrade of the track. Construction of an optical fibre link
Branch 1d: Karymskaya-Harbin-Tumangan		
Russian Federation		
Karymskaya-Zabaikalsk	2006-2010*	Reconditioning of the line. Measures to accommodate cargo trains of 6,000-6,300 tonnes, 71 wagons long
Zabaikalsk	2009-2010	Construction of a second track on the Zabaikalsk-border section
China		
Manzhouli	2006-2009	Development of a border crossing
Manzhouli-Boketu	2006-2009	Construction of second tracks
Branch 1e: Harbin-Shenyang-Dalian		
China		
Harbin-Shenyang-Dalian	2006-2008	Construction of a high-speed passenger line, assignment of passenger and freight trains to dedicated lines

Section (station)	Period	Action
Branch 1f: Zaudinsky-Ulaanbaatar-Erlian-Beijing-Tianjin		
Russian Federation		
Naushki	2006	Development of the border crossing
Mongolia		
Sukhe-Bator and Dzamyn-Ude	2006-2010	Development of border crossings
Sukhe-Bator-Ulaanbaatar-Bagakhangai	2010*	Construction of second tracks
Sukhe-Bator-Ulaanbaatar	2010*	Electrification
Sukhe-Bator-Dzamyn-Ude	2006-2010	Track upgrade to accommodate speeds up to 100 km/h
Sukhe-Bator-Dzamyn-Ude	2006-2010	Equip sections with automatic blocking systems
Border-Sukhe-Bator-Dzamyn-Ude-border	2008-2010*	Upgrade of the line
China		
Jining-Zhangjiakou	2006-2009	Upgrade of double-track sections
Branch 1g: Kaliningrad-Pagėgiai-Radviliškis-Daugavpils-Rēzekne		
Russian Federation		
Kaliningrad marshalling yard	2007-2008	Upgrade of the station
Sovetsk	2006	Reorganization of the station's rack layout
Lithuania		
Border-Obeliai-Radviliškis-Pagėgiai-border	2008-2010*	Upgrading of telecommunications and signals system
Branch 1h: Riga/Ventspils-Krustpils-Daugavpils-Vitebsk-Smolensk		
Latvia		
Riga/Ventspils-Krustpils	See branch 1a	
Daugavpils	2006-2010	Development and renovation of the station
All sections	2006-2010*	Upgrade of the tracks

Section (station)	Period	Action
Belarus		
Bigosovo-Polotsk	2005-2010	Construction of double-track sections
Bigosovo-Polotsk-Vitebsk	2005-2010	Introduction of a microprocessor-based interlocking dispatch system

* Measures planned for 2010 and later.

10. Comprehensive Plans for five more corridors will be submitted for the approval of the OSJD Ministerial Meeting in 2007.

11. At the same time, we should like to point out that the technical and operational parameters for the infrastructure of the corridors include general technical specifications. The detailed technical specifications for OSJD Corridor No. 3, which passes through Poland, Ukraine and the Russian Federation, have been drawn up separately.
