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*UN Development Account Capacity Building Project
on Interregional Transport Linkages*

4th Expert Group Meeting on Developing Euro-Asian Transport Linkages

(21 – 24 November, 2006 Thessaloniki, Greece)

Document 1. Review of the Euro-Asian Transport Linkages

*For discussion under Agenda Item 2 Review of the Work Done on Developing a
Euro-Asian Transport Network*

Introduction

The 3rd Expert Group Meeting, held in Istanbul, Turkey (27 – 29 June, 2005) adopted a set of Euro-Asian Transport routes for i) rail; ii) road; iii) inland water transport; and iv) inland river ports along the selected inland water routes, as the basis for further cooperation and development. The secretariat, in close cooperation with the GIS consultant, carefully reviewed the routes and identified those sections, which require further clarification by countries. The secretariat also took the proposals received from countries since the 3rd EGM and considered them in the context of the existing routes.

The current document presents the results of the secretariat's review and proposed changes to the rail, road and Inland Water Transport routes respectively, for the consideration of the 4th Expert Group Meeting. The itineraries of these routes, as adopted at the 3rd EGM, and the proposed amendments, are reproduced in Annex I of this document.

Part I. Proposed Amendments to Rail Routes

- 1.g. Nikeltay – Kandagach – Makat – Oasis (- Aktau port):** in order to provide access from Caucasus via the Caspian Sea to far eastern Russian ports, propose moving to Route Group 6 as branch 6.d. and replacing with: Aktau (port) – Beyneu - Makat - Kandagach – Nikeltay – Chelyabinsk

- 2. Brest – Minsk – Moscow – Yekaterinburg – Kurgan – Astana – Drujba – Urumqi – Lianyungang (Port) / Shanghai (Port):** remove reference to E50.

3.f. Dushanbe – Termez – Bukhara: add Turkmenistan between Termez- Bukhara, i.e. Dushanbe – Termez – Turkmenistan- Bukhara; add reference E695 for Termez – Bukhara

3.g. Mersin (Port) / Iskenderun (Port) – Malatya – Dogukapi – Gyumri – Sadakhlo – Tbilisi: add reference E70.

3.p. Gavar – Meghri – Nourdouz – Jolfa (Gavar – Meghri – Nourdouz section under construction): The secretariat seeks clarification by the representative of Armenia on the route proposed under 3.p., in particular the location of Gavar as well as the itinerary of the route under construction. The representative of Iran is also invited to clarify the status of the section located within its territory, i.e. between Nourdouz and Jolfa. Possible formulation would be to extend 3.b. to read: Tbilisi – Sadakhlo – Gyuri – Yerevan - ... Gavar – Meghri – Nourdouz – Jolfa (Yerevan - ... - Gavar – Meghri – Nourdouz – Jolfa under study)

4.b. Samsun (Port) – Kalin – Sivas _ Bostankaya: add Ilyichevsk (Port) before Samsun (Port) (*rail ferry planned*) i.e. Ilyichevsk (Port)- Samsun (Port) - Kalin – Sivas _ Bostankaya

4.c. Tehran – Qom – Meybod – Yazd – Bafgh – Kerman – Zahedan – Mirjaveh - Koh-i-Taftan (Pakistan): add (Kerman – Zahedan under construction).

New proposals:

- a. New branch 4.g. Ilychevsk (Port) – Derince (Port) - Izmit
- b. New branch 4.h. Constanta (Port) – Derince (Port) – Izmit
- c. New branch 4.i. Constanta (Port) – Samsun (Port) (*rail ferry planned*)

Part II. Proposed Amendments to Road Routes (existing routes shown in bold)

1.d. Semipalatinsk – Novossibirsk: At the 3rd EGM, the representative of the Russian Federation stated that she would consult the relevant authorities in her country on their agreement to this proposal. The secretariat invites the representative to report on their response.

2. c. Samara – Uralsk – Aktobe – Dossor – Makat: propose extending both ends to become: Moscow – Samara – Uralsk – Aktobe – Dossor – Makat – Beyneu – Nukus –

Navoi – Tashkent – Almaty, to provide access from Central Asia to Route Group 2. (add AH6).

3.d. Mostiska/Chip – Uzhgorod...Mineralijnie Vodi – Vladikavkaz – (Tbilisi) – Makhachkala (Port) – Aktau (Port) – Beyneu: The representative of Georgia proposed to link Road Route Group 3 to Tbilisi through a branch from Vladikavkaz. The Georgian section is part of Asian Highway 81. The representative of the Russian Federation is invited to confirm the acceptance of this proposal for the section from Vladikavkaz to the border with Georgia.

3.e. Rostov-na-Donu – Krasnodar – Novorossiysk (Port) – Kafkas (Port) – Samsun (Port) / Poti/Batumi (Port) / Burgas (Port) and 3.f. Sofia – Popvica – Stara Zagora – Burgas (Port) – Kafkas (Port) – Novorossysk (Port) – Poti/Batumi (Port): In order to clarify the road/ferry links across the Black Sea, the secretariat seeks further information from countries concerned on the existence ferry links between Kafkas/Novorossiysk and Samsun/Poti/Batumi/Burgas.. In particular, the secretariat seeks clarification on whether in 3.e. Novorossysk is en-route (by road) to Kafkas, or is connected by ferry directly to Samsun/Poti/Batumi/Burgas.

4.i. Brest – territory of Belarus – border with Ukraine – territory of Ukraine – border with Moldova – Chisinau – Odessa (Port) / Ilyichevsk (Port) – Poti (Port)/Batumi (Port): The secretariat invites the countries concerned to provide more detail to the itinerary of this branch.

4.j. Batumi (Port) – Hopa – Kars – Gyumri – Yerevan: At the 3rd EGM, the representative of Turkey noted that she would consult the relevant authorities in her country on their agreement to this proposal. The secretariat invites the representative to report on the outcome.

6.h. Beineu – Aktau (Port) – Turkmenbashi (Port) and 6.g. Tegen – Sarahs – Sarakhs – Mashhad – Birjand – Nehbandan – Dashtak – Zahean – Chabahar (Port): propose extending 6.h. and combining with 6.g. to be Astrakhan – Atyrau – Makat – Beineu – Aktau (Port) – Turkmenbashi (Port) – Ashgabat – Tegen – Saras – Sarakhs – Mashhad – Birjand – Nehbandan – Dastak – Zahedan – Chabahar (Port) (E4, E121, E60; AH70, AH5, AH75).

New proposals:

a. New branch 4.m. Odessa (Port) / Ilyichevsk (Port) - Samsun (port) / Trabzon

- b. New branch 4.n. Samsun (Port) / Trabzon (Port) — Poti/Batumi (Port)
- c. New branch 5.j. Ilyichevsk (Port) – Derince (Port)

Part III. Proposed Amendments to Inland Water Transport Routes and River Ports

In the context of the EATL routes, the Inland Transport Water linkages and their river ports adopted at the 3rd EGM should be viewed as part of a larger transport system involving the EATL rail and road routes. It is not clear whether all of the inland river ports nominated at the 3rd EGM are important in the context of the Euro-Asian Transport Linkages.

Countries are therefore requested to review the inland river ports listed contained in Annex III. and confirm the inclusion of their ports. Furthermore, the secretariat invites countries to provide additional information on the following:

- a. At the 3rd EGM, the representative of the Russian Federation stated that the list of river ports to be included from her country would be confirmed by the relevant authorities. As no response was received, the secretariat identified a number of major inland river ports from the European Agreement on Main Inland Waterways of International Importance (AGN) (1996). The secretariat invites the Russian Federation to confirm the inclusion of these ports.
- b. Tajikistan nominated Nizhniy Panj river port (on the border with the Islamic Republic of Afghanistan) as an inland river port. However, the inland water route on which this port is located is not included as one of the EATL inland water transport routes. The secretariat therefore seeks clarification from Tajikistan on whether it would like to include this port, and if so, whether the river it serves should be included as an IWT of international importance in the context of the Euro-Asian Transport Linkages.
- c. The Irtysh and Ob rivers, which traverse the territories of the Russian Federation and Kazakhstan, are currently not part of the AGN. The secretariat would like to seek clarification as to whether these rivers should be included as an IWT of international importance in the context of the Euro-Asian Transport Linkages, as well as whether the countries concerned are planning to undertake necessary actions in order these IWT routes become part of the AGN.

**Annex I. Rail, Road and Inland Water Transport Routes and Inland River Ports
adopted by the 3rd EGM (June 2005) and with proposed amendments (shown in bold)**

RAIL ROUTES

		Comment	AGC	TAR¹
1.	<u>Brest</u> - Minsk - Moscow – Nizhniy Novgorod – Perm - Yekaterinburg - Omsk - Novosibirsk - Ulan Ude - Karimskaya – Vladivostock (Port)/Vostochny (Port)	PETC 2; OSJD 1	E20	Y
1.a.	<u>Buslovskaya</u> – St. Petersburg (Port) –Moscow - Yekaterinburg	PETC 9; OSJD 16	E10, E20	Y
1.b.	<u>Mostiska/ Chop</u> - Lvov – Moscow	PETC 5, 9; OSJD3	E30, E95	Y
1.c.	Tavshet – Irkutsk – Ulan Ude – Naushki – <u>Border with Mongolia</u>		NA	Y
1.d.	Karimskaya – Zabaykalsk – <u>Border with China</u>		NA	Y
1.e.	Kaliningrad – (<i>Lithuania</i>) – Minsk		NA	NA
1.f.	Novosibirsk – Lokot – Aktogai		NA	Y
1.g.	Nikeltay – Kandagach – Makat – Oasis – Aktau port -(Move to Group 6)	TRACECA A	E-30, E-50, E597	
2.	<u>Brest</u> - Minsk - Moscow - Yekaterinburg – Kurgan - Astana - Drujba - <i>Urumqi - Lianyungang (Port)/Shanghai (Port)</i>	PETC 2; OSJD 1	E20, E24, E-50	Y
2.a.	<u>Buslovskaya</u> – St. Petersburg (Port) –Moscow - Yekaterinburg	PETC 9; OSJD 16	E10, E20	Y
2.b.	Kaliningrad – (<i>Lithuania</i>) – Minsk		NA	NA
2.c.	Ekaterinburg – Chelyabinsk – Taranovskaya – Zaayatskaya – Tobol – Astana		NA	Y
3.	<u>Curtici</u> – Arad – Bucharest – Constanta (Port) – Poti/Batumi (Port) – Tbilisi – Baku (Port) – Aktau	PETC 4, TRACECA	E54, E562, E60,	Y

	(Port) – Beineu – Nukus – Uchkuduk – Navoi – Tashkent – Shymkent – Almaty – Dostyk – <i>Alataw Shankou – Lianyungang (Port)/Shanghai (Port)</i>	; OSJD 6a, 8, 10, 2, 5	E50	
3.a.	Baku (Port) – Turkmenbashi (Port) – Ashgabat – Chardzhou – Bukhara – Navoi	TRACECA ; OSJD 10	E60	Y
3.b.	Tbilisi – Sadakhlo – Gyumri - Yerevan - ... <u>Gavar – Meghri – Nourdouz – Jolfa (Yerevan - ... - Gavar – Meghri – Nourdouz – Jolfa under study) (section between Yerevan and Gavar to be defined)</u>	TRACECA	E692	Y
3.c.	Balychi - Bishkek – Lugovaya	TRACECA	NA	Y
3.d.	Tashkent – Kanibadam – Andizhan - Jalalabad – Turugart – <i>Kashi – Urumqi</i> (Jalalabad – Turugart – Kashi section under construction)	TRACECA	E696	Y
3.f.	Dushanbe – Termez – <i>[Turkmenistan]</i> - Bukhara	TRACECA	NA -E695	Y
3.g.	Mersin (Port) / Iskenderun (Port) – Malatya – Dogukapi – Gyumri – Sadakhlo – Tbilisi	TRACECA	E70, E692,E97	Y
3.h.	<u>Ungeni</u> - Chisinau – Bendery - Kuchurgan – Rozdil’na – Odessa (Port) / Ilyichevsk (Port) – Poti/Batumi (Port)	TRACECA ; OSJD 5a, 7	E95	NA
3.i.	Border with FYROM - Sofia – Pleven – Varna (Port) – Poti/Batumi (Port)	PETC 8	E680	NA
3.j.	Curtici – Arad – Timisoara – Craiova – Bucharest – Giurgiu – Russe – Kaspichan – Varna (Port) – Poti/Batumi (Port)	PETC 10, 8	E66, E56, E95, E660,E680	NA
3.k.	Dragoman – Sofia – Gorna – Burgas (Port) – Poti/Batumi (Port)		E70, E720	NA
3.l.	Ungeheni – Iasi – Bucharest – Giurgiu		E95	NA
3.m.	Bukhara – Karshi – <i>[Turkmenistan]</i> - Termez – Kurgan- T’ube – Kul’ab	TRACECA	E695	Y
3.n.	Kars – Akhalkalaki - Tbilisi (Kars – Akhalkalaki section under construction)		E692	Y
3.o.	Tashkent – Angren – Pap – Andijan (Angren – Pap section under construction)		E696	Y
3.p.	Gavar – Meghri – Nourdouz – Jolfa (Gavar – Meghri – Nourdouz section under construction) -(moved to become extension of 3.b.)		NA	
4.	Dragoman - Sofia – Svilengrad – Kapikule – Istanbul –	PETC 4,	E70, E60,	Y

	Haydarpasa (Port) – Izmit – (Derince Port) - Ankara – Malatya - Kapikoye – Razi – Qazvin - Tehran – Sarakhs – Sarahs - Mary – Chardzou – Navoi – Tashkent – Shymkent – Almaty - Dostyk – <i>Alataw Shankou – Lianyungang (Port)/Shanghai (Port)</i>	8,10; OSJD 6, 10, 2, 5; TRACECA	E50	
4.a.	Mersin (Port) / Iskenderun (Port) – Malatya		E97	Y
4.b.	Ilyichevsk (Port) - Samsun (Port) – Kalin – Sivas – Bostankaya (rail ferry planned between Ilyichevsk and Samsun)	TRACECA	E97, E70	Y
4.c.	Tehran – Qom – Meybod – Yazd – Bafgh – Kerman – Zahedan – Mirjaveh – <i>Koh-i-Taftan (Border with Pakistan)</i> (Kerman – Zahedan under construction).		NA	Y
4.d.	Izmir (Port) – Balikesir – Eskisehir		E74	Y
4.e.	Izmir (Port) – Usak – Afyon – Yenice – Mersin (Port)/ Iskenderun (Port)		E97	N
4.f.	Pehlivankoy – Uzun-kopru – <i>Border with Greece</i>		NA	NA
4.g.	Ilychevsk (Port) – Derince (Port) - Izmit			NA
4.h.	Constanta (Port) – Derince (Port) – Izmit			NA
4.i.	Constanta (Port) – Samsun (Port) (rail ferry planned)			NA
5.	<u>Buslovskaya</u> - St. Petersburg (Port) – Volgograd – Astrakhan (Port) – Alya (Port) - Anzali (Port) – Rasht – Qazvin - Tehran – Qom – Meybod – Bafgh – Bandar Abbas (Port) (Anzali - Rasht – Qazvin section under construction)	PETC 9; OSJD 11	E10, E99, E50	Y
5.a.	Astrakhan (Port) – Alya (Port) – Amirabad (Port) – Garmsar – Tehran		NA	Y
5.b.	Astrakhan (Port) – Samur – Yalama - Baku – Astara (Azerbaijan) – Astara (Iran) – Rasht (Astara – Astara – Rasht section under study)	OSJD 11	E60, E694	Y
5.c.	Astrakhan (Port) – Askarayskaya – Ganyuchikino – Makat – Beineu – Nukus – Uchkuduk – Bukhara – Chardzhou – Sarahs - Sarakhs – Mashhad – Bafgh	TRACECA	E50, E597	Y
5.d.	Alya (Port) – Aktau (Port) – Beineu		E597	Y
5.e.	Tehran – Qom – Arak – Ahvaz - Bandar Emam (Port)		NA	Y
5.f.	Tehran – Kashan – Badrud - Esfahan – Shiraz – Bushehr (Port) (Esfahan – Shiraz – Bushehr planned)		NA	Y

5.g.	Bafgh – Kerman – Fahraj – Chabahar (Port) (Fahraj – Chabahar planned)		NA	Y
5.h.	Murmansk (Port) – St. Petersburg		NA	N
6.	<u>Mostiska/ Chop/Yagudin</u> - Lvov – Kiev – Kharkov – Liski – Samara – Ufa – Kurgan – Omsk - Novosibirsk - Ulan Ude - Karimskaya – Vladivostock (Port)/Vostochny (Port)	PETC 3, 5	E30, E24	Y
6.a.	Chisinau – Tighina – Rozdil’na – Zhmerynka	PETC 9	E95,	NA
6.b.	Tavshet – Irkutsk – Ulan Ude – Naushki – <u>Border with Mongolia</u>		E20	Y
6.c.	Karimskaya – Zabaykalsk – <u>Border with China</u>		NA	Y
6.d.	New branch: <u>Aktau (port) – Beyneu - Makat - Kandagach – Nikeltay – Chelyabinsk (moved from group 1)</u>	TRACEC A	E30, E50, E597	T
7.	<u>Mostiska/ Chop</u> - Lvov – Zhmerynka – Fastov – Donietsk – Likhaya – Volgograd – Aksarayskaya – Makat – Beineu – Nukus – Uchkuduk – Navoi – Tashkent – Shymkent – Almaty – Dostyk – <i>Alataw Shankou – Lianyungang (Port)/Shanghai (Port)</i>	PETC 3, 5 ; TRACECA	E30, E50, E593, E597	Y
8.	<u>Mostiska/ Chop</u> - Lvov – Fastov – Krasnoarmelsk – Kvashino – Uspenskaya – Rostav-na-Donu – Veseloe – Gandtiadi – Senaki – Tbilisi – Alyat – Astara (Azerbaijan) – Astara (Iran) (Astara – Astara section under construction)	PETC 3, 5; TRACECA	E30, E50, E593, E99, E60	Y
8.a.	Tbilisi – Gyumri – Yerevan	TRACECA	E694	Y
8.b.	Kaliningrad (Port) – (<i>Lithuania</i>) – Minsk – Gornosaivka – Nizhyn – Kiev		E95	NA
8.c.	Kafkas (Port) – Novorossysk (Port) – Krasnodar		E99	Y
8.d.	Varna (Port) - Novorossysk (Port) – Poti/Batumi (Port)		NA	N
9.	Buslovskaya – Moscow – Ryazan – Orenburg – Aktyubinsk – Kandagach – Aris – Tashkent – Bukhara – Karshi – Tashguzar – Baysun – Kumchurgan – Termez – Galaba – Hairatan (border of Afghanistan) (Tashguzar – Baysun – Kumchurgan section under	TRACECA	E10, E24, E30, E50, E695	Y

	construction)			
9.a.	Ryazan - Aksarayskaya – Makat – Karakalpakiya – Uchkuduck – Navoi – Bukhara	TRACECA	E50, E597	Y
9.b.	Rostov-na-Donu – Volgograd – Baskunchak - Aksarayskaya		E99, E50	Y
9.c.	Bukhara – Karshi – Tashguzar – Baysun - Kumchurgan – Sariacia – Dushanbe – Vaghdad (Tashguzar – Baysun – Kumchurgan section under construction)		E695	Y

Notes :

1. **The Intergovernmental Agreement on the Trans-Asian Railway was adopted in 2005 and signed by 18 countries in 2006. It is now open for signature and accession by ESCAP member countries. This column indicates where all or part of the section is part of the TAR Agreement.**
2. Italicized sections are located in countries who have not yet formally agreed to the proposals.
3. Spelling of station names will be checked against those included in international agreements.
4. Numbering is indicative only.

ROAD ROUTES

		AGR	AH
1.	<u>Torfyanovka</u> - St. Petersburg (Port)– Moscow – Nizhniy Novgorod – Ekaterinburg – Omsk – Novosibirsk – Krasnoyarsk – Irkutsk – Ulan Ude – Chita – Belogorsk – Khabarovsk – Ussuriysk - Vladivostock (Port)/Vostochny (Port)/Nahodka (Port)	E105, E22	AH8 AH6 AH30
1.a.	<u>Brest</u> – Minsk – Moscow	E85,E30	AH6
1.b.	<u>Mostiska/Chop</u> – Lvov – Kiev – Moscow	E40, E101	NA
1.c.	Moscow – Yaroslavl – Vologda – Archangelsk (Port)	E115	NA
1.d.	Semipalatinsk – Novossibirsk (see Notes 1.)	NA	NA
2.	<u>Brest</u> – Minsk - Moscow – Nizhniy Novgorod – Ufa - Chelyabinsk – Kurgan – Petropavlovsk – Astana – Almaty – Khorgos – Jinghe – Urumqi – Xi’an – Lianyungang (Port) / Shanghai (Port)	E85, E30, E125	AH6, AH64, AH7 AH60
2.a.	<u>Torfyanovka</u> – St. Petersburg – Moscow	E18, E105	AH8
2.b.	Petropavlovsk – Omsk – Pavlodar – Semipalatinsk – Georgievka – Taskesken – Ucharal – Dostyk – Alatawshankou – Kuitun – Urumqi	E127	AH60, AH68, AH 5
2.c.	Moscow - Samara – Uralsk – Aktobe – Dossor – Makat – Beyneu – Nukus – Navoi – Tashkent – Almaty	E121, E38	AH 60, AH63, AH61
2.d.	Chelyabinsk – Kaerak – Kostani – Astana	E123, E016	AH7
2.e.	Archangelsk – Perm – Yekaterinburg – Kurgan – Petropavlovsk	NA	NA
3.	<u>Mostiska</u> - Lvov – Kiev – Guktov – Kursk – Saratov – Ozinki - Uralsk – Aktyubinsk – Karabutsk – Aralsk – Kyzylorda – Shymkent – Almaty – Khorgos – Jinghe – Urumqi – Xi’an – Lianyungang (Port) / Shanghai (Port)	E40, E95, E101, E38	AH61
3.a.	<u>Chop</u> – Uzhgorod – Mukacevo – Stryei – Lvov – Kiev – Kharkov – Kamensk – Shahtinskiy – Volgograd – Astrakhan – Atyrau – Beyneu – Nukus – Bukhara – Navoi - Samarkand – Tashkent – Shymkent	E40	AH70, AH8, AH63, AH5
3.b.	<u>Yagodyn</u> – Kovel – Sarny – Kiev	E373	NA
3.c.	Kaliningrad (Port) - Tolpaki – Nesterov – (Lithuania) - Minsk – Gomel – Kiev	E28, E271, E95	NA

3.d.	<u>Mostiska/Chop</u> – Uzhgorod – Mukacevo – Stryei – Ternopol – Khmelnytsky – Vinnitsa – Uman – Kirovograd – Dnepropetrovsk – Donetsk – Rostov-na-Donu – Armavir – Mineralnyye Vody – Vladikavkaz – (Tbilisi) - Makhachkala (Port) – Aktau (Port) – Beyneu	E50 E121	AH70
3.e.	Rostov-na-Donu – Krasnodar – Novorossiysk (Port) – Kafkas (Port) – Samsun (Port) / Poti/Batumi (Port) / Burgas (Port)	E115, E97	NA
3.f.	Sofia – Popvica – Stara Zagora – Burgas (Port) – Kafkas (Port) – Novorossiysk (Port) – Poti/Batumi (Port)	E773	NA
4.	<u>Nadlag</u> - Arad – Bucharest – Constanta (Port) – Poti/Batumi (Port) – Tbilisi - Alat – Baku (Port) – Aktau (Port) – Beyneu – Nukus – Bukhara – Tashkent – Shymkent – Bishkek – Almaty – Sary-Ozek – Khorgos – Urumqi – Xi'an – Lianyungang (Port) / Shanghai (Port)	E68, E60, E121, E40, E60	AH5, AH70, AH63, AH62
4.a.	Tbilisi – Sadakho – Yerevan – Eraskh – Goris – Kapan – Megri – (Agarak) – Nourdouz – Jolfa – Eyvoghli	E117	AH82
4.b.	Ruse – Giurgiu – Bucharest – Urziceni – Marasesti – Albita – Leucheni – Chisinau – Odessa (Port) – Poti/Batumi (Port)	E85, E581, E58	NA
4.c.	Kiev – Odessa (Port) / Ilyichevsk (Port) – Poti/Batumi (Port)	E95	NA
4.d.	Sofia – Pleven – Ruse – Varna (Port) – Poti/Batumi (Port)	E79, E83, E85, E70	NA
4.e.	Merzifon – Samsun (Port of Samsun) – Trabzon (Port of Trabzon) - Sarp (Turkey) – Sarpi (Georgia) – Batumi (Port) – Poti (Port)	E95, E70	AH5
4.f.	Baku (Port) - Turkmenbashi (Port) – Ashgabat – Mary – Bukhara	E60	AH5
4.g.	Bishkek – Naryn – Torugart – Kashi	E125	AH61
4.h.	Shymkent – Merket – Almaty	NA	AH5
4.i.	Brest – territory of Belarus - border with Ukraine – territory of Ukraine – border with Moldova – Chisinau – Odessa (Port) / Ilyichevsk (Port) – Poti (Port) / Batumi (Port)	E30, E85	NA
4.j.	Batumi (Port) – Hopa – Kars – Gyumri – Yerevan (see Notes 2.)	E70	AH5
4.k.	Giurgiulesti (river port) – Chisinau	E584	NA
4.l.	Gyumri – Erzurum (see Notes 3.)	E691	NA
4.m.	Odessa (Port) / Ilyichevsk (Port) - Samsun (port) / Trabzon (ferry link)	NA	NA

4.n.	Samsun (Port) / Trabzon (Port) — Poti/Batumi (Port) <i>(ferry link)</i>	NA	NA
5.	<u>Border with Serbia Montenegro/FYR of Macedonia</u> - Sofia – Kapikule – Istanbul – (Haydarpasa Port) - Izmit (Derince Port) – Merzifon – Refahiye - Gurbulak – Bazargan – Eyvoghli - Tabriz - Qazvin – Tehran – Semnan – Damghan – Sabzevar – Mashhad – Dogharoun – Islam Qala – Herat – Mazar-i-Sharif – Termez – Guzar – Samarkand – Tashkent – Andizhan – Osh – Sary-Tash – Irkeshtam – Kashi – Urumqi – Xi’an – Lianyungang (Port)/ Shanghai (Port)	E80	AH1, AH5, AH85, AH77
5.a.	Tehran - (Saveh – Salafchegan) - Qom – Yazd – Anar – Kerman – Zahedan – Mirjaveh - <i>Border of Pakistan</i>	NA	AH 2
5.b.	<u>Nadlag</u> – Arad – Timisoara – Lugoj - Carasebes – Dr.-Turnu – Severin – Craiova – Calafat – Vidin – Botevgrad – Sofia	E70, E79	NA
5.c.	Border of Greece – Kesan – Silivri	E90, E84	NA
5.d.	Kiev – Uman - Odessa (Port) / Ilyichevsk (Port) – Samsun (Port) - Merzifon	E95	AH5
5.e.	Mashhad – Sarakhs – Tejen	NA	AH75
5.f.	Mazar-i-Sharif – Polekhumri – Kabul – border with Pakistan	NA	AH76, AH7, AH1
5.g.	Mazar-i-Sharif – Polekhumri – Nizhniy Panj – Dushanbe – Sary-Tash	E123, E60	AH76, AH7, AH65
5.h.	Termez – Dushanbe – Vakhdad – Kulob – Khorugh – Murgab – Kashi	E60, E009, E008	AH65, AH66, AH4
5.i.	Constanta (Port) – Haydarpasa (Port) <i>(ferry link)</i>	NA	NA
5.j.	Ilyichevsk (Port) – Derince (Port) <i>(ferry link)</i>	NA	NA
6.	<u>Torfyarovka</u> - St. Petersburg – Moscow – Volgograd – Astrakhan/Alya (Port) – Anzali (Port) – Qazvin - Tehran – Bandar Abbas (Port)	E105, E119, E40	AH8, AH1, AH2, AH70
6.a.	Astrakhan (Port) – Alya (Port) – Samur – Yalama - Baku (Port) – Astara (Azerbaijan) – Astara (Iran) – Qazvin – Tehran	E119	AH8
6.b.	Astrakhan (Port) – Amirabad (Port) – Sari	NA	AH70
6.c.	Astrakhan (Port) – Alya (Port) – Aktau (Port) – Beineu	E121	AH 70
6.d.	Qazvin – Saveh – Ahvaz – Bandar Emam (Port)	NA	AH 8
6.e.	Tehran – Qom – Esfahan – Shiraz – Bushehr (Port)	NA	AH 72

6.f.	Eserdar – Guduroolum – Inche Boroun – Gorgan – Sari – Semnan – Damghan – Yazd – Anar – Bandar Abbas (Port)	E 121	AH 70
6.g.	Astrakhan – Atyrau (Port) – Makat – Beyneu – Aktau (Port) - Turkmenbashi (Port) – Ashgabat – Tegen – Saras – Sarakhs – Mashhad – Birjand – Nehbandan – Dastak – Zahedan – Chabahar (Port) (extension of 6.g. and combined with 6.h.)	NA-E40, E121, E60	AH70, AH5, AH75
6.h.	Beineu – Aktau (Port) – Turkmenbashi (Port) – (combined with 6.g. above)	E121	AH70
7.	Murmansk (Port) - Petrozavodsk – St. Petersburg (Port)– Pskov – Ostrov – Gomel – Kiev – Odessa (Port) / Ilyichevsk (Port)	E105, E95	NA

Notes:

1. The representative of the Russian Federation noted that she would consult the relevant authorities in her country on their agreement to this proposal and inform the secretariat accordingly.
2. The representative of Turkey noted that she would consult the relevant authorities in her country on their agreement to this proposal and inform the secretariat accordingly.
3. The representative of Turkey expressed the reservation that this section is not operational as long as the Turkish-Armenian border remains closed.
4. Italicized sections are located in countries who have not yet formally agreed to the proposals.
5. Spelling of towns/cities will be checked against those included in international agreements.
6. Numbering is indicative only.

INLAND WATER TRANSPORT LINKAGES

	Country	From – To	E- Number or other int'l ref. No.
1	Bulgaria	Danube Km 610 - Km 374	Corridor VII, E-80
2	Kazakhstan	Sr.Trekinskiy Yar – Peshnoi island – entering buoy of Uralo-Caspian channel (the Ural river)	
3	Kazakhstan	Irtysch river - Ob river (in Russian Federation)	
4	Moldova	Prut river from the mouth to Ungheni (0 - 559 km)	E 80-07
5	Moldova	a. Nistru river from the port Belgorod-Dnestrovsky (Ukraine) to Bender (0 - 356 km)	E 90-03
6	Moldova	b. Nistru river from the port Belgorod-Dnestrovsky (Ukraine) to Bender (357 km - 667 km)	E 90-03
7	Romania	Danube km. 1.075 – km. 863	Corridor VII E-80
8	Romania	Danube km. 863 - km. 175	Corridor VII E-80
9	Romania	Danube km. 175 - Mm. 0	Corridor VII E-80
10	Romania	Danube – Black Sea Canal	E-80-14
11	Romania	Poarta Alba – Midia – Navodari Canal	E-80-14-01
12	Russian Federation	St Petersburg - Svir - Cherepovets - Rybinsk - Nizhniy Novgorod - Kazan - Samara - Saratov - Volgograd - Krasnoarmeysk - Astrakhan (port) - Caspian Sea (includes Volgo-Baltiyskiy Vodniyput)	North-South Waterway (NSW), E-50
12A	Russian Federation	(Rybinsk) - Moskva - Riazan – Nizkhniy Novgorod (includes Kanal im. Moskvi)	NSW, E-50-02
13	Russian Federation	Azov - Rostov-na-Donu - Oust-Donetsk - Krasnoarmeysk – Astrakhan (port) – Caspian Sea	NSW4, NSW, E-90
14	Russian Federation	Ob river (connect to Irtysch river in Kazakhstan)	
15	Turkey	Lake Van (Tatvan – Van)	
16	Ukraine	Route №9 Dniper river (on regulate condition)	E-40
17	Ukraine	River Danube, border between Ukraine/Moldova - cape Izmailskii Chatal	E – 80
18	Ukraine	Danube-Kilia Arm, cape Izmailskii Chatal -sea approach canal (Bistroe Arm Outlet)	E – 80 – 09

INLAND RIVER PORTS ALONG SELECTED IWT LINKAGES

No	Country	Name and Location
1	Bulgaria	Port Complex Rousse (P 80-56) Danube, km 489.300, km 496.050
2	Bulgaria	Rousse East
3	Bulgaria	Rousse West
4	Bulgaria	Port Complex Lom (P 80-53) Danube, km 742.300
5	Bulgaria	Port Vidin, Danube, from km 785 400 to 793 500
6	Kazakhstan	Atyrau River Port (Ural, km ...)
7	Kazakhstan	Pavlodar River Port (Ural, km ...)
8	Moldova	Bender (P 90-03-02) , Nistru, km 228.0
9	Moldova	Rîbnița, Prut, km ...
10	Moldova	Ungheni, Prut, km ...
11	Moldova	Giurgiulești (P 80-62) Danube, km 133.0
12	Romania	Sulina, Danube, km 0
13	Romania	Tulcea (P 80-64), Danube, km.71
14	Romania	Galati (P 80-61), Danube, km.150
15	Romania	Braila (P 80-60), Danube, km.170
16	Romania	Giurgiu (P 80-57),Danube, km.493
17	Romania	Calafat, Danube, km.795
18	Romania	Drobeta Turnu Severin (P 80-51),Danube, km 931
19	Romania	Orsova (P 80-50),Danube, km.954
20	Romania	Moldova Veche, Danube, km.1048
21	Russian Federation	St. Peterburg River Port (P 50-02) Neva, km 1 385
22	Russian Federation	Yaroslavl River Port (P 50-05) Volga, km 520
23	Russian Federation	Nizhni Novgorod River Port (P 50-06) Volga, km 907
24	Russian Federation	Kazan River Port (P 50-07) Volga, km 1313
25	Russian Federation	Samara River Port (P 50-09) Volga, km 1746
26	Russian Federation	Volgograd River Port (P 50-11) Volga, km 2560
27	Russian Federation	Ust-Donetsk River Port (P 90-05) Don, km 2997
28	Russian Federation	Rostov-na-Donu River Port (P 90-05) Don, km 3134
29	Russian Federation	Azov River Port (P 90-03) Don, km 3168
30	Russian Federation	Yeysk River Port (P 90-02) Don, Taganrog Bay of the Azov Sea
31	Tajikistan	Nizhniy Panj (Republic of Tajikistan) Waterway name, km...

		Sherkhan-Bandar, Waterway name, km... (Islamic Republic of Afghanistan)
32	Tajikistan	Nizhniy Panj (Republic of Tajikistan) - Sherkhan-Bandar (Islamic Republic of Afghanistan)
33	Turkey	Tatvan Port (rail ferry port on Lake Van)
34	Turkey	Van Port (rail ferry port on Lake Van)
35	Ukraine	Reni (P 80-63) Danube, 128 km Danube
36	Ukraine	Izmail (P 80-09-01), Danube-Kilia Arm, km 93
37	Ukraine	Kiliia (P 80-09-02), Danube-Kilia Arm, km, 48
38	Ukraine	Ust'-Dunaisk (P 80-09-03), Danube-Kilia Arm, km 1.0
39	Ukraine	Belhorod-Dnestrovskii (P 90-03-01), Dnestrovskii Liman, Black sea
40	Ukraine	Mykolaiv sea port (P 40-02-02), Bugskii Liman, Black sea
41	Ukraine	Kherson (P 40-12), Dniper, km 28
42	Ukraine	Odessa River Port, Black Sea
43	Ukraine	Cherkassy river port (P 40-06), Dniper, km 653
44	Ukraine	Kremenchuk river port (P 40-07), Dniper, km 541
45	Ukraine	Dneprodzerzhinsk river port (P 40-08), Dniper, km 429
46	Ukraine	Dnepetrovsk river port (P 40-09), Dniper, km 393
47	Ukraine	Zaporizhya river port Stock insurer company «Ukrrechflot» (P 40-10), Dniper, km 308
48	Ukraine	Nova Kakhovka river port (P 40-11), Dniper, km 96
49	Ukraine	Khersonskii river port, Stock insurer company «Ukrrechflot» Dniper, km ...
50	Ukraine	Mykolaiv river port, (P 40-02-01), Pivdenny Buh, km 40

Notes:

1. River ports in the Russian Federation will be confirmed by the relevant authorities in that country.
2. Numbering is for reference only.
3. Sections which are common to two countries will be indicated after confirmation from the relevant authorities.