

DEVELOPMENT OF END-TO-END DIGITAL SERVICES AND ELECTRONIC DOCUMENT FLOW ON THE ROUTES OF INTERNATIONAL TRANSPORT CORRIDORS IN THE CONDITIONS OF COVID-19

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MAIN EXPORT CORRIDORS OF THE RUSSIAN FEDERATION



S-N Direction: European part of Russia - Eastern, Central Europe and Scandinavia (sea)

Part of the Pan-European Transport Corridor No. 1: Kaliningrad - Riga, Gdansk - Sweden, Denmark

Part of the Pan-European Transport Corridor No. 2: Yekaterinburg - Nizhny Novgorod - Moscow - Smolensk - Brest, Minsk (Belarus) - EU

Part of the Pan-European Transport Corridor No. 9: Istanbul (Turkey) - Bryansk - Moscow - St. Petersburg - Vyborg - Helsinki (Finland)

TCM branch: Moscow - Kiev (railway, car)

TCM branch: Moscow - Moscow-Novorossiysk - Middle East, Africa, Asia, Europe, America (sea)

Direction S-N: European part of Russia - Sea of Azov - Vladikavkaz, Georgia (railway and car)

Direction S-N: European part of Russia - Caspian Sea - Iran (sea)

Branch of TSM: Moscow - Samara, Ufa, Chelyabinsk - Kazakhstan (railway)

TCM branch: Krasnoyarsk, Novosibirsk, Ulan-Ude - Mongolia, China (railway)

TCM branch: Krasnoyarsk, Khabarovsk - Vladivostok / Nakhodka - Grodekovo - Harbin (China); Posyet / Zarubino - Kraskino - Hunchun (China) (sea, railway, car)

Corridors passing through Russia:

- **North-South** - Countries of Eastern, Central Europe and Scandinavia - European part of Russia - Caspian Sea - Iran - India, Pakistan, etc.
- **Transsib** - Central Europe - Moscow - Yekaterinburg - Krasnoyarsk - Khabarovsk - Vladivostok / Nakhodka. Branch system: to St. Petersburg, Kiev, Novorossiysk, Kazakhstan, Mongolia, China and Korea. Interfacing with pan-European transport corridors № 2, 3, 9
- **Pan-European TC No. 1**
- **Pan-European TC No. 2**
- **Pan-European TC No. 9**
- **Foreign hubs**

— Primorye 1 — Primorye 2 — Pan-European TC No. 1
— Pan-European TC No. 2 — Pan-European TC No. 9

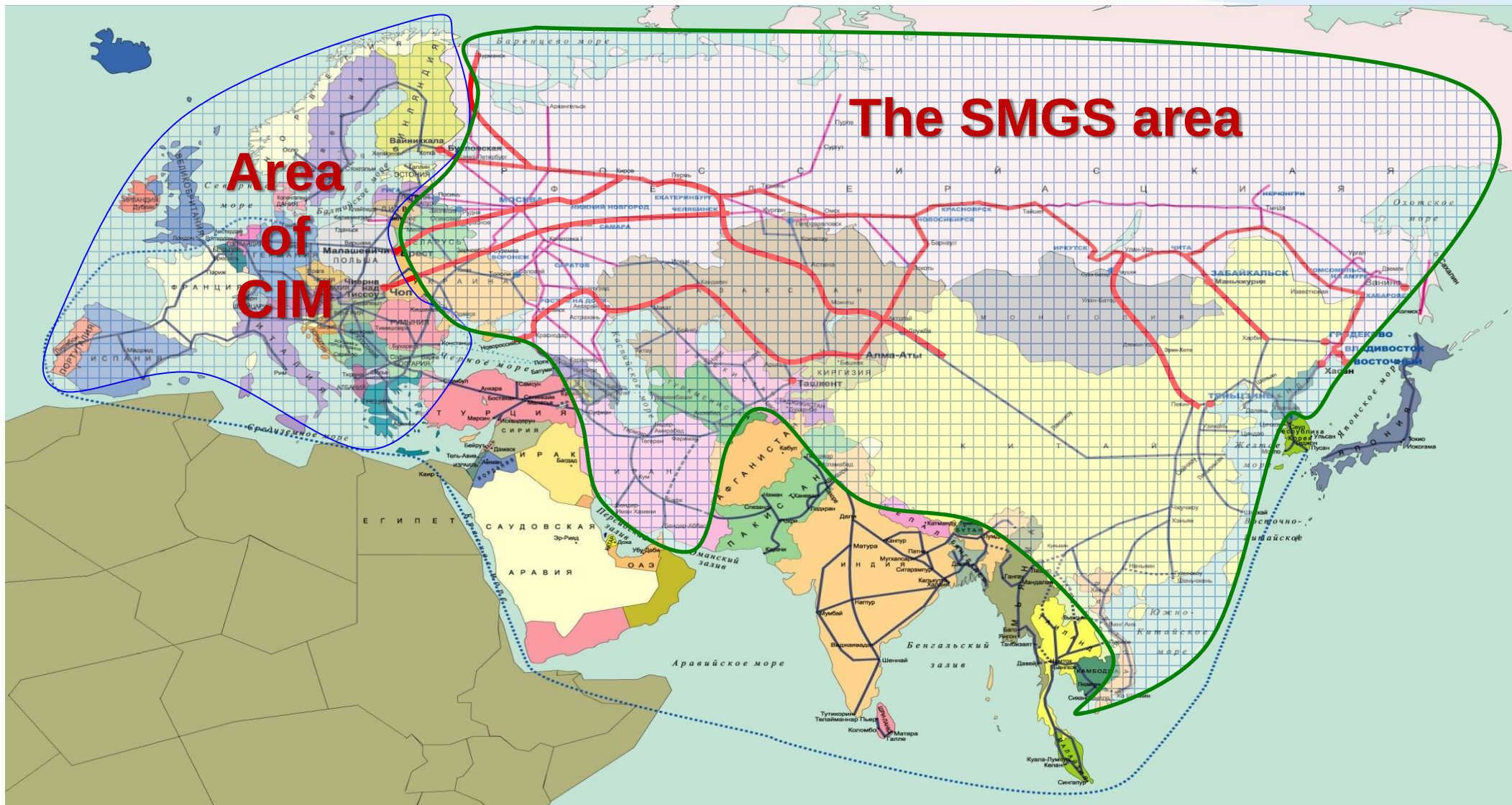
LIST OF EXPORT CORRIDORS OF THE RUSSIAN FEDERATION

No	Large corridor	Large corridor route	Export corridor	Checkpoints
1.	North-South	Countries of Eastern, Central Europe and Scandinavia - European part of the Russian Federation - Caspian Sea - Iran - India, Pakistan and others	Part of the North-South corridor: the European part of Russia - Eastern, Central Europe and Scandinavia	Ust-Luga
2.			Part of the North-South Corridor: European part of Russia - Caspian Sea - Iran	Astrakhan
3.			Part of the North-South corridor: European part of Russia - Caspian Sea - Azerbaijan, Georgia	Derbent, Upper Lars
4.			Branch of the North-South corridor: Murmansk - Arkhangelsk - EU countries, America, Africa	Murmansk (marine), Arkhangelsk
5.	Trans-Siberian Railway (East-West)	Central Europe - Moscow - Yekaterinburg - Krasnoyarsk - Khabarovsk - Vladivostok / Nakhodka. Branch system: to St. Petersburg, Kiev, Novorossiysk, Kazakhstan, Mongolia, China and Korea. Interfacing with pan-European transport corridors Nos. 2,3,9	Trans-Siberian Part: Moscow - Baltic States - Central Europe	Posin, Skangali, Pskov Pechora
6.			Branch of the Trans-Siberian Railway: St. Petersburg - Central Europe	Ivangorod, St. Petersburg, Vysotsk
7.			Continuation of the Trans-Siberian branch: St. Petersburg - China, other Asia, America, the Middle East and Africa	St. Petersburg
8.			Transsib branch: Moscow - Kiev (Ukraine)	Suzemka, Valuyki (railway), Triple-breasted, Nekhoteevka
9.1.			Transsib branch: Moscow - Novorossiysk - Middle East and Africa	Novorossiysk, Caucasus, Taman, Tuapse, Rostov-on-Don (marine), Azov, Yeysk, Taganrog, Sevastopol
9.2.			Transsib branch: Moscow - Novorossiysk - Asia	Caucasus, Novorossiysk, Tuapse, Taman
9.3.			Transsib branch: Moscow - Novorossiysk - Europe	Novorossiysk, Tuapse, Taman, Rostov-on-Don (marine), Yeysk, the Caucasus, Azov
9.4.			Branch of the Trans-Siberian Railway: Moscow - Novorossiysk - America	Tuapse, Novorossiysk
10.			Branches of the Trans-Siberian Railway: Moscow - Samara, Ufa, Chelyabinsk - Kazakhstan; Krasnoyarsk - Novosibirsk - Kazakhstan	External (border of Kazakhstan): Saryagash, Beineu
11.			Trans-Siberian Branch: Ulan-Ude - Mongolia, China	Nayshki (railway)
12.	Trans-Siberian Railway (East-West), Primorye-1, Primorye-2	Central Europe - Moscow - Ekaterinburg - Krasnoyarsk - Khabarovsk - Vladivostok/Nakhodka, Grodekovo - Harbin; Posiet/Zarubino - Kraskino - Hunchun	An Offshoot Of The TRANS-Siberian, Primorye, Krasnoyarsk - Khabarovsk - Vladivostok/Nakhodka, Grodekovo - Harbin (China); Posiet/Zarubino - Kraskino - Hunchun (China)	Zabaykalsk (railway), Vladivostok, Nakhodka, Vostochny (Primorsky Krai), Pogranichniy (railway, Primorsky Krai), Pogranichniy (a / m, Primorsky Krai)
13.	Pan-European Transport Corridor No. 1	Helsinki - Tallinn - Riga - Kaunas and Klaipeda - Warsaw and Gdansk. Branch Riga - Kaliningrad - Gdansk	Part of the Pan-European Transport Corridor No. 1: Kaliningrad - Riga, Gdansk - Sweden, Denmark	Kaliningrad (marine)
14.	Pan-European Transport Corridor No. 2	Berlin - Poznan - Warsaw - Brest - Minsk - Smolensk - Moscow - Nizhny Novgorod - Yekaterinburg	Part of the Pan-European Transport Corridor No. 2: Yekaterinburg - Nizhny Novgorod - Moscow - Smolensk - Brest, Minsk (Belarus) - EU	External (border of Belarus): Molodechno (transfer station), Kozlovichi, Bruzgi, Kamenny Log
15.	Pan-European Transport Corridor No. 9	Helsinki - Vyborg - St. Petersburg - Pskov - Moscow - Kaliningrad - Kiev - Lyubashevka / Rozdilna (Ukraine) - Chisinau - Bucharest - Dimitrovgrad - Alexandropolis. Branches: Helsinki - St. Petersburg - Moscow (branch A); Kaliningrad - Kiev (branch B); Kaliningrad - Vilnius - Minsk (branch B). The section of the Pan-European transport corridor No. 9, the Finnish border - St. Petersburg - Moscow, is included in the North-South corridor.	Part of the Pan-European Transport Corridor No. 9: Vyborg - Helsinki (Finland)	Buslovskaya



Area of freight East-West on a single transportation document CIM / SMGS

- need an electronic invoice in the format of CIM-SMGS



CIM/SMGS consignment note shall be issued for carriage by Railways applying different transport law

The main question is how do we work tomorrow?

Now the transport market has a very difficult and unusual situation, in which we all find ourselves, and much now depends on our joint coordinated work, cooperation and mutual assistance.

We are now in a difficult period of the pandemic, we have seen problems in most delivery cases - where people are involved.

Therefore, for the future, you need to:

- strive for the most contactless delivery methods,**
- activate cargo containerization,**
- use rail transport for container and contrailer transport.**

**Logistics terminals and warehouses must also be fully automated.
Loading/unloading facilities and reach stackers must also be unmanned.**

More applied sectors of the information economy are actively developing:

- collecting and processing commercial information, user services, creating content,**
- new automated production and logistics algorithms.**
- new intelligent solutions for supply chain management and transportation efficiency.**

Logistics companies need to:

- joining forces to survive in a crisis,**
- new tools to support teamwork in quarantine and beyond mechanisms for supporting cargo owners (exporters, importers, traders and economic operators) in the context of changes in sales markets and logistics chains.**

Thank you for your attention! Merci pour votre l'attention!
Danke für Ihre Aufmerksamkeit! Dank u voor uw aandacht!
Tack för er uppmärksamhet! Takk for oppmerksomheten!
Tak for din opmærksomhed! Obrigado pela vossa atenção! Grazie di attenzione!
Gracias por su la atención! Kiitos huomiota! Tänan teid tähelepanu eest!
Paldies par uzmanību! Таны анхаарлын төвд баярлалаа! Назарларыңызға рахмет!
Ташаккур барои таваҷҷӯҳатон! Dékojame už Jūsų dėmesį!
Dziękuję za uwagę! Дякуємо за увагу! Дзякуем за ўвагу!
Ďakujem(děkuji) vám za pozornost! Hvala za vašo pozornost!
Vă mulțumesc pentru atenție! Благодаря за вниманието! Хвала вам на пажњу!
Hvala na pažnji! Ви благодариме за вашето внимание!
Σας ευχαριστώ για την προσοχή σας!
Игътибарыгызга рəхмəт! İlginiz için teşekkür ederiz!
תודה על תשומת הלב שלך! דאנק איר פֿאַר אייער אכטונג! Terima kasih atas perhatian Anda!
感謝您的關注! أشكركم على اهتمامكم! ご清聴ありがとうございました! आपका ध्यान के लिए धन्यवाद !
당신의주의를 당신을 감사하십시오! ขอบคุณสำหรับความสนใจของคุณ! მადლობას გიხდით
ආර්ථිකයාගෙන්! تشكر از توجه شما! Чон рахмат!