

The background image shows a person in a plaid shirt gesturing with their hands in a meeting. In the foreground, there is a laptop displaying a data visualization and a notebook with a pen resting on it. The scene is dimly lit, focusing on the person and the work materials.

The problem of statistical accounting of transport involving several modes of transport

Vakulenko S., Kurenkov P., Khusainov F., Preobrazhensky D.,
Ivanov A., Moisieevich N., Gerasimova E., Karyshev M., Zotova E.

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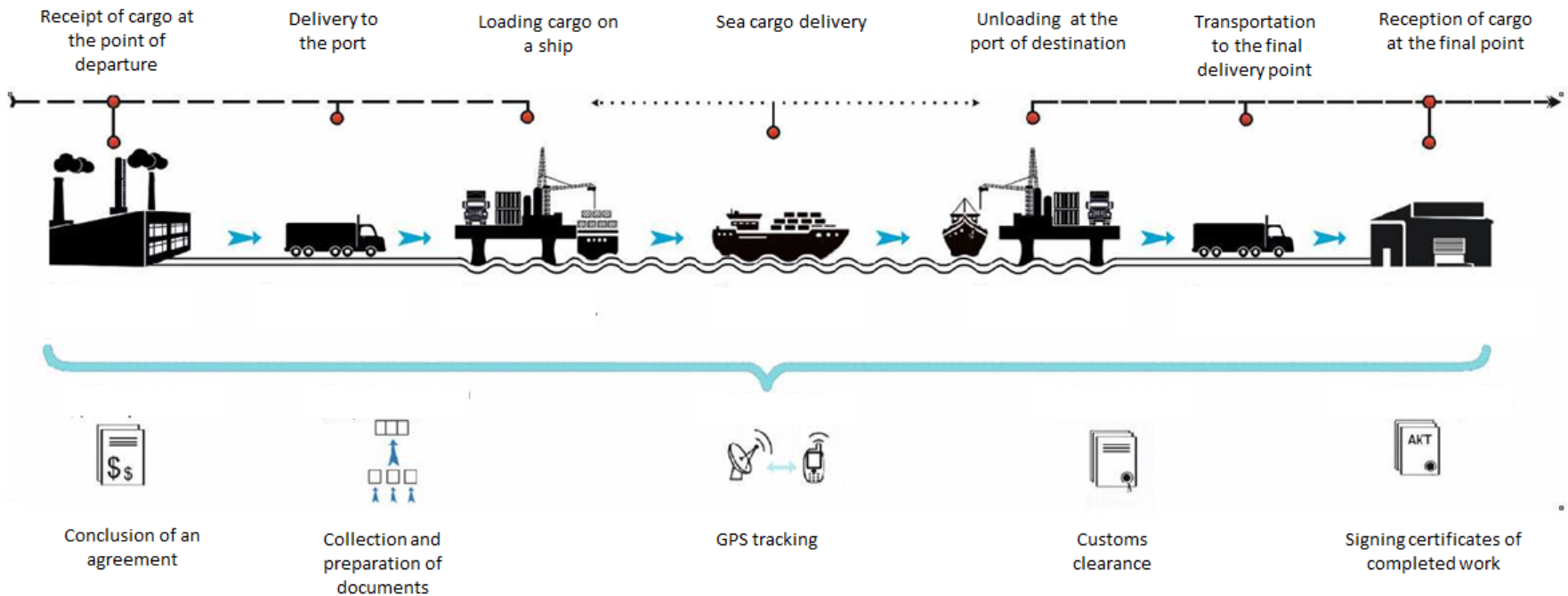
A short history of existing types of mixed transport in Russia and abroad is presented. The system of export freight delivery is analyzed in association with all forms of interaction between various modes of transportation and the subjects of the transport service market (TSM). The authors point out that the diversity of mixed transport as well as the concepts of “aspects”, “areas”, “fields”, “forms” of coordination and interaction between various modes of transportation and TSM subjects are interpreted differently. The concepts of “interaction”, “coordination”, “cargo owner”, “logistics”, “marketing”, “transportation hub”, “export and import of transport services” are clarified. There is focus not only on the transport complex organization departments and management levels of various modes of transportation, but also on other TSM subjects (carriers, cargo owners, forwarders, stevedores, marine agents, banks, organizations responsible for expertise, customs control and document completion, etc.). The definition of “legal logistics” is suggested.

Mixed transport involving steam-powered railway transportation dates back to the early 19th century. In 1813-1814, the British began transporting coal from collieries to the River Tyne near Wylam, a small village in the county of Northumberland (among its renowned residents was George Stephenson, 'Father of Railway'). There the coal was loaded from railway cars onto river barges to be further carried to the Newcastle sea port.

Everybody knows that England is the country where first steam locomotives were put into operation. More than that: this country is the home to mixed steam-powered railway-water transport and (why not!) to transport logistics.

It is worth mentioning that wheel type machinery was transported by the 3rd Russian railway connecting Warsaw and Vienna. (At that time Poland was a part of the Russian Empire). Railways were used to carry this type of machinery during the Russo-Turkish War of 1877-78, the Russo-Japanese War of 1904-1905 and especially during the WW1 to bring armored vehicles and principally new tracked vehicles (tanks) to the front. It was the time to test and, later, introduce new loading technologies – Lift-on/Lift off and Roll-on/Roll-off.

Transportation involving several modes of transport - I



Transportation involving several modes of transport - II



Transportation involving several modes of transport - III



Airplane+Car



Sea+Car



Sea+Railway



Car+Railway



Car+Car

Transportation involving several modes of transport - IV



Thank you for your attention! Merci pour votre l'attention!
Danke fuer 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! Děkojame 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 рәхмәт! 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
අනුරාද්දෙව්වහිනි! ا تشكر از توجه شما!