CCTT practices and Initiatives aimed at increasing the security of cargos carried in containers by rail

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The volume of railway container transportation in the China-Europe-China connection (January-May 2018)

Total volume – 118,900 TEU

- Canisai: 75,465 TEU
- Naushki: 24,739 TEU
- Zabaikalsk: 18,135 TEU
- Far-East ports of Russia: 579 TEU

Source: UTLC ERA
Rail routes of container trains escort: E-Seal System
Electronic Devices and Rapid Response Teams Operation
Intelligent Electronic Lock and Seal Device

Performs the functions of a mechanical locking and sealing device and provides real-time monitoring of the location, condition of mechanical locking and sealing device, cargo and vehicle.

Dynamics of the rolling stock sealing with electronic seals "BIG LOCK"

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Main technological operations when transporting containers and benefits from the use of e-seals

Main technological operations

Benefits from the use of an electronic seals

- Reduction of cargo delivery time in the accelerated container trains for 5 days or by 34%
- Increase of delivery speed at 304.1 km/day or by 35%;
- Reduction of costs for ensuring the safety of cargo on the route (security group responds to an alarm signal in case of violation of the container integrity);
- Reduction of the insurance cost when using an electronic seal by 5-7%;
- Acceleration of the turnover of working capital.
THANK YOU FOR YOUR ATTENTION