On Prevention of Theft of Transit goods
and some Aspects of Rail Safety
“Departmental Railway Security” Joint Stock Company

**Organization chart**

<table>
<thead>
<tr>
<th>Department/Unit</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Headquarter (9 departments)</td>
<td></td>
</tr>
<tr>
<td>11 regional branches</td>
<td></td>
</tr>
<tr>
<td>123 rifle teams</td>
<td></td>
</tr>
<tr>
<td>17 inspection units</td>
<td></td>
</tr>
<tr>
<td>29 mobile tactical response teams</td>
<td></td>
</tr>
</tbody>
</table>

**Types of Activities**

- Cargo protection and escort
- Protection of railway infrastructure
- Security inspections at railway stations
- Design, installation of security systems

**Armament, Equipment, Transport Vehicles, Service animals**

<table>
<thead>
<tr>
<th>Category</th>
<th>Items</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rifles and smooth-bore weapons</td>
<td>✓ pistol “Baikal-442”; ✓ pistol &quot;Walther PPT&quot;; ✓ carbine &quot;Saiga-410“</td>
</tr>
<tr>
<td>Non-lethal weapons</td>
<td>✓ rubber truncheon (PR-73); ✓ binoculars ✓ radio, flashlight ✓ handcuffs ✓ uniforms</td>
</tr>
<tr>
<td>Off-road vehicles</td>
<td>✓ UAZ Hunter ✓ UAZ 452 ✓ VAZ 21212 ✓ Hyundai County Minibus</td>
</tr>
<tr>
<td>Service animals</td>
<td>✓ guard dog ✓ saddle horse</td>
</tr>
</tbody>
</table>

Total number of personnel – more than 11 000 persons
Railway Cars and Incidents of Theft

- Railway cars:
  - 2015: 705,989
  - 2016: 708,478
  - 2017: 940,627
  - 2018: 1,094,574
  - 8 months 2019: 650,244

- Incidents of theft:
  - 2015: 37
  - 2016: 22
  - 2017: 16
  - 2018: 15
  - 8 months 2019: 2
Integrity and Safety of Railway Cargo

KTZ-Freight Transportation JSC

Departmental Railway Security JSC

Border and customs authorities

Organization departments NC "KTZ" JSC (TND, TSD, CSD *)

Transport police

* TND – Trunk Network Directorate, TSD – Traffic Safety Department, CSD – Corporate Security Department
Systems for Monitoring and Automated Accounting of Guarded Railway Cars

- GPS satellite
- Cellular communication provider
- Server room
- Central control room
- Electronic alarm system (Watchlock)
- Radio alarm system (Qorgau-TZ)
- Automated accounting system for guarded railway cars
Types of Low Quality Seals used on Cargo Containers

- **Cable seal with steel locking device***
- **Cable seal with a plastic locking device***
- **Bolted rod seal***
- **Plastic tape seal***
- **Plastic corded seal***

* the rod may be turned and removed from the locking housing undamaged

** breaks at low temperatures
Transportation safety

1. Human life and health protection, environmental protection

2. Creation of accident-free working conditions for transportation participants

3. Maintenance of trunk railway network, rolling stock, structures, equipment and mechanisms

4. Elimination of rail traffic safety violations and their consequences

The Rail Transport Law of the Republic of Kazakhstan dated December 8, 2001 No. 266-II (as amended as of April 19, 2019)
Thank you for your attention!!!