

# **JOINT STOCK COMPANY “RUSSIAN RAILWAYS”**

**Work done by the JSC “RZD” on “prevention and suppression of unlawful interference acts in railway transport activity”**

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## **Main directions of the «Human factor» working group activity**

- 1. Development of recommendations on organization and implementation of prevention and suppression measures of unlawful interference cases in railway transport activity;**
- 2. Working out of general rules of behavior for passengers and railway staff in emergency situations;**

# Unlawful interference acts

- putting of extraneous subjects on tracks;
- cannibalization of control command and signaling systems (CCS) for the purpose of bringing non-ferrous metals to scrap- yard for money;
- infringement on life of railway staff during their official duties;
- anonymous messages on a mining of railway transport facilities.

**In 2008 on Russian Railways was committed**

561 cases of putting of extraneous subjects on tracks;

934 theft cases of control command and signaling systems;

232 cases of tracks cannibalization;

41 infringement on life of railway staff during their official duties;

114 anonymous messages on a mining of railway transport facilities.

## **Russian railways implements the following measures:**

- putting forward a proposal on strengthening of legislative norms concerning violation of movement and operation safety rules of railway transport;
- expansion in the number of protected railway objects and organization of patrolling of railway sectors with high level criminal situation;
- equipment of important facilities with video camera and signaling sensors which transfer data to the railway emergency centers;
- organization of security agencies work in interaction with of transport militia.

**The Russian railways initiative concerning amendments to Federal law on extension of liability for infringement of railway security requirements**

-a penalty at a rate of 100 000 rubles or up to two years imprisonment for destruction, damage of transport facility, communication lines and CCS systems as well as for blocking of transport communications;

- a penalty from 100 000 to 400 000 rubles or imprisonment for the term up to four years for the same offences which by intentional reason caused heavy harm to health or caused a large damage.

## **Protection of the important railway facilities**

In 2008 175 security organizations were involved in protection of more than 5 thousand railway facilities.

For preventive actions implementation in railway regions with high criminal situation the joint specialized groups consisting of transport militia and security organizations officers are engaged. These groups are equipped with communication devices, special means and can move by motor transport or passing trains. In total about 350 joint specialized groups work on Russian railways.

## **Equipment of important railway objects with technical security means**

In 2008 170 railway objects were equipped with protection means.

Video surveillance systems were placed in 148 suburban trains.



## **Effectiveness of video surveillance means**

In 2008 due to video surveillance means and operative communication there were revealed above 1200 crimes and 900 crimes were prevented.

About 12000 persons were detained for administrative offences and 38 of them had been on the wanted list.

About 290 suspicious subjects were revealed

## **Development of common rules for passengers and railway workers on how to behave in emergency situation**

The JSC “RZD” worked out methodical recommendations for all categories of railway workers «precaution and prevention of illegal interference in railway transport activity». Instructions for passengers of long distance trains «On passenger behavior at of terroristic attack threat» has been also developed.

The important part of this work is the delivering of this information to passengers. Posters with detailed description of actions at detection of suspicious subjects, at threat of criminals attack are hanged out on foreground at stations and passenger trains. The warning information is sounded by the announcer at stations and broadcasted in suburban trains. Data on prevention measures are published in mass media.

The JSC “RZD” has created and improves personnel training systems aimed at organization of work at emergency situations. For this purpose the company has created courses of an increase in qualification at higher educational institutions of railway branch.

## Further activity directions of “Human factor” working group

- proposals on counteraction to illegal acts in passenger trains and railway facilities, aimed against passengers and railway staff (theft, robberies, murders, rapes);
- proposals on suppression of cases of unlawful interference (cannibalization and steeling of track details, communication devices, CCS system, details of a rolling stock, putting of different subjects on tracks).
- recommendations on actions of passengers and railway staff in emergency situations (theft, robbery, usage of psychotropic substances).

We also suggest to expand a subject of group and to consider topic on exception of ticketless traveling cases and falsification of travel documents (fakes, manufacturing of tickets) and to generalise the work of security services against graffiti drawings on walls and rolling stocks and other railway facilities.