



Seminar " Strengthening the security of internal freight routes»

«The role of innovative technologies in ensuring the safety of cargo transportation»

Head of the movement under the customs control organization of the general department of the organization of customs control of the State Customs Committee

Rabushko Anna Aleksandrovna

Geneva 2019



* International Transport Corridors





* Submitting of advanced information to the Customs Service

Aims:

- * To evaluate risks and make advanced decision on objects, forms of customs control and measures to be taken to conduct customs control
- * To accelerate fulfillment of customs operations and optimization of customs control





New possibilities of advanced electronic information usage



- * as vehicle declaration;
- * to conduct customs operations connected with:
 - * putting goods under temporary storage;
 - * getting permission from the customs authority to conduct unloading, transshipping at the place of arrival, replacement of vehicle;
 - * getting according information from Authorities responsible for veterinary and phyto-sanitary control.



The main objectives of the project **PRINEX**

Increasing customs procedures effectiveness at the border checkpoints along common border by means of enforcing pre-arrival information processing leading to reduction of border crossing time

Reduction of the quantity of illegal cross-border movements of goods and means of transport.

PRINEX

Decreasing customs offences following information electronic exchange system application, human factor influence minimization and, accordingly, reducing the possibility of corruption.

Creation of the software for electronic system of preliminary information exchange (Customs-to-Customs)



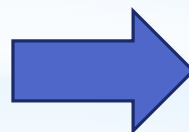
* Information exchange by means of PRINEX



Система обмена предварительной информацией
между таможенными службами Беларуси и Украины
ПРИНЕКС

xml-messages:

- information on international transport vehicles
- information about the carrier
- information on the consignment



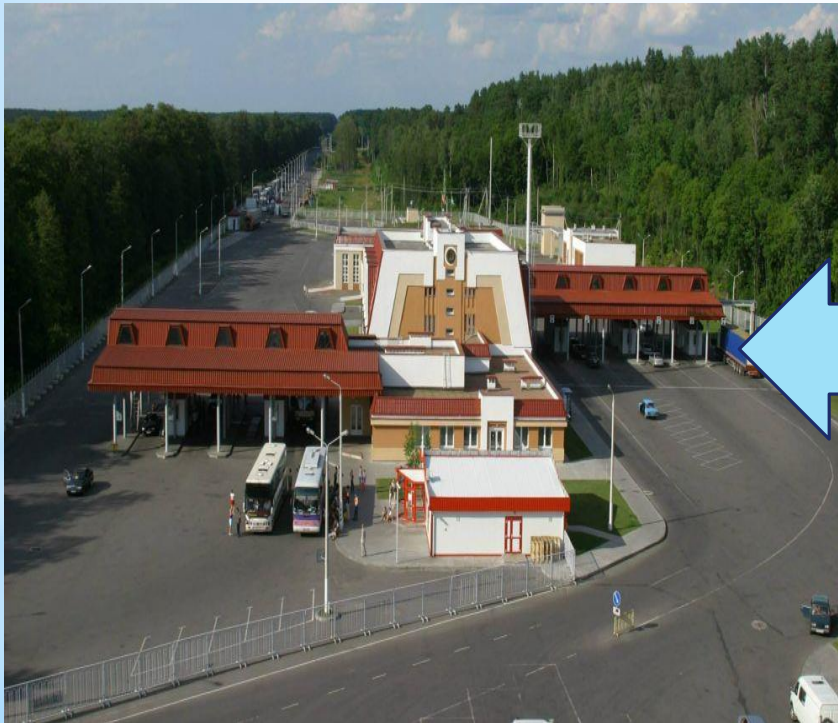
The result:

- 1) Risk assessment
- 2) Decision-making on application of customs control forms



*Prospects

* «Introduction of an automated intelligent video-control system at road border crossing point Novaya Huta - Novi Yarylovychi at the Belarus-Ukraine frontier»



Novaya Huta - Novi Yarylovychi



* Creating of a tracking system

- **establishment of an interdepartmental Working Group;**
- **development and approval of an action Plan** for the establishment of a system for tracking (monitoring) international transit movements of goods using navigation devices (seals);
- **the appointment** of a national system operator tracking (monitoring) of international transit ALC "Belneftegaz» *;
- **development of documents** regulating the pilot project;
- **establishment of a tracking system and its integration with the Customs System;**
- * **assignment of customs clearance points participating** in the pilot project

* in accordance with the Order of the President of the Republic of Belarus of November 1, 2018 No. 220pn



* Creating of a tracking system

February 2019

← История движения грузоперевозки 1809 Подробнее о грузоперевозке РЕДАКТИРОВАТЬ МАРШРУТ

Грузоперевозка

🚚 01250NM · 01250NM

Маршрут

- A 8890 Берестовица (Бобровники)
- ✓ 6617 Слуцк-железнодорожный
- B 2891 Витебская таможня

Контроль движения по маршруту
Включен

Допустимая величина отклонения
100 км

Фильтр

Очистить фильтры

Даты движения

Очистить

📅 Все дни
00:00 – 23:59

эпу

Очистить

- GNS 367 990 671 711
- GNS 367 990 671 781
- EM_1 558 093 684 665-116
- HD_375 336 003 845 (bng)

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🔒 GNS 367 990 671 781

🚚 01249ANM

📅 Ср, 17 окт, 2019 15:38:01 +03:00

🔋 88% 🔄 63 км/ч

● Запорный механизм не работает



Implemented features



Real-time monitoring of sealed vehicles;



Fixation of facts or attempts to open the sealed cargo compartment of the vehicle, deviations from the route;



Integration with Customs Information System;



Full integration into the technology of Customs operations.



* Information exchange between the Systems

Upon notification of the arrival of vehicles for international transportation international Customs Information System will automatically control the Pre-Arrival information for the need of using an electronic seal.

When registering the filing in of a transit Declaration, the customs information system automatically sends a message to the operator System about the need of using an electronic seal.

When goods are released the information system of customs authorities automatically blocks the possibility of release in case of the absence of a message from the operator System about the affixing of an electronic seal.

Регистрация

Выдан номер регистрации предъявления товаров в пункте ввоза: **09103/9P100122**.
Дата и время регистрации: **07.03.2019 13:30**.
Для ТСМП требуется наложение электронных пломб

[Перейти к подаче ТД](#) [Закреть](#)

Подача

По декларации **09103/070319/P0029217** зарегистрирована подача ТД под номером **0100109**
Дата и время подачи: **07.03.2019 12:17**
Номер ЛНП подачи - **0377**
На ТСМП, перемещающее товары, указанные в ТД, требуется наложить электронные пломбы.
Сообщение с требованием наложения пломб передано в ИС ЭП.

[Перейти к регистрации ТД](#) [Закреть](#)

Транзит

✘ Для ТД установлен признак необходимости установки электронных пломб, а сведения по наложению пломб и их активации отсутствуют.
Повторите выпуск после получения уточненных сведений от ИС ЭП.

[Закреть](#)



Monitoring system

СОМТП
Мониторинг



Представление
ЭПИ или ЭТД



Прибытие
транспортного
средства
в РПТО



Наложение
и активация
пломбы



Выпуск товаров
в соответствии
с таможенной
процедурой
таможенного
транзита



Перевозка
товаров в
соответствии
с таможенной
процедурой
таможенного
транзита



Прибытие
транспортного
средства
в таможенный
орган
назначения



Деактивация и
снятие пломбы



Завершение
таможенной
процедуры
таможенного
транзита



Pilot project on operational monitoring of routes of vehicles for international transportation in real time



National operator of the system for tracking international movements of goods using navigation devices (seals)

ALC "Belneftegaz»



The Republican body of state administration coordinating the work on the creation and functioning of the segment of the unified transit system of the EAEU in the Republic of Belarus

The State Customs Committee

**FIRST PHASE OF THE PROJECT
March-April 2019**

**SECOND PHASE OF THE PROJECT
may, 2019 – present**

**RCCP "Kozlovichi", "Bruzgi",
"Kamenny Log", "Grigorovshchina",
"New Huta" ICCP
"Beltamozhservice-TLC", "Minsk-Beltamozhservice-2", "Belcastel",
"Minsk-SEZ»**

**RCCP "Benyakoni-1",
ICCP " Minsk-Beltamozhservis-2»**

✓ **Applied to about 300 shipments**

✓ **The time of application and registration in the navigation seal system is 5-10 minutes**



* The main differences between the phases of the Pilot project

I PHASE

- 5 RCCP + 4 ICCP
-
- it was not carried out at night
- Any product categories
-
- Goods at the specified delivery location on the basis of the information specified in the shipping documents
-
- The affixing and removal are carried out by the national operator

II PHASE

1 RCCP + 1 inside ICCP

Around the clock phase

Selected product categories

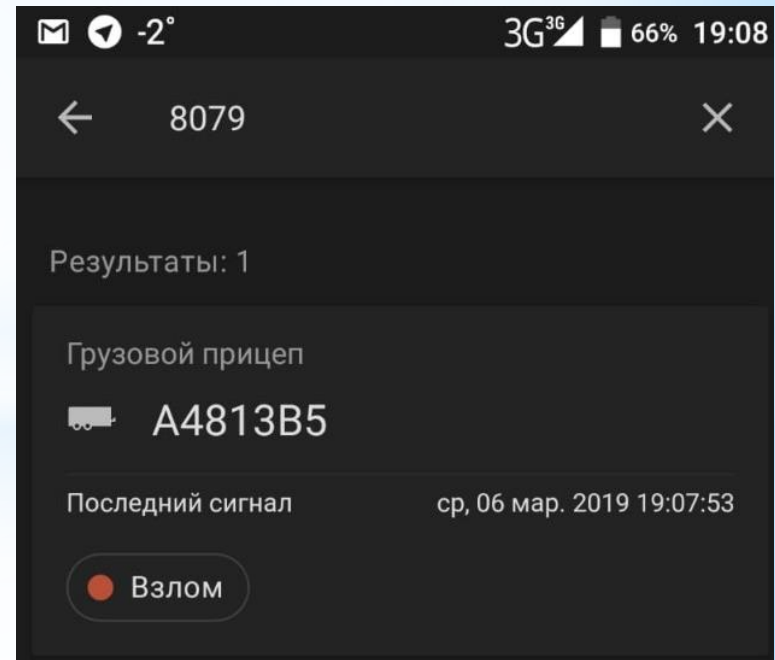
Changed the place of delivery within RMS

The imposition and removal are carried out by the customs representative



* Emergency situation

- unauthorized opening of the seal;
- deviation from route;
- loss of signal;
- decrease of the battery charge level below the allowable values.





* The results of the Pilot Project

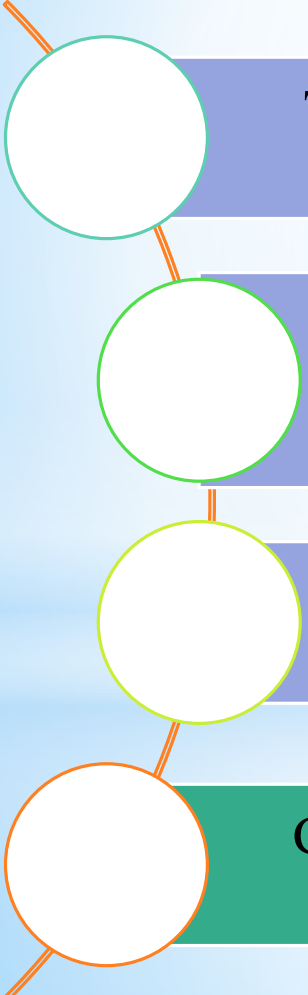
The transit tracking system created in the Republic of Belarus allows::

- * **to carry out information interaction between the system of the national operator and the information system of customs authorities** in online mode and without failures;
- * **to monitor the movement of vehicles** on which electronic seals are imposed, including to track the route of movement of such vehicles;
- * **promptly respond to emergency situations appearing;**
- * **without the participation** of the customs officer and representative of the national operator **to decide on the application of the electronic seal** in respect of the particular transport before the arrival of the vehicle at the checkpoint;
- * promotes **safe transportation** of transit goods from the sender to the recipient;
- * if necessary, **to integrate with similar systems of the other member States of the EEU and establish cooperation** with other interested ministries and departments



* Near-term prospects for the application of the tracking system

In the Republic of Belarus



The replacement of guarantee mechanisms during the customs transit

The organization of "transit-free" movement of foreign goods between the places of temporary storage

The replacement of customs and mandatory escorts in the framework of **the EAEU**

Carrying out the multilateral experiment on the monitoring road transport



The prototype of the seal

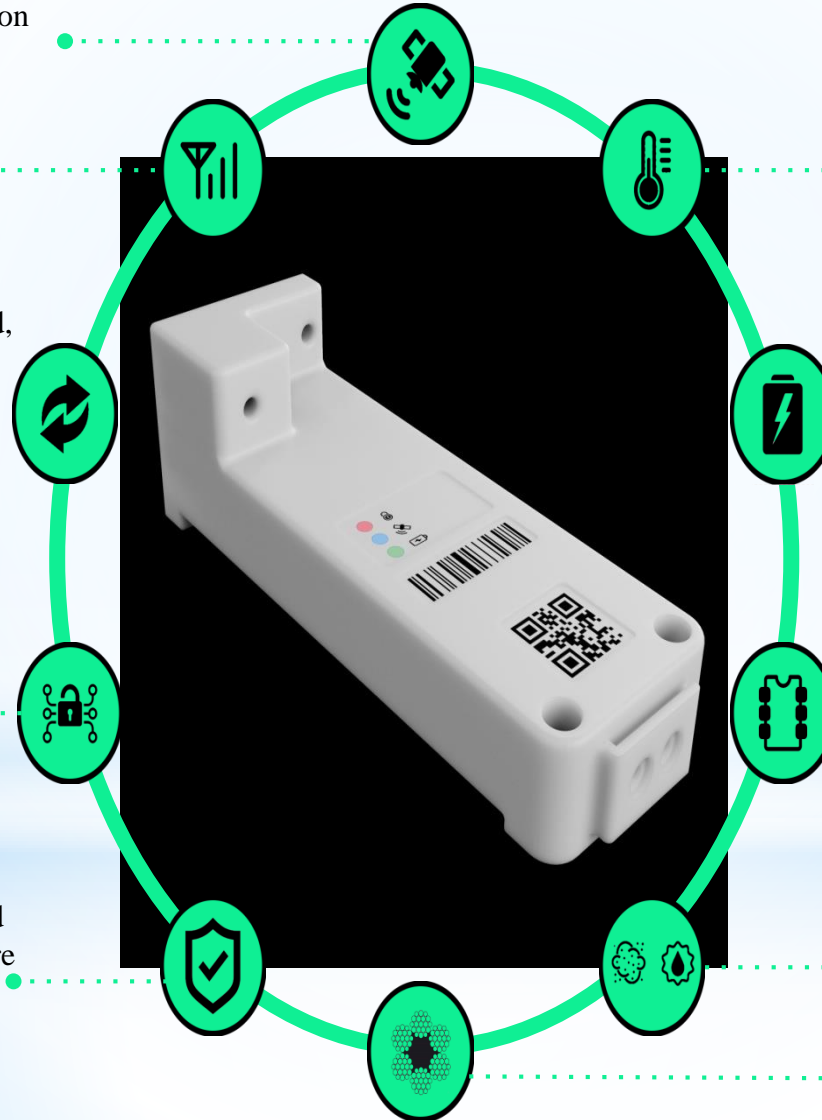
GLONASS/BeiDou/GPS navigation

GSM / Short-range satellite
wireless communication

Data transfer to the platform (id,
coordinates/date/time/ status/
charge level/speed, etc.)

Cryptographic information
protection

Control of housing integrity and
ZPU, vibration level, temperature
and acceleration



Operating temperature range -40 to
+70 0C

Built-in battery (work up to 45 days) with
optional external battery

Built-in 256 MB nonvolatile memory

Housing made of polymer materials with
IP67 protection

Supported ZPU cable diameter from 1.5
mm to 5 mm



* Memorandum for accelerated carrying out of customs operations within the framework of TRANS-Eurasian rail transport between SCC and China General customs administration



- the acceleration of the release of goods under the TRANS-Eurasian railway container transport
 - using the information from the electronic rail consignment notes (in manifests)
 - application of navigation seals by railway operators (other interested parties) in the framework of railway container transportation
 - mutual recognition of the standards of navigation seals and means of identification
- Work on the organization of the experiment on the route "China-Kazakhstan-Russia-Belarus» is carried out



**Thank You for Your
attention!**