



**MINISTRY OF TRANSPORT OF THE RUSSIAN FEDERATION
(MINTRANS OF RUSSIA)**

“APPROVE”

Deputy Minister of Transport
of the Russian Federation

(signature) A.S. Tsydenov

“ ” _____ 2016

MINUTES

**Session of Working group on improvement of public purchases innovativeness
in transport complex under chairmanship of Deputy Minister of Transport of
the Russian Federation – Working group leader A.S. Tsydenov**

25/03/2016

Moscow

No. ATs-46.

Present:

Working group members:

A.K. Semyonov, A.V. Slavutskiy,
D.V. Petrova, P.M. Tarasov, N.I. Torba,
E.P. Shaburov, D.M. Bashirova

Invitees:

From Mintrans of Russia:

A.M. Dyachuk

From Federal Railway Transport
Agency (Roszheldor):

I.V. Mitsuk

From Federal Road Agency
(Rosavtodor):

V.B. Kurguzov

From Federal Agency for Maritime and
River Transport of Russia
(Rosmorrechflot):

K.V. Kladov, D.V. Zagaylin

From Moscow State University of
Railway Engineering (MIIT):

A.M. Davydov

From Moscow Automobile and Road
Construction State Technical University
(MADI):

S.V. Zhankaziev

From OJSC “Russian Railways”:	V.V. Moiseenko, A.V. Mislavskiy
From Federal State Unitary Enterprise “Rosmorport”:	S.G. Antonov, A.N. Boldorev, E.M. Evseenkova
From PJSC “Aeroflot”:	E.S. Dvoryantseva
From State Company “Avtodor”:	S.V. Ilyin
From State Company “Morton”:	Yu.V. Vasilyev, A.I. Chernyaev, I.V. Filyaev, E.G. Melyuk
From SkyWay Technologies Co.:	A.E. Yunitskiy, V.I. Baburin
From OJSC “Scientific Industrial Enterprise “Digital Radio-Technical Systems”:	Yu.A. Kapoiko
From OJSC “VZGLYAD”:	Yu.N. Adyakin, A.A. Ignatov
From OJSC “Scientific Industrial Center Information Technologies”:	N.A. Semashko, M.Yu. Moskalyov, N.N. Kuzmenko
From JSC “ICC Milandr”:	Yu.O. Myakochin
From OJSC “Gazko Group”:	D.D. Khopersky, K.O. Ruguzov
From OJSC “Avtomost–Stroyservis”:	V.V. Krasnitsky

I. On public purchases of innovative kinds of products, including those from the List, recommended by Working group of the Ministry of Transport of the Russian Federation on improvement of public purchases innovativeness in transport complex: current condition and main problems arising when organizing purchases of innovative products

(Tsydenov, Semyonov, Kurguzov, Mitsuk, Zagaylin, Torba)

The following information has been taken into consideration:

1. Federal Road Agency (Mr Kurguzov):

- on results of implementing the Strategy of innovative development of the Federal Road Agency for 2011–2015;

- on activities aimed to improve the regulatory-technical base of road facilities, implemented within the Strategy of innovative development of the Federal Road Agency for 2011–2015;
 - on activities for approving the Strategy of innovative development of the Federal Road Agency for 2016–2020;
 - on main problems when managing innovations implementation, as well as on key tasks for a perspective period;
 - on purchases of innovative technologies from the List, recommended by the Working group of Mintrans of Russia on improvement of public purchases innovativeness in transport complex in 2015 and purchase plans for 2016.
2. Federal Railway Transport Agency (Mr Mitsuk) on purchases of innovative kinds of products by subordinate organizations and universities.
3. Federal Agency for Maritime and River Transport (Mr Zagaylin):
- on work for creation of electronic navigation maps for inland waterways of the Russian Federation, implemented within the federal special-purpose program “Maintenance, development and use of GLONASS system for 2012–2020”, approved by the resolution of the Government of the Russian Federation dd. March 3, 2012 No. 189;
 - on work aimed to improve the regulatory-technical base for use of state navigation maps and databases, which will allow to form interaction mechanisms when organizing cartographic activities;
 - on development of electronic training system for specialists of higher educational establishments;
 - on work for fitting industrial ships of inland waterways with the monitoring system and fuel control;
 - on development of automated control system in Federal State-Funded Institution “Administration “Volgo-Balt” designed for comprehensive automation of activities carried out by structural subdivisions of the enterprise;
 - on purchases of innovative technologies, including those from the List, recommended by the Working group of Mintrans of Russia on improvement of public purchases innovativeness in transport complex in 2015.
4. Federal Air Transport Agency (Mr Torba):
- on operation of multi-position observation system at Sochi airdrome;

- on development of the project for equipping Vnukovo airdrome with the multi-position observation system;
- on prospects of implementing the first in the Russian Federation wide-area multi-position observation system “MERA”;
- on work for implementing innovative automated air traffic control system;
- on purchases of innovative technologies, including those from the List, recommended by the Working group of Mintrans of Russia on improvement of public purchases innovativeness in transport complex in 2015.

II. On purchases of innovative kinds of products, including those from the List, recommended by Working group of the Ministry of Transport of the Russian Federation on improvement of public purchases innovativeness in transport complex, as well as on purchases carried out within Program of innovative development

(Tsydenov, Semyonov, Moiseenko, Dvoryantseva, Ilyin, Antonov)

The following information has been taken into consideration:

1. OJSC “Russian Railways” (Mr Moiseenko):
 - on volume and list of high-technology and innovative products planned for purchasing in 2016 by OJSC “Russian Railways”;
 - on implementing the Program of innovative development by OJSC “Russian Railways” in 2015;
 - on formation of a consultative body responsible for purchasing efficiency audit of OJSC “Russian Railways”;
 - on creating the “one contact” system designed for collecting and processing innovative requests and offers received at OJSC “Russian Railways”, including those from entities of the Russian Federation and small and medium-sized businesses;
 - on development and approval of the Import substitution program for OJSC “Russian Railways” for the period up to 2020.
2. PJSC “Aeroflot” (Ms Dvoryantseva) on purchases of innovative kinds of products in 2015.
3. State Company “Avtodor” (Mr Ilyin):
 - on application of innovative kinds of products from the List, recommended by the Working group of Mintrans of Russia on improvement of public

purchases innovativeness in transport complex, for objects of State Company “Avtodor”, including as follows:

- 1) illumination of transport infrastructure objects using LED lamps;
- 2) construction technology for small bridges, pedestrian crossings, components of road facilities, artificial structures, illumination poles and poles of technical facilities for road traffic organization made of composite materials;
- 3) depth (mass) soil stabilization based on input of a binding agent into soil, which is a mixture of different components on the basis of shale ash to increase dynamic rigidity of weak subgrade soil;
- 4) checking device – tachograph, which is a single multi-service hardware and software platform providing a possibility of implementation the following functions on the basis of one device: control for drivers’ work and rest schedule as per AETR (European agreement concerning the work of crews of vehicles engaged in international road transport) requirements and the legislation of the Russian Federation;
- 5) 4D-technology of visual modeling to organize construction, reconstruction and modernization of objects in a transport complex based on the development of a visual model for work execution operation schedule linked to the 3D object model, as well as including a range of activities at the construction site;
- 6) construction technology for a concrete-composite arched bridge in a retained composite formwork;
- 7) linear safeguarding optical check system on an optical fibre cable;
- 8) power supply technology based on application of lithium-iodine batteries in transport sphere;
- 9) highly-efficient heat insulator made of high-density extruded polystyrene foam to form embankments, and devices of heat-insulation layers in road structures;
- 10) program complex for mathematic processing of ground penetrating radar data in online mode for high-speed monitoring of automobile roads and railways condition, as well as the condition of road structure layers and transport infrastructure components;
 - on carrying out activities to update the Program of innovative development for State Company “Avtodor”.

4. Federal State Unitary Enterprise “Rosmorport” (Mr Antonov) on implementing the Program of innovative development and purchases of innovative kinds of products, including those from the List, recommended by the Working group of Mintrans of Russia on improvement of public purchases innovativeness in transport complex in 2015.

There has been resolved as follows:

1. To request federal agencies subordinate to Mintrans of Russia to submit written reports on fulfilment of clause 2.3 “Implementation of state purchases of innovative kinds of products, including those from the List, recommended by the Working group of the Ministry of Transport of the Russian Federation on improvement of public purchases innovativeness in transport complex” of the Plan on federal agencies’ performance indices in 2015 (order of Mintrans of Russia dd. 30/03/2015 under No. 57a “On approval of plans on performance indices of the federal service and federal agencies subordinate to the Ministry of Transport of the Russian Federation for 2015”).

Term: May 20, 2016.

2. To request companies with public ownership, for which Mintrans of Russia is a branch department, to submit written reports on purchases of innovative kinds of products, including those from the List, recommended by the Working group of Mintrans of Russia on improvement of public purchases innovativeness in transport complex in 2015.

Term: May 20, 2016.

3. To note the absence of designated representatives of PJSC “Novorossiysk Commercial Sea Port” and JSC “International Airport Sheremetyevo” at the session of the Working group.

III. On innovative technologies approved by the Expert Council on improvement of public purchases innovativeness under Mintrans of Russia

(Tsydenov, Semyonov, Yunitskiy, Kapoiko, Adyakin, Ignatov, Semashko, Moskalyov, Myakochin, Khopersky, Ruguzov)

The following information has been taken into consideration:

1. SkyWay Technologies Co. (Mr Yunitskiy) on technologies of cargo, urban and high-speed transport system.

2. OJSC “SIE “Digital Radio-Technical Systems” (Mr Kapoiko) on characteristics, possibilities, advantages and prospects of application an integrated multi-position observation system Almanakh.
3. OJSC “VZGLYAD” (Mr Adyakin, Mr Ignatov) on designation, structure and characteristics of the Single Technological platform using RFID points.
4. OJSC “Scientific Industrial Center Information Technologies” (Mr Semashko, Mr Moskalyov) on the possibility of application an acoustic control system for contact-line supports.
5. JSC “ICC Milandr” (Mr Myakochin) on characteristics and possibility of application a multi-functional hardware and software complex of fault detection and strain-gauging in transport systems.
6. OJSC “Gazko Group” (Mr Khopersky, Mr Ruguzov) on characteristics and feasibility of using a technical detergent.

There has been resolved as follows:

1. To note the viability and advocate the transport technology with application of track infrastructure located on supports. To note the necessity of obligatory certification of composite track structure engineering elements, which are included in the specified transport technology. To repeatedly consider the technology after carrying out prototype model testing.
2. To include the integrated multi-position observation system into the List of innovative technologies, recommended for public purchases by the Working group on improvement of public purchases innovativeness in transport complex of Mintrans of Russia. To recommend the Federal Air Transport Agency (Rosaviatsiya) and FSUE “State Air Traffic Management Corporation” to use the multi-position observation system for realization of ADS-B development programs, implementation of S mode for observation in airdrome and airfield zones, control system for airdrome surface movement and altitude hold control system in civil aviation.
3. To approve of the Single Technological Platform using RFID points, developed by OJSC “VZGLYAD” (Mr Adyakin, Mr Ignatov). To additionally work out the question on standardization, as well as the unified technological approaches when being applied in regions of the Russian Federation, and to submit the corresponding information to the Development programs department (Mr Semyonov) to consider the technology at the regular session of the Working group.

4. To advocate the acoustic control system for contact-line supports, developed by OJSC “SIC Information Technologies” (Mr Semashko, Mr Moskalyov). To recommend OJSC “SIC Information Technologies” together with OJSC “Russian Railways” to work out the question on the possibility of application the acoustic control system for contact-line supports and to submit the corresponding information to the Development programs department (Mr Semyonov) to consider the technology at the regular session of the Working group.
5. To generally approve of the multi-functional hardware and software complex of fault detection and strain-gauging, developed by JSC “ICC Milandr” (Mr Myakochin). To recommend JSC “ICC Milandr” together with the Federal Road Agency, the Federal Agency for Maritime and River Transport, as well as OJSC “Russian Railways” to work out the question on the possibility of application the multi-functional hardware and software complex of fault detection and strain-gauging and to submit the corresponding information to the Development programs department (Mr Semyonov) to consider the technology at the regular session of the Working group.
6. To recommend OJSC “Gazko Group” (Mr Khopersky, Mr Ruguzov) together with federal agencies subordinate to Mintrans of Russia, as well as OJSC “Russian Railways” to additionally work out the question on determination of application sphere for a technical detergent on transport objects.

IV. Miscellaneous

(Davydov, Tsydenov, Semyonov)

The following information has been taken into consideration:

1. Working group members on the possibility of excluding technologies from the List of innovative technologies, recommended to public purchases by the Working group.
2. Expert Council Chairperson on improvement of public purchases innovativeness in transport complex – Vice Rector for Research and Innovations of Moscow State University of Railway Engineering (MIIT) Mr Davydov on the possibility of publishing materials concerning the operation of the Working group on improvement of public purchases innovativeness in transport complex, including the information on innovative technologies approved by the Working group, in the journal of research and practice “World of Transport”.

There has been resolved as follows:

1. At the regular session of the Expert Council on improvement of public purchases innovativeness in transport complex, there shall be considered a possibility of excluding from the List of innovative technologies, recommended for public purchases by the Working group, technologies that have lost their up-to-dateness and/or fall within the scope of the order of Mintrans of Russia dd. 25/08/2015 under No.261 “On approval of Criteria for rating goods, work, services as innovative products and (or) high-technology products for the purpose of forming the purchase plan for such products”.
2. The Development programs department (Mr Semyonov) together with the Expert Council Chairperson on improvement of public purchases innovativeness in transport complex – Vice Rector for Research and Innovations of MSU of Railway Engineering (MIIT) Mr Davydov shall determine the mechanism for publishing materials concerning the operation of the Working group on improvement of public purchases innovativeness in transport complex, including the information on innovative technologies approved by the Working group, in the journal of research and practice “World of Transport”.

Director of Development
programs department
Semyonov

(signature)

A.K.