

Russian Satellite
Communications Company

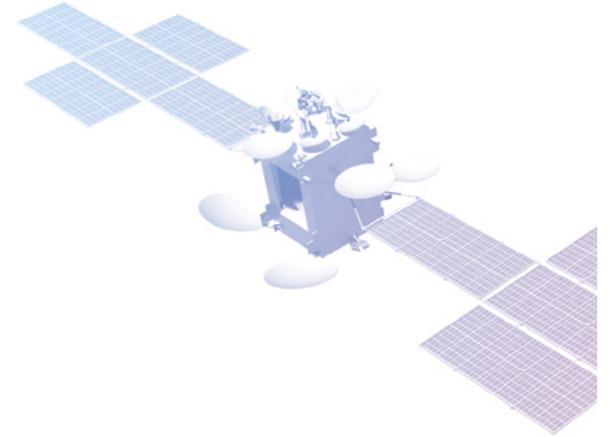
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Russian Satellite
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❖ RSCC leases out the future AM8

The British Earthly Orbit Communications has signed a contract with RSCC on the use of capacity on the spacecraft Express-AM8 that will be launched in Q3 2012. Earthly Orbit leased three C-band and two Ku-band transponders on the spacecraft. In total, the company will use more than 380 MHz of capacity on three RSCC's satellites.

"The new agreement with RSCC will enable the company to provide expanded services throughout the region and operate in the regions of the North and the South America offering connection between the regions via a satellite",- stated Neville Ford, Managing Director of Earthly Orbit. His company plans to focus on business development in EMEA (Europe, Middle East and Africa), as well as in the North and the South America. Earthly Orbit leased

150 MHz on the existing spacecrafts Express-AM44 and Express-AM22 and 228 MHz – on Express-AM8 scheduled for launch this year.

"Earthly Orbit is one of our largest customers, – said Yuri Prokhorov, General Director of RSCC. – The company successfully promotes RSCC in the international market by selling capacity of our satellite fleet and operating a number of transponders on the satellites providing coverage of the EMEA region.

In March 2012 RSCC signed a similar agreement with Romantis. The German company leased five transponders on Express AM8 and the terrestrial infrastructure of RSCC for the further expansion into the new markets – the countries of the South America. ❖

❖ SES-5 stayed at Baikonur

The launch of the Dutch spacecraft SES-5 scheduled for June 19 from the Baikonur Cosmodrome was postponed to July due to a malfunction of the launch vehicle Proton-M. The specialists registered an operating trouble in the control power unit of the launch vehicle's first stage when preparing it for launch.

SES-5 was produced by Space Systems /Loral for the global operator SES. SES-5 is designed for broadcasting, broadband communication and

VSAT networks in the countries of the Northern Europe, the Baltic States, and the Sub-Saharan Africa. The satellite will be placed in the geostationary orbit at 5 degrees East longitude. It has 36 transponders and two Ku-band beams, 24 transponders and two C-band beams. In addition, its construction provides the Ka-band satellite channel "Earth-board". The additional payload is an L-band system for the European Geostationary Navigation Overlay Service EGNOS. ❖

❖ RSCC on direct line with iDirect

RSCC signed an agreement with the U.S. manufacturer of satellite IP-based solutions iDirect, under which the latter is to launch production of user terminals on the territory of Russia.

Evgeniy Buydinov, Deputy Director General for innovative development of RSCC, told ComNews that the company cooperates with iDirect since 2009, and during this period VSAT networks using the capacity of four satellites were deployed, and the hubs were installed in the satellite communication centers of Dubna, Zheleznogorsk and Khabarovsk. The new agreement provides conditions development for production of user terminals in the Russian Federation under

the technology of iDirect. Partners hope that this will reduce the equipment cost and make services more accostable.

iDirect and RSCC also plan to cooperate in the field of interactive and multimedia services on the basis of the RSCC's satellites. Andrey Kirillovich, Sales Director in Russian and the CIS at iDirect, reports: "In short term we hope to expand our presence in the Russian market. Now iDirect has over 50 central stations in Russia. Among our clients, in addition to RSCC, are the Russian operators of fixed and mobile communications, and VSAT operators providing services to corporate and departmental networks". ❖

❖ FAS approved the union of MegaFon and Scartel

In mid-June, the Federal Antimonopoly Service (FAS) approved the deal on uniting 100% of Scartel and the controlling stake of MegaFon in the new holding company. The partners are only required to provide access to their future LTE networks for other companies over MVNO model, but only if it is technically possible and under non-discriminatory terms. In the near future the same requirements could be applied to Osnova Telecom and Rostelecom owning frequencies in another range suitable for LTE – 2.3-2.4 GHz.

However, despite FAS requirements, Russia's future LTE operators will probably not let operators deploy MVNOs on their 4G networks citing a lack of technical ability. This was told by Alexander Provotorov. President of Rostelecom, on the sidelines of the St. Petersburg International Economic Forum. "Any operator can easily prove that there is no technical possibility to connect to its network. As for Rostelecom, some of the networks allow to connect MVNOs and some don't, but no MVNO will be deployed on our LTE network in Moscow. I think, the same is with MegaFon", – said Alexander Provotorov. ❖

❖ Rostelecom prepares its own LTE tablet

The nation's largest operator Rostelecom, one of the main contenders for LTE frequencies, which will be distributed in July, plans to produce its own 4G tablet PC.

The production of Rostelecom LTE tablet is under consideration. Specifications and order volumes are not disclosed. It is only known that the device will be multi-standard to support 2G, 3G and 4G, and is likely to appear in 2013, when Rostelecom will launch its LTE network.

At the same time, Rostelecom refused to produce "the world's first multi-standard tablet with GLONASS support", presented in May 2011. The device with a 7-inch multitouch screen, Android 2.2 operating system and chipset Qualcomm MDM 6600 was intended to operate in CDMA network of Sky Link (the company still belongs to Svyazinvest, but in short term will be controlled by Rostelecom). ❖

❖ The duty on GPS devices remains 5%

The Eurasian Economic Commission refused to impose 25% import duty on the device with the American GPS, which do not support the domestic navigation system GLONASS. The members of EEC – Russia, Belarus and Kazakhstan have unanimously decided to keep the import duty at 5%.

Several years ago, when GLONASS devices become available, the Russian government offered to increase duties on GPS devices up to 25%. But in December 2011 at the ministerial conference of the World Trade Organization Russia got approval of the documents package on its accession to the WTO. In the list of tariff concessions of Russia the 5% duty on the navigation devices was fixed. The proposal to introduce a 25 percent duty – runs contrary to the obligations of Russia joining the WTO: the rate is higher than the agreement on the WTO.

According to NIS GLONASS, the global navigation market volume amounted to \$ 60-90 billion in 2011, while Russia's share is less than 1%. According to the largest mobile retailer Euroset, about 1.3 million navigators were sold in Russia last year. The function of navigation is also found in smart phones, last year about 7.5 million of such devices at an average price of \$ 390 (data of IDC) were imported. Last year, Russia imported about 900 thousand tablet computers, more than half of which also contains a GPS chip. In particular, GLONASS/GPS module appeared in the fourth version of iPhone and iPad 3. The raising taxes would deprive consumers of easy access to these devices. "GLONASS is expected to grow rapidly if the focus will be on consumer services development but not on the protectionist measures", – says Alexander Malis, President of Euroset. ❖

❖ To take English call

The quality of voice mobile communications in Moscow, was higher than in London, according to the tests conducted by Systemics-PAB. However, the British operators outrun Moscow in the average speed of Internet access and provide a lower probability of Internet sessions termination. The researchers measured the quality of communication networks of VimpelCom, MegaFon, and MTS in Moscow and 3, O2, Orange and Vodafone in London.

“The test results prove conclusively that the overall voice services quality of the Russian operators is at the level of foreign cellular market players and even surpasses it in some ways”,- said Pavel Biskupsky, General Director of Systemics-PAB. He noted that the leaders by

the main indicators of voice communication quality are MTS in Moscow and O2 in London.

Moscow has taken a leadership position in two of the three parameters of the voice data transmission: the unavailability of voice communication (1,65%) and the probability of termination call during a conversation (0,60%). London mobile operators show a more rapid activation of a voice call (4,19 seconds). The data rate is higher in Moscow (the average figure for the operators – 10.2 Mbit/s), but the average speed of Internet access is higher in London (3,0 Mbit/s). Moscow also shows the fastest time of Internet services access (the average for all operators is 3,17 seconds), but the probability of termination of Internet sessions in London is lower – 0,98%. ❖

❖ Summa is ready to compete for LTE frequencies

Summa Group of Companies will probably challenge the results of the competition for LTE frequencies, told reporters Vladimir Androsik, Head of Board of Directors at Summa Telecom. According to him, the competition is most likely to be won by four major operators – MTS, MegaFon, VimpelCom and Rostelecom. Androsik said: “We believe that the conditions do not correspond to the market and do not promote competition, they are written for specific operators”. The tender results will be announced on July 12.

The applications were proceeded by the operators of the Big Four, Summa Telecom, Transtelecom, as well as companies of Tele-2 holding.

Currently, Summa is presented in 11 Russian cities, including St. Petersburg, Nizhny Novgorod, Krasnodar, and a number of cities with a population of about 500 thousand people, where provides services of fixed broadband Internet access over FTTB technology. Summa serves about 200 thousand broadband subscribers, he added. Summa Group of Companies founded by Ziyavudin Magomedov, became known in the Russian telecom market in 2007 when it won the license for GSM in several regions of the Far East. The results of these contests were subsequently challenged by other operators and Summa’s licenses were canceled. ❖

International Conference

Professional & critical communication 2012

Professional corporate communications

Organizer:



Supported by:



Media Partners:



September 26-27, 2012

Holiday Inn Moscow
Sushevsky

Russia, Moscow,
Sushevsky Val, 74



Key topics of the Conference:

Professional mobile & critical communication market in Russia. Current state and prospects

The role and influence of the State on the PMR market as a service consumer

Production of PMR equipment in the Russian Federation

Use of GLONASS satellite navigation technologies in PCS for control and coordination.

Wireless broadband technologies and cognitive radio systems development for effective supply of social security and network in emergency situations.

Migration strategies from current analogue radio systems to semi-digital and fully-digital solutions

Offering PMR services to corporate and departmental clients in existing cellular networks

PMR, LTE and WiMax combining possibilities to guarantee the best communication solutions

Is it possible to replace TETRA with LTE? What are the obstacles?

Next generation situational centers

Modern cloud technologies for situational centers and control points

Interaction of network operators with unified alert and control services on the passage of calls to the unified number "112"

Construction and control of the distributed call centers

Municipal, regional and federal support of decision making information systems of special reaction

Network services organizations and offers to government and security structures at the Winter Olympics 2014 in Sochi.

Radio communication basic development trends for emergency operating services of fast response and public safety

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