

INTERNATIONAL TELECOMMUNICATION UNION

Radiocommunication Bureau



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To: ARM, AZE, BLR, EST, GEO, KAZ, KGZ,
LTU, LVA, MDA, RUS, TJK, TKM, UKR, UZB,
Regional Commonwealth in the Field of
Communications (RCC)

Subject: ITU Regional Seminar for RCC countries on Prospects for use of the Ka-band by satellite communication systems, Almaty, Kazakhstan, 5 - 7 September 2012

Dear Madam/Sir,

The International Telecommunication Union has pleasure in inviting you to participate in the ITU regional seminar on Prospects for use of the Ka-band by satellite communication systems, to be held in Almaty (Republic of Kazakhstan) from 5 to 7 September 2012, at the kind invitation of the Ministry of Transport and Communications of the Republic of Kazakhstan.

Background information and preliminary programme of the seminar as well as a list of invited speakers may be found in **Annex 1**. The success of any event organized by ITU depends to a large extent on the active participation of administrations in the discussion of the issues at hand. We are therefore seeking your support in providing a presentation on issues under discussion.

Should your administration wish to make a presentation, please contact Mr. V. Nozdrin (vadim.nozdrin@itu.int) at the Radiocommunication Bureau before 1 July 2012 in order to have your presentation included on the agenda for the seminar.

The seminar will be held in Russian and English.

Practical information concerning the seminar may be found in **Annex 2**.

Those wishing to participate in the seminar will need to complete the registration form contained in **Annex 3**. Completed forms (one for each participant from your administration) should be sent to the Ministry of Transport and Communications of the Republic of Kazakhstan by 24 August 2012.

The participants who are subject to the entry visa to Kazakhstan are required to fill the Visa support form in **Annex 4**. Visa support should be sent not later than 15 July 2012 to the contacts indicated in Annex 4.

A web page for seminar participants is to be found at: www.itu.int/ITU-R/go/ka-band-seminar-2012/en. All relevant information will be posted on this page as it is received, together with a detailed agenda and the texts of presentations.

Should you require further information regarding the seminar, please contact any of the following:

Radiocommunication
Bureau Coordinator

Vadim Nozdrin
Tel: +41 22 730 6016
vadim.nozdrin@itu.int

Ministry of Transport and
Communications of the Republic of
Kazakhstan

Rizat Nurshabekov
Tel: +7 (7172) 740 324
r.r.nurshabekov@mtc.gov.kz

Yours faithfully,

François Rancy
Director, Radiocommunication Bureau

Annex 1

Background paper

As both a follow-up to and continuation of the momentum created over the past three years on the efficient use of the spectrum/orbit resource, the ITU Radiocommunication Bureau is pleased to announce that a regional seminar will be held from 5 to 7 September 2012 in Almaty, Kazakhstan, at the kind invitation of the Administration of Kazakhstan, on "Prospects for use of the Ka-band by satellite communication systems".

Nowadays, access to the spectrum/orbit resource, a crucial asset for satellite companies and countries, is becoming more and more challenging. Struggle for this satellite spectrum asset is particularly intense for newcomers to the business, for smaller companies operating existing satellite services, and for anybody seeking to introduce new types of satellite application, particularly broadband applications.

In this regard, tremendous technological developments have taken place in both satellite technology and satellite applications in Ka-band frequencies, and current trends show an increased attraction to the development of satellite communication systems in Ka-band frequencies. This new-found attraction is due to the band being still relatively underused, making GSO coordination easier, but also to the availability of the well developed and advanced technology it requires. At the same time, the prosperity of the Ka-band satellite business and its specificity could be threatened by abuse of the regulatory regime for the purpose of gaining access to the spectrum/orbit resource in a manner that blocks the operation of real satellite networks.

The Almaty seminar will provide a unique opportunity to meet and share views with the world's leading experts from administrations, satellite operators and industry who will provide the latest information on their plans for the development of satellite networks in the Ka-band. Participants will also be able to share their national experience in the development of satellite networks (in terms of development of Ka-band satellite systems), and discuss the advantages and disadvantages of using this frequency range, possible ways to overcome the problems associated with the propagation conditions above 20 GHz, and frequency sharing including sharing with terrestrial services.

On the last day of the seminar, a more specific workshop will be organized to familiarize participants with the use of ITU BR software for evaluating coordination requirements and the submission of comments on Bureau publications.

Preliminary programme and confirmed speakers

Main topics:

- ITU's work in the area of space regulatory framework;
- Results of WRC-12 on satellite issues;
- Technical, economic and regulatory means of increasing the effectiveness of orbit/spectrum resource usage;
- Latest developments in satellite communications;
- Broadband satellite services and applications;
- Existing and future use of Ka-band by satellite systems;
- Regulatory, Commercial and Technical Challenges and Opportunities For Ka-band In RCC Countries;
- Ka-band satellites and services from operator's point of view;
- National experience in the development of satellite networks.

Confirmed speakers

Administration/ Company	Name/Title
Kazakhstan	Rizat Nurshabekov, Chairman, Committee for Communication and Informatization
	Viktor Lefter President, Republican center of satellite communications
	Zhumabek Zhantaev, President, National Center for Space Research and Technologies
	Daulet Ahmentov, Director, Institute for space technics and technologies
	Nurlan Saterov, Deputy Director, Institute for space technics and technologies
Radiocommunication Bureau	Yvon Henri, Chief, Space Services Department
	Vadim Nozdrin, Counselor, Study Group Department
Eutelsat	Ethan Lavan, Director of Orbital Resources
Russia	Viktor Strelets, Deputy Head of Department, Ministry of Communications
	Valery Butenko, NIIR, Director
	Evgeniy Buidinov, Russian Satellite Communications Company, Deputy Director General
	Igor Zheltonogov, Deputy Director General, Geysler-Telecom
	Andrey Kuropiatnikov, Morsviazspudnik, Director
	Victor Glushko, Deputy Director General, Geysler-Telecom
AvantiCom	Kumar Singarajah, Director, Regulatory Affairs & Business Development
Inmarsat	Y.Koulikova, Director Eastern Europe and CIS Regulatory Affairs, Global Xpress Programme
Asiasat	Jorn Christensen, Consultant

Thaicom	Mr Ekachai PHAKDURONG, Vice President - Business Relation & Thaicom Services
Astrium	Jean Claude Domien, Director Regulatory matters
Arabsat	Engr. Ahmad S. K. Al-Shraidh Director, Technical Planning & Developments

Should your administration wish to make a presentation on any of the above topics, please contact Mr V. Nozdrin (vadim.nozdrin@itu.int) at the Radiocommunication Bureau by 1 July 2012 to have your presentation included on the agenda for the seminar. The presentation itself, preferably in both Russian and English, must be submitted to ITU not later than 15 August 2012.

Annex 2

Practical information concerning the seminar

1 Venue

The seminar is to be held at the Hotel Alatau, Almaty

Address: Hotel Alatau, Almaty, Kazakhstan

Website: <http://www.alatau-spa.kz>

Tel.: +7 727 254 9697 / +7 727 254 9737

Fax: + 7 727 254 9681

2 Registration

A completed registration form should be sent, not later than 24 August 2012, to the Committee for Communication and Informatization of Ministry of Transport and Communications of the Republic of Kazakhstan at the following address:

Committee for Communication and Informatization

of Ministry of Transport and Communications

010000, Astana, Orynbor street, No. 8

Republic of Kazakhstan

e-mail: mtc@mtc.gov.kz

Tel.: + 7 717 274 0324; +7 717 274 0364

Fax: +7 717 274 0364

3 Accommodation – Hotel Alatau

Type of room	Daily rate* in United States dollars
Single room	130
Double room	96/192
One-room suite	240
Two-room suite	274

* The rate shown is per person for a single room and for dual occupancy in a double room!
A buffet-style breakfast and VAT are included in the room rate.

4 Arrival

Almaty International Airport

Delegates will be met at the airport upon arrival

Please provide us with advance information about delegate arrivals

5 Monetary unit of the Republic of Kazakhstan

The monetary unit is the "Tenge"

Exchange rate at 1 May 2012:	1 Russian rouble	~ 4.95 tenge
	1 United States dollar	~ 145.5 tenge
	1 euro	~ 192.67 tenge

6 Local time with respect to Greenwich Mean Time

+6 hours

7 Mains voltage

220 V

8 Weather

The average air temperature in Almaty in September ranges from +18 to + 22°C. The weather in September is for the most part sunny and warm.

9 Requirements for entry to the territory of Republic of Kazakhstan and information concerning entry visa issue

Kazakhstan has bilateral agreements on visa-free exchange between Azerbaijan, Armenia, Belarus, Georgia, Kyrgyzstan, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine and Uzbekistan.

Participants of other countries who are subject to the entry visa to Kazakhstan are required to contact well in advance the Kazakh Embassy/Consulate in the country of their residence where they could obtain all the necessary information.

The visas are issued to the foreign citizens by the Diplomatic or Consular Missions of Republic of Kazakhstan abroad in accordance with the letter of visa support (authorization from the Ministry of Foreign Affairs of Kazakhstan).

The participants who are subject to the entry visa to Kazakhstan are required to fill the Visa Support Form (Annex 4) and to send it not later than 15 July 2012 to the national coordinator of the Seminar, Ms. Gulnara Bukeeva (g.s.bukeeva@mtc.gov.kz ; bgul-63@mail.ru).

10 Local contact persons

Ministry of Transport and Communications of the Republic of Kazakhstan

Ms Gulnara Sembekovna BUKEEVA

Tel.: + 7 171 274 0143

Fax: + 7 717 274 1058

E-mail: g.s.bukeeva@mtc.gov.kz

Ms Umitzhan Arykbekova

Tel.: + 7 717 274 03 55, 7 717 274 1021

Fax: + 7 717 274 1058

E-mail: u.sh.arykbekova@mtc.gov.kz



Annex 3



РЕГИОНАЛЬНЫЙ СЕМИНАР «ПЕРСПЕКТИВЫ ИСПОЛЬЗОВАНИЯ КА-ДИАПАЗОНА ЧАСТОТ СПУТНИКОВЫМИ СИСТЕМАМИ РАДИОСВЯЗИ»
REGIONAL SEMINAR ON PROSPECTS FOR USE OF THE KA-BAND BY SATELLITE COMMUNICATION SYSTEMS

(Алматы, Республика Казахстан, 5-7 сентября 2012)
(Almaty, Republic of Kazakhstan, 5 – 7 September 2012)

Registration Form/Регистрационная форма
(ЗАГЛАВНЫЕ БУКВЫ/CAPITAL LETTERS)

1. Mr. Mrs. Miss _____	(family name)/(ф а м и л и я)	_____	(first name/ИМЯ)
2. Accompanied by (Family Member) Сопровождающее лицо	_____		
3. Country Страна	_____		

4. Representation/Представитель

Name of the Administration and/or Organization _____
 Название Администрации или организации _____

5. Official address Адрес	_____		

TEL/ТЛФ:

FAX/ФАКС:

E-MAIL:

6. HOTEL RESERVATION/РЕЗЕРВАЦИЯ ГОСТИНИЦЫ

Single room Одноместный номер		Double room Двухместный номер		Lux one room Однокомнатный люкс		Lux two rooms Двухкомнатный люкс	
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Airport transfer required Требуется доставка из аэропорта	YES/NO ДА/НЕТ
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7. Date of Arrival Время прилета		FLIGHT NO. № рейса		TIME OF ARRIVAL Время вылета		FLIGHT NO. № рейса	
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Date/Дата: _____	Signature/Подпись: _____
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To be returned duly completed to (one form per participant) before 24 August 2012 to:
 Форма должна быть заполнена полностью (одна форма на каждого участника) и отправлена до 24 августа 2012:

Умитжан Арыкбекова Букеева Гульнара Сембековна	Umitzhan Arykbekova Gulnara Bukeeva
Факс/Fax + 7 717 2 74 10 58, Тлф/Tel. + 7 717 2 74 03 55, 7 717 2 74 01 43 u.sh.arykbekova@mtc.gov.kz g.s.bukeeva@mtc.gov.kz	

Annex 4

Visa support form

1. Surname, name	
2. Sex	
3. Date & place of birth	
4. Citizenship	
5. Nationality	
6. Passport No	
Date of issue of passport	
Passport date of expire	
7. Place of work & position	
8. Home address	
9. Place of visa issue	
10. Period of stay	
11. Order of visa	
12. The aim of the visit	
13. Type of entry – exit transport (flight number)	
14. Route of move & places of the sits in Republic of Kazakhstan	

Completed visa support form should be sent not later than 15 July 2012 to the national coordinator of the Seminar, Ms. Gulnara Bukeeva (g.s.bukeeva@mtc.gov.kz ; bgul-63@mail.ru).