



# Opportunities for Africa



Operations Committee of Intersputnik & RSCC webinar 28.05.2020



# National Satellite and Space Communications Projects Support

МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ  
КОСМИЧЕСКОЙ СВЯЗИ

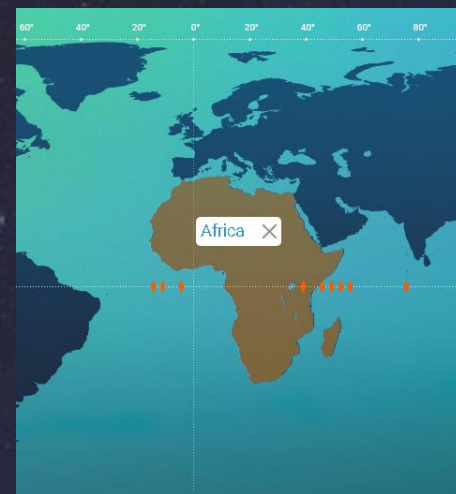
Available capacity on satellites of Intersputnik country-members operators with appropriate coverage for each request and potential project in Africa including: Express-AM8 @ 14W; Express-AM6 @ 53E; Azerspace-1 @ 46E; Belintersat-1 @ 51E...

Joint use of Intersputnik existing spectrum rights at Geostationary Orbit

Supporting development of national spectrum rights: consultations, training, assistance in preparation of ITU filings and subsequent international coordination

Bringing into use and gapfiller satellite services to ensure compliance with ITU regulations and timely commencement of service

New generation digital low-cost satellites optimized for national systems





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# PROGRAM FOR THE DEVELOPMENT OF BUSINESS IN THE FIELD OF SPACE COMMUNICATIONS IN THE MEMBER COUNTRIES OF THE ORGANIZATION

## Program Investment Fund and Provision of Financing:

Purpose of the Fund	▪ <b>inexpensive outside financing</b> for the development of <u>business in the field of space communications</u>
Amount of the Fund	up to <b>US\$ 4,500,000.00</b> annually
Amount of Financing	up to <b>US\$ 750,000.00</b> <u>per project</u>
Periodicity	one tender at least <b>once a year</b> , generally not more often than twice a year
Ways of Financing	as a <b>loan</b> for a period of up to five years or in the form of holding of <b>shares</b> in the authorized capital

All guidelines and templates are available at <http://intersputnik.com/development-program/>



# OpenTeleport

www.openteleport.com

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## TELEPORT SERVICES

Lookup **Teleports** and **Earth Stations** using the Teleport Service section.

29 Earth Stations **already registered** and **offering their services** in 8 countries.

Create **user account now** for optimal interaction with the platform.

Display your own **teleport** through your user account and offer your services to the rest of the world.

Almost **1000** visitors in 2020.

Open TELEPORT  
TELEPORT SERVICES USED EQUIPMENT NEW EQUIPMENT NEWS ABOUT REQUEST SERVICES RU

Search

FREQ BAND DISH SIZE POLARIZATION ORBITAL ARC [SLOT] SERVICES +1 Clear all

Found 29 stations

- 9.2m Ka-Band TUR Konya**  
38.14 N - 32.48 E
  - Ka-Band
  - circular
  - Konya
- 13m C-Band LAO Vientiane**  
17.87 N - 102.68 E
  - C-Band
  - linear
  - Vientiane
- 6.5m Ku-Band SOM Megadishu**  
2.02 N - 45.32 E
  - Ku-Band
  - linear
  - Mogadishu

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Open TELEPORT  
TELEPORT SERVICES USED EQUIPMENT NEW EQUIPMENT NEWS ABOUT REQUEST SERVICES RU

### 2 Technical parameters

GENERAL TX RX SERVICES DOCUMENTS

**Manufacturer**  
Enter manufacturer

**Model name**  
Enter model name

**Frequency band**  
Choose from list

**Effective diameter [m]**  
Enter effective diameter

**Number of antenna ports**  
Choose from list

**Visible ark**  
From: 0 To: 0  
Add

**Polarization types**  
 Linear  Circular  
 Vertical  Left  
 Horizontal  Right

**Portability**  
Choose from list

**Status**  
Choose from list

**Satellite**  
Choose from list

**Antenna pattern**  
Enter antenna pattern

**Antenna Mispointing Loss [dB]**  
Enter Antenna Mispointing Loss

**Tx Freq. Low/High [MHz]**  
From: 0 To: 0

**Rx Freq. Low/High [MHz]**  
From: 0 To: 0

Receive only  Radome

Remote access  auto  Manual

Motorized  De-icing

Next step Upload Download

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## REQUEST SERVICES

Request **Services** in any desired region.

Set **request capacity** tag to gain access to orbital frequency resource of various satellite networks.

Leave your **contact information** so the OpenTeleport team can come back to you as soon as possible.

Upon processing of your request, **receive best offer** from OpenTeleport team with subsequent support in testing and access to service establishment.

The screenshot shows the 'Request Services' form on the OpenTeleport website. The 'Data Services' checkbox is checked. The form is divided into 'Carrier parameters' and 'Earth station parameters'. Under 'Carrier parameters', there are fields for 'Information Rate (Forward channel), kbps', 'Information Rate (Return channel), kbps', 'Satellite' (a dropdown menu), 'Technology (modems, if known)', and 'CCT (C-in-C), possible or not' with a 'yes/no' radio button. Under 'Earth station parameters', there are two columns for 'EARTH STATION A:' and 'EARTH STATION B:'. Each column has fields for 'Antenna Size (if known), m', 'HPA Max Power (if known), W', and 'Latitude, deg' and 'Longitude, deg' (with directional indicators N/S and E/W). There are 'Set Location' buttons for each station.

The screenshot shows the 'Request Services' form on the OpenTeleport website, specifically the 'Satellite Monitoring' section. The 'Satellite Monitoring' checkbox is checked. Above it are several unchecked checkboxes for 'Data Services', 'VSAT', 'Mobility', 'VNO', and 'TTNC'. Below the 'Satellite Monitoring' checkbox is a 'Detailed description' text area. At the bottom, there are three input fields for 'Company name', 'Your name', and 'Your e-mail address'. There are two buttons: a blue 'Request' button and a 'Request capacity' button with a checked checkbox.



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## NEW/USED EQUIPMENT

Lookup and display **New** and **Used** Satellite equipment for sale.

Look at the newest addition to the new equipment section, the **I2020IS SCPC Satellite Modem**.

Leave a **request** so the vendor may come back to you with a pricing offer.

Monitor your **requests** and **favorite** pieces of equipment through your user account.

The screenshot shows the product page for the I2020IS Satellite Modem. The page includes a search bar, navigation menu, and product details. The product is listed as "I2020IS Satellite Modem" with part number 55.750244 37.618423. Key features include a symbol rate of 128-25000 by 1 sym/sec, modulation types (QPSK, BPSK, 16APSK, 32APSK), and Tandem stream technology. A technical parameters table is provided below the product image.

Technical parameters	
Topology	Point-to-Point
SCPC channel	DVB-S2, short/normal frame, CCM
Symbol rate, ksym/sec	128 - 25000, by step 1 sym/sec
Relative symbol frequency offset	30+-5
Relative instability of the reference frequency	30+-8
Carrier lock range, kHz	± 0.2 x Symbol rate, not less than 20
Output signal level, dBm	-89,75...-0, by 0,25 step

The screenshot shows the product page for the NJRC NJT518F 8W Ku-Band BUC. The product is listed as "NJRC NJT518F 8W Ku-Band BUC" with part number 85.7522200 37.6155600. Key features include an RF output frequency of 14.0-14.5 GHz, output power of 8W, and an input connector of F-Type Female. A list of features is provided below the product image.

- RF Output Frequency: 14.0 - 14.5 GHz
- Output Power (BUP14): 8W (+39 dBm min.)
- IF Frequency: 950 - 1400 MHz
- Input Connector: F-Type Female
- Output Interface: WR-75 Waveguide Flange (with Groove)
- Power Requirement: +24VDC / +48VDC (-18 to +60 VDC)
- Power Consumption: 79W typical
- Weight: 3.2 kg (7.0 lbs)



# Contacts

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