

NATIONAL SYSTEM OF SATELLITE COMMUNICATION AND BROADCAST OF THE REPUBLIC BELARUS



GET YOUR PLACE IN THE SPACE

The BELINTERSAT program

BELINTERSAT-1
Launch in 2015

51.5E

BELINTERSAT-2
Launch in 2016-2017

64.4E

50

53

56

59

62

65

The BELINTERSAT-1 Project

Contract for BELINTERSAT-1 project was signed in August 2012.

Start of the BELINTERSAT-1 project was in January 2013.

Start of construction of the BELINTERSAT-1 satellite was in July 2013.

Main goals:

- Deployment and operation of the satellite network, in addition to existing communication networks in the Republic, implementation of advanced communication technologies for communication needs of governmental and private Belarusian companies;
- Offering Distributing communication, DTH Broadcasting and VSAT services for customers in all our service areas

General information about the BELINTERSAT-1 satellite

Characteristics	Description
Satellite name	BELINTERSAT-1
Orbital position	51.5E
Tolerance	$\pm 0.05^\circ$
Launch date and place	2015, Xichang (PRC)
Payload	C-band: 20 x 36 MHz, CL/CR Ku-band: 14 x 36 MHz, 4 x 54 MHz, V/H
Service area	Europe, Africa, Asia
Platform/Contractor	DFH-4/China Great Wall Industry Corporation
Ground control station	Close to Minsk, Belarus
Power	10150 W
Service lifetime	15 years

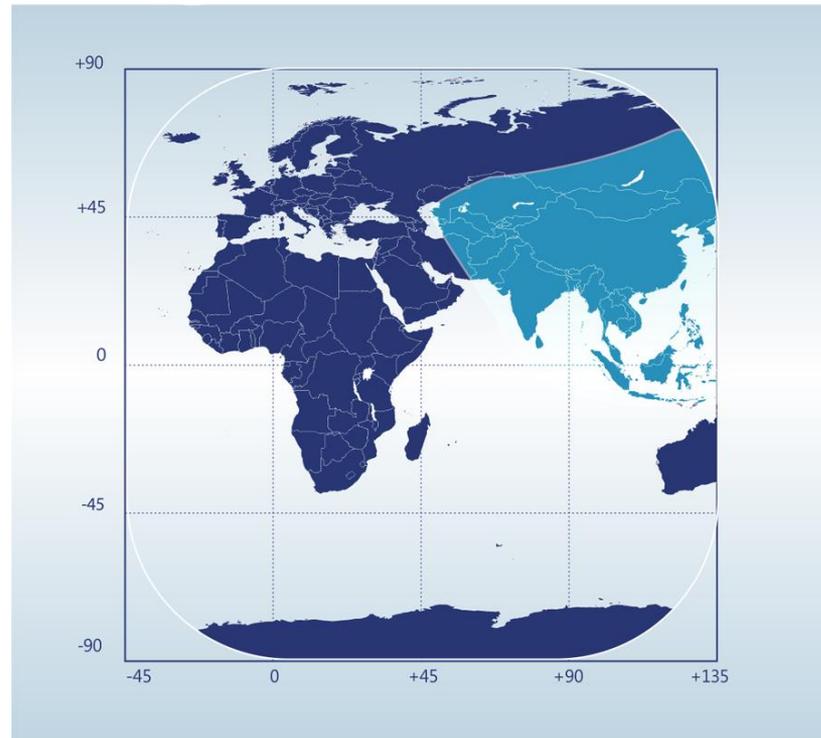
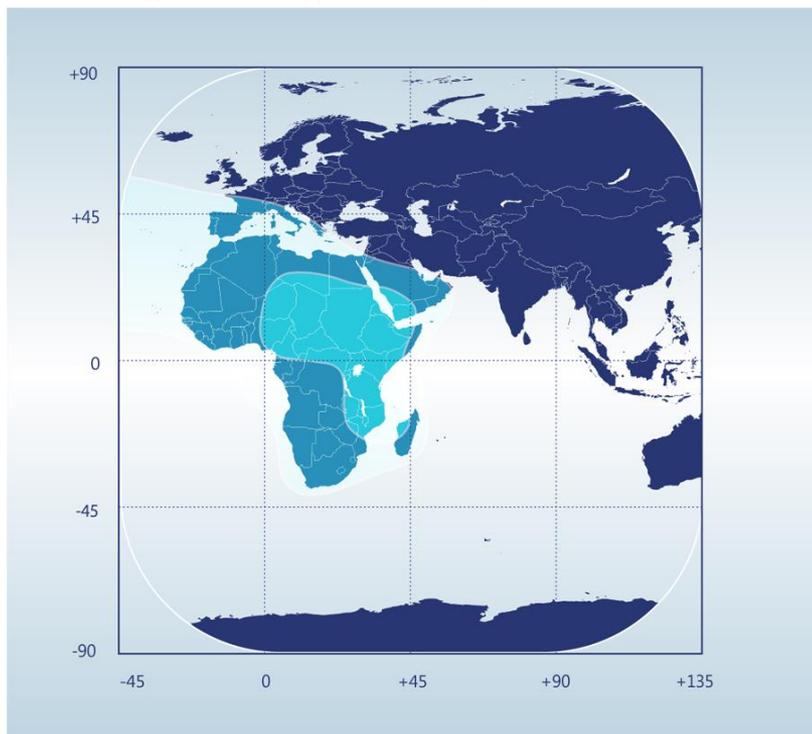
Payload of BELINTERSAT-1

Beams	Transponders	Band	Bandwidth	Polarization
African beam	up to 16*	C-	36 MHz	CL/CR
Eastern beam	up to 12*	C-	36 MHz	CL/CR
Global beam	up to 6*	C-	36 MHz	CL/CR
Central-African beam	12	Ku-	36 MHz	V/H
European beam	4+2	Ku-	54+36 MHz	V/H

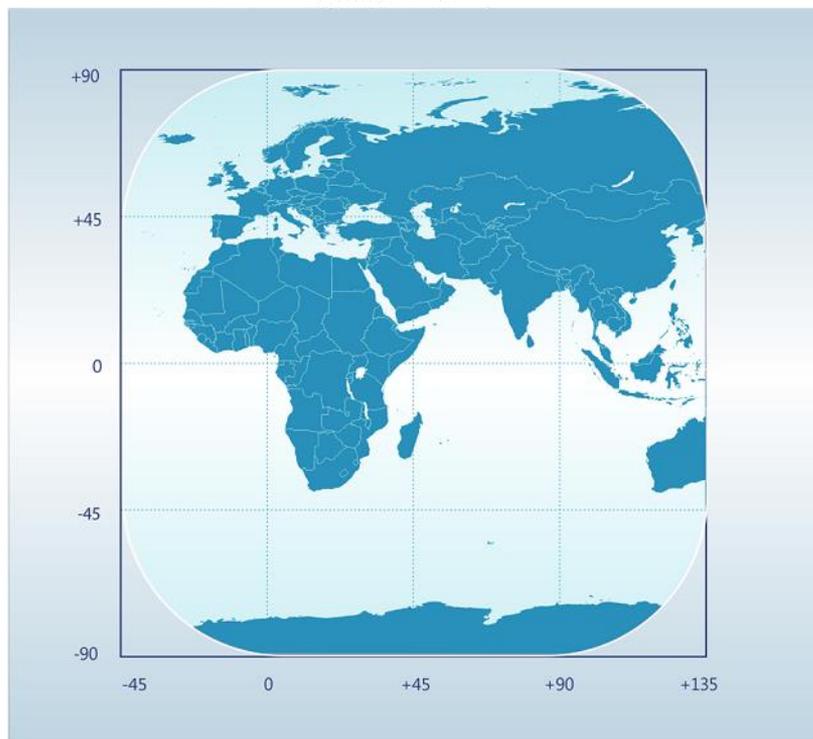
* Switch option between beams

C-band. African beam

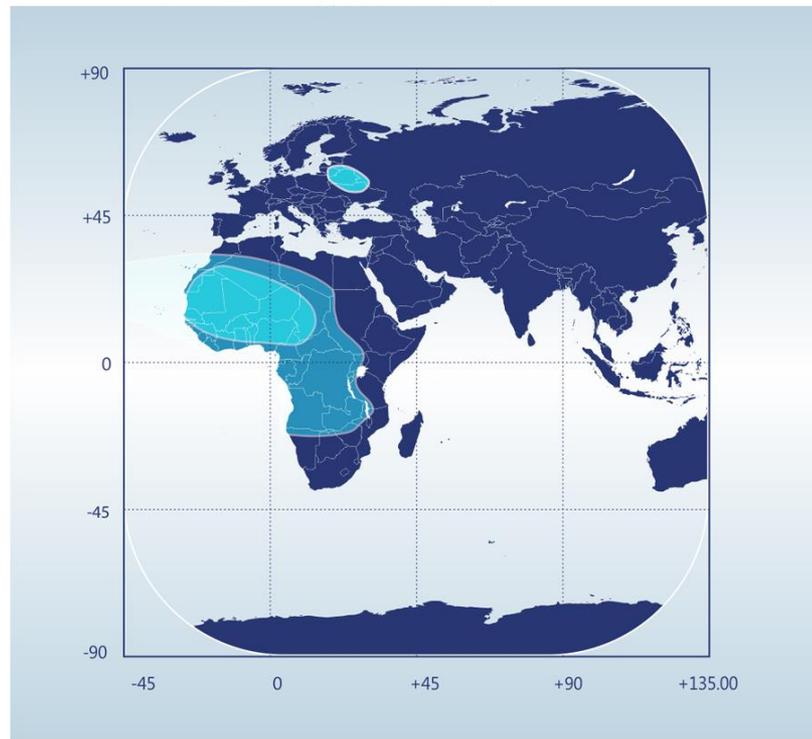
C-band. Eastern Beam



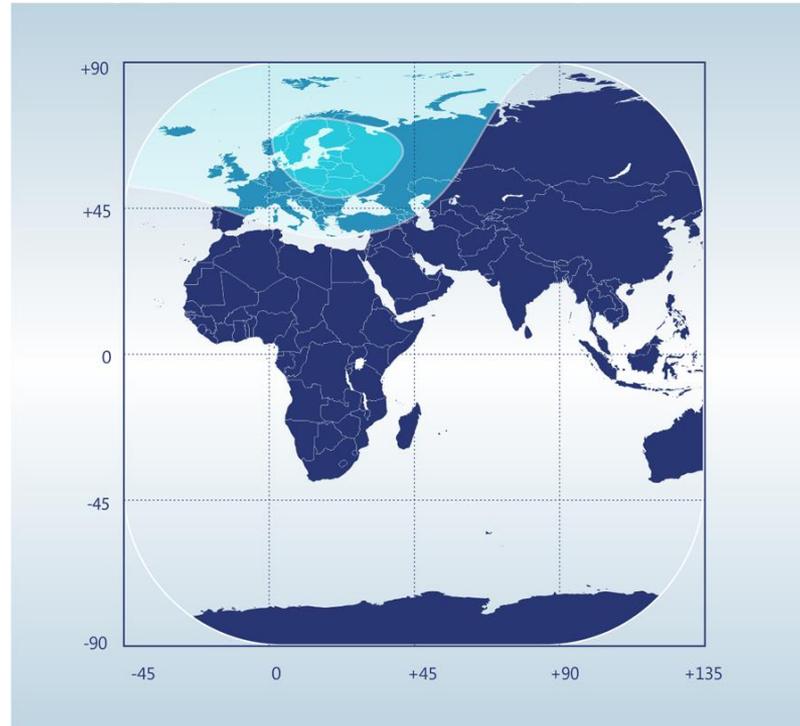
C-band. Global Beam



Ku-band. African beam



Ku-band. European beam





THANK YOU FOR ATTENTION !

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