



Welcome Message to the participants of the International Exhibition Navitech 2021

Dear friends,

Let me, on behalf of the State Space Corporation ROSCOSMOS, welcome the participants in the 14th edition of the International Navigation Forum and the Navitech 2021 International Exhibition.

This year, the key theme of the Forum and the main section of the Exhibition is the Sphere programme for the integrated development of space information technologies (hereinafter referred to as the Sphere programme).

The Sphere programme is a unique Russian infrastructure project in the field of applied cosmonautics. It will become the basis for technological and innovative development not only for the rocket and space industry of the Russian Federation, but will also set the vector for the country's economic development due to the multiplier effect of its implementation. Thanks to Sphere, Russia will have a modern and competitive satellite communications and monitoring infrastructure. Implementation of the programme will allow our country to reach the leading positions in the world in communications, navigation, meteorology, TV and radio broadcasting, and remote sensing, as well as ensure the demand for new subscriber equipment and launch services in the domestic market.

In terms of its content and functionality, the Sphere programme surpasses all satellite systems previously created in our country. For the first time we will be able to integrate communication, positioning and monitoring services. We are making services available to everyone and creating new competitive products not only for our country, but also for the international circulation.

The system-forming projects in the Sphere programme are the Express and Yamal geostationary space communication and broadcasting systems, Express-RV – a new constellation of satellites in high-elliptical orbit to develop the Arctic and Northern Sea Route, the IoT Marathon multi-satellite low-earth-orbit data transmission system, the Skif medium-orbit broadband internet access system, and the Earth remote sensing orbital constellation with optical-electronic and radar vehicles.

I am confident that the Forum and Exhibition will once again become a starting point for implementing new ambitious plans and will contribute to strengthening mutually beneficial cooperation and business relations for developing the Sphere programme and other promising programmes and projects.

I wish all participants of the 14th International Navigation Forum and Navitech 2021 International Exhibition fruitful contacts and creative success in the implementation of new projects!

Dmitry Rogozin
Director General
State Space Corporation
ROSCOSMOS

A stylized, handwritten signature in blue ink, consisting of several fluid, overlapping strokes that form a recognizable name.