# Sea ice monitoring of the Northern Sea Route using satellite radar technology

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#### Northern Sea Route

the shortest waterway between the European part of Russia and the Far East





# Reliable Information about the Ice Conditions



### Remote Sensing

# optical-electronic systems

- shooting in the visible and infrared wavelength electromagnetic waves

#### radar systems

- shooting in the centimeter radio band

### Radar Imagery

- radio-waves penetrate through clouds
- radar images are weather and cloud independent



## Thank you for attention