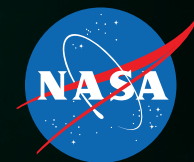


# NEAR SPACE NETWORK

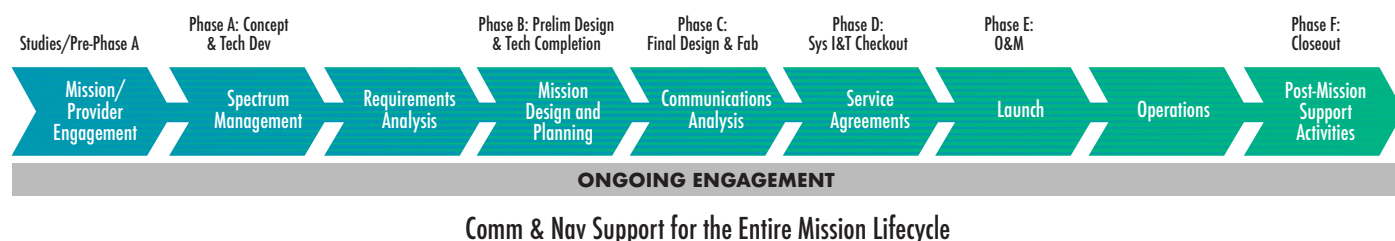
National Aeronautics and  
Space Administration



NASA's Near Space Network (NSN) empowers user missions with critical communications and navigation services, enabling the transmission of science and exploration data from space to Earth. As a single point of contact for missions in the near-space region, the NSN provides users with a robust blend of government and commercial services throughout their entire mission lifecycle.

The network leverages a broad spectrum of government and commercial capabilities and services, negotiating with providers on behalf of all user missions to lower the costs of mission services. Users can confidently rely on the proficiency and expertise of NASA's Goddard Space Flight Center, which has a 60-year legacy of excellence in managing NASA communications services.

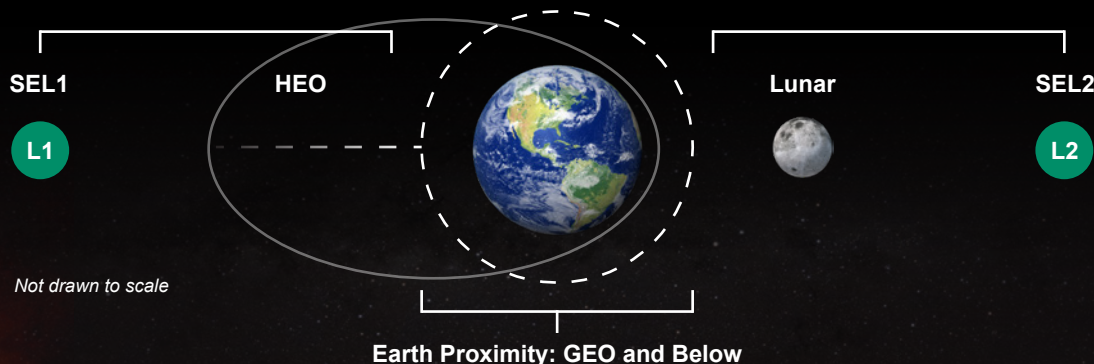
## SERVICES PROVIDED



## OUR REGIME

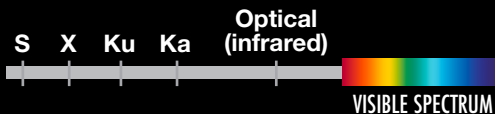
**Near Space:** the spherical volume of space from the Earth's surface to an altitude of 2,000,000 kilometers

**Earth Proximity Region:** a subset of near space; the spherical volume of space from Earth's surface to GEO (36,000 km) and the initial focus of service commercialization



FY 2025  
PROJECTIONS

74  
CUSTOMER  
MISSIONS

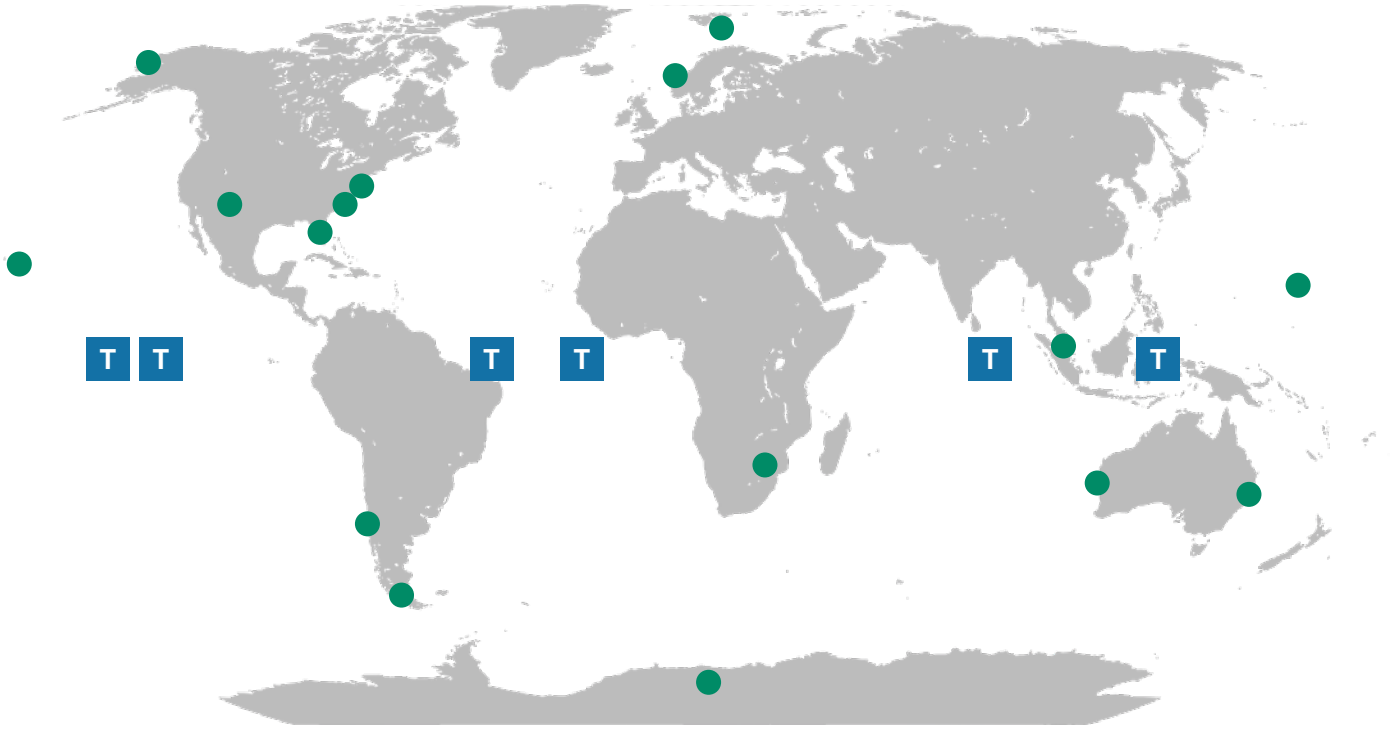


FREQUENCY BANDS

DATA  
RATES

UP TO  
3.5  
GBPS

## NETWORK MAP



### Current Near Space Network Resources

- Direct-to-Earth Ground Stations
- Tracking and Data Relay Satellite (TDRS) Constellation

## WORK WITH US

### FOR CUSTOMER MISSIONS

Engage with us as soon as possible! We establish communications and navigation service concepts, designs, and interfaces, setting your mission on the path toward success. To begin, please fill out our service inquiry form:

<https://go.nasa.gov/NSNServiceInquiry>

For operational and prelaunch missions, subject matter experts have not changed with the establishment of the Near Space Network. Services for missions currently in operations will continue as planned. Over time, the Near Space Network will collaborate to transition interfaces, ensuring seamless integration and operations support.



### FOR PROVIDERS

If you would like to be considered by the Near Space Network as a potential commercial services provider, please contact:

[nasa-nearspacenet@nasa.gov](mailto:nasa-nearspacenet@nasa.gov)