



TERRAN ORBITAL™



**GROUND  
STATIONS**

# GROUND STATION SERVICES

Terran Orbital owns and operates six ground stations to communicate with and receive satellite data in all orbital realms. This includes stations spanning all latitudes, as high north as Bardufoss, Norway, and as far south as Peterborough, Australia, allowing for frequent visibility of satellites in polar orbit and beyond.

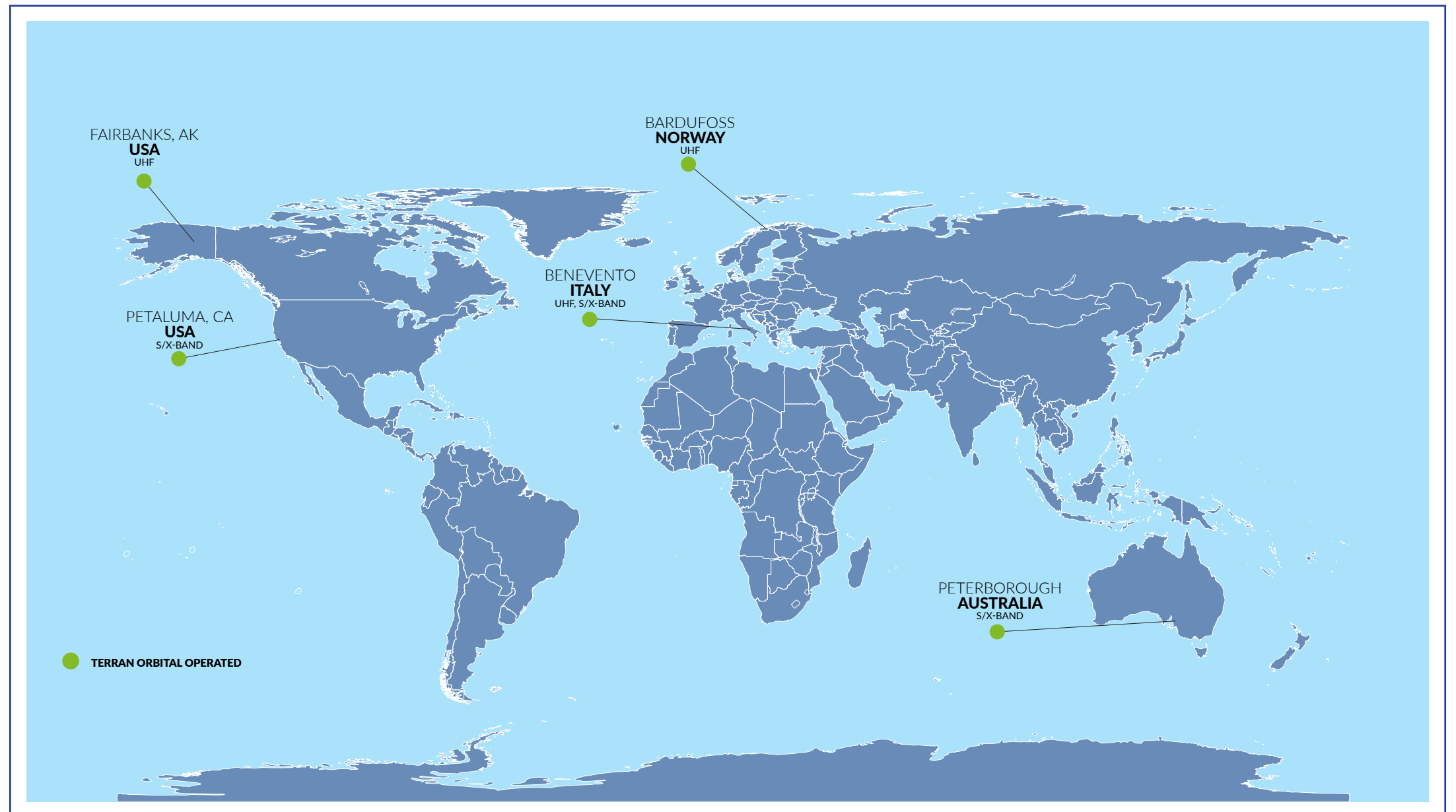
The Terran Orbital-owned stations consist of both high gain UHF antennas and 3.7 m three-axis servo stabilized tracking antennas with both S-band transmit and receive and X-band receive capabilities. The ground network utilizes in-house-built station control and antenna time scheduling software and is operated by a skilled staff on-site at our Mission Operations Center in Irvine, California. Partner stations expand our network with additional UHF, S/X-Band, and Ka-Band capabilities.

## TERRAN ORBITAL S/X-BAND STATION SPECIFICATIONS

Type	Prime focus
Diameter	3.7 m
Frequency TX	2025-2110 MHz (S-Band)
Frequency RX	2200-2300 MHz (S-Band) 8000-8400 MHz (X-Band)
G/T	S-Band 12.5 X-Band 25.5
Polarization	Selectable RHCP/ LHCP

## TERRAN ORBITAL UHF STATION SPECIFICATIONS

Gain	22.3 dBi @ 400MHz
Frequency Ranges	399-405MHz



Map of worldwide ground stations Terran Orbital



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