



Viasat[™]
+Inmarsat

GX10A & 10B

COVERAGE

ABOVE 65° NORTH

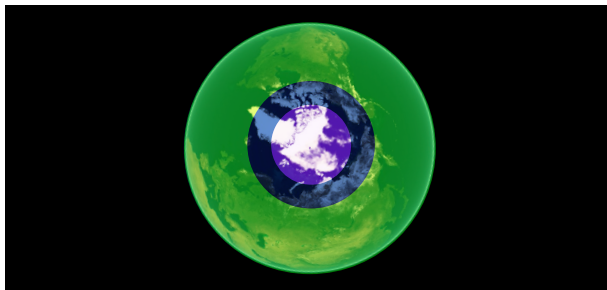
THE WORLD'S FIRST AND ONLY MOBILE WIDEBAND PAYLOAD OVER THE ARCTIC*

Two satellites carrying the Global Xpress (GX) payloads will be placed in Highly Elliptical Orbits (HEO), ensuring continuous coverage over the Arctic region and seamless integration into the existing and planned GX network.



*Anticipated launch in 2024

GX10A & 10B ANTICIPATED COVERAGE



■ GX1-9 75S-75N ■ GX1-10B 65N-75N ■ GX10A/b 75N-90N

GX10A & 10B GLOBAL SERVICE BEAM (GSB) COMMERCIAL KA-BAND SERVICE

- High gain Ka-band antenna covers the entirety of the region above 65° N
- Managed commercial Ka-band service with committed information rates (CSI)—SATCOM as a Service
- Fully integrated into the GX global network

GX10A & 10B STEERABLE BEAMS

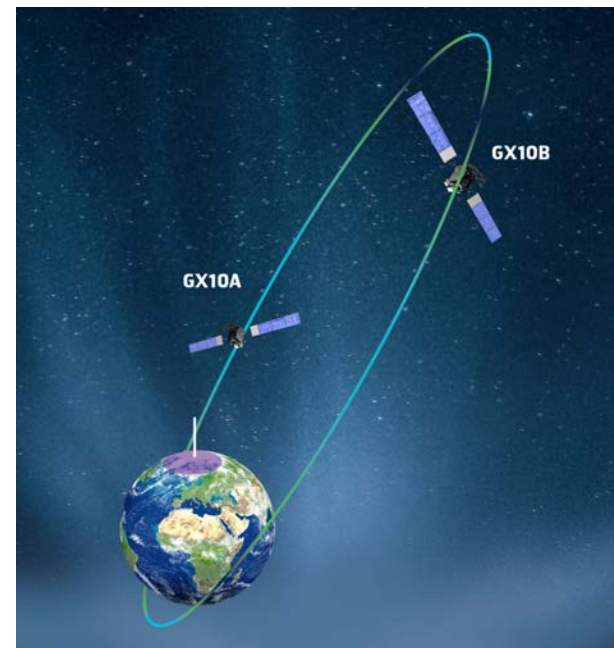
- Two commercial and military Ka-band steerable beams
- 80MHz downlink to user (forward link from Satellite Access Station (SAS))
- 160MHz uplink from user (return link to SAS)
- Steerable across the satellite field of view
- Switchable polarization on steerable beams
- High Capacity Cross-Strap (HCX) connectivity with SAS
- Up to 40MHz transponder bandwidth for loopback within a beam or mesh between beams
- Secure commanding of steerable beams to protect pointing information

GX10A & 10B SAS

- Redundant SAS facilities anchor services in Norway
- Managed hosted facilities at each SAS, as well as terrestrial connectivity to Meet Me Points

ABOUT GLOBAL XPRESS

GX is the world's first and only, globally available, seamless mobile wideband service. In operation since 2014, GX has established itself as the gold standard for reliable communications across land, air and sea for assured mobile connectivity and interoperability with government satellite systems.



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