

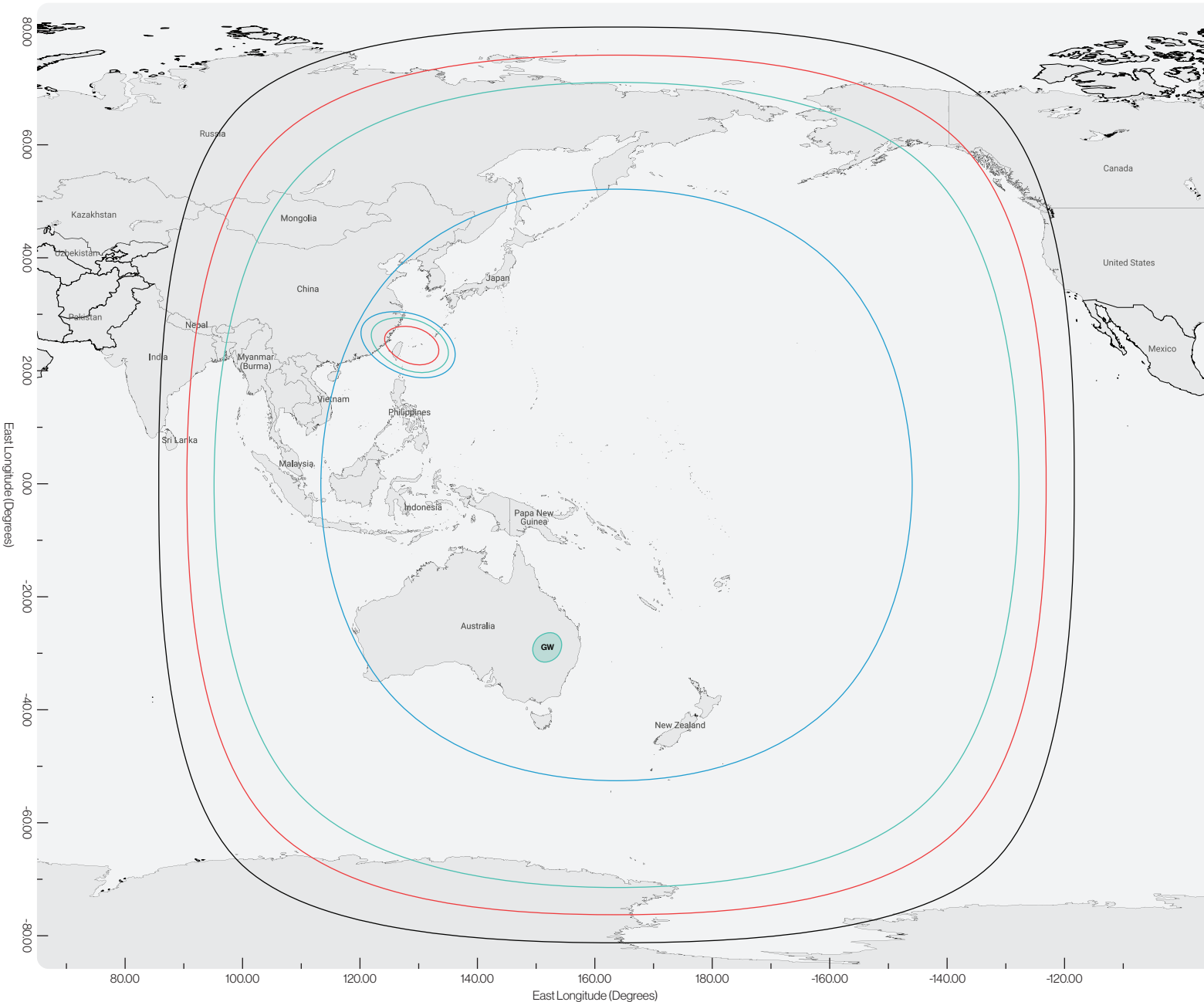
An opportunity to secure a high throughput steerable beam, in Civ or MilKa.

AVANTI'S ASIA-PACIFIC HTS STEERABLE BEAM



Avanti's High Throughput Ka-band satellite, Hylas 2, will be operating in Asia Pacific from Q1 2026 through to 2032+.

- A single high throughput Ka-band steerable beam.
- Able to operate in Civilian and Military frequencies.
- Fully steerable by the customer or end user using a secure API.
- Automated beam steering able to track moving platforms at Mach 1.0+
- Geographically diverse 9.2m Gateways in Eastern Australia.
- Very high capacity – 900MHz beam.
- Very high throughput – optimised for SATCOM on the Move (> 300/50Mbps)
- Steerable reach from San Francisco to Sri Lanka.



**MORE
INFORMATION?**

To know more about what Avanti can offer,
please contact:

Defence Team
Defence@avanti.space

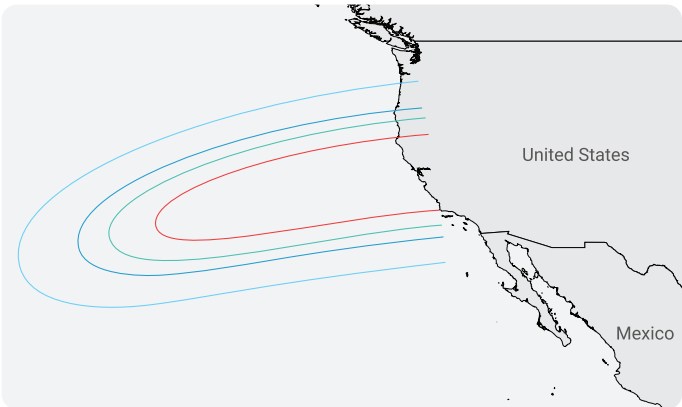
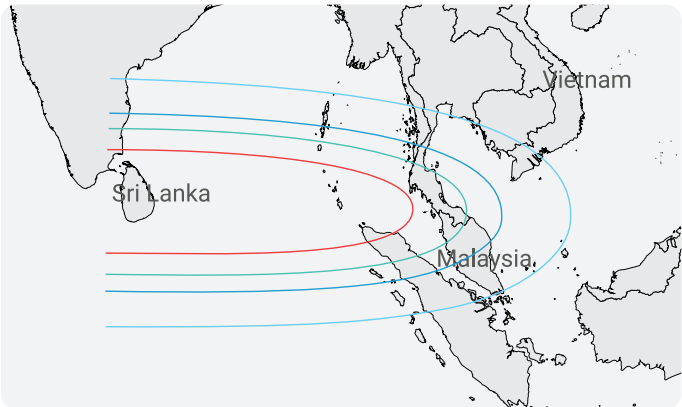
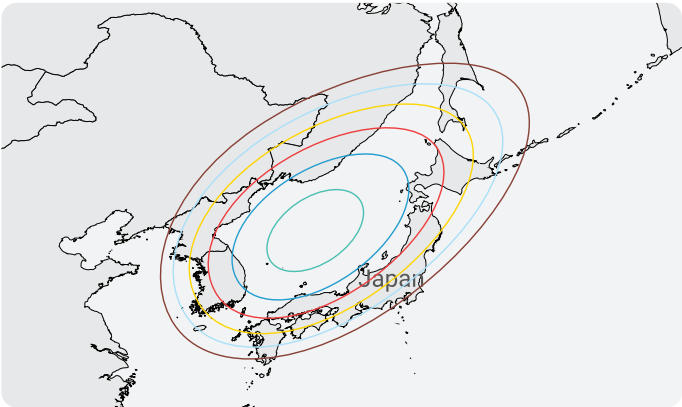
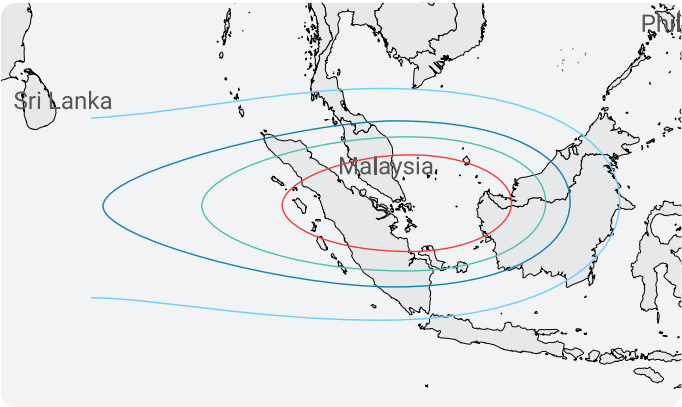
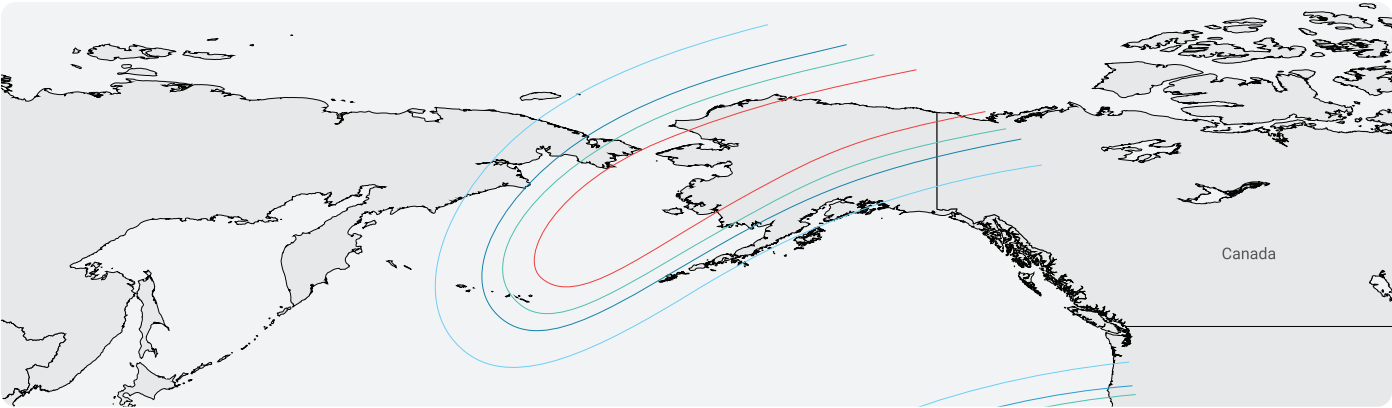


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Be More.

STEERABLE BEAM FOOTPRINTS

- Flexibility to point the beams anywhere on the visible earth.
- Real time, automated tracking to follow high value customer platforms.
- Traffic lands in Avanti data-centre at Gateway Earth Station in Eastern Australia.
- Blank canvas GES allowing widest flexibility of customer hub infrastructure.



FREQUENCY RANGE OF OPERATIONS	
Ka-band Non-civilian	30.0 - 31.0 GHz 20.2 - 21.2 GHz
Ka-band civilian	28.0 - 30.0 GHz 17.7 - 19.7 GHz
Bandwidth in Forward	2 x 230 MHz channels
Bandwidth in Return	2 x 220 MHz channels