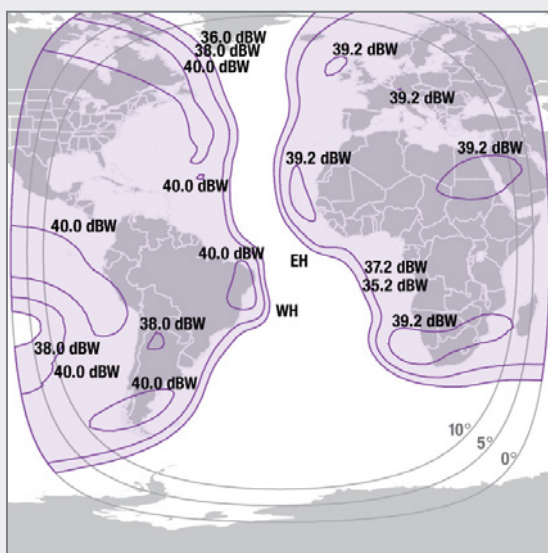


Intelsat 901 at 332.5°E

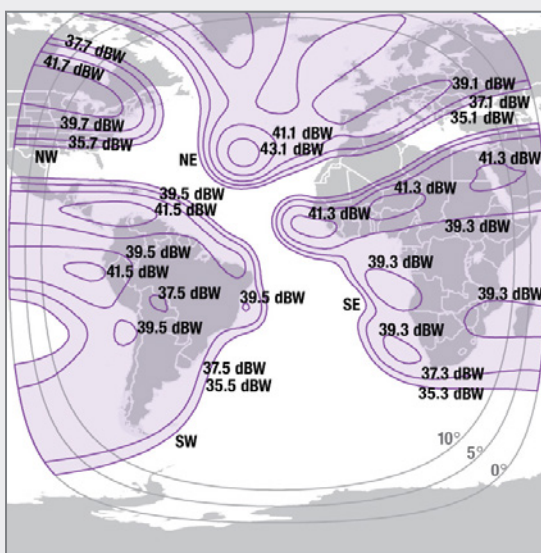
Providing Ku-band spot beam coverage for Europe and Latin America, and C-band coverage for the Atlantic Ocean region, with a new lease on life powered by MEV-1.

Intelsat was part of another historic first when the Intelsat 901 satellite docked with Northrop Grumman's first Mission Extension Vehicle (MEV-1). The in-space maneuver was the first time two commercial satellites docked, and the first time that mission extension services were offered, to a satellite in geosynchronous orbit. As a result of this historic-first mission, we've extended the life of IS-901 – an otherwise healthy satellite that was running low on fuel – for another five years. Intelsat is proud to play a critical role in accelerating space-servicing innovations, which will drive even greater efficiencies in the commercial space industry and help to significantly reduce space debris.

C-band Hemi Beam



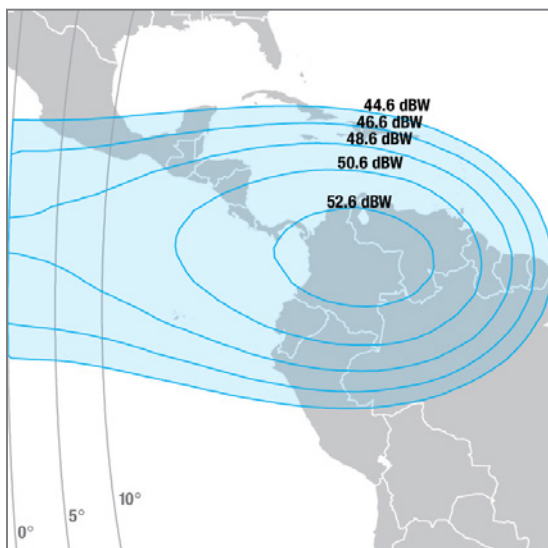
C-band Zone Beam



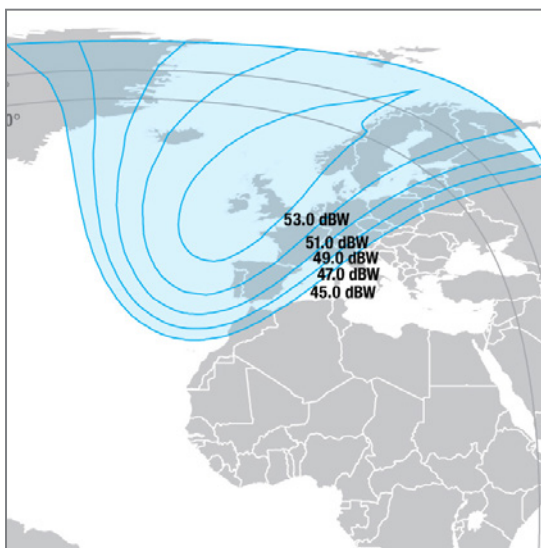
C-band Key Parameters

- Configurable Capacity: 72 (in equivalent 36 MHz units)
- Polarization: Circular – Right or Left Hand
- Downlink Frequency: 3625 to 4200 MHz
- Typical Edge of Coverage e.i.r.p.:
 - Global: > 31.0 dBW
 - Hemi/Zone: > 36.0 dBW
- Beam Peak G/T:
 - Global: Up to -6.3 dB/K
 - Hemi/Zone: Up to 5.9 dB/K

Ku-band Spot 1



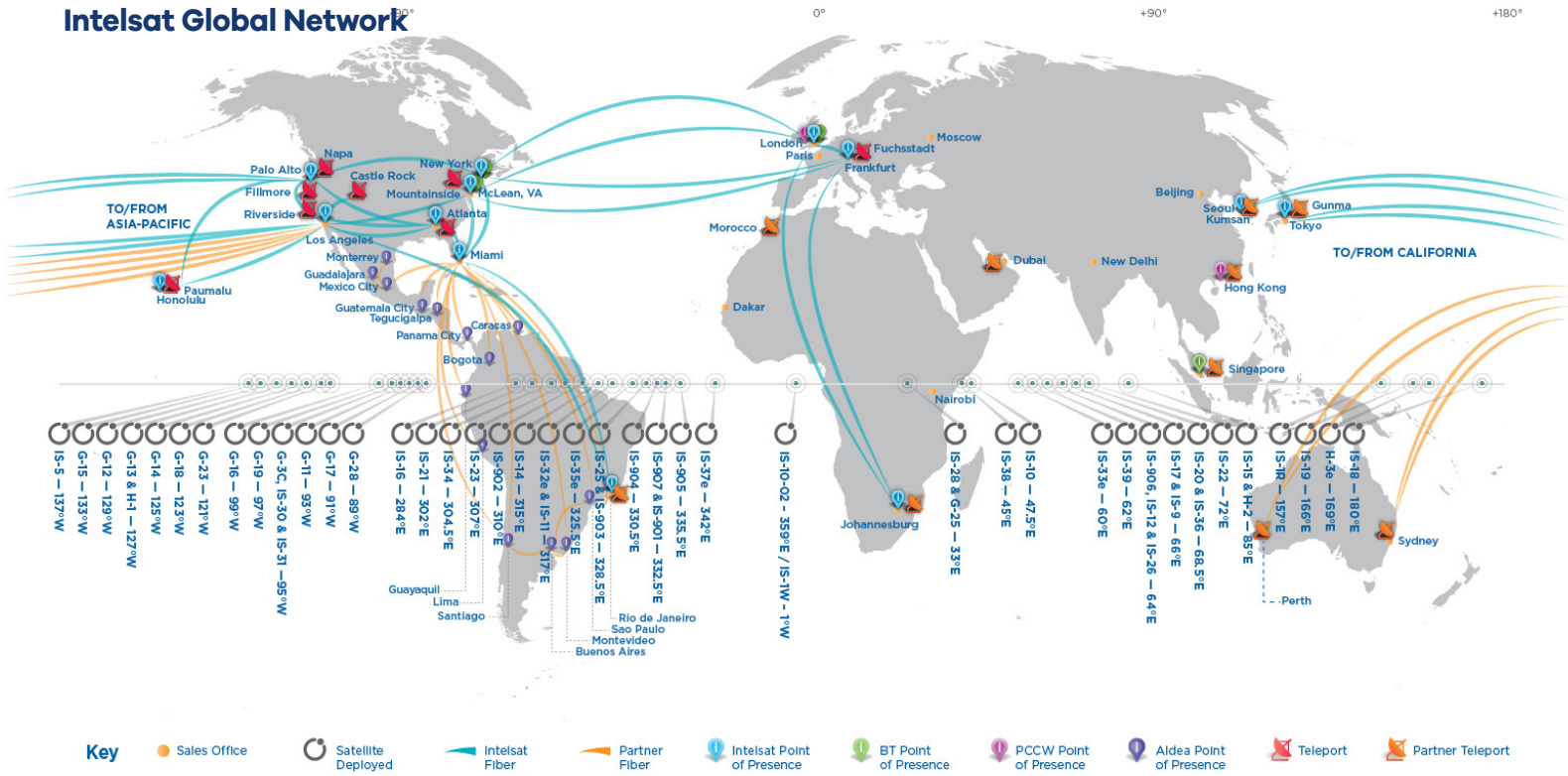
Ku-band Spot 2



Ku-band Key Parameters

- Configurable Capacity: 24 (in equivalent 36 MHz units)
- Polarization: Linear – Horizontal or Vertical
- Downlink Frequency: 10.95 to 11.70 GHz
- Typical Edge of Coverage e.i.r.p.: > 47.0 dBW
- Uplink Frequency: 14.00 to 14.50 GHz
- Beam Peak G/T:
 - Spot 1: Up to 8.6 dB/K
 - Spot 2: Up to 9.0 dB/K

Intelsat Global Network



About Intelsat

As the foundational architects of satellite technology, Intelsat operates the largest, most advanced satellite fleet and connectivity infrastructure in the world. We apply our unparalleled expertise and global scale to reliably and seamlessly connect people, devices and networks in even the most challenging and remote locations. Transformation happens when businesses, governments and communities build a ubiquitous connected future through Intelsat's next-generation global network and simplified managed services.

At Intelsat, we turn possibilities into reality. Imagine Here, with us, at Intelsat.com.

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