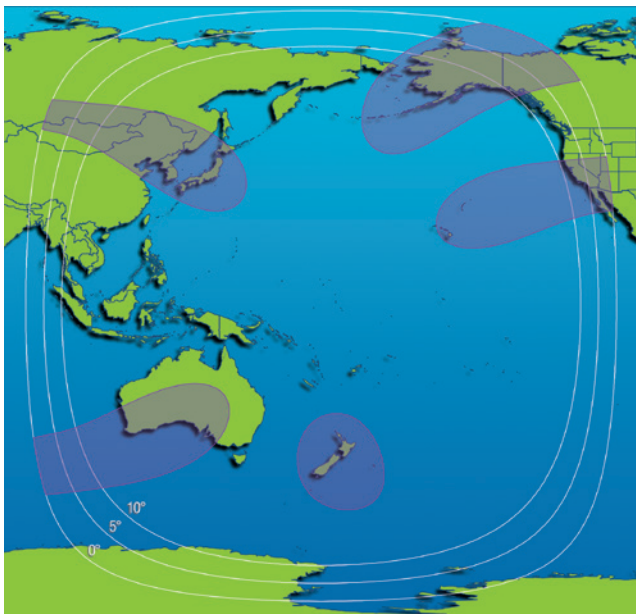


Horizons 3e at 169°E

Bringing the next level of high throughput services to Asia-Pacific and expanding coverage in the Pacific Ocean; Horizons 3e completes Intelsat Epic^{NG}'s global coverage

Horizons 3e builds upon the successful alliance between SKY Perfect JSAT and Intelsat, marking the fourth satellite to be owned jointly by Intelsat and JSAT. Manufactured by Boeing, the all-digital Horizons 3e payload represents a continued evolution of the award-winning Intelsat Epic^{NG} platform. It features full beam interconnectivity in C- and Ku-bands and also includes a multiport amplifier that optimizes power across the satellite, enabling a power adjustment of each spot beam to better meet a customer's throughput demands. This feature brings additional efficiency and flexibility to address regional and application requirements for broadband, mobility and government customers operating in Asia-Pacific and the Pacific Ocean region.

C-band Spot Beams



C-band Key Parameters

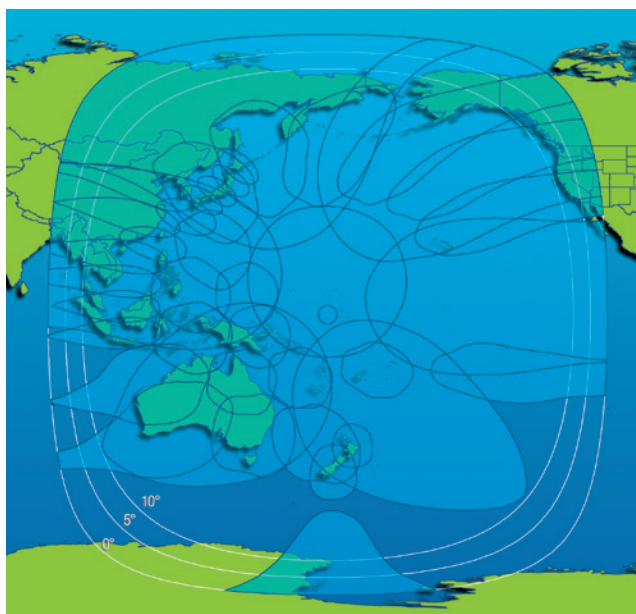
Configurable Capacity:
86 (in equivalent 36 MHz units)

Polarization:
Linear – Horizontal or Vertical
Circular – Right or Left Hand

Typical Coverage e.i.r.p. Range:
C-band Spot: 44.7 up to 51.0 dBW
Global: 33.4 up to 36.6 dBW

Typical G/T Range:
C-band Spot: 2.5 up to 11.2 dB/K
Global: -8.6 up to -4.9 dB/K

Ku-band Spot Beams



Ku-band Key Parameters

Configurable Capacity:
250 (in equivalent 36 MHz units)

Polarization:
Linear – Horizontal or Vertical

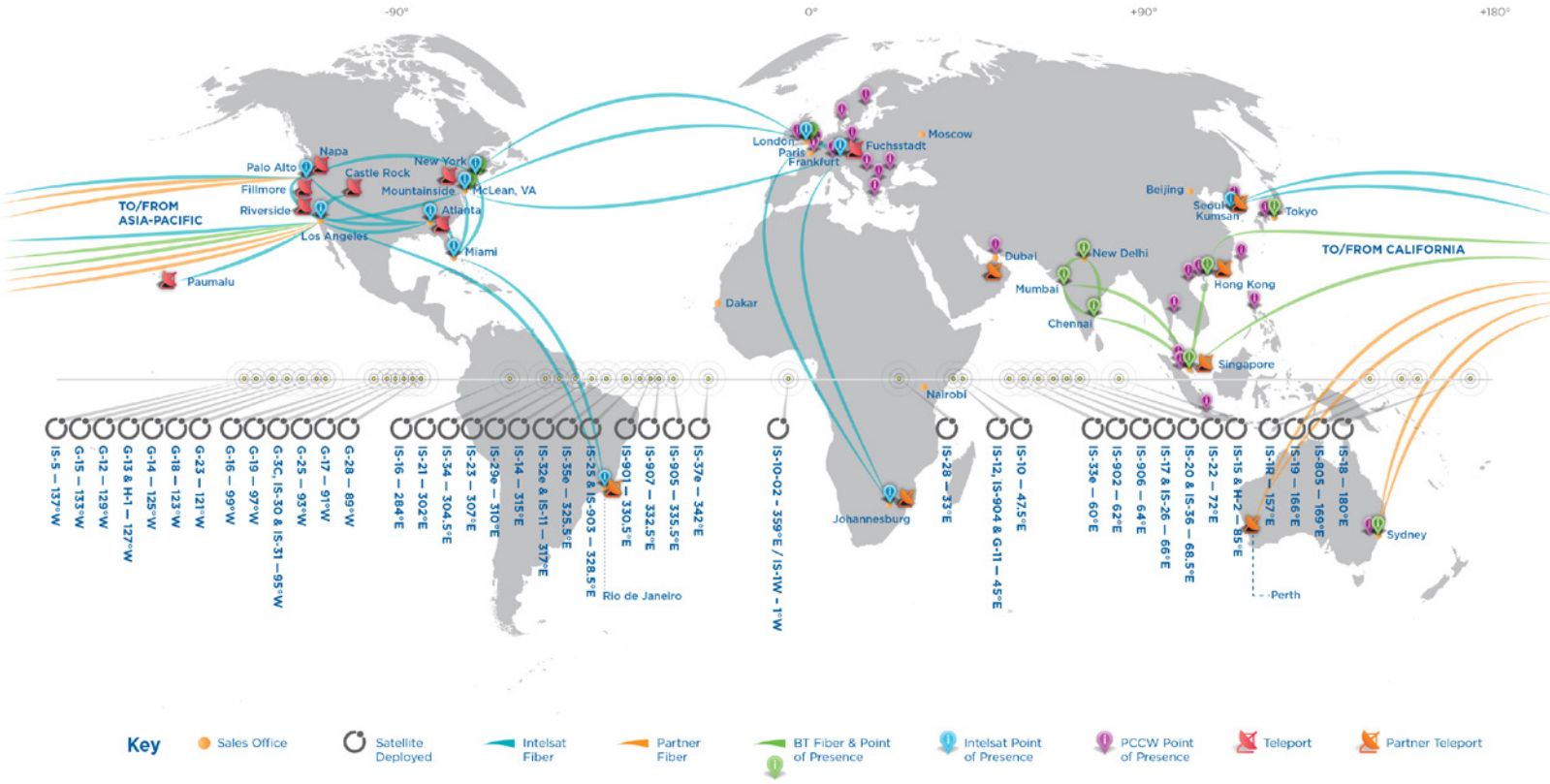
Typical Coverage e.i.r.p. Range:
Multi-Spot: 45.5 up to 64.5 dBW

Typical G/T Range:
Multi-Spot: -0.4 up to 19.9 dB/K



**This is a future spacecraft deployment. Maps shown are for illustrative purposes and may change. All payload performance values are preliminary.*

Intelsat Global Network



About Intelsat

Intelsat operates the world's first Globalized Network, delivering high-quality, cost-effective video and broadband services anywhere in the world. Intelsat's Globalized Network combines the world's largest satellite backbone with terrestrial infrastructure, managed services and an open, interoperable architecture to enable customers to drive revenue and reach through a new generation of network services.

Thousands of organizations serving billions of people worldwide rely on Intelsat to provide ubiquitous broadband connectivity, multi-format video broadcasting, secure satellite communications and seamless mobility services. The end result is an entirely new world, one that allows us to envision the impossible, connect without boundaries and transform the ways in which we live.

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