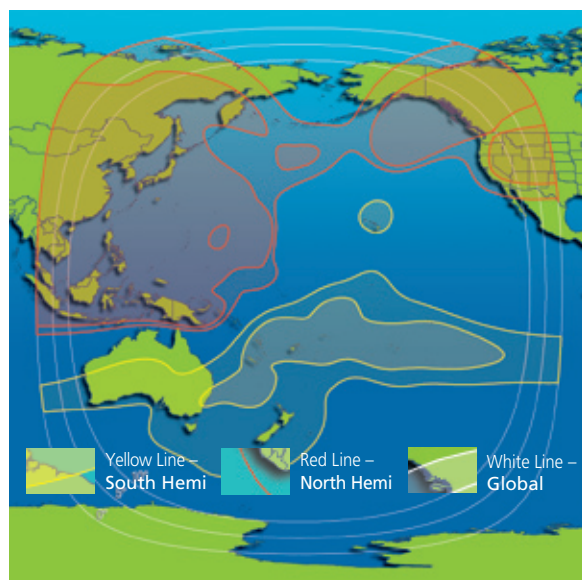


Serving Intelsat customers throughout Pacific Ocean Region, East Asia and the U.S.

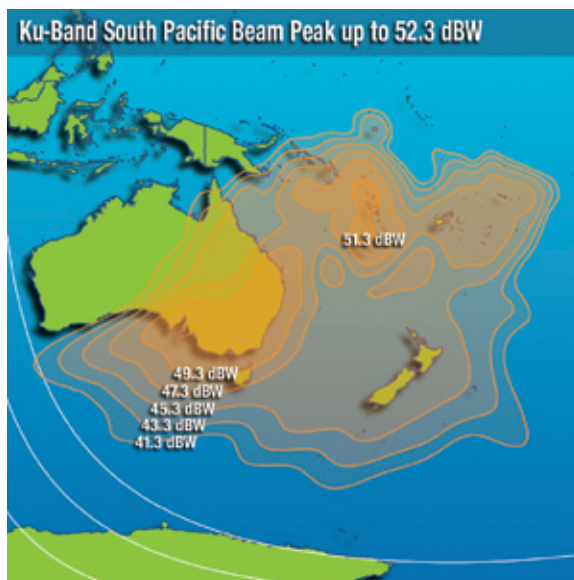
As part of Intelsat's fleet replacement and expansion plans, the Intelsat 18 (IS-18) satellite is scheduled to start service at 180°E in 2011.

IS-18 at 180°E – C-Band*



*This is a future spacecraft deployment. All payload performance values are preliminary.

IS-18 – Ku-Band Australia/New Caledonia*



C-Band Key Parameters

Transponders:
16 x 72 MHz
8 x 36 MHz

Polarization:
Circular – Right or Left Hand

Downlink Frequency:
3700 to 4200 MHz

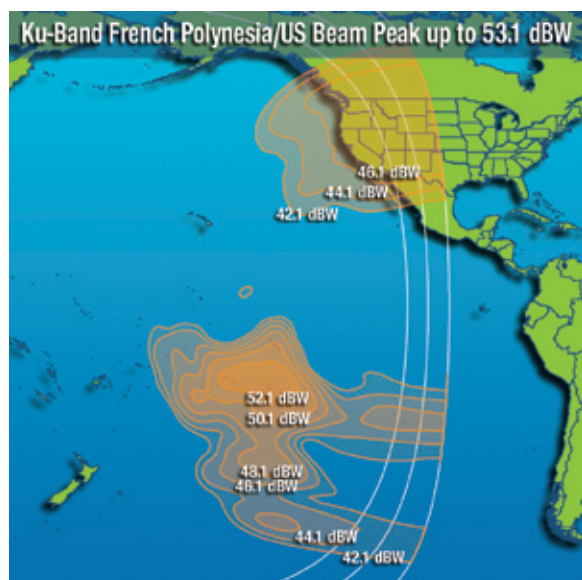
Typical Edge of Coverage e.i.r.p.:
> 31.9 dBW for Global
> 35.9 dBW for North & South Hemi

Uplink Frequency:
5925 to 6425 MHz

Typical Edge of Coverage G/T:
> -8.9 dB/K for Global
> -7.0 dB/K for North Hemi
> -7.1 dB/K for South Hemi

Edge of Coverage SFD Range:
-98.0 to -79.0 dBW/m²

IS-18 – Ku-Band US/French Polynesia*



*This is a future spacecraft deployment. All payload performance values are preliminary.

Ku-Band Key Parameters

Transponders:
12 x 72 MHz

Polarization:
Linear – Horizontal or Vertical

Downlink Frequency:
10.95 to 11.7 GHz and
12.25 to 12.75 GHz

Typical Edge of Coverage e.i.r.p.:
> 45.0 dBW
for US/French Polynesia
> 43.6 dBW
for Australia/New Caledonia

Uplink Frequency:
14.0 to 14.5 GHz

Typical Edge of Coverage G/T:
> -1.8 dB/K
for US/French Polynesia
> -3.1 dB/K
for Australia/New Caledonia

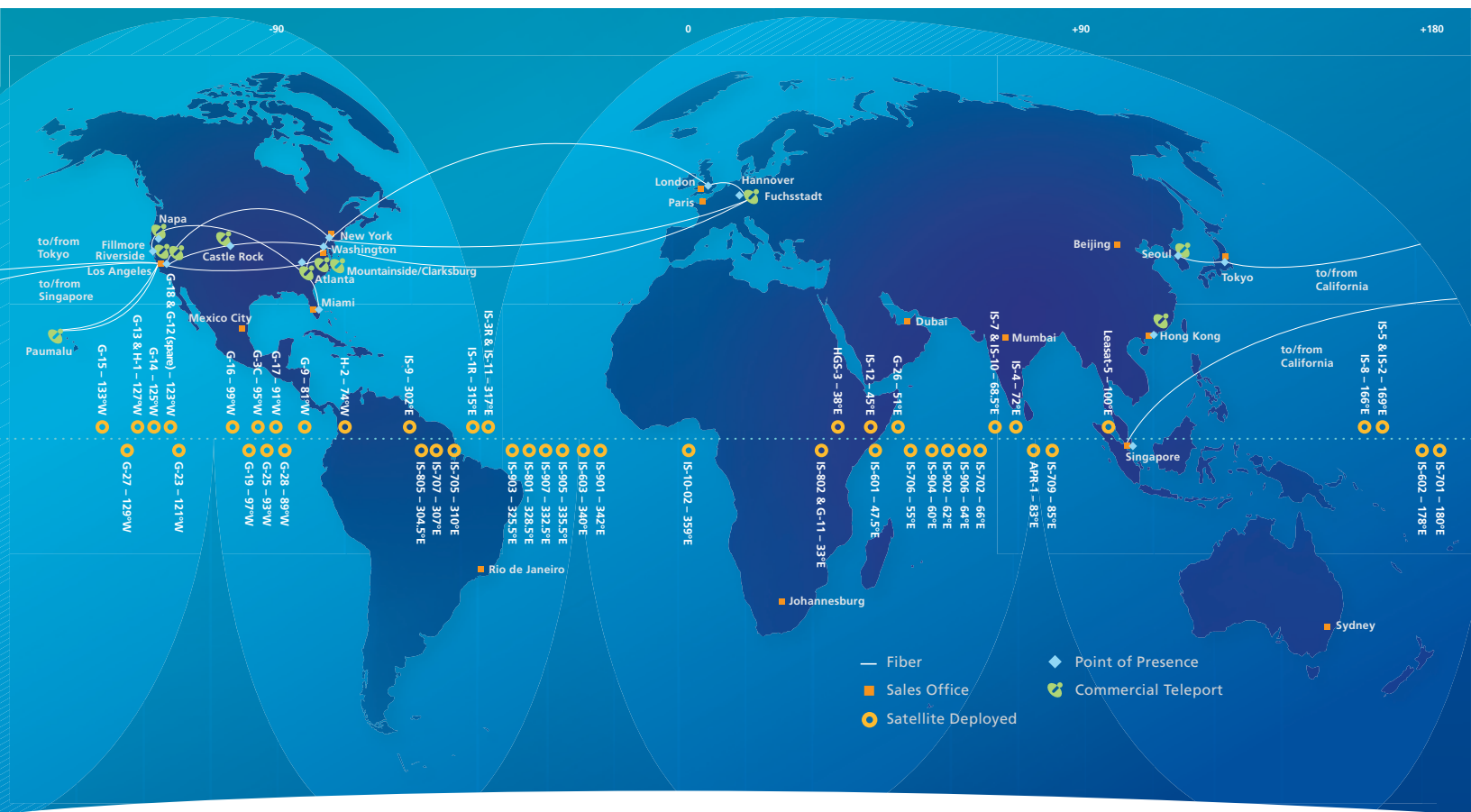
Edge of Coverage SFD Range:
-92.0 to -79.0 dBW/m²
for Australia/New Caledonia
-93.0 to -76.0 dBW/m²
for US/French Polynesia



INTELSAT

Closer, by far

The Intelsat Satellite Network



About Intelsat

Intelsat is the leading provider of fixed satellite services worldwide. For 45 years, Intelsat has been delivering information and entertainment for many of the world's leading media and network companies, multinational corporations, Internet service providers and governmental agencies. Intelsat's satellite, teleport and fiber infrastructure is unmatched in the industry, setting the standard for transmissions of video, data and voice services. From the globalization of content and the proliferation of HD, to the expansion of cellular networks and broadband access, with Intelsat, advanced communications anywhere in the world are closer, by far.

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