



China Satellite Communications Co. Ltd.

APSTAR-5 (APSTAR-V, Telstar-18) at 138°E Satellite details

Orbital Position: 138° E

Manufacturer: Space Systems/Loral

Launch date: 29 June 2004

Launch vehicle: LM-3B/E

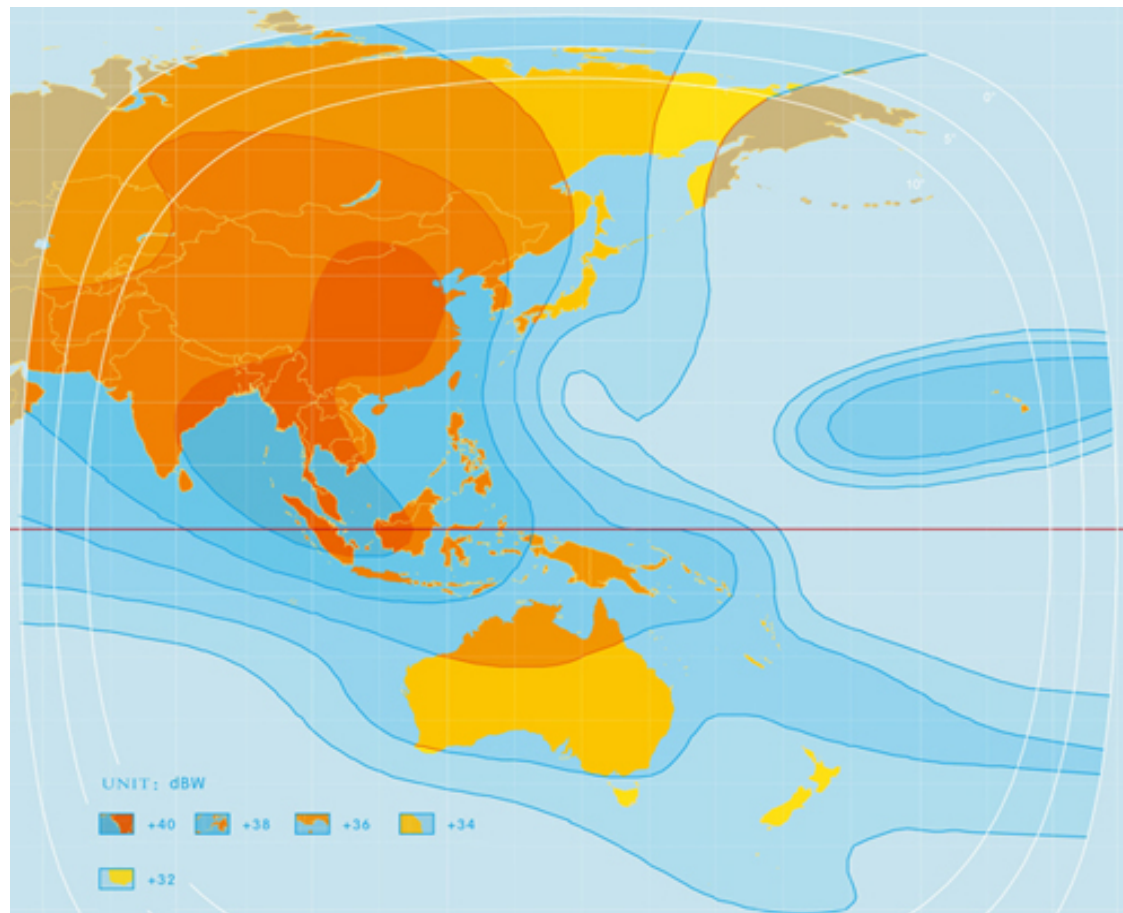
Expected lifetime: 15 years

Note: [Telesat Canada](#) owns Telstar-18 after the merge with Loral Space & Communications and is leasing capacity to APT Satellite and [SingTel Singapore](#) that are branding it under APSTAR-5 (APSTAR-V). APSTAR-5 replaced aging APSTAR-1.

Communications Payload

	C- Band	Ku-band
Active Transponders:	38 (linear)	16 (linear)
Transponder Bandwidth:	36 MHz	36 MHz
Coverage:	China, India, South-East Asia, Asia, Australia, New Zealand, Pacific Islands & Hawaii	

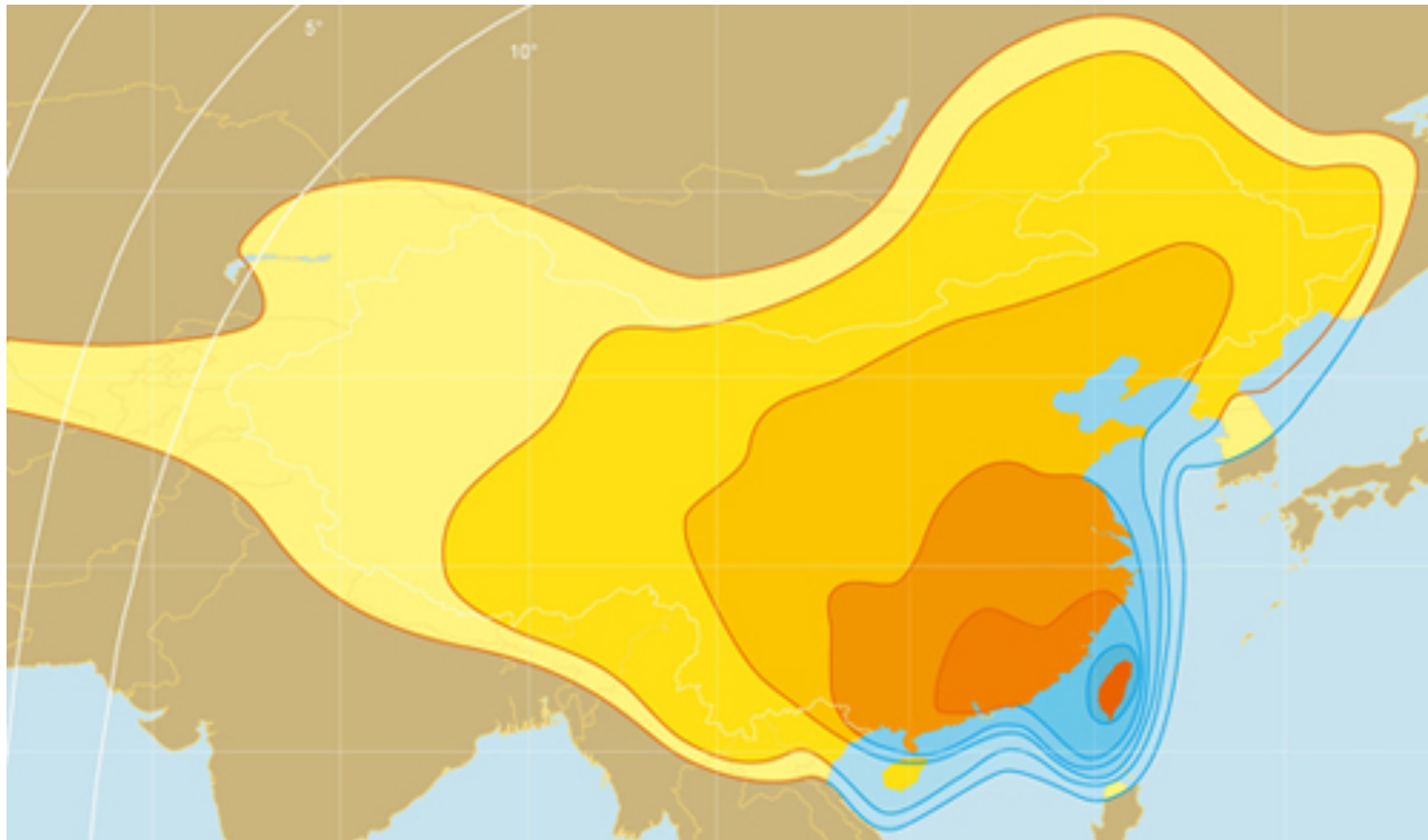
APSTAR-5 Satellite Footprint C-Band Beam





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APSTAR-5 Satellite Footprint Ku-Band Beam





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APSTAR-5 Satellite Footprint Ku-Band Beam

