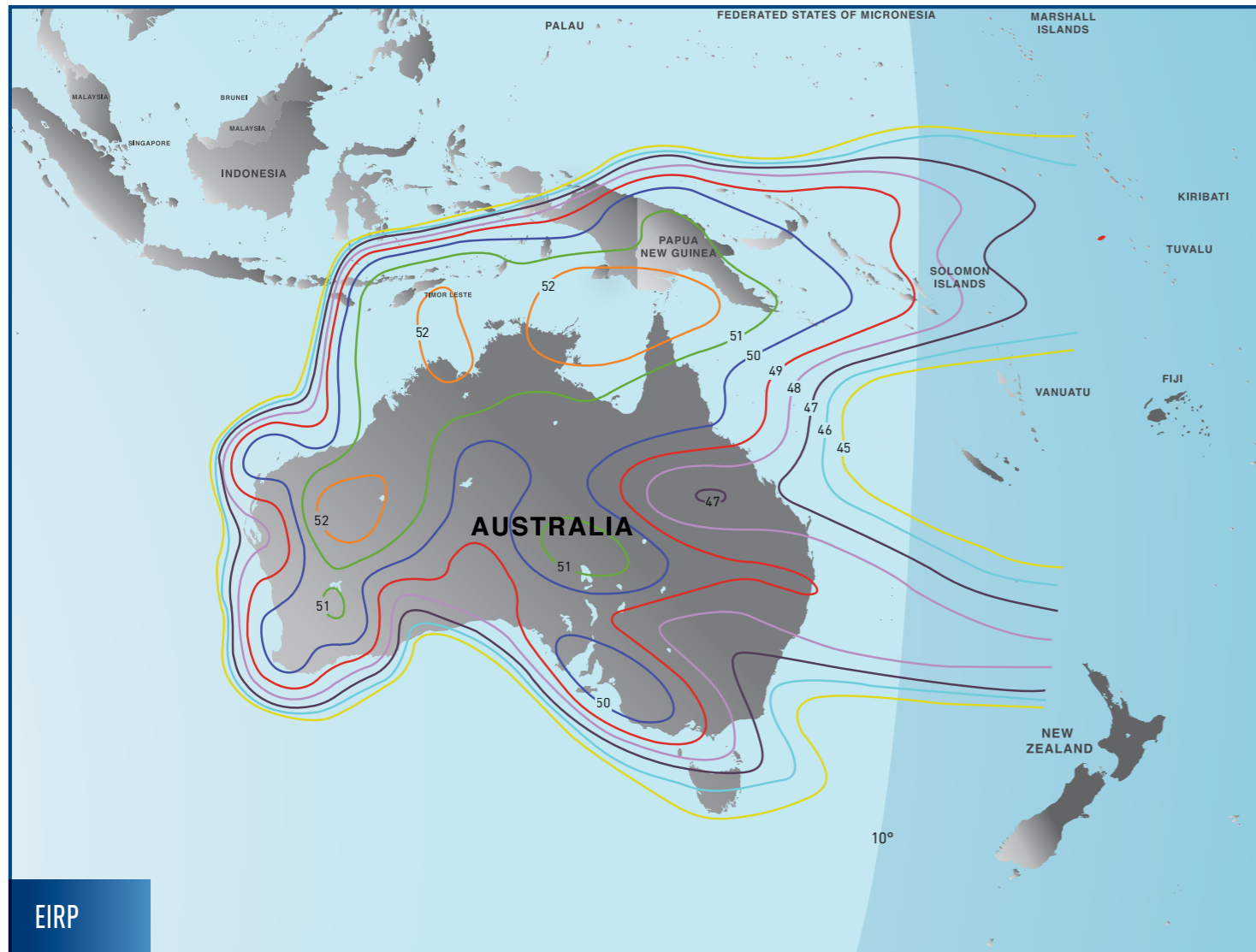


Jabiru-2

Jabiru-2 will deliver 216 MHz of capacity, providing highly focused Ku-band coverage, to satisfy the demanding communication requirements in and around Australia.

Jabiru-2 coverage



“New” capacity for innovative applications

Jabiru-2 will meet growing demand for fresh capacity to support innovative and bandwidth heavy applications. Remote locations, exploration teams, business on-the-move and widely dispersed geographies require satellite communication services ranging from high-speed broadband, real-time data transfer and video broadcast to on-site office services, remote asset monitoring, and workplace health and safety. Jabiru-2 will provide these high bandwidth and mobility applications with “new” capacity to function effectively.

Distance learning and tele-medicine



Resources



Media and broadcasting



Communications-on-The-Move



LOCATION	
Orbital type	Geostationary
Orbital location	91.5° East
Geographic coverage	Australia, Papua New Guinea, Timor Leste and Solomon Islands
SATELLITE	
Launch date	September 2014
Operational life (years)	15
Satellite status	Construction complete
Satellite supplier	Astrium SAS
Type of satellite	Eurostar 3000
Launch vehicle	Ariane 5
Stabilisation	3 axis stabilised
TWTA power (Watts)	150
Transponder bandwidth (MHz)	36
Channel polarisation	Linear

BEAM/S	
Type of beam/s	Regional
Number of beam/s	1
Band	Ku
Capacity (MHz)	216 (6 x 36)
EIRP (dBW) Australia beam	52
G/T (dB/K) Australia beam	5
High intensity zones	Pilbara, Kimberley, Western Australia's North West Shelf, Papua New Guinea and Timor Leste
Target markets	Government, oil, gas, mining, maritime, aeronautical, media and carrier-grade telecommunications



Learn more about Jabiru-2 industry applications

Jabiru – An iconic Australian bird

The satellite program takes its name from the indigenous term for “stork” and is the only bird of its kind in Australia. Found in remote regions, the Jabiru is an iconic bird, a strong and unique symbol to lead Australia’s space quest.



Jabiru-2

NewSat's Jabiru-2 satellite will provide highly targeted Ku-band coverage in and around Australia. Jabiru-2's 216 MHz of capacity will meet the growing demand for high bandwidth connectivity from enterprise and government markets.

Coverage to satisfy growing demand

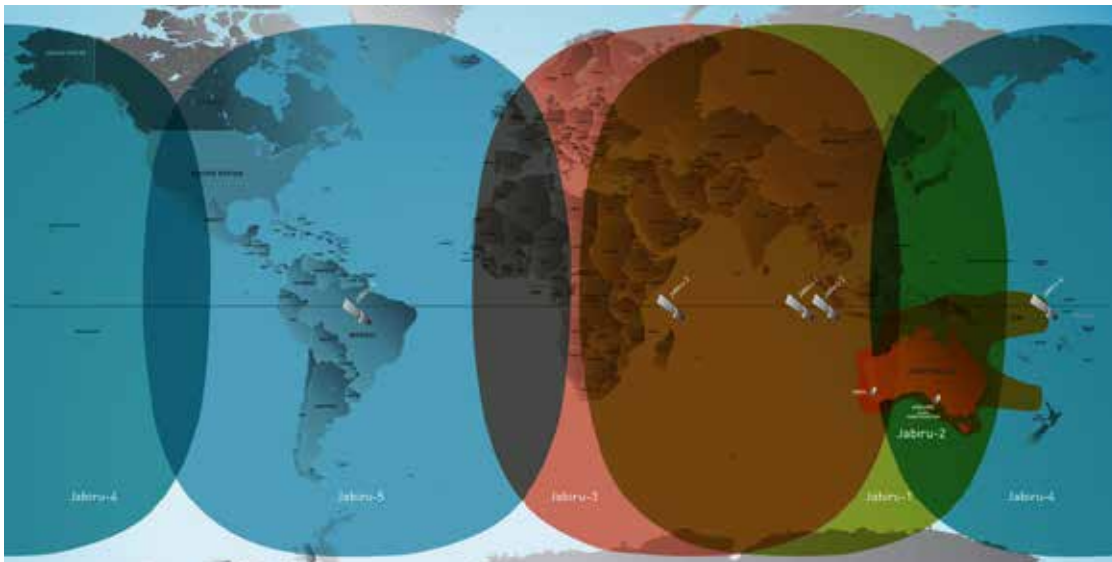
Jabiru-2's highly focused capacity will provide superior coverage across Australia, Timor Leste, Papua New Guinea and the Solomon Islands. Jabiru-2 will satisfy the growing demand for reliable and cost-effective communications from the oil, gas, mining, media, carrier-grade telecommunications and government sectors.

Highly targeted Ku-band

Jabiru-2's Ku-band payload will deliver 6 x 36 MHz of highly targeted "raw" capacity over high demand regions including the Pilbara, the Kimberley, Western Australia's North West Shelf, Timor Gap, Timor Leste and Papua New Guinea. These high intensity "hot zones" will provide more efficient solutions to support large bandwidth applications, employee productivity and operational efficiency.

Greater flexibility and support

NewSat is customer focused, with the expertise of a large corporate organisation yet the flexibility and support of a smaller specialist provider. With significant teleport operator experience, NewSat ensures all customer requirements are heard, fulfilled and supported during design, implementation and through-life.



Jabiru Satellite Program

The Jabiru Satellite Program's fleet of satellites will deliver high-powered coverage for enterprise and government environments around the world. The satellites will initially focus on the Middle East, Africa, Asia and Australia, with longer-term coverage extending into the Pacific Ocean and the Americas. Through Ka-band technology, a range of beam options, flexible payloads and extensive teleport operator experience, the Jabiru Satellite Program will deliver "new" and "raw" capacity to high demand markets. NewSat has the rights to eight premium orbital slots and its fleet of next generation geostationary satellites will lead Australia's space quest.

Published 21 January 2015. All images are for illustration purposes only. Satellite coverage zones and technical specifications are subject to change and are for general guidance only. Terms and conditions apply. For more information go to newsat.com. ©2015 NewSat Ltd ABN 12 003 237 303. 10660-210115

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