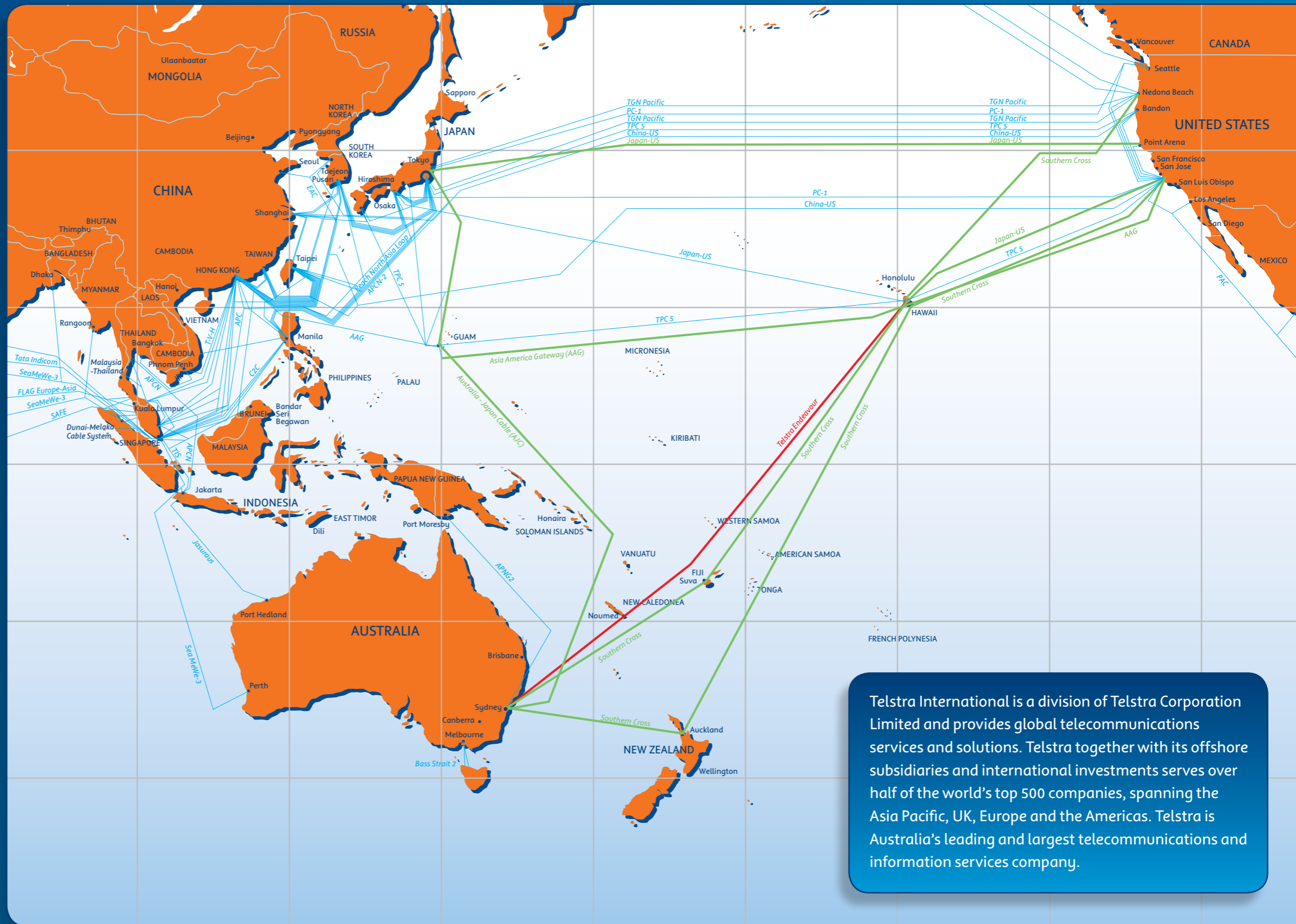# Next Generation Cable Systems

Telstra Endeavour

Sydney, Australia to Hawaii, USA

Telstra Endeavour

The Telstra Endeavour cable system between Sydney and Hawaii is 100% Telstra owned, the largest ever commissioned by an Australian company. It's another example of Telstra's future planning to accommodate double digit growth rate of data and internet traffic between Australia and the USA.

Latency

Telstra Endeavour provides a 10-30% improvement in latency over existing submarine cable systems. At 90ms (Sydney-Hawaii) and 138ms (Sydney-Los Angeles via Endeavour and AAG), it is now the shortest path from Australia to the USA.
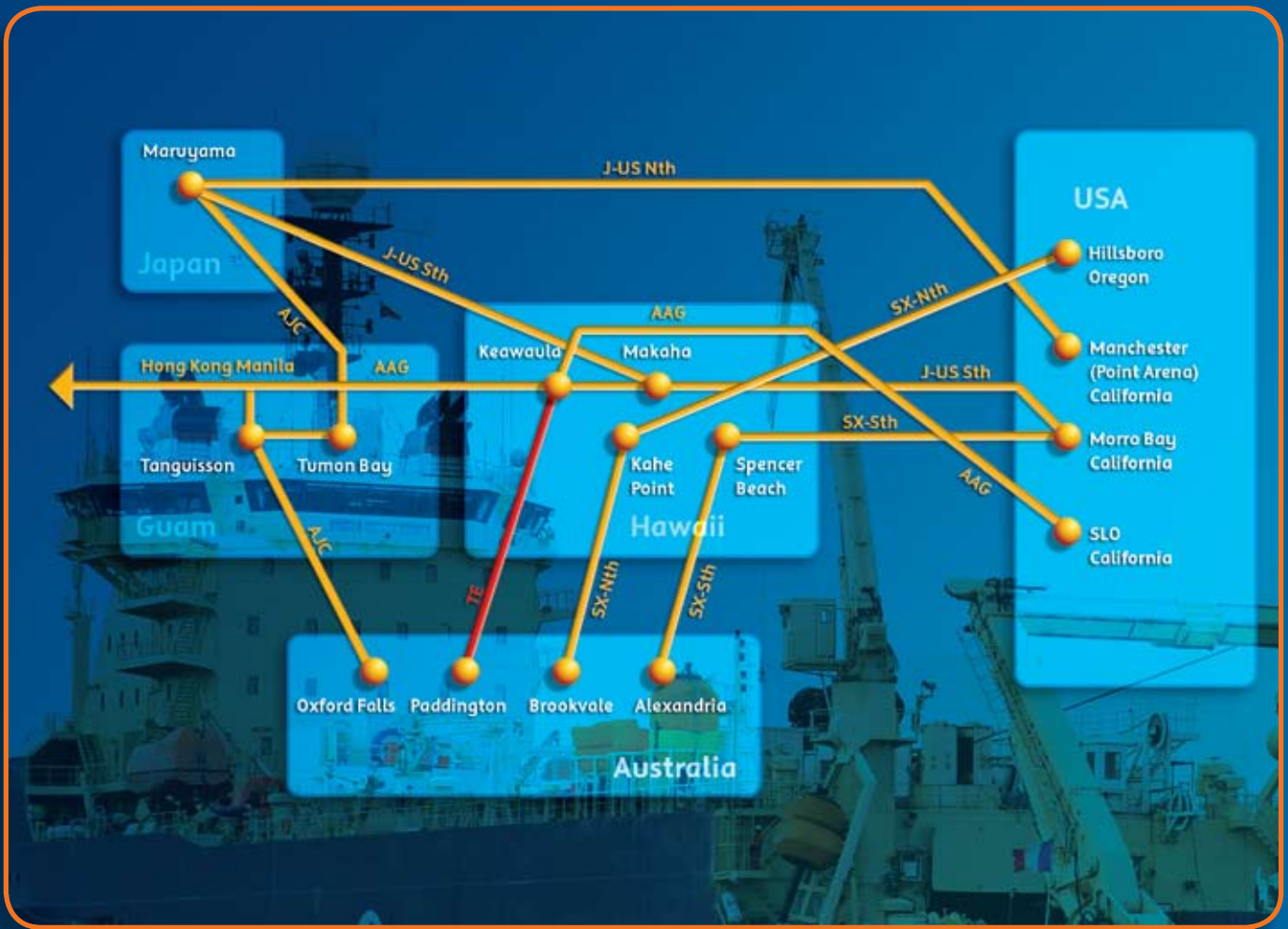
Diversity

Telstra Endeavour provides a fourth option for cable connectivity to the US improving flexibility and reliability of existing networks.

World Class Products

Telstra Endeavour has been integrated into the Telstra Global Next IP network reducing latency, while adding reliability and diversity to our market leading IP VPN, Global Internet Direct and Global VOIP services. This cable route has been added to our extensive range of routing options for our International Private Line and Ethernet Private Line services.

Telstra International is a division of Telstra Corporation Limited and provides global telecommunications services and solutions. Telstra together with its offshore subsidiaries and international investments serves over half of the world's top 500 companies, spanning the Asia Pacific, UK, Europe and the Americas. Telstra is Australia's leading and largest telecommunications and information services company.

Telstra
International

Diversity Options

Technical Specifications

Cable Capacity Initial capacity 80 Gbps Design capacity 1.28 Tbps	**Latency** 90ms (Sydney-Hawaii) 138ms (Sydney-Los Angeles) via Endeavour and Asia American Gateway (AAG)
Cable Length 9120km	**Cable Landing Stations** Landing: Tamarama Beach, Sydney Termination: Paddington, Sydney Landing & Termination: Keawaula, Hawaii
Fibre Pairs 2 fibre pairs	**Interconnecting cable systems** Japan-US (JUS) Asia America Gateway (AAG) – expected launch June 2009
Resilience Single span repeatered optical cable system, with protection available via other systems	**Launch Date** October 2008