The Connected Pacific
APNIC 46, Noumea

Jonathan Brewer
Consider Pohnpei & Noumea
You Can’t Get There From Here

One-way: Pohnpei to Noumea, Mon, Sep 10

APNIC46 - Nouméa, New Caledonia - Telco2
First you fly to Chuuk
Stay on the plane
Guam’s Next
Change for Tokyo
Finally

Nouméa
Asia America Gateway

2009
Pipe Pacific Cable (PPC-1)
You Can’t Get There From Here

Madang

Port Moresby

APNIC46 - Nouméa, New Caledonia - Telco2
Honotua
Tasman Global Access

Sydney -> Auckland
Belau Cable

Koror

2017
Tui Samoa
Hawaii
Up In The Sky

Photo: SpaceX
Ten Years of Satellite
JCSAT-14

- Owned by Sky Perfect JSAT Corporation
- Geostationary Orbit at 154 degrees East
- In-Service July 2016
- 26 C-band transponders
- 18-Ku-band transponders
- Provides TV + High Speed Broadband
- Excellent Pacific Islands Coverage
EUTELSAT 172B

- Owned by Eutelsat
- Geostationary Orbit at 172 degrees East
- In-Service November 2017
- 14 C-band transponders
- 36 Ku-band transponders
- In-flight broadband & Cellular backhaul
- Excellent Pacific Islands coverage
03b Networks

- Medium Earth Orbit, Ka band since 2014
- Global +/- 45° Cover for Carrier & Enterprise
- 384 Gbps of global capacity
- 2 Gbps, 700 km diameter beams
- 16 Satellites in orbit today, 4 more in 2019
- 2x Tracking antennas req
- Rain fade possible even w/ 4m dish
- 100% owned by SES since 2016

2018
03b Networks

2018
The Connected Pacific: Metrics
Wallis & Futuna
How Do We Fix This?
A Peering Strategy for the Pacific Islands

This site reviews the telecommunications environment of the Pacific Islands. It looks at each community’s connectivity to the world: telecommunications, sea freight, air routes, and trade. It provides real-time statistics on provider market share. It considers the complexity of island telecommunications through the mythical nation of Avaiki. Over time it will be expanded to include data on carrier interconnections and performance to each market’s major trading partners.
The Connected Pacific
https://pacpeer.org/

https://jon.brewer.nz/