

ITU International Satellite Symposium 2016

Satellite Service in Asian Countries
Indonesia Experiences

Wednesday 07 September 2016



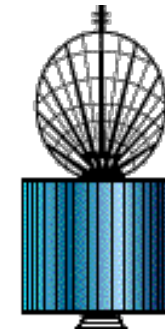
PALAPA A

(1976 - 1983)

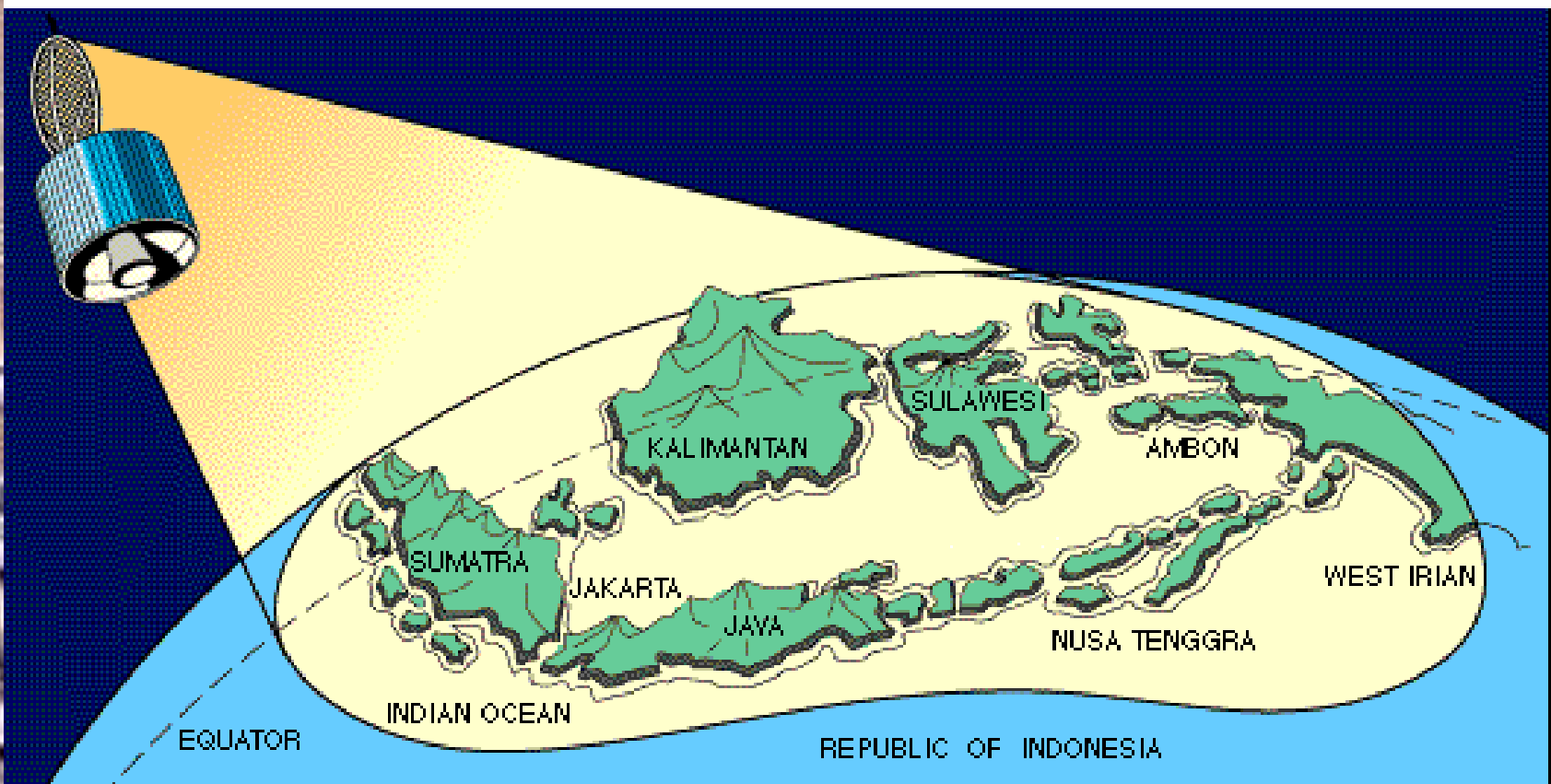
83° East, Indonesia Coverage

12 Txp, equal to 12.000 circuits or 12
analogue TV channel

The first outside North America



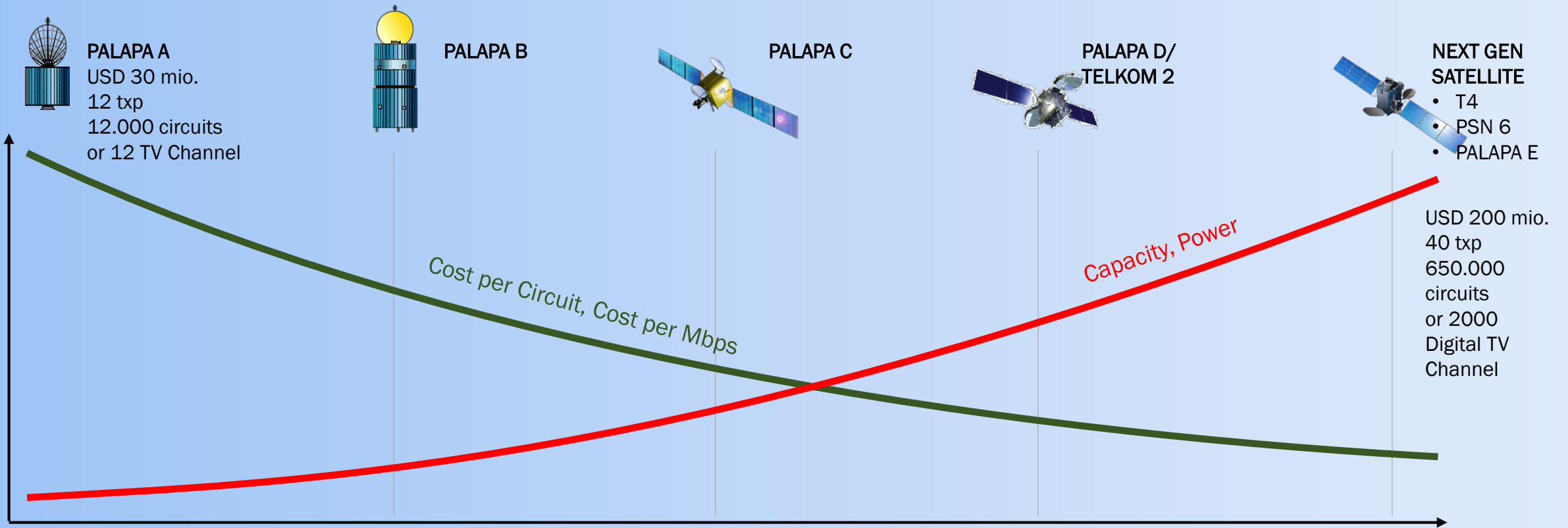
HUGHES
SPACE & COMMUNICATIONS



Asia Pacific Region

Indonesia is part
of a group of
archipelago in the
asia pacific





PALAPA A

NEXT GEN SATELLITE

1976

40 years

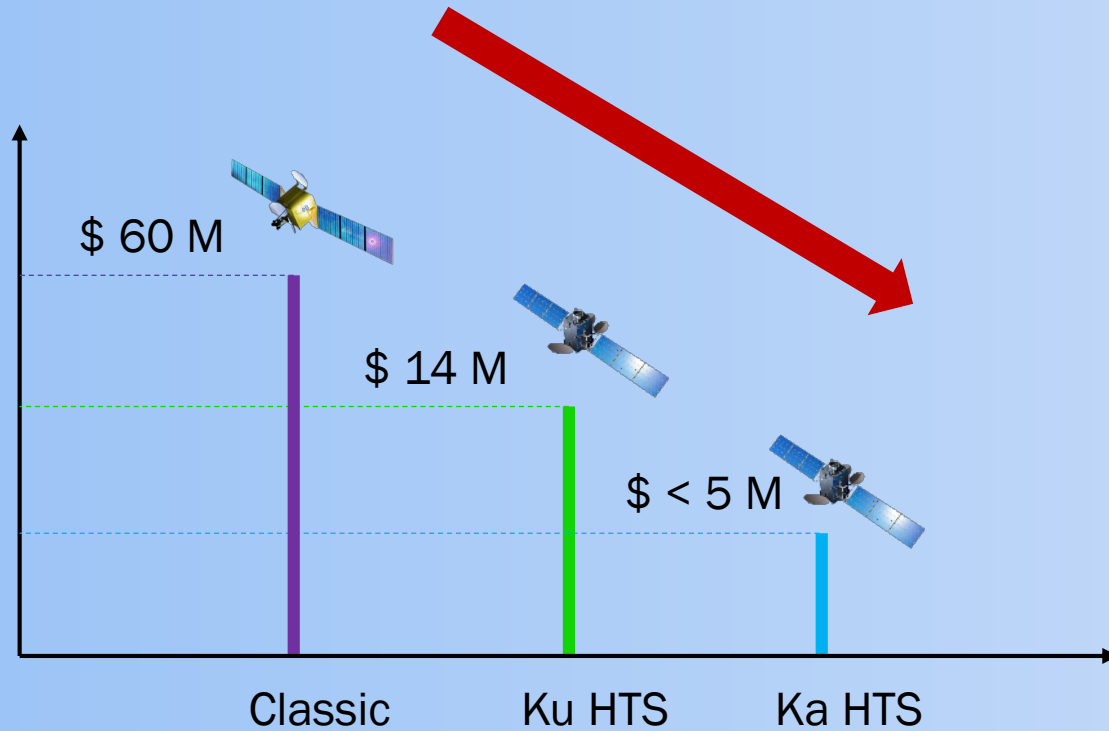
2016

7 years live span
 Spinner Satellite
 Analogue

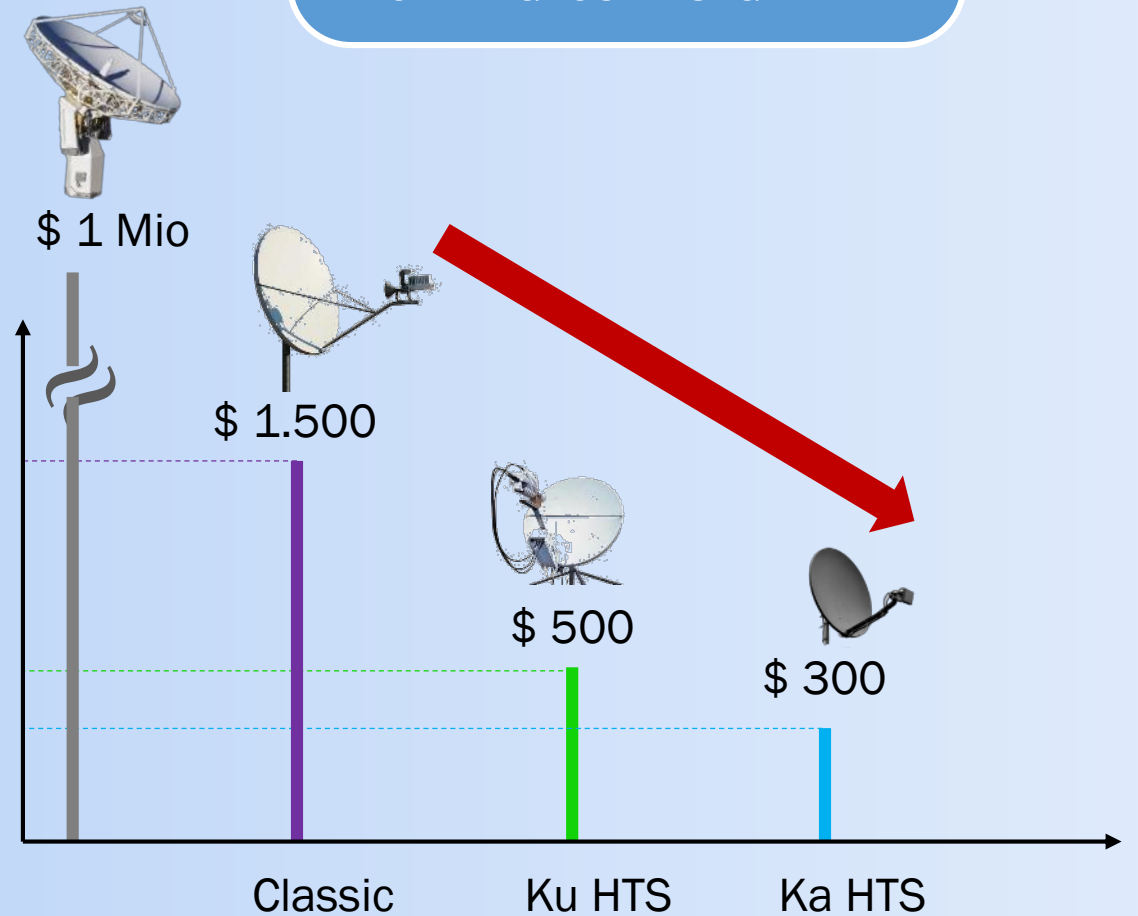
Ground	Space
Digitalization	15-20 years live span
Modulation	More powerfull
IP Based	Propulsion Technology
Carrier Cancellation	Launch Technology
Voice Codec	Spectrum Reuse (Spotbeam)

FUTURE TRENDS

CAPEX FOR 1 GBPS



CAPEX GROUND SEGMENT



PSN VI SATELLITE

PSN VI
SATELLITE

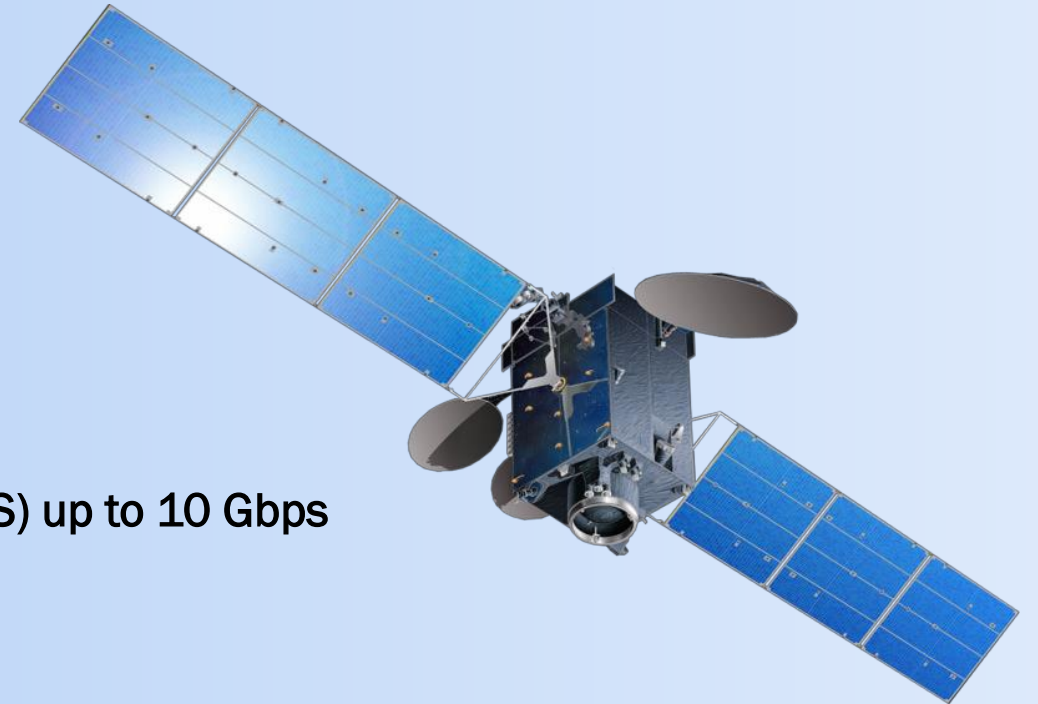


Orbital Location : 146° E
Satellite BUS : SSL 1300
Design Life : 15 Years
Propellant Life : 20 Years
Launch Vehicle : SpaceX Falcon – 9

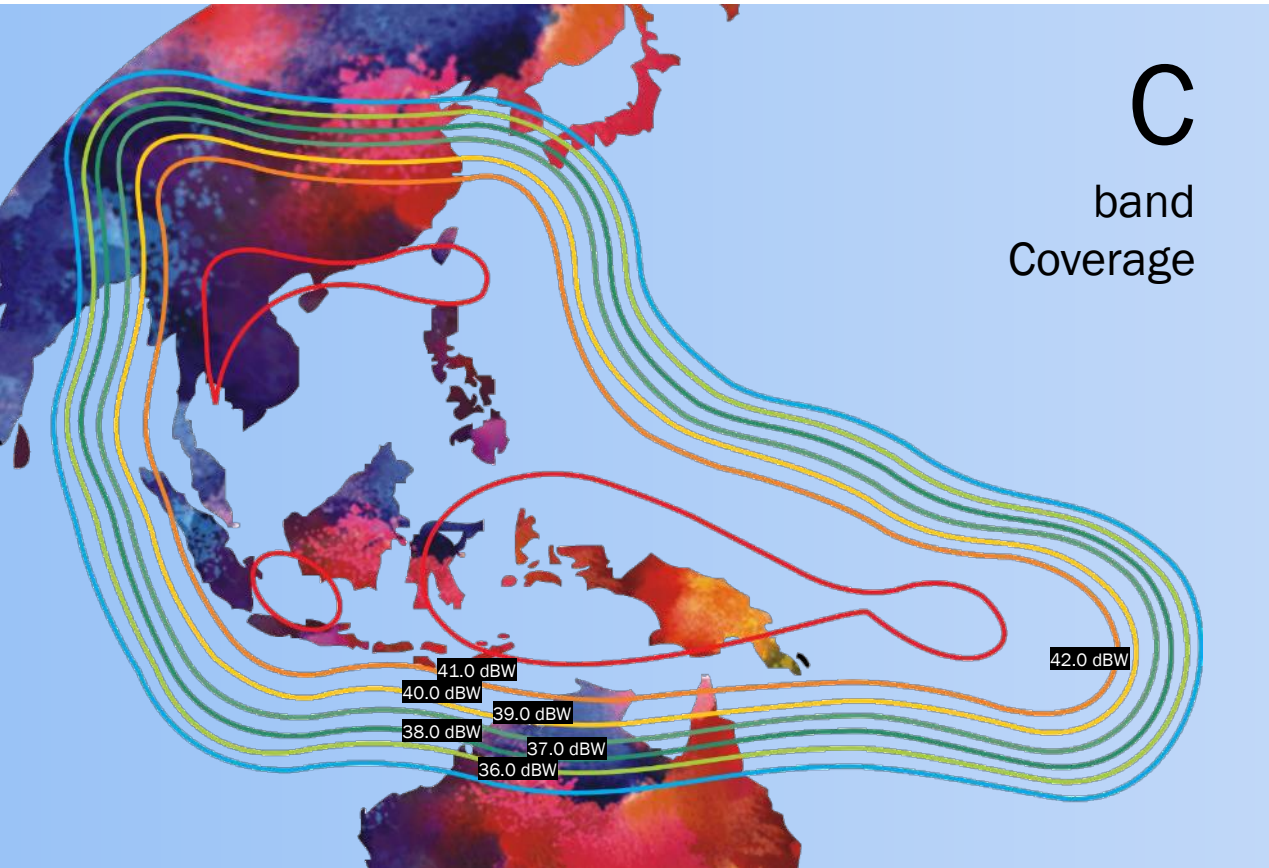
Payload Repeater

- 38 C-band transponders
- Ku-band High Throughput Satellite (HTS) up to 10 Gbps
- Coverage South East Asia

Schedule to be operational in 2018



SATELLITE COVERAGE



Conclusion

Our Company PSN is responding trends by PSN VI HTS Satellite and Other New PSN Satellite

PSN will always provide more economical satellite services to promote economic growth in thru Pacific Region