

Cyber Warfare, Sea Drone, LEO Satellites

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- Cyber warfare
- Sea Drone
- Starlink
- LAPAN A1, A2, A3, A5, SS-1

Cyber Security Cyber Warfare

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- https://onnocenter.or.id/wiki/index.php/OnnoCenter_eBook
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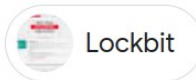




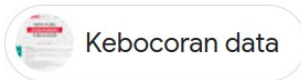
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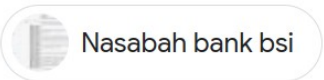
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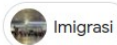
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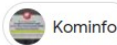
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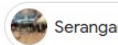
Bandara soekarno



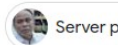
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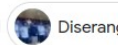
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Server PDN Down, Begini Kondisi T...



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Editorial] PDN Down, di Mana Wibawa ...



SINDOnews
Server PDN Kominfo Down, Antrean ...



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Dampak PDN Down, Penumpuk...



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PDN "down" berhari-hari & baru diakui ...



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Server PDN Diduga Diserang "Ra...



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Three pillars



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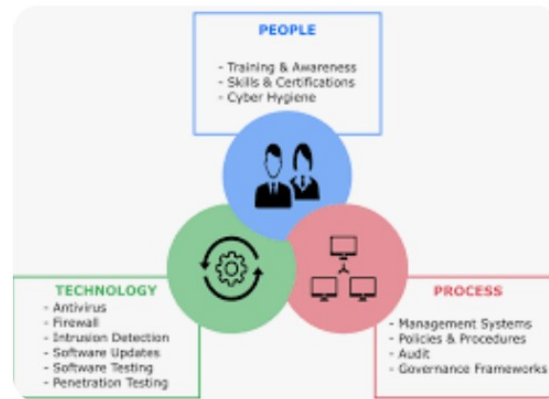


Cybersecurity strategy



BlackBerry Blog

The 3 Pillars of Cybersecurity: People ...



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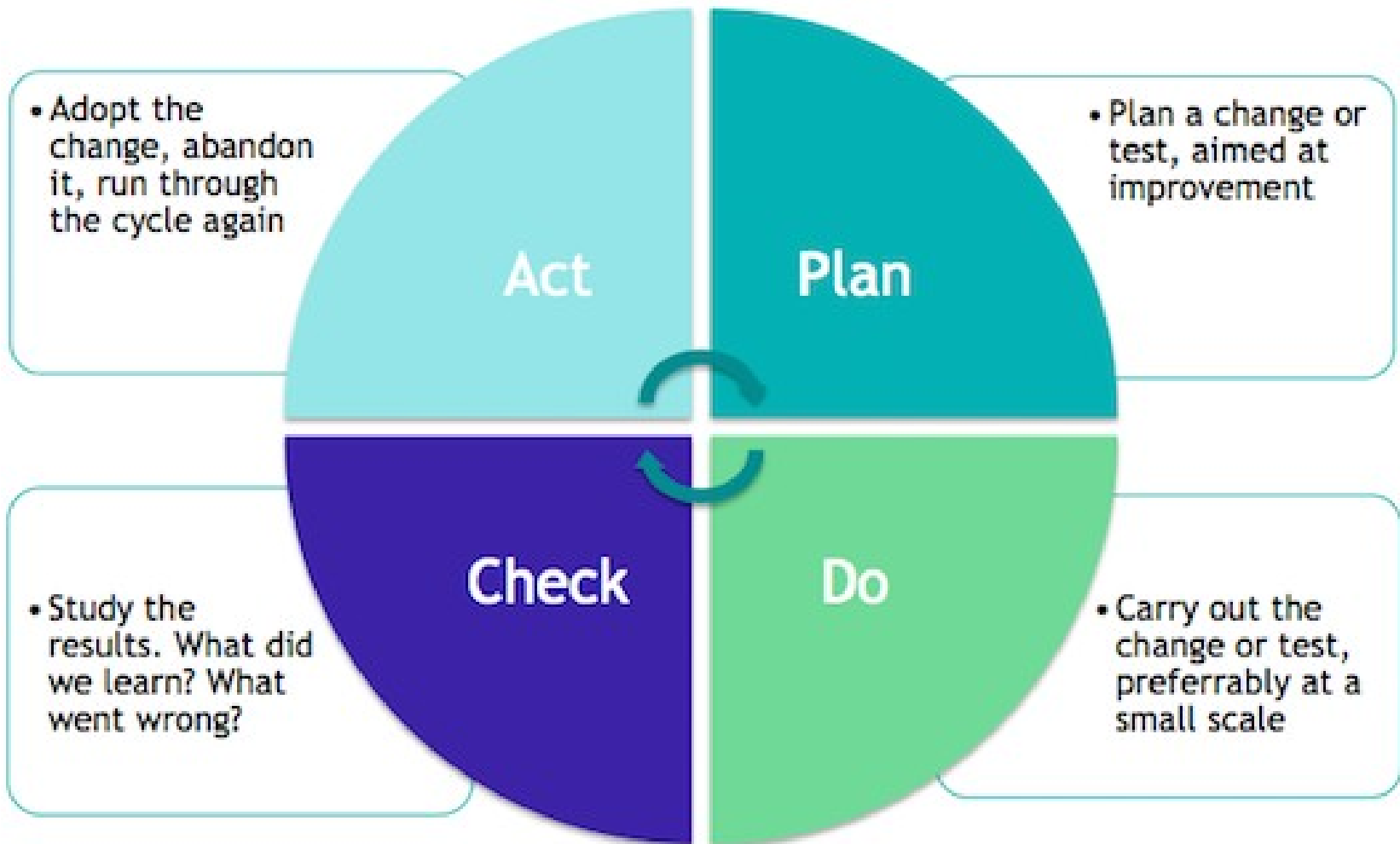


IT Governance

Three pillars of cyber sec...

Asher S

Cybersec



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ISBN 978-623-7230-XX-X
ISBN 978-623-7230-XX-X (PDF)



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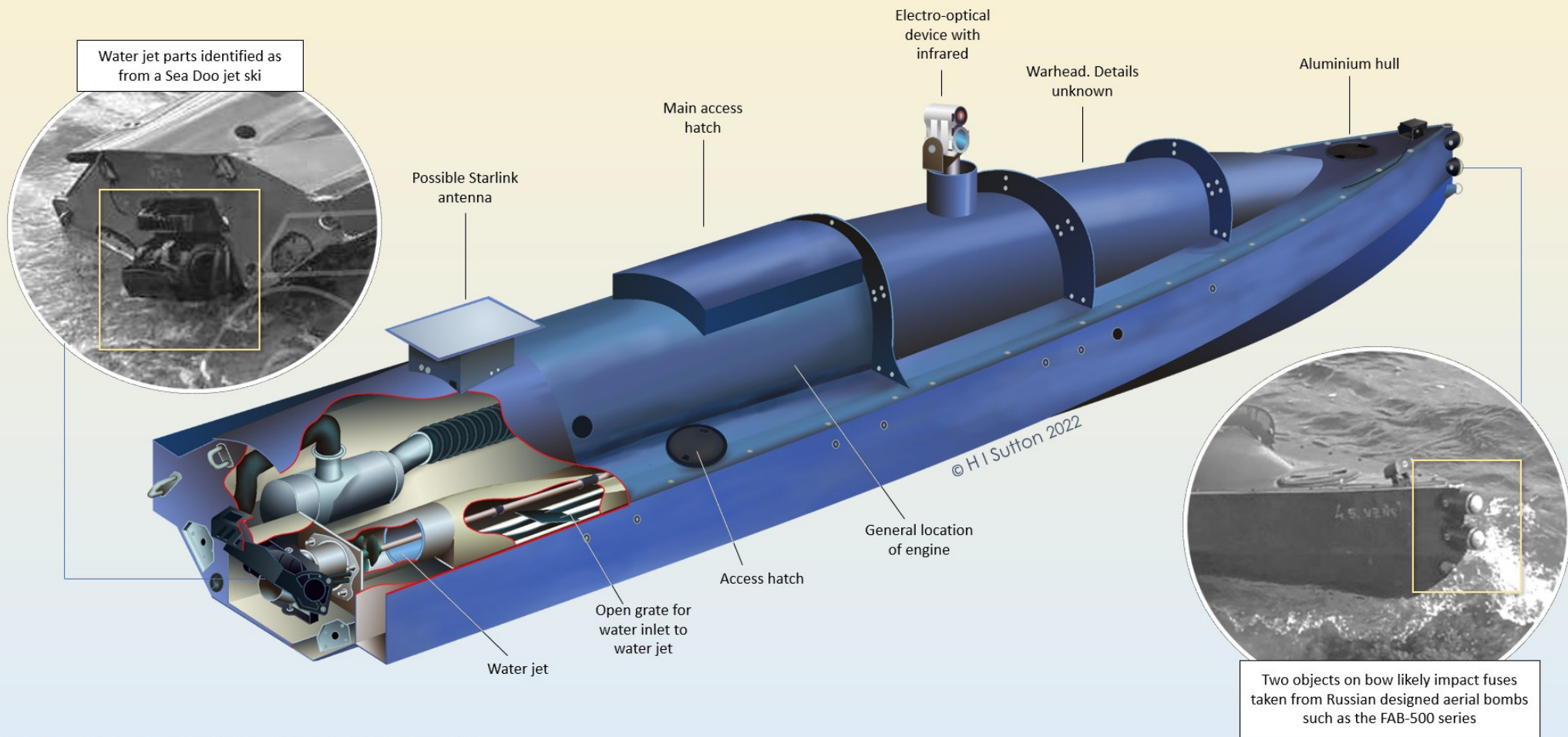
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Sea Drone

- Jet Ski
- Webcam
- StarLink
- Rudal Warhead



Explosive Uncrewed Surface Vessel (USV) Found Near Sevastopol, Crimea



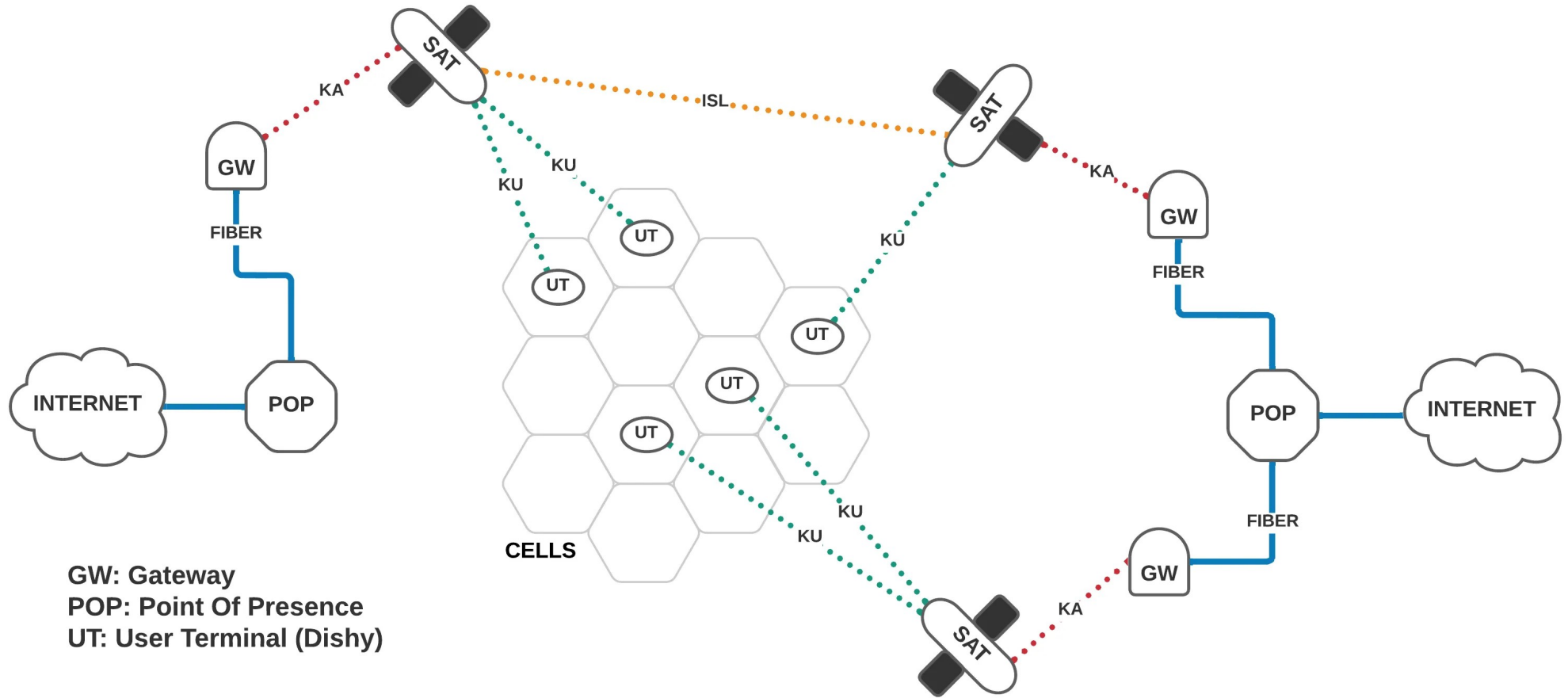


StarLink

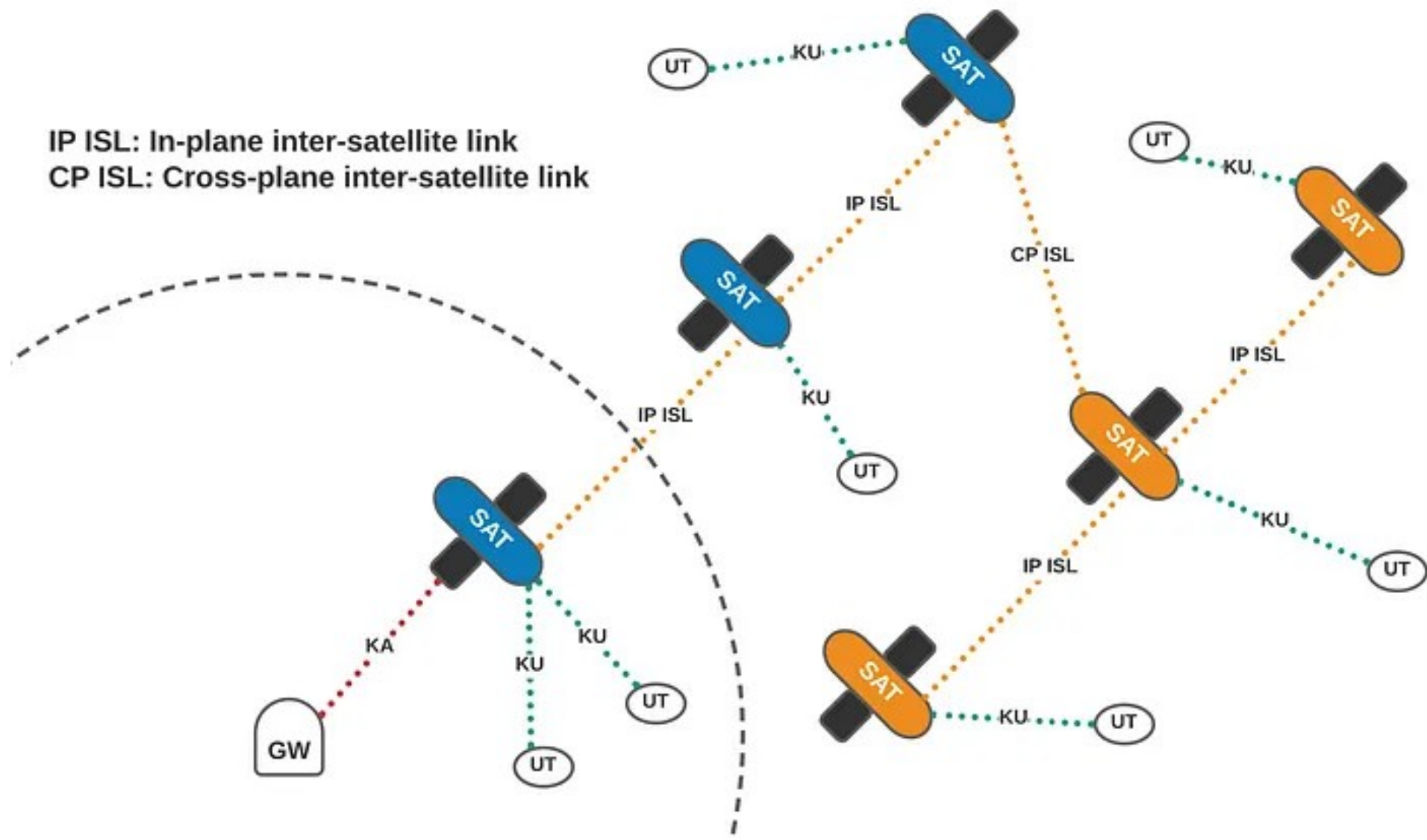
Performance

- Average download throughput ~170 Mbps
- Maximum download throughput ~330 Mbps
- Average upload throughput ~17 Mbps
- Maximum upload throughput ~60 Mbps
- Latency 30ms – 2s
- Percentage of time latency is below 90ms 98%
- Percentage of time latency is below 50ms 77%
- Down time 2.4%
- Average power consumption 105 W
- Peak power consumption 190 W





IP ISL: In-plane inter-satellite link
CP ISL: Cross-plane inter-satellite link



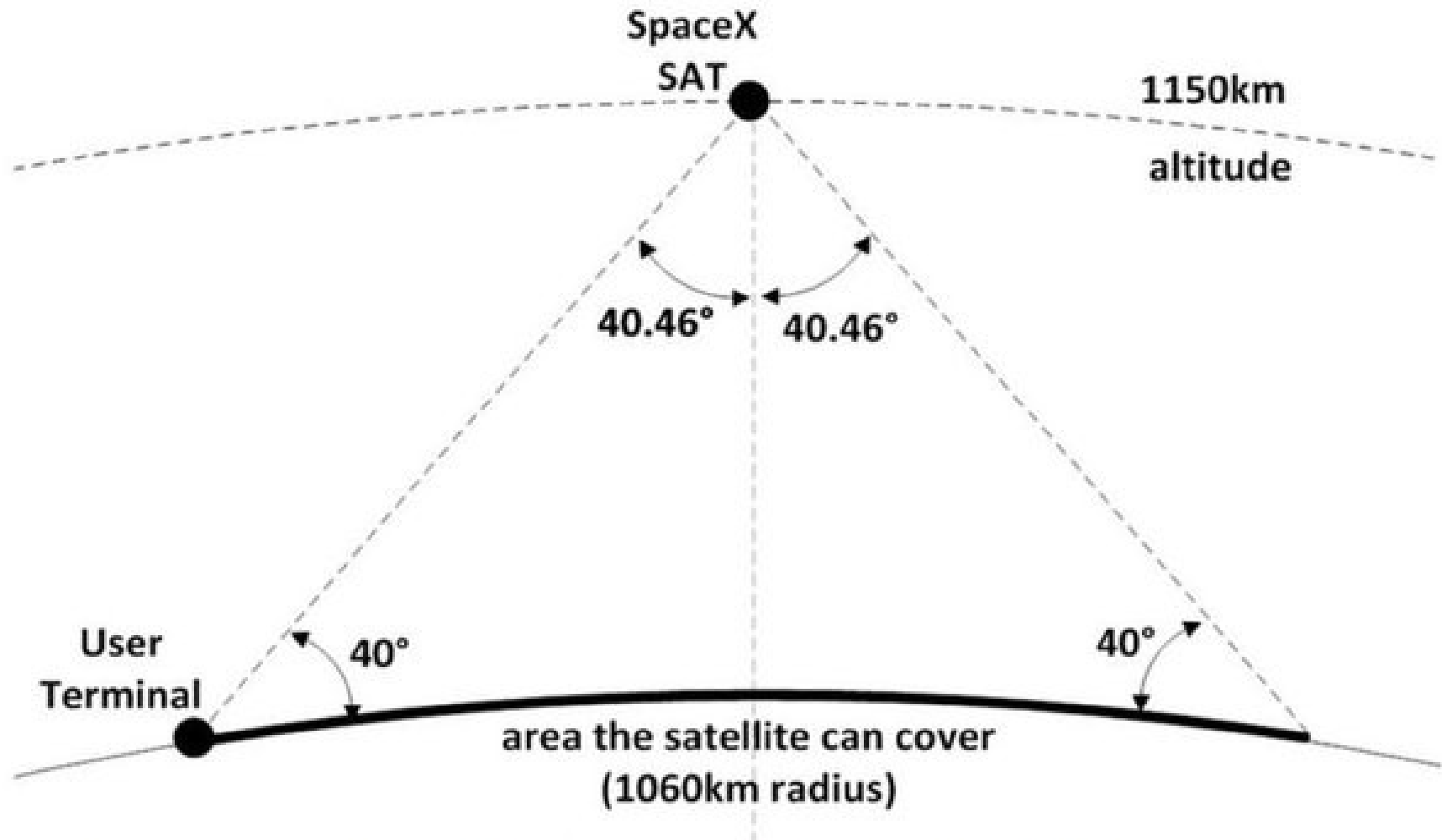
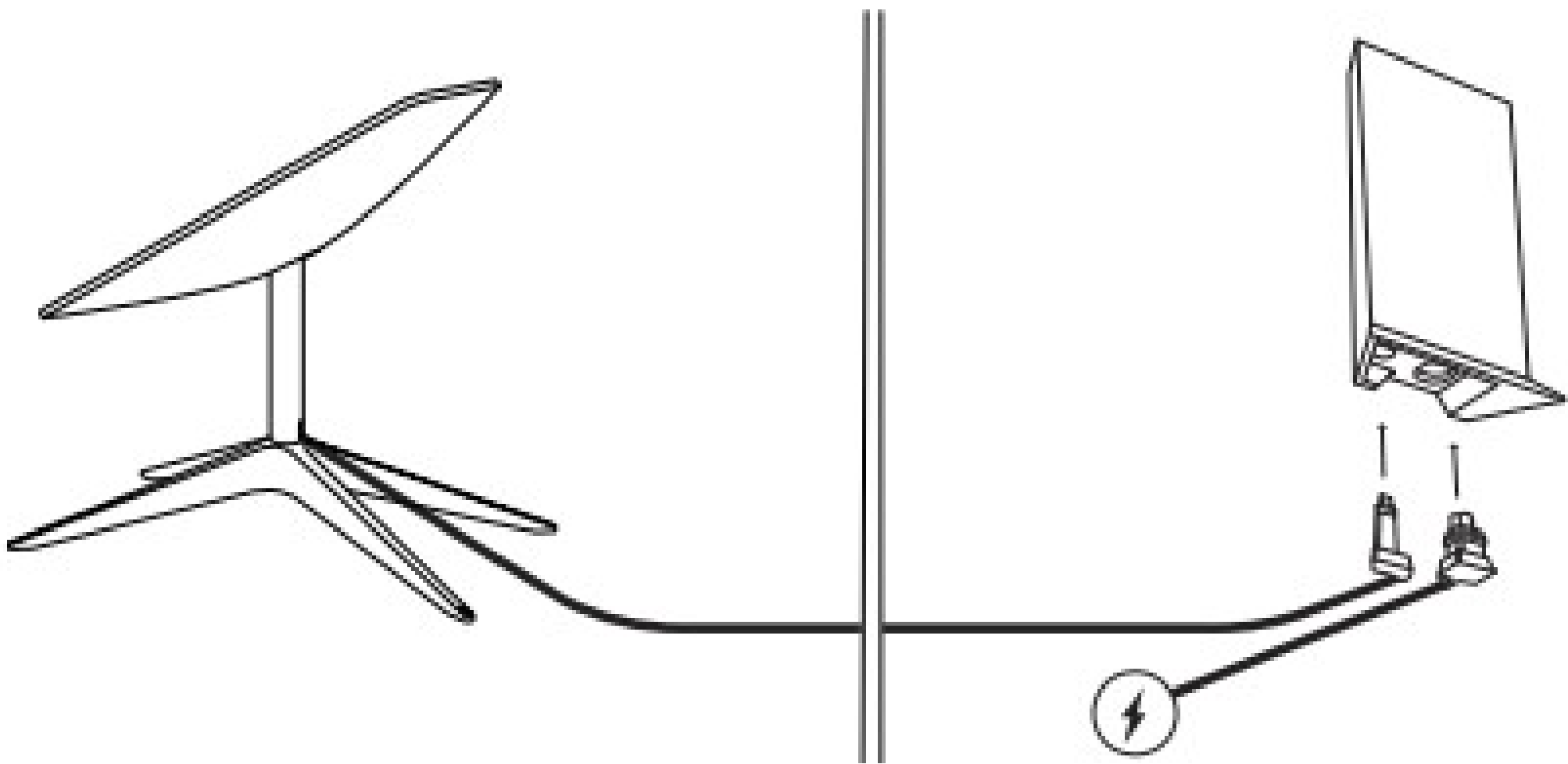


Figure A.3.1-1: Steerable Service Range of Ku-band Beams (1,150 km)

Gateway (GW) Starlink







← Cikarang Barat, ID - Almat GW →

Description

Cikarang Barat, ID - Almat GW

Notes

adjacent to NTT JKT3

Status

Built

Location

Cikarang Barat, Java, ID

Coords

-6.306293, 107.096755

Ka Operational

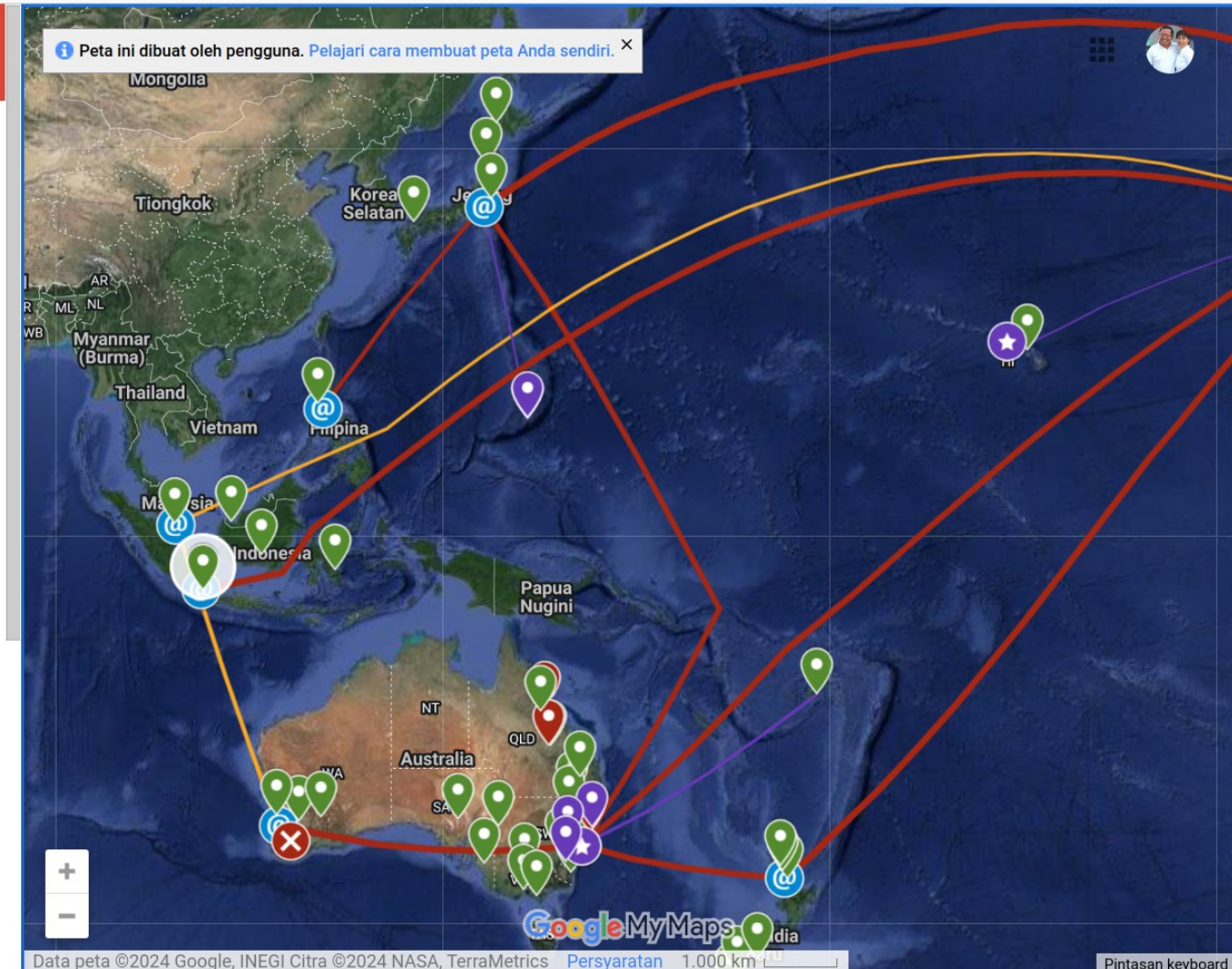
TRUE

E Operational

FALSE

Freq

Ka



CGK - JTNAIDN1

name

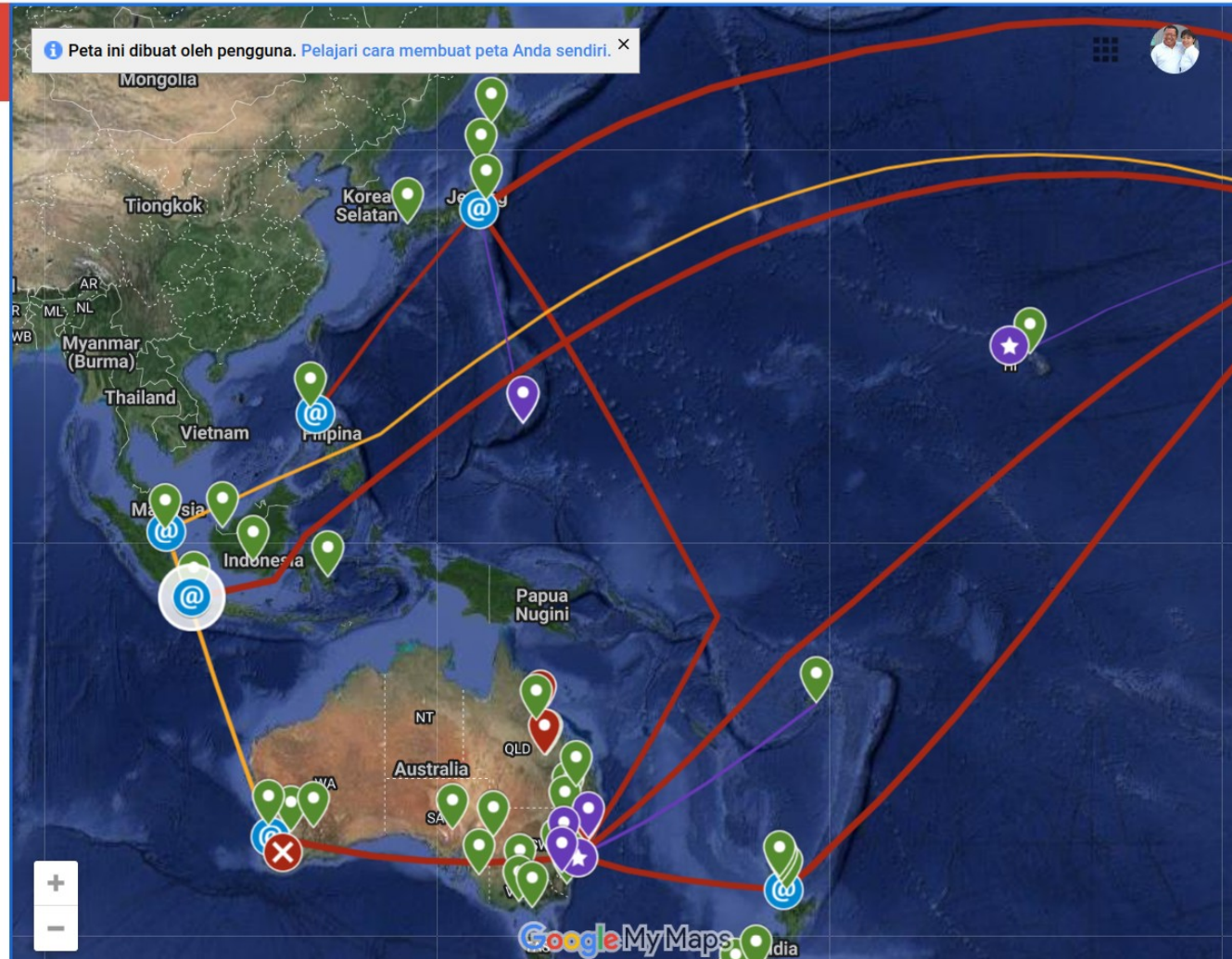
CGK - JTNAIDN1

description

AS45700 PT Starlink Services Indonesia

IIX-Jarkata: 2x 100G

JKT-IX: 2x 200G



PT Starlink Services Indonesia

AS Number **45700**

Website <https://www.spacex.com>



Overview

Prefixes

Connectivity

Whois

IX

Network status

Active, Allocated under APNIC

Network type

Eyeball

Prefixes Originated

7 IPv4, 0 IPv6

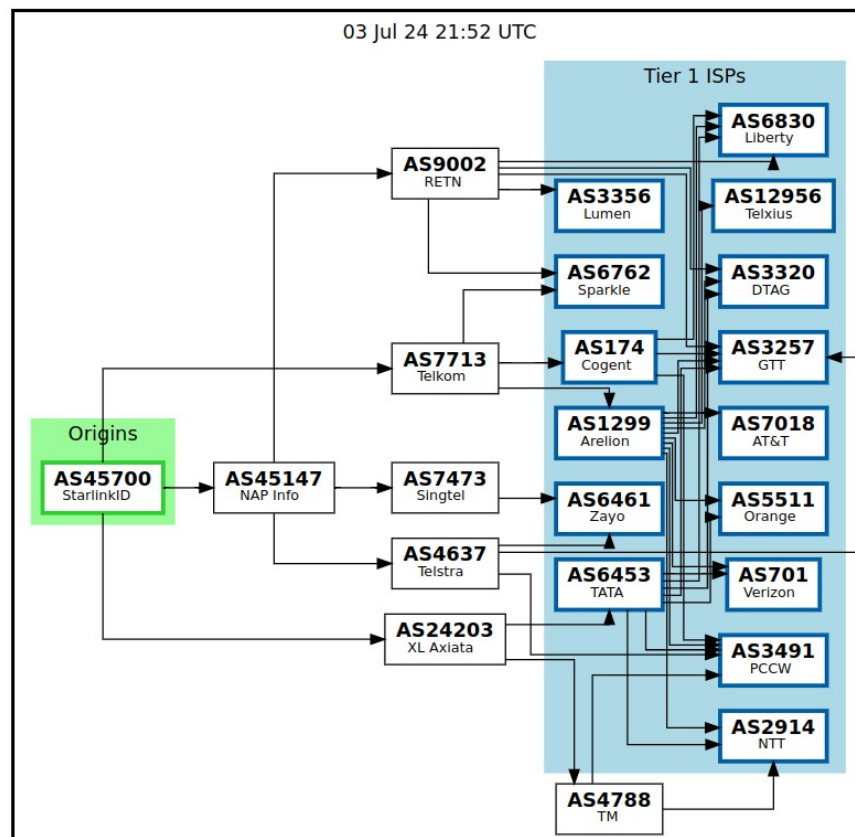
Upstreams

- [AS7713](#) - PT Telkom Indonesia Tbk
- [AS24203](#) - PT XL Axiata Tbk
- [AS45147](#) - PT NAP Info Lintas Nusa

Rankings

- #86 for [Estimated Eyeballs in Indonesia](#)

Global Aggregation



LAPAN A1, A2, A3, A5, SS1

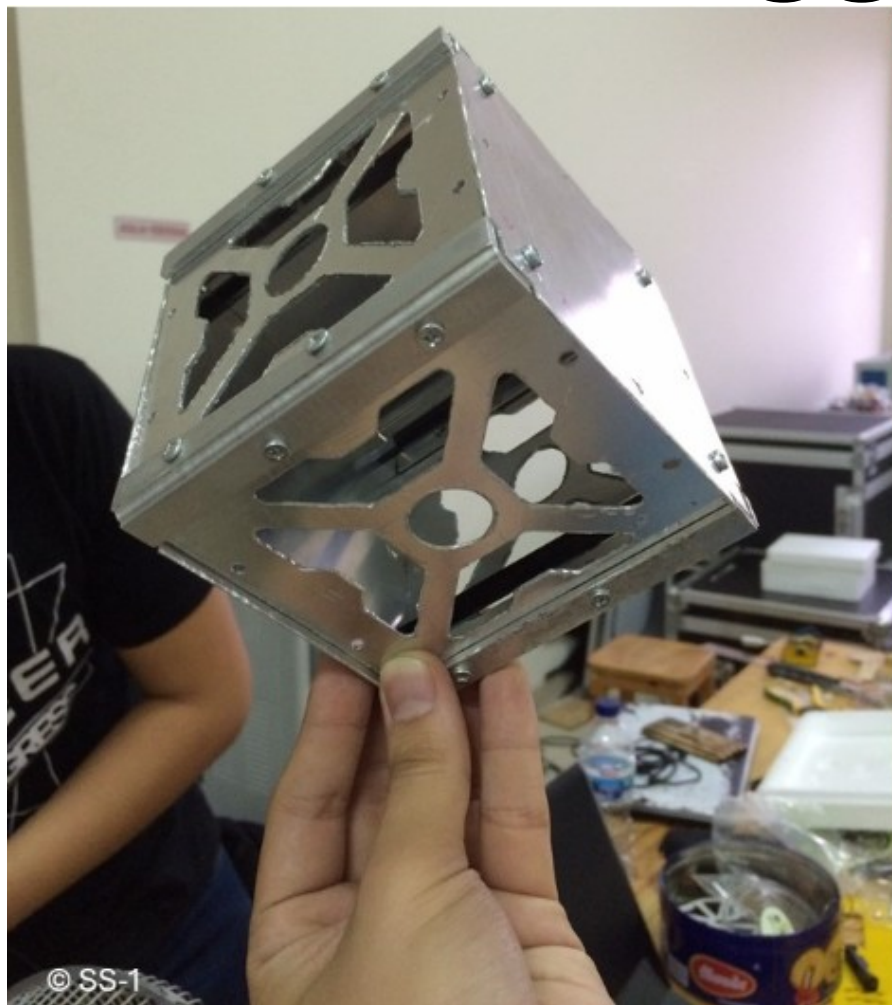
LAPAN A1



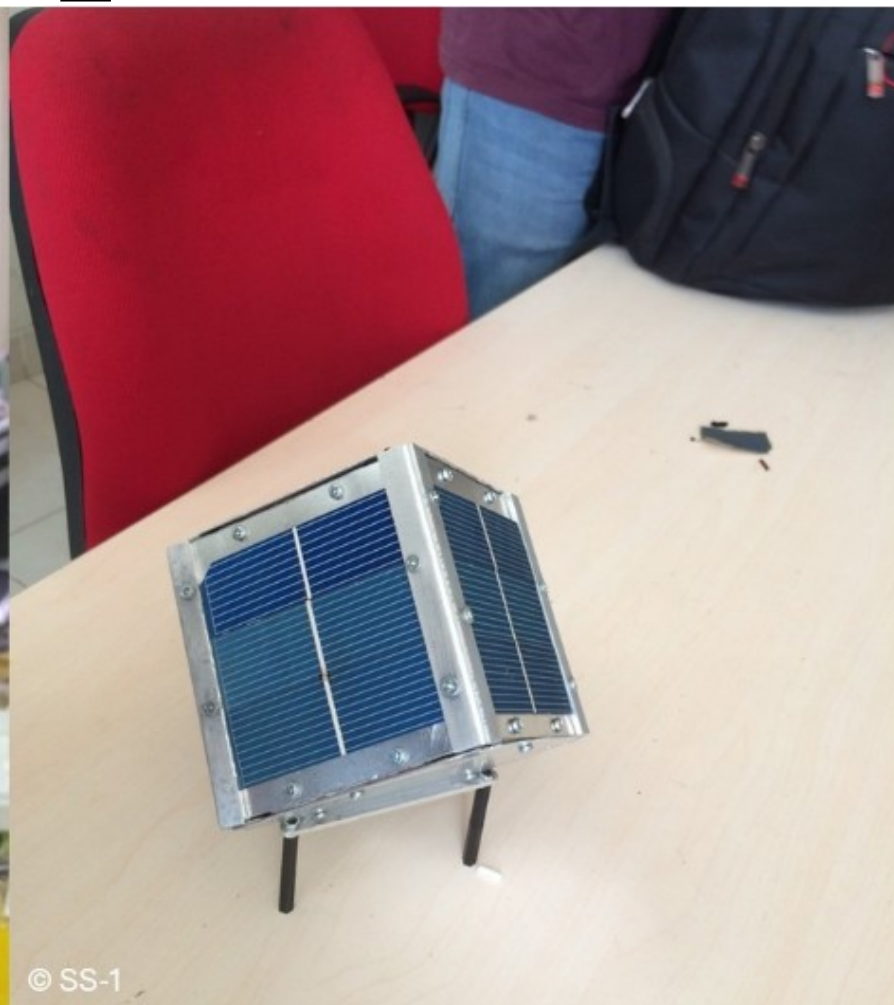
LAPAN A2



SS-1



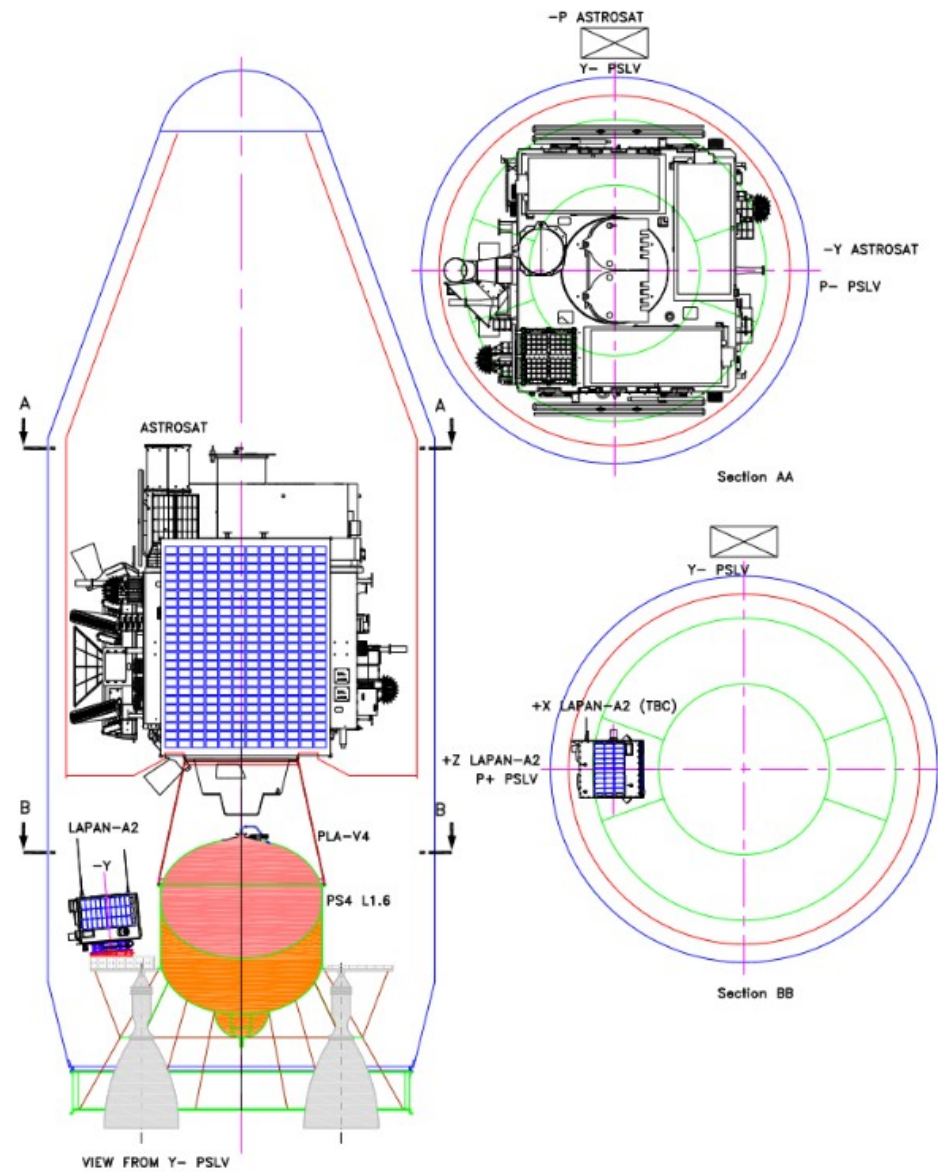
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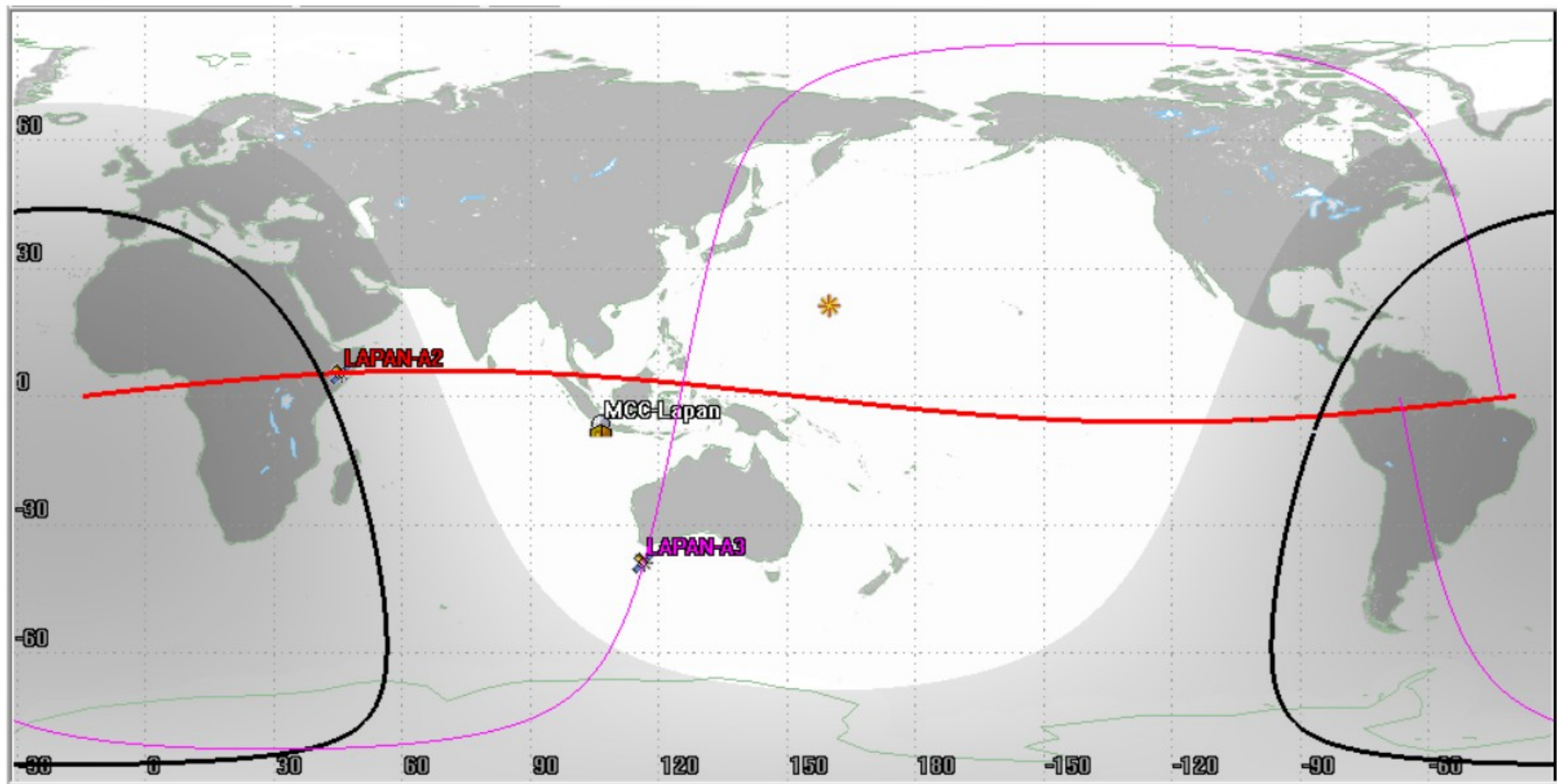


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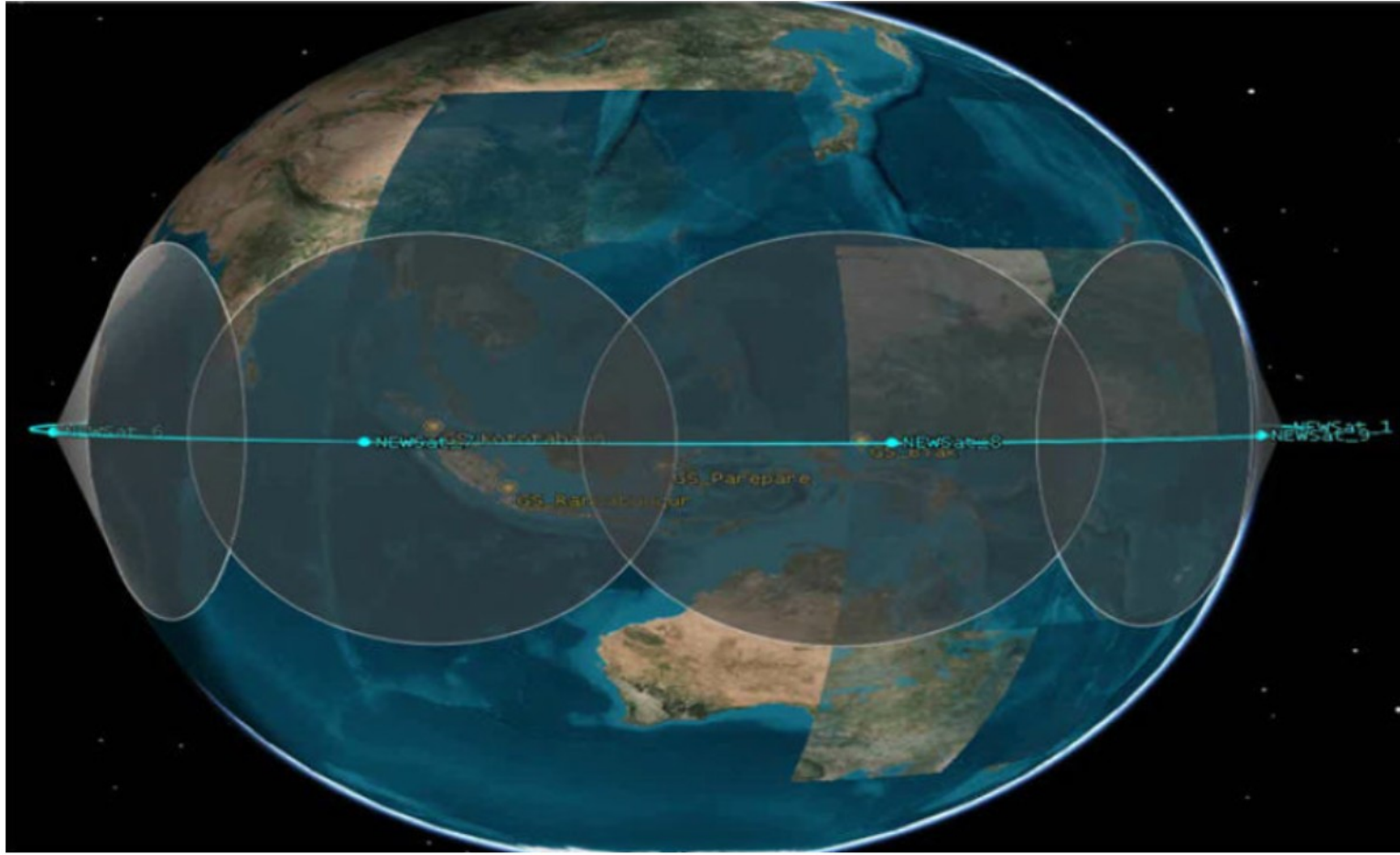








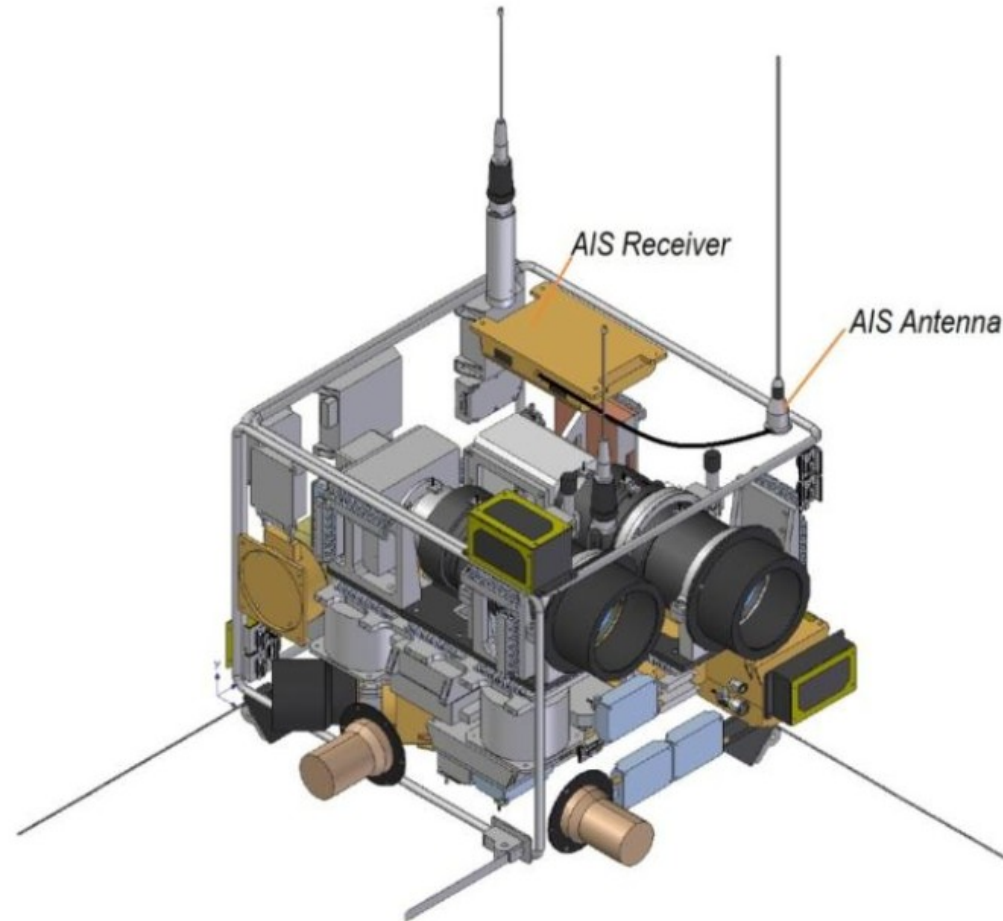
Konstalasi LAPAN A5 (5 LEO Sat)

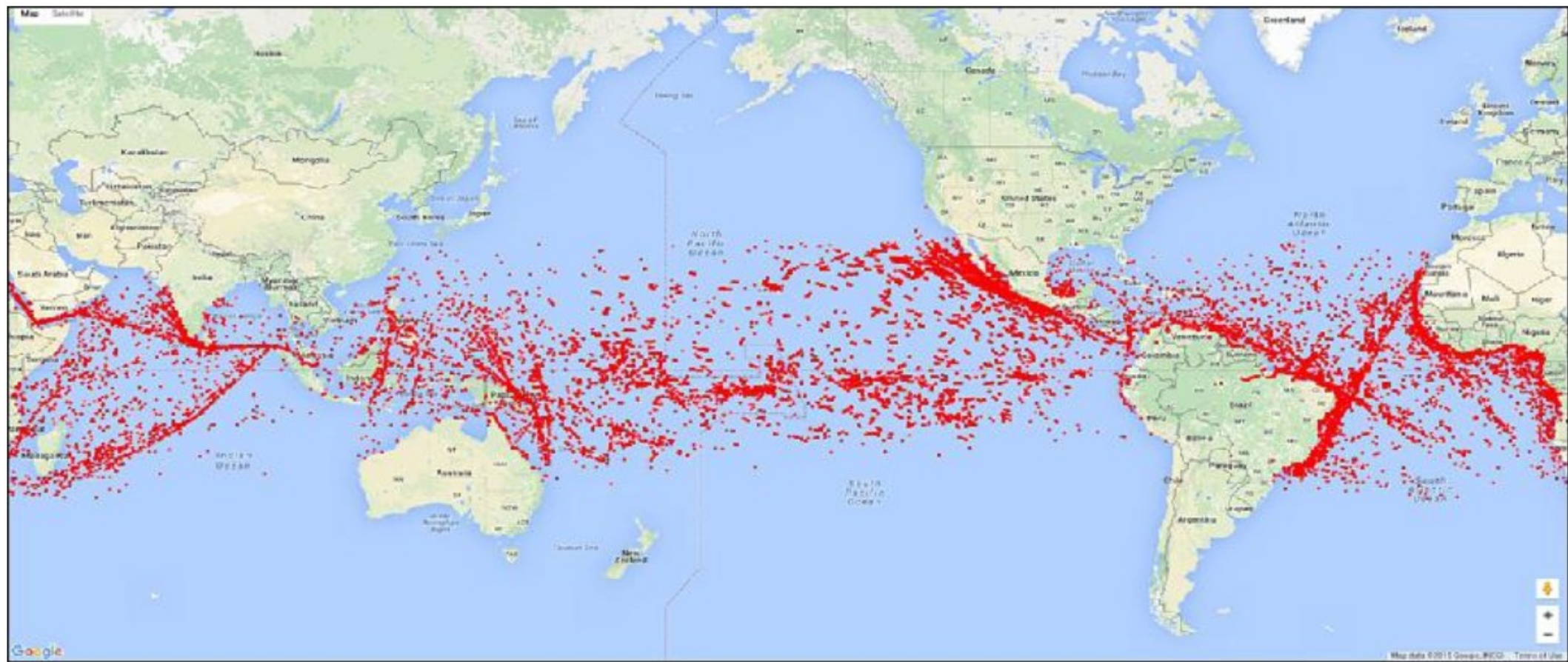




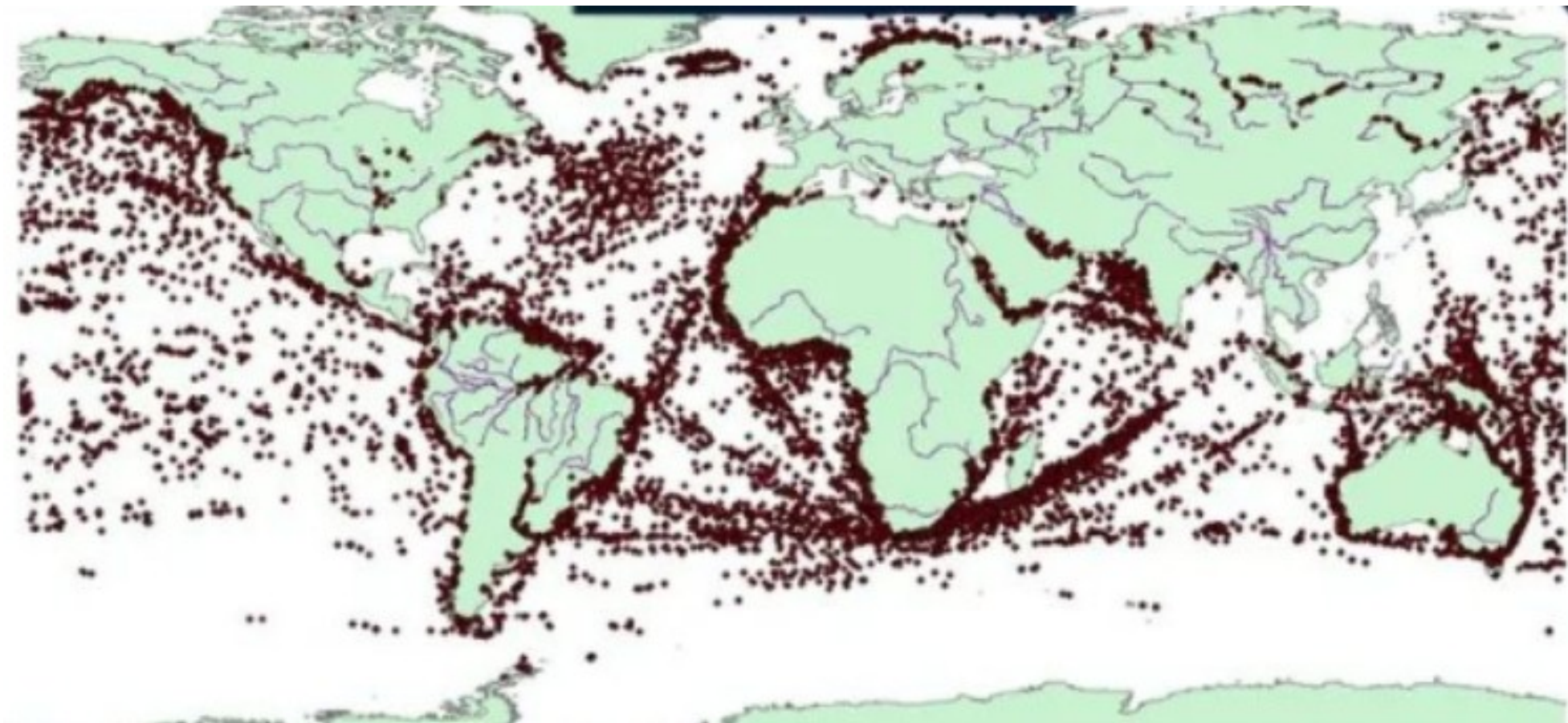


AIS on Board LEO Sat





AIS di LAPAN A3



AIS Operation System of LAPAN-A2 Satellite

