

## REFERENCE

- [1] Diskominfo of Magetan Regency, "The Number of Pupils in Indonesia Reaches 17,000," 2021. [Online]. Available: <https://kominfo.magetan.go.id/pulau-di-indonesia-increased-to-be-17-000/#:~:text=About%20island%20yang%20ada%20di,2020%20Indonesia%20own%2016,771%20islands>
- [2] ITU, "World Radiocommunication Conference 2023 (WRC-23)," 2023.
- [3] Telkom Institute of Technology Purwokerto, "Getting to Know the Base Transceiver Station Closer" 2023. [Online]. Available: <https://sltt.itelkom-pwt.ac.id/2023/12/10/mengenal-lebih-dekat-base-transceiver-station/>
- [4] Student Press Institute, Faculty of Computer Science, University of Brawijaya, "Remembering the History of the Launch of the Palapa Satellite," 2022. [Online]. Available: <https://display.ub.ac.id/artikel/mengingat-sejarah-peluncuran-satelit-palapa/#:~:text=Project%20Satellite%20Palapa%20dibuilt%20di,Singapore%20C%20Thailand%20dan%20Philippines>
- [5] KOMINFO, "Next Year, Indonesia Will Launch Three Satellites," 2022. [Online]. Available: [https://www.kominfo.go.id/content/detail/43350/tahun-front-indonesia-will-launch-three-satellite/0/berita\\_satker](https://www.kominfo.go.id/content/detail/43350/tahun-front-indonesia-will-launch-three-satellite/0/berita_satker)
- [6] Badan Pusat Statistik, "Perkembangan Transportasi Nasional November 2024," 2024.
- [7] Klasika Kompas, "Getting to Know 7 Types of Ships That Often Sail in Indonesia," 2020. [Online]. Available: <https://klasika.kompas.id/baca/jenis-kapal-yang-kerap-sailing-di-indonesia/>
- [8] Ministry of Defense of the Republic of Indonesia, "Minister of Defense Prabowo Hands Over Two Tank Transport Ships Produced by the Domestic Defense Industry to the Indonesian Navy," 2021. [Online]. Available: <https://www.kemhan.go.id/2021/10/26/menhan-Prabowo-hand-over-hand-over-two-ship-transport-tank-production-industrial-defense-in- negeri-kepada-tni-al.html>
- [9] ITU (Committed to connecting the world), "Satellite Issues: Earth Stations in Motion (ESIM)," 2022. [Online]. Available: <https://www.itu.int/en/mediacentre/backgrounders/Pages/Earth-Stations->

in-motion-satellite-issues.aspx

- [10] ITU, "Resolution 169 WRC-19". [Online]. Available: [https://www.itu.int/dms\\_pub/itu-r/oth/0C/0A/R0C0A00000F0056PDFE.pdf](https://www.itu.int/dms_pub/itu-r/oth/0C/0A/R0C0A00000F0056PDFE.pdf)
- [11] Ho-Kyung Son and Young-Jun Chong, "Analysis of the Interference Effects from Maritime Earth Stations in Motion to 5G Mobile Service," 2017.
- [12] KOMINFO-SDPPI Directorate General of Resources and Postal and Informatics Equipment, "GSO and NGSO Digital Connectivity Solutions," 2022. [Online]. Available: <https://www.postel.go.id/berita-gso-dan-ngso-solusi-konektivitas-digital-27-5763>
- [13] Hyun-Ki Kim, Yeongi Cho, Ernest Ahiagbe, and Han-Shin Jo, "Adjacent Channel Interference from Maritime Earth Stations in Motion to 5G Mobile Service," 2018.
- [14] Ministry of Communication and Information of the Republic of Indonesia, "Study of Ka-band Frequencies for Satellite Communication".
- [15] S. Roesdy, F. Kun, and R. Harry, "Calculation of Telkom-1 Stelit Link Budget," 2011. [Online]. Available: <https://journal.uhamka.ac.id/index.php/rektek/article/download/107/83>
- [16] KOMINFO (Research Team of the SDPPI Research and Development Center), "Study on Sharing IMT and FSS in the 3.4 – 4.2 GHz Band," 2018. [Online]. Available: [https://balitbangsdm.kominfo.go.id/publikasi\\_460\\_3\\_194](https://balitbangsdm.kominfo.go.id/publikasi_460_3_194)
- [17] Indonesia Data, "Indonesia's Sea Ship Passengers Reach 17.82 Million People in 2022," 2023. [Online]. Available: <https://dataindonesia.id/sektor-real/details/passenger-ship-indonesia-reach-1782-million-person-at-2022>
- [18] Directorate General of Sea Transportation, "Coordination Meeting on Foreign Sea Transportation, Ministry of Transportation Encourages Industrial Growth in International Trade," 2023. [Online]. Available : <https://hubla.dephub.go.id/home/post/read/15506/rakor-angkutan-laut-luar-negeri-kemenhub-dorong-pertumbuhan-industri-pelayaran-nasional-dalam-perdagangan-internasional>
- [19] ITU, "Non-geostationary satellite systems," 2021. [Online]. Available : <https://www.itu.int/en/mediacentre/backgrounders/Pages/Non-geostationary-satellite-systems.aspx>

- [20] KOMINFO, "Regulation of the Minister of Communication and Information Technology Number 13 of 201wrc concerning the Allocation Table of the Radio Frequencies Spectrum of Indonesia," 2018. [Online]. Available : [https://jdih.kominfo.go.id/produk\\_hukum/view/id/619/t/peraturan+menteri+komunikasi+dan+informatika+nomor+13+tahun+2018+tanggal+27+september+2018](https://jdih.kominfo.go.id/produk_hukum/view/id/619/t/peraturan+menteri+komunikasi+dan+informatika+nomor+13+tahun+2018+tanggal+27+september+2018)
- [21] KOMINFO, "No Longer Looking for Signals Thanks to the West Palapa Ring" 2019. [Online]. Available : <https://www.kominfo.go.id/content/detail/17462/tak-lagi-cari-sinyal-berkat-palapa-ring-barat/0/artikel>
- [22] Kompas, "12 Passengers of PLN's Logotic Transport Ship Found in Sitaro Waters of North Sulawesi, 10 Survived and 2 Died" 2024. [Online]. Available : <https://makassar.kompas.com/read/2024/01/23/222441378/12-penumpang-kapal-pengangkut-logistik-pln-ditemukan-di-perairan-sitaro>
- [23] KOMINFO, "Information Regarding Starlink Docking Rights Permits in Indonesia" 2022. [Online], Available : [https://m.kominfo.go.id/content/detail/42487/siaran-pers-no-249hmkominfo062022-tentang-keterangan-terkait-izin-hak-labuh-starlink-di-indonesia/0/siaran\\_pers](https://m.kominfo.go.id/content/detail/42487/siaran-pers-no-249hmkominfo062022-tentang-keterangan-terkait-izin-hak-labuh-starlink-di-indonesia/0/siaran_pers)
- [24] Fei Peng, Jun Yuan, Chen Fan, Fan Jiang, Qian Sun, Yudi Liu "Radio Regulation Development and Radio Spectrum Analysis of Earth Station in Motion Service" 2017.
- [25] Central Statistics Agency, "The Area of Forest Areas and Marine Conservation Areas in Indonesia By Letter decision Minister Milieu Live and Forestry," 2022. [Online]. Available: [https://www.bps.go.id/statictable/2013/12/31/1716/luas-kawasan-hutan-dan-Indonesia's\\_waters-conservation-based-letter-of-ministerial\\_decision-lingkungan-hidup-dan-kehutanan.html](https://www.bps.go.id/statictable/2013/12/31/1716/luas-kawasan-hutan-dan-Indonesia's_waters-conservation-based-letter-of-ministerial_decision-lingkungan-hidup-dan-kehutanan.html)
- [26] KOMINFO, "SATRIA-1 Satellite Successfully Launched, Let's Get to Know It Further!" 2023. [Online]. Available: <https://uptternate.postel.go.id/artikel/satelit-satria-1-berhasil-mengudara-ayo-kenalan-lebih-jauh>
- [27] Viasat, "ViaSat-3 Fact Sheet" 2022. [Online]. Available: <https://viasat.brightspotgocdn.com/9e/2e/d36a48b745f4b38b1feddefdcdd6/vs3-fact-sheet-1.pdf>

[28] P. Timothy, A. Jeremy, “Satellite Communications” 2020.