

Mobile & Wireless Roundup #22 (see original on [LinkedIn!](#))

By Zahid Ghadialy

Welcome to the 22nd edition of this newsletter. As the year is coming to an end, I am busy wrapping up my final projects for the year. Looking forward to some more exciting new projects in the new year. If there is anything I can help you or your company with, please do get in touch.

For those of you who don't know me, I am a technologist with over 23 years' experience in mobile wireless technology, currently working as an independent analyst, consultant and a trainer. This newsletter is a summary of my posts and others news that caught my attention since the last newsletter.



TIP Academy is the only learning platform for open and disaggregated and cloud- native curricula

TIP Academy is online and community-based

TIP Academy offers certifications

Join as an associate or as a company.

🕒 2023 Predictions

- Ookla's Take on Telco Trends in 2023 ([link](#))
- Analysys Mason's predictions for the consumer services market in 2023 ([link](#))
- Analysys Mason's predictions for the business telecoms market in 2023 ([link](#))

🕒 6G

- Free 6G Training: Videos and Slides from one6G Summit 2022 ([link](#))
- ITU-R Report M.2516, Future technology trends of terrestrial IMT systems towards 2030 and beyond, has recently been published by ITU ([link](#))
- Telecom TV: UK government pumps £110m into 5G, 6G R&D ([link](#))

🕒 5G

- 5GAmericas white paper exploring emerging XR uses and requirements via evolving 3GPP releases ([link](#))
- EPS Fallback Mechanism in 5G Standalone Networks ([link](#))
- Light Reading: Sisvel prices new 5G patent pool at 50 cents per device ([link](#))

- Telecoms.com: Overcoming the challenges telcos face on their journey to containerized network functions ([link](#))
- T-Mobile and Cisco Launch World's Largest Cloud Native Converged Core Gateway ([link](#))

🕒 2G/3G

- After talking about it for years, Telia Lietuva in Lithuania has finally switched off its 3G network ([link](#)) – you can also check out my Twitter thread of 2G/3G shutdowns [here](#).

🕒 Open RAN/vRAN

- SDX Central: Vodafone Bolsters Open RAN Silicon Efforts ([link](#))
- Fyuz Day 2 Breakout - O-RAN ALLIANCE and TIP: serving the Open RAN ecosystem ([part 1](#), [part 2](#))

🕒 Spectrum

- ETSI launches a new group on Terahertz, a candidate technology for 6G ([link](#))
- Private network spectrum in 3720-3800 MHz band available in Sweden from Jan 1, 2023 ([link](#) – in Swedish)
- Private network spectrum in 3800-4200 MHz band available in Norway from Jan 1, 2023 ([link](#) – in Norwegian)
- Light Reading: Dedicated spectrum beefs up private 5G ([link](#))

🕒 Private Networks

- Airtel partners Tech Mahindra to deploy captive private network at Mahindra's Chakan Facility in India ([link](#))

🕒 IoT / M2M / Smart Homes

- Tom Rebbeck on Twitter: "*Few bits and pieces on IoT and private networks in Ofcom's Connected Nations report. - IoT: 19m SIMs & 1.51PB of data per month (~80MB/SIM/month). - Private networks: 900 shared access licences issued, up from 550 in 2021. Almost all in England (91%) - https://www.ofcom.org.uk/data/assets/pdf_file/0034/249289/connected-nations-uk-report.pdf*" ([Tweet](#))

🕒 Connected And Autonomous Vehicles (CAVs)

- Cambridge Wireless (CW) Location SIG webinar: AI and Navigation ([link](#))

🕒 Smartphones, Devices, Wearables & Gadgets

- IEEE Spectrum: Miniscule Sensing Suite is a Big Step Towards Robotic Gnats ([link](#))
- The future of glasses powered by augmented reality ([Tweet](#) with video)
- MWL: XR market expected to struggle until 2024 ([link](#))

🕒 Satellite Connectivity

- Frank Royal: How the Different Direct-to-Handset Satellite Constellations Stack Up ([link](#))
- Gizmodo: Apple's Satellite Emergency Services Lead to Another Rescue ([link](#))
- Fyuz Day 2 Breakout: Integrating Satellite, HAPS, and Terrestrial Networks ([link](#))

🕒 Public Safety Networks

- Critical Communications Insights: The Netherlands Ministerie van Justitie en Veiligheid published a request for information from potential suppliers of a national Public Safety Broadband Network (PSBN) ([link](#))

🕒 Other News and Technology Stuff

- Fyuz 22: Built in India for the world - Bringing supply and demand ecosystem together... ([video](#))
- Digits to Dollars: How did TSMC get so good? ([link](#))
- MWL 2022 wrap-up video ([link](#))
- ETSI OSM launches Release THIRTEEN with a new scalable architecture for massive closed-loop operations ([link](#))

🕒 **Picture of the week:** Ibrahim Gedeon, CTO at TELUS, shared this picture from the UAE based operator, Du. By using solar powered masts, Du is able to reduce the power consumption for sites to 1/7th of typical consumption ([link](#)).



Happy to hear your thoughts. Feel free let me know what worked, what didn't, how I can make this better, etc. Get in touch over LinkedIn!

PDF version of this and previous newsletters are available [here](#).