

Mobile & Wireless Roundup #7

By Zahid Ghadialy

Welcome to the seventh edition of this newsletter. Summer holidays are coming to an end in the Western world and many forecasters are claiming that it will be a winter of discontent. The world is in a very strange place right now with some places suffering from extreme heat and drought while others are facing record rainfall and floods. With all these variables, let's hope that technology will help people one way or another.

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.

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📍 6G

- Free 6G Training: ATIS' Next G Alliance (NGA) Releases Two New Reports on 6G Distributed Cloud and Communications System, and Trust, Security and Resilience for 6G Systems ([link](#))

📍 5G

- The 3G4G Blog: DCCA (DC + CA) Features and Enhancements in 5G New Radio ([link](#))
- Connectivity Technology Blog: 4G/5G Campus Networks and their Challenges ([link](#))
- MWL: Ericsson, Nokia serve up 5G network slices on Android using new user equipment route selection policy (URSP) technology
- ICYMI: Network Slicing using User Equipment Route Selection Policy (URSP) ([link](#))
- Whitepaper: 5G Policy Control and Charging Strategies ([link](#))
- NTT Docomo in Japan announces the launch of 5G Standalone ([link](#))

📍 4G/LTE

- 3GPP SON Series: Minimization of Drive Testing (MDT) ([link](#))

📍 2G/3G

- CRN: Vodafone to sunset 3G by August 2024 ([link](#))
- ERR: Tele2, Elisa to also shut-down 3G networks ([link](#))

📍 Open RAN

- ICYMI: 'O-RAN Introduction for Beginners' is a series of blogs and videos that can help you learn about Open RAN ([link](#))
- Rakuten Mobile Open Innovation Lab established for Open vRAN technology verification ([link](#))
- O-RAN Massive MIMO Use Cases Technical Report (PDF download [link](#))

🕒 Private Networks

- ICYMI - AWS Edge to Power Private Networks and Industry 4.0 ([link](#))

🕒 Artificial intelligence & Machine Learning

- Telecom Regulatory Authority of India (TRAI) has released a consultation paper on Leveraging Artificial Intelligence and Big Data in Telecoms ([link](#))

🕒 Satellite Connectivity

- T-Mobile USA Takes Coverage Above and Beyond With SpaceX ([link](#)) – video [here](#).
- Light Reading: Did Elon Musk just upstage Tim Cook's big iPhone 14 surprise? ([link](#))

🕒 Wi-Fi

- Free Wi-Fi is now available to anyone across selected Telstra payphones in Australia ([link](#))

🕒 Other News and Technology Stuff

- Telecoms Infrastructure Blog: Rakuten Mobile and TEPCO Power Grid establish 'Rakuten Mobile Infra Solution' ([link](#))
- McKinsey Technology Trends Outlook 2022 ([link](#))
- Streaming Media Blog: Rate of Video Traffic Growth Declining Across CDNs and ISPs As OTT Services Optimize Encoding Bitrates, See Little Demand for 4K Quality ([link](#))
- Discussion on the same topic of peak data rates, etc. across telco networks ([link](#))
- Protocol: Why YouTube decided to make its own video chip ([link](#))
- Hackday: Integrated Circuit Manufacturing At Bell Labs In 1983 ([link](#))
- Telegeography: Meet the Cellcos Serving Rural America: Part 2 ([link](#))
- Digits to Dollars: Stuck between a rock and that rock ([link](#))
- Project Reveal: New research into North Korea's digital control system ([link](#))
- What is Data Observability? ([link](#)) - Andrew Burrell on Why observability is the next "big thing" in telecoms ([link](#))

🕒 **Picture of the week:** Telecom Infrastructure on top of Valluga Peak at Austrian Alps by Prof. Maziar Nekovee ([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!