

Mobile & Wireless Roundup #2

By Zahid Ghadialy

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

🕒 6G

- Free 6G Training: Deep Learning in the 6G Air Interface ([link](#))

🕒 5G

- The 3G4G Blog: APT 600 MHz Band Gets Approval from 3GPP for 5G ([link](#))
- Connectivity Technology Blog: GSMA Intelligence Holds 5G Fixed Wireless Access (FWA) MasterClass ([link](#))
- Optus, Nokia and MediaTek achieve first Australian 5G standalone data call with 4CC Carrier Aggregation ([link](#))
- Free 5G Training: Ericsson White Paper - 5G Advanced: Evolution towards 6G ([link](#))
- Interesting 5G Use Case from VF UK: The Vodafone 5G-enabled haptic suits ([video](#))
- Telecom TV: Now Deutsche Telekom takes its 5G core onto Google's Cloud ([link](#))
- Dell'Oro: Mobile Core Network Market Growth Forecasted at a 2% CAGR ([link](#))
- UK5G: 5G connected underwater cameras capture seaweed growth in Dorset ([link](#))
- ABI Research - 5G NR Coding Schemes: A New Start with a Long History ([link](#))
- New ATIS report: 3GPP Release 17 and UAV Applications ([link](#))

🕒 4G/LTE

- 3GPP SON Series: SON in 3GPP Release-9 – Self-optimization ([link](#))
- The 3G4G Blog: Tutorial on 4G/5G Mobile Network Uplink Working and Challenges ([link](#))

🕒 Open RAN

- O-RAN ALLIANCE Introduces 52 New Specifications Released since March 2022 ([link](#)). Summary on RCR Wireless [here](#).
- Back in May, Vodafone published Open RAN Systems Integration whitepaper [here](#). Gabriel Brown, Principal Analyst at Heavy Reading has reviewed it on Light Reading [here](#).

🕒 Private Networks

- China has over 5,000 private networks, probably more than the rest of the world combined. ([link](#))
- TelecomTV: Adani Group rattles India's 5G cage ([link](#))
- The Times of India Blog: What conflicts on spectrum, ownership and management of private networks mean for India ([link](#))

🕒 IoT / M2M

- The IoT MVNO M&A continues, as Wireless Logic acquires Mobius Networks – HT Matt Hatton ([link](#))
- Transforma Insights Report on IoT MVNOs from Nov 2021 ([link](#))

🕒 Security & Privacy

- New research paper, 'You have been warned: Abusing 5G's Warning and Emergency Systems' ([link](#))

🕒 Connected And Autonomous Vehicles (CAVs)

- Problems of Self-Driving Vehicles and How to Solve Them – Thought Leaders ([link](#))

🕒 Artificial intelligence & Machine Learning

- AWS Whitepaper: Guavus 5G-IQ NWDAF on AWS ([link](#))
- Mozilla has dropped Internet Health Report 2022, AI in Real Life - <https://2022.internethealthreport.org> – the report is a podcast this year but there are lots of interesting facts and statistics. If you want a quick summary, see the Twitter thread [here](#).
- Transforma Insights Tutorial on AI/ML ([link](#))

🕒 Other News and Technology Stuff

- ICYMI: 3GPP's Quarterly Magazine, 3GPP Highlights ([link](#))
- The Verge has a good video explainer: How Starlink and other satellite services are changing the shape of the internet ([link](#))
- Light Reading: Airbus' HAPS eyes success where Google and Facebook only found failure ([link](#))
- Radar is used in all kinds of areas, including autonomous vehicles. Plextek made a tutorial for us earlier this year. Details [here](#).
- On the same topic, Microwave Journal discussed Evolution of Radar with Jerome Patoux, Director of Marketing, Aerospace and Defense at Analog Devices. Video [here](#).
- 3G4G has a page dedicated to Vehicle to Everything (V2X) [here](#).
- Telecom TV: Ericsson has completed the \$6.2bn acquisition of Vonage, a vital part of its strategy to become a major player in the next-generation enterprise digital services sector ([link](#))
- Light Reading: Rakuten takes aim at VMware, and it's not the only threat ([link](#))
- Video - Telecoms Europe Tech & Strategy 2022: OSS – most significant piece of digitalization puzzle? Rakuten ([link](#))
- Dell'Oro: Optical Transport Equipment Vendor Facts & Figures ([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!