

Mobile & Wireless Roundup #34 (see original on [LinkedIn!](#))

By Zahid Ghadialy

Welcome to the 34th edition of this newsletter. I am still catching up on all MWC news, recaps, sessions, etc. Hopefully I will be done by the end of March. Many thanks to my contacts that sent me some excellent pictures from the MWC exhibit floor.

I am also delighted to inform you that I have been invited to chair 5G World Series' inaugural 6G Summit in Berlin on 26 April 2023. Details on my LinkedIn post [here](#). You can find my latest thoughts and other information on 6G that I happily share on the Free 6G Training blog.

For those of you who don't know me, I am a technologist with over 24 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.



🕒 MWC 2023 Recap/Summaries

- GSMA Intelligence Brief: What did we learn about 5G-Advanced at MWC23? ([link](#))
- Analyst Paolo Pescatore's summary of MWC 2023 ([link](#))
- MWC Barcelona 2023: UKTIN's highlights ([link](#))
- RCR Wireless: Test and Measurement: Greener RAN, Open RAN, NTN among the test showcases at MWC23 ([link](#))
- Dell'Oro: MWC 2023–RAN Market Key Takeaways ([link](#))

🕒 6G

- Free 6G Training: NGMN Alliance Whitepaper on '6G Requirements and Design Considerations' ([link](#))
- Light Reading: China dominates research in 6G and optical – report ([link](#))

🕒 5G

- Dell'Oro: Massive MIMO Slowed in 2022 – Still More Growth Ahead ([link](#))
- Operator Watch Blog: Nepal is Taking Right Steps in Direction of 5G ([link](#))

🕒 2G/3G

- Vodafone UK successfully retires 3G in Basingstoke and Plymouth ([link](#))
- Finland: DNA's 3G to be first shut down in Hyvinkää in May – phasing out old technology will free up bandwidths for 4G and 5G ([link](#))

🕒 Open & Disaggregated Networks (including Open RAN, vRAN, etc.)

- Alex Jinsung Choi on LinkedIn: O-RAN SMO - Who is in the driver's seat? ([link](#))
- Light Reading: Open RAN hits its awkward teenage years ([link](#))
- This whitepaper from Nokia explains "Look-Aside" and "In-Line" L1 accelerator options for Virtualized and Cloud RAN ([link](#))
- Telefonica's journey towards network softwarization and exposing network capabilities for future telco services ([link](#))
- Light Reading: Operators hold the course with open RAN ([link](#))

🕒 Private Networks

- RCR Wireless: Is private wireless overhyped? Experts weigh in at MWC 2023 ([link](#))
- Globalstar recently signed a strategic agreement with Qualcomm. As part of the collaboration, Qualcomm Technologies plans to make select Qualcomm FSM Platforms optimized to work with Globalstar's Band n53 terrestrial spectrum for private networks. ([link](#))
- RCR Wireless: Kyndryl sees high demand for "bullet-proof" private 5G for Industry 4.0 ([link](#))

🕒 Cloud & Edge

- Diginomica: How Ocado migrated its on-premise robotic control system to AWS on Christmas Eve ([link](#))

🕒 Security & Privacy

- Light Reading: Verizon, AT&T, T-Mobile, and Dish have all been targets of hacks this year ([link](#))

🕒 Connected And Autonomous Vehicles (CAVs)

- The Verge: Ford's self-repossessing car patent is a nightmare of the connected-car future ([link](#))

🕒 AI, ML & Automation

- Gary Kim on Twitter: "*#ChatGPT and other #GenerativeAI platforms are likely going to accelerate sales of general-purpose #GPUs, servers and a rearchitecting of data center architectures to support remote AI tasks.* <http://dlvr.it/SkkHXk>" ([Tweet](#))

🕒 Satellites, HAPS, Drones, UAVs & Space

- Connectivity Technology Blog: 5G NR-NTN Demos make a Debut at MWC 2023 ([link](#))
- Light Reading: Most satellite D2D services will fail, predicts Iridium CTO ([link](#))
- Orange and OneWeb sign agreement to enhance and expand global connectivity ([link](#))
- A Twitter thread looking at the superiority of AST SpaceMobile as compared to the competitors and how it can help close connectivity gap (Twitter [thread](#) with photos)

🕒 Wi-Fi

- KT, Intel, and Wi-Fi 7 technology for the first time as a telecommunications company ([link](#))

🕒 Metaverse

- A new report from Bloomberg Intelligence (BI) has found that a slowdown in consumer spending and a lack of standards may remain a drag on virtual and augmented reality adoption... in the short-term. ([link](#))

🕒 Sustainability

- ICYM this Green Future Networks whitepaper from NGMN - 'KPIs and Target Values for Green Network Assessment' ([link](#))
- TMN: How mobile operators can go green ([link](#))

🕒 Other News and Technology Stuff

- The 3G4G Blog: How many Cell Sites and Base Stations Worldwide? ([link](#))
- Gartner: Do Recent Layoffs Mean the Tech Talent Crunch Is Over? ([link](#))
- Light Reading: MWC party goes on amid the rubble of telecom ([link](#))
- Telecom TV: New report claims Beijing tries to “manipulate” the ITU ([link](#))
- MWL: KDDI develops underground base station ([link](#))

🕒 **Picture of the week:** Radio equipment theft is a big issue in Africa. These pictures highlight how some customers resort to home built cages to prevent their equipment being stolen. (Source [Tweet](#))



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](#).