**Release 15**

- **3GPP - September, 2019**

  - NR
  - The 5G System - Phase 1
  - Massive MTC and Internet of Things (IoT)
  - Vehicle-to-Everything Communications (V2X) Phase 2
  - Mission Critical (MC)
  - Interworking with legacy systems
  - Use of User Identifiers in the 5G System (UUI5)
  - Usage of User Identifiers in the 5G System (UUI5)

**Release 16**

- **The 5G System - Phase 2**
- **V2X Phase 3: Platooning, an enabled sensors, automated driving, remote driving**
- **Industrial IoT**
- **Ultra-Reliable and Low Latency Communication (URLLC) enhancements**
- **NR-based access to unlicensed spectrum**
- **3G Efficiency**

**Release 17**

- **Content Approval**
- **3GPP Work Areas under discussion at SA#85 (September 2019):**
  - 5G System Enhancement for Advanced Interactive Services (EIC, 2/3)
  - Cellular IoT Enhancement for the 5G System (SG, MCiC)
  - System enhancement for Proximity-based Services in 5G (SgPL ePC)
  - Enhancement of support for 5G LAN type service (5GLAN,serv)
  - Integration of Satellite in 5G Systems (5GSAT, SBCI, MCIoT)
  - Architectural enhancements for 5G multi-access broadcast services (MBMS)
  - Study on enhancement of support for 5G. Wireless and Wireless Convergence (WWC, 5WMF, serv)
  - Application Awareness Interworking between LTE and NR (AA, LTE NR)
  - Extended Access Traffic Steering (EATS), Switching and Splitting support in the 5G system architecture (EATS, ss)
  - 5G enhancement for unmanned aerial vehicles - UAVs (UAV)
  - Enhanced 5G for IMC (IMC, IMP, serv)
  - Enhancement to the 5GC Location Services - Phase 2 (5GLOC, Phase 2)
  - Enhanced support of non-public networks (NPN)
  - Enhancement of Network Slicing Phase 2 (5GS, 5NS, 5s)
  - Enhancement of 5G SAT (5GSA)
  - Architecure enhancements for 3GPP support of advanced V2X services - Phase 2 (5GSA, 5s)
  - Supporting Flexible Local Area Data Network (FLADN)
  - Supporting Flexible Local Area Data Network (FLADN)

- **5G Work Areas under discussion for Final decision at RAN#486 (December 2019):**
  - NR Light
  - Small data transfer optimization
  - Sidelink enhancements
  - NR above 52.6 GHz (incl. 60GHz unlicensed)
  - Multi SIM operation
  - NR multicast broadcast
  - Coverage enhancements
  - NR IoT amid eMTC enhancements
  - MIMO enhancements
  - NR for Non Terrestrial Networks
  - Integrated Access and Backhaul enhancements
  - Generic enhancements to NR-U
  - Power saving enhancements
  - RAN data collection enhancements
  - Positioning enhancements
  - Gigabytes per second

**3GPP - September, 2019**