Q13/15 is the group in SG15 responsible for Network synchronization and time distribution performance. Active since the 90s (sync for SDH in SG18).

Network synchronization performance specifications are essential for successful operation of digital transmission networks including the support of, for example, mobile networks.

Network timing performance standards are necessary to define the feasibility and most effective means of implementing a time reference distribution service. This includes the distribution of both precision time and frequency.

Q13/15 addresses:
- Networks Timing Needs (e.g., OTN, MTN)
- Timing needs of the End Applications (e.g., 5G Base Stations)
- Distribution of Time-Phase and Frequency
- Synchronization methods (e.g., over physical layer, via packets, GNSS)
- Network synchronization architectures
- Clocks
- PTP (IEEE 1588) profiles for telecom networks
- Network synchronization performance, redundancy, reliability, etc.