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|--|--|-------------|-------------------------------------|---------------------------------------|------------------|---|
| Mapping authorities Road authorities TC211 family | Commercial mapmakers TC204/GDF | C | omm Deliv TC2 | nercial/OEM rery centre 204/GDF | M | In-vehicle apping - C-ITS TC204/GDF |
| Dynamic (seconds): (Traffic lights) C-ITS | | | | | | |
| ISO 14813 C-ITS (TMC – Road-side) | | | ISO 14813 C-ITS | | ISO 14296: C-ITS | |
| | | | | | | |
| Semi-dynamic (minutes): (Congestions, events) DATEX II | | | TPEG or RDM-TMC | | | |
| Semi-static (hours:) (Roadwork, deviations) DATEXII/TN-ITS | | | TPEG or RDM-TMC | | | |
| Static (days): (Regulation, roads/lanes) TN-ITS | | | ISO 24099: Navigation data delivery | | | |
| ISO 19103 – 19109 family ISO 14825/20524: Geographic Data Files – GDF including Belt concept TS 20452: Store | | | | | | TS 20452: Storage |
| ISO 19148 Linear referencing ISO 17572: Location Referencing | | | | | | |
| | 21 November 2018 ISO/TC 211 Geographic inform | nation/Geom | atics | | 12 | |









