DRAF RSPG Opinion on spectrum related aspects for next-generation wireless systems (5G)

MEO welcomes the opportunity to contribute to RSPG's strategic roadmap towards 5G for Europe.

MEO considers that the roadmap should be developed to facilitate the launch of 5G on a large scale in Europe from 2020, with phased deployment 2020-2030.

MEO is of the view that all currently harmonised bands for mobile networks are equally relevant for the evolution towards 5G. Nevertheless, it is required to assess the suitability of current harmonised technical conditions to accommodate 5G on bands bellow 6 GHz (700MHz to 3.4 – 3.8 GHz).

MEO considers that global harmonization of frequency bands above 24 GHz is essential for the achievement of economies of scale in the ecosystem of equipments, networks and the European internal market. MEO suggests that it will also be required to take into account what other regions are planning in terms of band focus and 3GPP timeline for the development on the various frequency bands.

MEO agrees that prioritization of bands above 6GHz for 5G should focus on those bands that were suggested in the ECP for WRC-15 Agenda Item 10, in particular in the lower bands 24.5-27.5 GHz, 31.8-33.4 GHz and 40.5-43.5 GHz. Nevertheless, even with such prioritization on certain bands, other bands and respective sharing studies should not be disregarded.

MEO considers that some bands above 24 GHz may have advantages as initial bands for 5G and may be also subject to an early harmonisation process before WRC19.

MEO agrees that working groups on IoT, ITS and 5G need to address spectrum coordination issues among them.