Status: EU Directives are being published on this site to aid cross referencing from UK legislation. After IP completion day (31 December 2020 11pm) no further amendments will be applied to this version.

ANNEX II

PRINCIPLES FOR SPECIFICATIONS AND DEPLOYMENT OF ITS (as referred to in Articles 5, 6 and 8)

The adoption of specifications, the issuing of mandates for standards and the selection and deployment of ITS applications and services shall be based upon an evaluation of needs involving all relevant stakeholders, and shall comply with the following principles. These measures shall:

- (a) Be effective

 make a tangible contribution towards solving the key challenges affecting road transportation in Europe (e.g. reducing congestion, lowering of emissions, improving energy efficiency, attaining higher levels of safety and security including vulnerable road users);
- (b) Be cost- optimise the ratio of costs in relation to output with regard to meeting efficient objectives;
- (c) Be provide, where appropriate, for different levels of achievable service quality and deployment, taking into account the local, regional, national and European specificities;
- (d) Support ensure seamless services across the Union, in particular on the transcontinuity of services are deployed. Continuity of services should be ensured at a level adapted to the characteristics of the transport networks linking countries with countries, and where appropriate, regions with regions and cities with rural areas;
- (e) Deliver ensure that systems and the underlying business processes have the capacity to exchange data and to share information and knowledge to enable effective ITS service delivery;
- (f) Support ensure, where appropriate, the capability for ITS systems to work with existing systems that share a common purpose, without hindering the development of new technologies;
- (g) Respect take into account the inherent differences in the transport network existing national characteristics, in particular in the sizes of the traffic volumes and in network network
- characteristics
 (h) Promote do not impede or discriminate against access to ITS applications and equality of access services by vulnerable road users;
- (i) Support demonstrate, after appropriate risk assessment, the robustness of innovative ITS systems, through a sufficient level of technical development and operational exploitation;
- (j) Deliver quality use of satellite-based infrastructures, or any technology providing of timing and positioning equivalent levels of precision for the purposes of ITS applications and services that require global, continuous, accurate and guaranteed timing and positioning services;
- (k) Facilitate inter— take into account the coordination of various modes of transport, where modality appropriate, when deploying ITS;
- (l) Respect take into account existing Union rules, policies and activities which are coherence relevant in the field of ITS, in particular in the field of standardisation.