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| RESOLUTION GSC-15/14: (Plenary) Intelligent Transport Systems (ITS) Task Force (revised) |

The 15th Global Standards Collaboration meeting (Beijing, 30 August – 2 September 2010)

**Recognizing:**

1. the continuing activities of the GSC ITS Task Force.

**Considering:**

1. that the lifetime of vehicles exceeds that of any particular generation of public wireless networks;
2. that vehicle manufacturers in each part of the world design and manufacturer vehicles for others parts of the world;
3. that there are very large vehicle populations;
4. that cooperative ITS systems support vehicle safety, traffic efficiency, and sustainability using vehicle-to-vehicle and vehicle-to-infrastructure communications;
5. that there are many of public communication infrastructures (fixed and/or wireless) which are useful for supporting vehicle communications;
6. that the United Nations (UN) General Assembly adopted a Resolution (A/RES/64/255) on improving global road safety which proclaims the period 2011-2020 as the “Decade of Action for Road Safety;” and that the ITU Council in 2010 adopted Resolution 1318 on "ITU's role in ICTs and improving road safety";;
7. that international harmonisation of standards for ITS communications is desirable in advance of deployment of vehicles using such communications;
8. that many governments have made reducing traffic fatalities and injuries, improving traffic efficiency, and achieving sustainable driving their priorities;
9. that vehicle crashes can be reduced by communicating information about dangerous conditions to vehicles, or by communicating directly with vehicles to provide safety-related services;
10. that driver distraction and road-user behaviour, including the use of electronic devices is a leading contributor to road traffic fatalities and injuries;
11. that new wireless access technologies, including TD-LTE, may support deployment of cooperative ITS functions as well as other services such as vehicle-to-grid communication;
12. that several key issues to enable such services require international coordination and coordination between and among Participating Standards Organizations (PSOs);
13. that ITU-T APSC TELEMOV is chartered as a cooperation group on all aspects of standardization related to telecommunications within and for vehicles and has been hosting the GSC ITS Task Force since GSC-11 (see: [www.itu.int/ITU-T/special-projects/apsc/special-actions.html](http://www.itu.int/ITU-T/special-projects/apsc/special-actions.html)); and
14. that the GSC ITS Task Force has delivered a set of recommendations for standards collaborations activities.

**Resolves:**

1. To further increase the global coordination of standardization activities for cooperative ITS;
2. to endorse the continuation of the GSC ITS Task Force hosted by ITU-T APSC TELEMOV and requests the Task Force to:
   1. serve as a coordination point for global ITS standardisation activities by identifying priority ITS communications standards areas and in particular to recommend and facilitate specific mechanisms for this coordination;
   2. develop a coordinated roadmap for ITS communications standardisation activities providing for worldwide interoperability and a basis for harmonised implementation and deployment of ITS;
   3. make recommendations to GSC on related spectrum issues and technologies for cooperative ITS, including an approach for development of specific ITS protocols to support cooperative ITS using the 5.8/5.9 GHz band and VHF/UHF bands such as 700 MHz;
   4. make recommendations to GSC on related standards that will help reduce driver distraction and improve road-user behaviour thus increasing vehicle safety;
   5. study new standardised wireless access technologies, including the possibility of applying TD-LTE, for vehicle-to-vehicle and vehicle-to-infrastructure cooperative systems in the 5.8/5.9 GHz and 700 MHz bands allocated to ITS in different regions of the world; and
   6. report on progress in each of these areas at the next GSC meeting; and
3. to request the Participating Standards Organisations to actively participate in the coordination activities of the regional ITS standardisation activities and participate in the GSC ITS Task Force providing their national/regional activities in each of the topic areas progress.

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