



ITS Standards – Scope and Conformance Requirements

Chair : R.Williams

ITS Standards – Scope and Conformance Requirements

Could you please provide ‘the scope’ and ‘relevance of conformance requirements’ for each ITS standard approved or under development by your working group (liaison organizations)? Use this format for each ITS standard.

WG/Organization	European Telecommunications Standards Institute (ETSI) ERM
Number	ETSI EN 300 674 V1.1.1 (1999-02)
Title	ElectroMagnetic Compatibility and Radio Spectrum Matters (ERM);Road Transport and Traffic Telematics (RTTT);Technical characteristics and test methods for Dedicated Short Range Communication (DSRC) transmission equipment (500 kbit/s / 250 kbit/s) operating in the 5,8 GHz Industrial, Scientific and Medical (ISM) band
Scope	<p>The present document specifies radio parameters which are necessary for the efficient use of the radio spectrum and for the purpose of type approval. This includes methods of measurements for verifying the limits stated in the present document.</p> <p>The present document applies to 5,8 GHz Short Range Devices (SRDs) for use in Road Transport Traffic and Telematics (RTTT):</p> <ul style="list-style-type: none"> - with a Radio Frequency (RF) output connection and specified antenna or with an integral antenna; - for data transmission only; - operating on radio frequencies in the 5 725 MHz to 5 875 MHz Industrial, Scientific and Medical (ISM) band. <p>The applicability of the present document covers both the Road Side Units (RSUs) and the On Board Units (OBUs) with transceivers and transponders.</p> <p>The present document does not necessarily include all the characteristics which may be required by a user, nor does it necessarily represent the optimum performance achievable.</p>



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	<p>The present document complies with ERC/DEC/(92)02 [2] and CEPT/ERC Recommendation 70-03 [3]. It is a specific standard covering various RTTT applications. For non-harmonized parameters, national regulatory conditions may apply regarding the type of modulation, channel / frequency separation, maximum transmitter output power / effective radiated power, equipment marking as a condition of the issue of an individual or general license, or, as a condition of use under license exemption. Additional standards or specifications may be required for equipment such as that intended for connection to the Public Switched Telephone Network (PSTN) or other systems.</p>		
Relevance of Conformance Requirements	Category	Yes	No
	(a) <u>Objective</u> of this standard is to define conformance requirements	X	
	(b) (If no in question (a)) This standard <u>includes</u> some clauses on conformance requirements	(clause no:)	
	(c) (If no, in question (a) and (b)) This standard is recommended to develop its conformance requirements in the future		

* *Submitted by (please contact following person for further information):*

Name	Bob Williams
Position	Chairman ETSI ERM TG37 (ITS)
Affiliation	
Country	
Email/Phone	bw@2-csi.com +44 1422 883 882



ETSI ERM TG37 Intelligent Transport Systems

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WG/Organization	European Telecommunications Standards Institute (ETSI) ERM
Number	ETSI EN 300 674-1 V1.2.1 (2004-08)
Title	Electromagnetic compatibility and Radio spectrum Matters (ERM);Road Transport and Traffic Telematics (RTTT);Dedicated Short Range Communication (DSRC) transmission equipment (500 kbit/s / 250 kbit/s) operating in the 5,8 GHz Industrial, Scientific and Medical (ISM) band;Part 1: General characteristics and test methods for Road Side Units (RSU) and On-Board Units (OBU)
Scope	<p>The present document applies to Road Transport and Traffic Telematics (RTTT) wireless systems:</p> <ul style="list-style-type: none"> - with or without antenna connectors; - for digital data transmission; - operating on radio frequencies in the 5,725 GHz to 5,875 GHz Industrial, Scientific and Medical (ISM) frequency band. <p>The applicability of the present document covers both the Road Side Units (RSUs) and the On-Board Units (OBUs) with transceivers and transponders.</p> <p>The present document complies with ECC/DEC/(02)01 [Error! Reference source not found.] and CEPT/ERC/REC 70-03 [Error! Reference source not found.]. It is a specific standard covering various RTTT applications.</p> <p>Additional standards or specifications may be required for equipment such as that intended for connection to the Public Switched Telephone Network (PSTN) or other systems.</p>



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WG/Organization	European Telecommunications Standards Institute (ETSI) ERM
Number	ETSI EN 300 674-2-1 V1.1.1 (2004-08)
Title	Electromagnetic compatibility and Radio spectrum Matters (ERM);Road Transport and Traffic Telematics (RTTT);Dedicated Short Range Communication (DSRC) transmission equipment (500 kbit/s / 250 kbit/s) operating in the 5,8 GHz Industrial, Scientific and Medical (ISM) band;Part 2: Harmonized EN under article 3.2 of the R&TTE Directive;
Scope	<p>The present document applies to Road Transport and Traffic Telematics (RTTT) systems:</p> <ul style="list-style-type: none"> - with a Radio Frequency (RF) output connection and specified antenna or with an integral antenna; - for data transmission only; - operating on radio frequencies in the 5 725 MHz to 5 875 MHz Industrial, Scientific and Medical (ISM) frequency band. <p>The applicability of the present document covers only the Road Side Units (RSUs). The present document does not necessarily include all the characteristics which may be required by a user, nor does it necessarily represent the optimum performance achievable. The present document complies with ECC/DEC/(02)01 [Error! Reference source not found.] and CEPT/ERC/REC 70-03 [Error! Reference source not found.]. It is a specific standard covering various RTTT applications. The present document applies to the following radio equipment types operating in all or in part of the following</p>



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service frequency bands given in table 1.

Table 1: Frequency bands and centre frequencies f_{Tx} allocated for DSRC

	Pan European Service Frequencies	National Service Frequencies
Channel 1	5,795 GHz to 5,800 GHz, f_{Tx} = 5,7975 GHz	
Channel 2	5,800 GHz to 5,805 GHz, f_{Tx} = 5,8025 GHz	
Channel 3		5,805 GHz to 5,810 GHz, f_{Tx} = 5,8075 GHz
Channel 4		5,810 GHz to 5,815 GHz, f_{Tx} = 5,8125 GHz

The present document is intended to cover the provisions of Directive 1999/5/EC (R&TTE Directive) [**Error! Reference source not found.**] article 3.2, which states that "... radio equipment shall be so constructed that it effectively uses the spectrum allocated to terrestrial/space radio communications and orbital resources so as to avoid harmful interference". In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the R&TTE Directive [**Error! Reference source not found.**] will apply to equipment within the scope of the present document.

Relevance of Conformance Requirements	Category	Yes	No
	(a) <u>Objective</u> of this standard is to define conformance requirements	X	
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Email/Phone	bw@2-csi.com +44 1422 883 882



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WG/Organization	European Telecommunications Standards Institute (ETSI) ERM
Number	ETSI EN 300 674-2-2 V1.1.1 (2004-08)
Title	Electromagnetic compatibility and Radio spectrum Matters (ERM);Road Transport and Traffic Telematics (RTTT);Dedicated Short Range Communication (DSRC) transmission equipment (500 kbit/s / 250 kbit/s) operating in the 5,8 GHz Industrial, Scientific and Medical (ISM) band;Part 2: Harmonized EN under article 3.2 of the R&TTE Directive;
Scope	<p>The present document applies to Road Transport and Traffic Telematics (RTTT) systems</p> <ul style="list-style-type: none"> - with a Radio Frequency (RF) output connection and specified antenna or with an integral antenna; - for data transmission only; - operating on radio frequencies in the 5,725 GHz to 5,875 GHz Industrial, Scientific and Medical (ISM) frequency band. <p>The applicability of the present document covers only the On Board Units (OBUs). The present document does not necessarily include all the characteristics which may be required by a user, nor does it necessarily represent the optimum performance achievable. The present document complies with ECC/DEC/(02)01 [Error! Reference source not found.] and CEPT/ERC/REC 70-03 [Error! Reference source not found.]. It is a specific standard covering various RTTT applications. The present document applies to the following radio equipment types operating in all or in part of the following</p>



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service frequency bands given in table 1:

Table 2: Frequency bands and centre frequencies f_{Tx} allocated for DSRC

	Pan European Service Frequencies	National Service Frequencies
Channel 1	5,795 GHz to 5,800 GHz, f_{Tx} = 5,7975 GHz	
Channel 2	5,800 GHz to 5,805 GHz, f_{Tx} = 5,8025 GHz	
Channel 3		5,805 GHz to 5,810 GHz, f_{Tx} = 5,8075 GHz
Channel 4		5,810 GHz to 5,815 GHz, f_{Tx} = 5,8125 GHz

The present document is intended to cover the provisions of Directive 1999/5/EC [**Error! Reference source not found.**] (R&TTE Directive) article 3.2, which states that "... radio equipment shall be so constructed that it effectively uses the spectrum allocated to terrestrial/space radio communications and orbital resources so as to avoid harmful interference". In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the R&TTE Directive [**Error! Reference source not found.**] will apply to equipment within the scope of the present document.

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	(a) <u>Objective</u> of this standard is to define conformance requirements	X	
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Country	
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WG/Organization	European Telecommunications Standards Institute (ETSI) ERM TG37 (ITS)		
Number	(Under Development) Work Item : DTS/ERM-TG37-001-1		
Title	Electromagnetic compatibility and Radio spectrum Matters (ERM); Road Transport and Traffic Telematics (RTTT); Test specifications for Dedicated Short Range Communication (DSRC) transmission equipment; Part 1: DSRC data link layer: medium access and logical link control; Sub-Part 1: Protocol Implementation Conformance Statement (PICS) proforma specification Protocol Testing for DSC MAC and LLC layers		
Scope	Standardized conformance test suites in support of interoperability of CEN Dedicated Short-Range Communication (DSRC) systems (EN 12795, EN 12834 & EN 13372) as used in the context of Electronic Fee Collection. Protocol Implementation Conformance Statement (PICS) proforma specification		
Relevance of Conformance Requirements	Category	Yes	No
	(a) <u>Objective</u> of this standard is to define conformance requirements	X	
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WG/Organization	European Telecommunications Standards Institute (ETSI) ERM TG37 (ITS)		
Number	(Under Development) Work Item : DTS/ERM-TG37-001-2		
Title	Electromagnetic compatibility and Radio spectrum Matters (ERM); Road Transport and Traffic Telematics (RTTT); Test specifications for Dedicated Short Range Communication (DSRC) transmission equipment; Part 1: DSRC data link layer: medium access and logical link control; Sub-Part 2: Test Suite Structure and Test Purposes (TSS&TP) Protocol Testing for DSC MAC and LLC layers		
Scope	Protocol conformance testing for EN 12795, Road Transport & Traffic Telematics; Dedicated Short Range Communications (DSRC); DSRC data link layer; medium access and logical link control. Test Suite Structure and Test Purposes (TSS&TP)		
Relevance of Conformance Requirements	Category	Yes	No
	(a) <u>Objective</u> of this standard is to define conformance requirements	X	
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WG/Organization	European Telecommunications Standards Institute (ETSI) ERM TG37 (ITS)		
Number	(Under Development) Work Item: DTS/ERM-TG37-001-3		
Title	Electromagnetic compatibility and Radio spectrum Matters (ERM); Road Transport and Traffic Telematics (RTTT); Test specifications for Dedicated Short Range Communication (DSRC) transmission equipment; Part 1: DSRC data link layer: medium access and logical link control; Sub-Part 3: Abstract Test Suite (ATS) and partial PIXIT proforma Protocol Testing for DSC MAC and LLC layers		
Scope	Protocol conformance testing for EN 12795, Road Transport & Traffic Telematics; Dedicated Short Range Communications (DSRC); DSRC data link layer; medium access and logical link control. Abstract Test Suite (ATS) and partial PIXIT proforma		
Relevance of Conformance Requirements	Category	Yes	No
	(a) <u>Objective</u> of this standard is to define conformance requirements	X	
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WG/Organization	European Telecommunications Standards Institute (ETSI) ERM TG37 (ITS)		
Number	(Under Development) Work Item: DTS/ERM-TG37-002-1		
Title	Electromagnetic compatibility and Radio spectrum Matters (ERM); Road Transport and Traffic Telematics (RTTT); Test specifications for Dedicated Short Range Communication (DSRC) transmission equipment; Part 2: DSRC application layer; Sub-Part 1: Protocol Implementation Conformance Statement (PICS) proforma specification Protocol testing for DSRC application layer.		
Scope	Protocol conformance testing for EN 12834, Road Transport and Traffic Telematics; Dedicated Short-Range Communications (DSRC); DSRC application layer <i>(Guide: please provide the text used in the original standard)</i>		
Relevance of Conformance Requirements	Category	Yes	No
	(a) <u>Objective</u> of this standard is to define conformance requirements	X	
	(b) (If no in question (a)) This standard <u>includes</u> some clauses on conformance requirements	(clause no:)	
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WG/Organization	European Telecommunications Standards Institute (ETSI) ERM TG37 (ITS)		
Number	(Under Development) Work Item: DTS/ERM-TG37-002-2		
Title	Electromagnetic compatibility and Radio spectrum Matters (ERM); Road Transport and Traffic Telematics (RTTT); Test specifications for Dedicated Short Range Communication (DSRC) transmission equipment; Part 2: DSRC application layer; Sub-Part 2: Test Suite Structure and Test Purposes (TSS&TP) Protocol testing for DSRC application layer.		
Scope	Protocol conformance testing for EN 12834, Road Transport and Traffic Telematics; Dedicated Short-Range Communications (DSRC); DSRC application layer		
Relevance of Conformance Requirements	Category	Yes	No
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WG/Organization	European Telecommunications Standards Institute (ETSI) ERM TG37 (ITS)		
Number	(Under Development) Work Item: DTS/ERM-TG37-002-3		
Title	Electromagnetic compatibility and Radio spectrum Matters (ERM); Road Transport and Traffic Telematics (RTTT); Test specifications for Dedicated Short Range Communication (DSRC) transmission equipment; Part 2: DSRC application layer; Sub-Part 3: Abstract Test Suite (ATS) and partial PIXIT proforma Protocol testing for DSRC application layer.		
Scope	Protocol conformance testing for EN 12834, Road Transport and Traffic Telematics; Dedicated Short-Range Communications (DSRC); DSRC application layer		
Relevance of Conformance Requirements	Category	Yes	No
	(a) <u>Objective</u> of this standard is to define conformance requirements	X	
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WG/Organization	European Telecommunications Standards Institute (ETSI) ERM TG37 (ITS)		
Number	(Under Development) Work Item: DTS/ERM-TG37-006		
Title	Electromagnetic compatibility and Radio spectrum Matters (ERM); Intelligent Transport Systems (ITS); Framework and architecture for (quasi-) continuous Communications between vehicles and the infrastructure. Framework & Infrastructure		
Scope	A high-level description of the CALM system, its relationships and control and management mechanisms related to different radio media, services and networking.		
Relevance of Conformance Requirements	Category	Yes	No
	(a) <u>Objective</u> of this standard is to define conformance requirements	X	
	(b) (If no in question (a)) This standard <u>includes</u> some clauses on conformance requirements	(clause no:)	
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WG/Organization	European Telecommunications Standards Institute (ETSI) ERM TG37 (ITS)		
Number	(Under Development) Work Item: DEN/ERM-TG37-007		
Title	Electromagnetic compatibility and Radio spectrum Matters (ERM); Harmonised Standard covering Intelligent Transport Systems/Road Transport and Traffic Telematics communications systems operating in the 5,85 GHz to 5,925 GHz band. Harmonised Standard, RTTT operating in the 5,85 GHz to 5,925 GHz band.		
Scope	Harmonised Standard under the R&TTE Directive article 3.2 covering requirements and essential radio test suites of the technical parameters for vehicle to vehicle and vehicle to roadside/infrastructure in the 5,85 GHz to 5,925 GHz range. The EN shall cover Physical Layer and MAC Layer parameters to avoid harmful interference. Special emphasis on requirements from European regulations involving spectrum management. This work supports the eSafety initiative This work is in co-operation with ISO TC 204 (Intelligent Transport Systems) ISO IS 21215.		
Relevance of Conformance Requirements	Category	Yes	No
	(a) <u>Objective</u> of this standard is to define conformance requirements	X	
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WG/Organization	European Telecommunications Standards Institute (ETSI) ERM TG37 (ITS)		
Number	(Under Development) Work Item: DEN/ERM-TG37-008		
Title	Electromagnetic compatibility and Radio spectrum Matters (ERM); Harmonised Standard covering Intelligent Transport Systems/Road Transport and Traffic Telematics communications systems operating in the 63 GHz to 64 GHz band. Harmonised standard on RTTTopeating in the 63 GHz to 64 GHz band.		
Scope	Harmonised Standard under the R&TTE Directive article 3.2 covering requirements and essential radio test suites of the technical parameters for vehicle to vehicle and vehicle to roadside/infrastructure in the 63 GHz to 64 GHz range. The EN shall cover Physical Layer and MAC Layer parameters to avoid harmful interference. Special emphasis on requirements from European regulations involving spectrum management. This work supports the eSafety initiative This work is in co-operation with ISO TC 204 (Intelligent Transport Systems) ISO IS 21216.		
Relevance of Conformance Requirements	Category	Yes	No
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WG/Organization	European Telecommunications Standards Institute (ETSI) ERM TG37 (ITS)		
Number	(Under Development) Work Item: DTS/ERM-TG37-010		
Title	Electromagnetic compatibility and Radio spectrum Matters (ERM); Intelligent Transport Systems / Road Transport and Traffic Telematics communications systems Continuous Air-interface for Long and Medium range (CALM) / Network Service Access Point definition. CALM Service Access Point definition		
Scope	Definition of Lower Layers CALM Management Services. Service Access Point from Physical/MAC/Link layers including parameter definition for interface to Network Management Entity / Communications Management Entity (NME/CME). Emphasis on the interfacing to 2G/3G Mobile networks including management & QoS parameters. This work supports the eSafety initiative. This work is in co-operation with ISO TC 204 (Intelligent Transport Systems).		
Relevance of Conformance Requirements	Category	Yes	No
	(a) <u>Objective</u> of this standard is to define conformance requirements	X	
	(b) (If no in question (a)) This standard <u>includes</u> some clauses on conformance requirements	(clause no:)	
	(c) (If no, in question (a) and (b)) This standard is recommended to develop its conformance requirements in the future		

	<p>ETSI ERM TG37 Intelligent Transport Systems</p> <p style="text-align: center;"><u>ITS Standards – Scope and Conformance Requirements</u></p> <p>Chair : R.Williams</p>
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* Submitted by (please contact following person for further information):

Name	Bob Williams
Position	Chairman ETSI ERM TG37 (ITS)
Affiliation	
Country	
Email/Phone	bw@2-csi.com +44 1422 883 882

ITS Standards – Scope and Conformance Requirements

Could you please provide ‘the scope’ and ‘relevance of conformance requirements’ for each ITS standard approved or under development by your working group (liaison organizations)? Use this format for each ITS standard.

WG/Organization	European Telecommunications Standards Institute (ETSI) ERM TG37 (ITS)		
Number	(Under Development) Work Item: DTS/ERM-TG37-011		
Title	Electromagnetic compatibility and Radio spectrum Matters (ERM); Intelligent Transport Systems; Continuous Air Interface, Long and Medium Range (CALM), Test procedures for Infra-Red medium in support of ISO 21214 CALM Infra Red		
Scope	This standard will cover the procedures and limits for tests of the Infra-Red medium of CALM. This work supports the eSafety initiative. This work is in co-operation with ISO TC 204 (Intelligent Transport Systems).		
Relevance of Conformance Requirements	Category	Yes	No
	(a) <u>Objective</u> of this standard is to define conformance requirements	X	



ETSI ERM TG37 Intelligent Transport Systems


ITS Standards – Scope and Conformance Requirements

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	(b) (If no in question (a)) This standard <u>includes</u> some clauses on conformance requirements	(clause no:)	
	(c) (If no, in question (a) and (b)) This standard is recommended to develop its conformance requirements in the future		

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Email/Phone	bw@2-csi.com +44 1422 883 882

	<p>ETSI ERM TG37 Intelligent Transport Systems</p> <p style="text-align: center;"><u>ITS Standards – Scope and Conformance Requirements</u></p> <p>Chair : R.Williams</p>
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[ITS Standards – Scope and Conformance Requirements](#)

Could you please provide ‘the scope’ and ‘relevance of conformance requirements’ for each ITS standard approved or under development by your working group (liaison organizations)? Use this format for each ITS standard.

WG/Organization	European Telecommunications Standards Institute (ETSI) ERM TG37 (ITS)		
Number	(Under Development) Work Item: DTS/ERM-TG37-012		
Title	Electromagnetic compatibility and Radio spectrum Matters (ERM); Intelligent Transport Systems; Architecture and Framework for eCall Architecture and Framework for eCall		
Scope	The document will cover business high level Architecture and Framework for eCall leading to technical solutions comprising protocols and protocol testing to support automatic transmission of emergency call. This work supports the eSafety initiative. This work is in co-operation with ISO TC 204 (Intelligent Transport Systems).		
Relevance of Conformance Requirements	Category	Yes	No
	(a) <u>Objective</u> of this standard is to define conformance requirements	X	
	(b) (If no in question (a)) This standard <u>includes</u> some clauses on conformance requirements	(clause no:)	
	(c) (If no, in question (a) and (b)) This standard is recommended to develop its conformance requirements in the future		

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ETSI ERM TG37 Intelligent Transport Systems

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Chair : R.Williams

Name	Bob Williams
Position	Chairman ETSI ERM TG37 (ITS)
Affiliation	
Country	
Email/Phone	bw@2-csi.com +44 1422 883 882



ITS Standards – Scope and Conformance Requirements

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ITS Standards – Scope and Conformance Requirements

Could you please provide ‘the scope’ and ‘relevance of conformance requirements’ for each ITS standard approved or under development by your working group (liaison organizations)? Use this format for each ITS standard.

WG/Organization	European Telecommunications Standards Institute (ETSI) ERM TG37 (ITS)		
Number	(Under Development) Work Item: (number awaiting allocation)		
Title	2G mobile communications for the support of CALM.		
Scope	ICT aspects supporting CALM using 2G/2.5G/GPRS cellular communications in support of ISO 21212. This work supports the eSafety initiative. This work is in co-operation with ISO TC 204 (Intelligent Transport Systems).		
Relevance of Conformance Requirements	Category	Yes	No
	(a) <u>Objective</u> of this standard is to define conformance requirements	X	
	(b) (If no in question (a)) This standard <u>includes</u> some clauses on conformance requirements	(clause no:)	
	(c) (If no, in question (a) and (b)) This standard is recommended to develop its conformance requirements in the future		

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Chair : R.Williams

Name	Bob Williams
Position	Chairman ETSI ERM TG37 (ITS)
Affiliation	
Country	
Email/Phone	bw@2-csi.com +44 1422 883 882



ITS Standards – Scope and Conformance Requirements

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ITS Standards – Scope and Conformance Requirements

Could you please provide ‘the scope’ and ‘relevance of conformance requirements’ for each ITS standard approved or under development by your working group (liaison organizations)? Use this format for each ITS standard.

WG/Organization	European Telecommunications Standards Institute (ETSI) ERM TG37 (ITS)		
Number	(Under Development) Work Item: (number awaiting allocation)		
Title	3G mobile communications for the support of CALM.		
Scope	ICT aspects supporting CALM using 3G cellular communications in support of ISO 21213. This work supports the eSafety initiative. This work is in co-operation with ISO TC 204 (Intelligent Transport Systems).		
Relevance of Conformance Requirements	Category	Yes	No
	(a) <u>Objective</u> of this standard is to define conformance requirements	X	
	(b) (If no in question (a)) This standard <u>includes</u> some clauses on conformance requirements	(clause no:)	
	(c) (If no, in question (a) and (b)) This standard is recommended to develop its conformance requirements in the future		

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Position	Chairman ETSI ERM TG37 (ITS)
Affiliation	
Country	
Email/Phone	bw@2-csi.com +44 1422 883 882

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WG/Organization	European Telecommunications Standards Institute (ETSI) ERM TG37 (ITS)		
Number	(Under Development) Work Item: (number awaiting allocation)		
Title	CALM using satellite communications.		
Scope	ICT aspects supporting CALM using satellite communications. This work supports the eSafety initiative. This work is in co-operation with ISO TC 204 (Intelligent Transport Systems).		
Relevance of Conformance Requirements	Category	Yes	No
	(a) <u>Objective</u> of this standard is to define conformance requirements	X	
	(b) (If no in question (a)) This standard <u>includes</u> some clauses on conformance requirements	(clause no:)	
	(c) (If no, in question (a) and (b)) This standard is recommended to develop its conformance requirements in the future		




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[ITS Standards – Scope and Conformance Requirements](#)

Could you please provide ‘the scope’ and ‘relevance of conformance requirements’ for each ITS standard approved or under development by your working group (liaison organizations)? Use this format for each ITS standard.

WG/Organization	European Telecommunications Standards Institute (ETSI) ERM TG37 (ITS)		
Number	(Under Development) Work Item: (number awaiting allocation)		
Title	CALM using IEEE 802.16(e) (WIMAX) mobile wireless broadband communications		
Scope	ICT aspects supporting CALM using IEEE 802.16(e) (WIMAX) mobile wireless broadband communications in support of ISO Standards for CALM using IEEE802.16(e) This work supports the eSafety initiative. This work is in co-operation with ISO TC 204 (Intelligent Transport Systems).		
Relevance of Conformance Requirements	Category	Yes	No
	(a) <u>Objective</u> of this standard is to define conformance requirements	X	
	(b) (If no in question (a)) This standard <u>includes</u> some clauses on conformance requirements	(clause no:)	
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Affiliation	
Country	
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[ITS Standards – Scope and Conformance Requirements](#)

Could you please provide ‘the scope’ and ‘relevance of conformance requirements’ for each ITS standard approved or under development by your working group (liaison organizations)? Use this format for each ITS standard.

WG/Organization	European Telecommunications Standards Institute (ETSI) ERM TG37 (ITS)		
Number	(Under Development) Work Item: (number awaiting allocation)		
Title	CALM using IEEE 802.20 mobile wireless broadband communications		
Scope	ICT aspects supporting CALM using IEEE 802.20 mobile wireless broadband communications in support of ISO Standards for CALM using IEEE802.20		
Relevance of Conformance Requirements	Category	Yes	No
	(a) <u>Objective</u> of this standard is to define conformance requirements	X	
	(b) (If no in question (a)) This standard <u>includes</u> some clauses on conformance requirements	(clause no:)	
	(c) (If no, in question (a) and (b)) This standard is recommended to develop its conformance requirements in the future		




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Affiliation	
Country	
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Could you please provide ‘the scope’ and ‘relevance of conformance requirements’ for each ITS standard approved or under development by your working group (liaison organizations)? Use this format for each ITS standard.

WG/Organization	European Telecommunications Standards Institute (ETSI) ERM TG37 (ITS)		
Number	(Under Development) Work Item: (number awaiting allocation)		
Title	CALM using HC-SDMA (High Capacity-Spatial Division Multiple Access) mobile wireless broadband communications a		
Scope	ICT aspects supporting CALM using Definition of HC-SDMA (High Capacity-Spatial Division Multiple Access) mobile wireless broadband communications in support of ISO Standards for CALM using HC-SDMA		
Relevance of Conformance Requirements	Category	Yes	No
	(a) <u>Objective</u> of this standard is to define conformance requirements	X	
	(b) (If no in question (a)) This standard <u>includes</u> some clauses on conformance requirements	(clause no:)	
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Chair : R.Williams

Name	Bob Williams
Position	Chairman ETSI ERM TG37 (ITS)
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ITS Standards – Scope and Conformance Requirements

WG/Organization	European Telecommunications Standards Institute (ETSI) ERM TG37 (ITS)		
Number	(Under Development) Work Item: (number awaiting allocation)		
Title	HC-SDMA (High Capacity-Spatial Division Multiple Access) mobile wireless broadband communications air interface definition for ITS Systems		
Scope	Definition of HC-SDMA (High Capacity-Spatial Division Multiple Access) mobile wireless broadband communications air interface definition for ITS Systems. In conjunction with ATIS and ISO TC204		
Relevance of Conformance Requirements	Category	Yes	No
	(a) <u>Objective</u> of this standard is to define conformance requirements	X	
	(b) (If no in question (a)) This standard <u>includes</u> some clauses on conformance requirements	(clause no:)	
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