

Technical Committee	Working Group	Working Group Name	Contact Name	Organisation	Contact Email	Country of Convener
ISO TC204	WG1	Architecture	Mr. R.K. Williams	CSI	bw@2-csi.com	UK
ISO TC204	WG3	TICS database technology	Mr. Shibata	Japanese Industrial Standards Committee (JISC)	isojisc@meti.go.jp	JAPAN
ISO TC204	WG4	Automatic vehicle and equipment identification	Mr. K. Evensen	Q-Free ASA	knut.evensen@q-free.com	NORWAY
ISO TC204	WG5	Fee and toll collection	Mr. J. Engdahl	Rapp Trans AG	jesper.engdahl@rapp.ch	SWITZERLAND
ISO TC204	WG7	General fleet management and commercial/freight	Mr. L. Sabounghi	Standards Council of Canada (SCC)	info@scc.ca	CANADA
ISO TC204	WG8	Public transport/emergency	Ms Fernandez	Society of Automotive Engineers, Inc. American National Standards Institute (ANSI)	Tel: +1 724 776 48 41 info@ansi.org	USA
ISO TC204	WG9	Integrated transport information, management and control	Mr D. Zabrieszach	VicRoads	Dean.Zabrieszach@roads.vic.gov.au	AUSTRALIA
ISO TC204	WG10	Traveller information systems	Mr. P.Burton	Serco	paul.burton@tcc.serco.com	UK
ISO TC204	WG11	Route guidance and navigation systems	VACANT			VACANT
ISO TC204	WG14	Vehicle/roadway warning and control systems	Mr. Furukawa	Japanese Industrial Standards Committee (JISC)	isojisc@meti.go.jp	JAPAN
ISO TC204	WG15	Dedicated short range communications for TICS applications	VACANT			GERMANY
ISO TC204	WG16	Wide area communications/protocols and interfaces	Mr. R. Shields	Society of Automotive Engineers, Inc. American National Standards Institute (ANSI)	Tel: +1 724 776 48 41 info@ansi.org	USA
ISO TC204	WG17	Nomadic Devices in ITS Systems	Dr. Moon	Korea Standards Institute	unknown	KOREA
CEN TC278	WG1	Electronic Fee Collection	Mr. J. Engdahl	Rapp Trans AG	jesper.engdahl@rapp.ch	SWITZERLAND
CEN TC278	WG3	Public Transport	Mr. J.L. Franchineau	VEOLIA Transport	jean-laurent.franchineau@veolia.com	FRANCE
CEN TC278	WG4	Traffic and Traveller Information	Mr. P.Burton	Serco	paul.burton@tcc.serco.com	UK
CEN TC278	WG8	Road Databases	Mr. H. de Winter	Rijkswaterstaat AVV	h.dwinter@avw.rws.minvenw.nl	THE NETHERLANDS
CEN TC278	WG9	Dedicated Short Range Communications	Mr. C.-H. Rokitansky	RWTH Aachen/Communication Networks	roki@comnets.rwth-aachen.de	GERMANY
CEN TC278	WG12	Automatic Vehicle and Equipment Identification	Mr. K. Evensen	Q-Free ASA	knut.evensen@q-free.com	NORWAY
CEN TC278	WG13	Architecture	Mr. R.K. Williams	CSI	bw@2-csi.com	UK
CEN TC278	WG14	Recovery of Stolen Vehicles	Mr. A. Mcinnes	Police Headquarters	mcinnes@sussex.police.uk	UK
CEN TC278	WG15	eSafety	Mr. R.K. Williams	CSI	bw@2-csi.com	UK
CEN TC278	WG16	Co-operative systems	Mr. H.J. Schade	Deutsches Institut für Normung (DIN)	unknown	GERMANY
ETSI TC ITS	WG1	User and Application Requirements	Gerard Segarra	Renault	gerard.segarra@renault.com	FRANCE
ETSI TC ITS	WG2	Architecture, Cross Layer and Web Services	Knut Evensen	Q-Free	knut.evensen@q-free.com	NORWAY
ETSI TC ITS	WG3	Transport and Network	Andreas Festag	NEC Europe Ltd	Andreas.Festag@nw.neclab.eu	GERMANY
ETSI TC ITS	WG4	Media and Medium related	Thomas Weber	BMW I	Thomas.Weber@bnetza.de	GERMANY
ETSI TC ITS	WG5	Security	Scott Cadzow	Cadzow Communications	scott@cadzow.com	UK
ETSI ERM	TG37	Electromagnetic compatibility & Radio spectrum Matters - ITS	Mr. R.K. Williams	CSI	bw@2-csi.com	UK
ISO TC22	SC13, WG8	Ergonomics applicable to road vehicles; TICS on-board, MMI	Ms M. Brussow	Deutsches Institut für Normung (DIN)	director.international@din.de	GERMANY
CEN TC224	WG11	Identification card systems, Surface transport applications	Mr C.Chevauché	Association Française de Normalisation (AFNOR)	adherent@afnor.org	FRANCE

Colour-Coded Key

- ISO TC 204, Published or Adopted
- ISO TC 204, Under Development
- CEN TC 278, Published or Adopted
- CEN TC 278, Under Development
- ETSI TC ITS, Published or Adopted
- ETSI TC ITS, Under Development
- ISO TC 22, SC13, WG 8
- CEN TC 224, WG 11
- Dormant Working Group
- Withdrawn Standards or Deleted Projects

This document contains information on standards relevant to Intelligent Transport Systems (ITS) at the international, European and UK level. It is periodically maintained, and lists published standards as well as tracking the progress of new and developing standards.

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ISO Technical Committee 204 - Intelligent Transport Systems

Technical Committee	Working Group	Repeat	ISO Number	CEN Number	ETSI Number	Other Ref Number	Standard Title	Status	Detailed Status	ISO Status	Source	Notes	Last Updated
ISO TC204	WG1 - Architecture												
ISO TC204	WG1		ISO/TR 12859				Intelligent transport systems -- System architecture -- Privacy aspects in ITS standards and systems	Adopted	FDIS	60.00	ISO		13/05/2009
ISO TC204	WG1		ISO/NP 13189				Business Case Template for ITS Projects	Under development	NP	10.99	ISO		12/02/2009
ISO TC204	WG1	CEN TC278, WG13	ISO 14813-1:2007			278002	Intelligent transport systems -- Reference model architecture(s) for the ITS sector -- Part 1: ITS service domains, service groups and services	Published	IS	60.60	ISO	Replaces TR 14813-1:1999	24/04/2008
ISO TC204	WG1	CEN TC278, WG13	ISO/TR 14813-2:2000			278107	Transport information and control systems -- Reference model architecture(s) for the TICS sector -- Part 2: Core TICS reference architecture	Published	IS	60.60	ISO		24/04/2008
ISO TC204	WG1	CEN TC278, WG13	ISO/TR 14813-3:2000			278108	Transport information and control systems -- Reference model architecture(s) for the TICS sector -- Part 3: Example elaboration	Published	IS, under review	90.60	ISO		24/04/2008
ISO TC204	WG1	CEN TC278, WG13	ISO/TR 14813-4:2000			278109	Transport information and control systems -- Reference model architecture(s) for the TICS sector -- Part 4: Reference model tutorial	Published	IS, under review	90.60	ISO		24/04/2008
ISO TC204	WG1	CEN TC278, WG13	ISO/TR 14813-5:1999			278110	Transport information and control systems -- Reference model architecture(s) for the TICS sector -- Part 5: Requirements for architecture description in TICS standards	Published	IS, to be revised	90.92	ISO		24/04/2008
ISO TC204	WG1		ISO/DIS 14813-5				Intelligent transport systems -- Reference model architecture(s) for the ITS sector -- Part 5: Requirements for architecture description in ITS standards	Under development	DIS	40.60	ISO		13/05/2009
ISO TC204	WG1	CEN TC278, WG13	ISO/TR 14813-6:2000			278111	Transport information and control systems -- Reference model architecture(s) for the TICS sector -- Part 6: Data presentation in ASN.1	Published	IS, to be revised	90.92	ISO		24/04/2008
ISO TC204	WG1		ISO/FDIS 14813-6				Intelligent transport systems -- Reference model architecture(s) for the ITS sector -- Part 6: Data presentation in ASN.1	Under development	FDIS	50.00	ISO		13/05/2009
ISO TC204	WG1		ISO 14817:2002				Transport information and control systems -- Requirements for an ITS/TICS central Data Registry and ITS/TICS Data Dictionaries	Published	IS, under review	90.60	ISO	Parts 1-3 merged into a single document	24/04/2008
ISO TC204	WG1		ISO/TR 17452:2007				Intelligent transport systems -- Using UML for defining and documenting ITS/TICS interfaces	Published	IS	60.60	ISO		24/04/2008

Technical Committee	Working Group	Repeat	ISO Number	CEN Number	ETSI Number	Other Ref Number	Standard Title	Status	Detailed Status	ISO Status	Source	Notes	Last Updated
ISO TC204	WG1		ISO/NP 22953				Transport information and control systems -- Reference model architecture(s) for the TICS sector -- eXtended Geographic Data Files (XGDF)	Under development	NP	10.99	ISO		13/05/2009
ISO TC204	WG1		ISO/PRF 24097-1				Using web services (machine-machine delivery) for ITS service delivery -- Part 1: Realization of interoperable web services	Under development	FDIS	50.00	ISO		13/05/2009
ISO TC204	WG1		ISO/TR 24098:2007				Intelligent transport systems -- System architecture, taxonomy and terminology -- Procedures for developing ITS deployment plans utilizing ITS system architecture	Published	IS	60.60	ISO		24/04/2008
ISO TC204	WG1		ISO/TR 24529:2008				Intelligent transport systems -- Systems architecture -- Use of unified modelling language (UML) in ITS International Standards and deliverables	Published	IS	60.60	ISO		24/04/2008
ISO TC204	WG1		ISO 24531:2007				Intelligent transport systems -- System architecture, taxonomy and terminology -- Using XML in ITS standards, data registries and data dictionaries	Published	IS	60.60	ISO		24/04/2008
ISO TC204	WG1		ISO/TR 24532:2006				Intelligent transport systems -- Systems architecture, taxonomy and terminology -- Using CORBA (Common Object Request Broker Architecture) in ITS standards, data registries and data dictionaries	Published	IS	60.60	ISO		03/10/2006
ISO TC204	WG1		ISO/TR 25100:2008				Intelligent transport systems -- Systems architecture -- Harmonization of ITS data concepts	Published	IS	60.60	ISO		24/04/2008
ISO TC204	WG1		ISO/TR 25102:2008				Intelligent transport systems -- System architecture -- 'Use Case' pro-forma template	Published	IS	60.60	ISO		24/04/2008
ISO TC204	WG1		ISO/WD TR 25103				Business justification for ITS Architecture	Under development	WD	20.20	ISO		03/10/2006
ISO TC204	WG1		ISO/TR 25104:2008				Intelligent transport systems -- System architecture, taxonomy, terminology and data modelling -- Training requirements for ITS architecture	Published	IS	60.60	ISO		24/04/2008
ISO TC204	WG1		ISO/CD TR 25109				Example high level architecture elaboration : Emergency Call	Under development	CD	30.20	ISO		30/03/2007
ISO TC204	WG1		ISO/CD TR 26999				Intelligent Transport Systems - Systems Architecture - Use of 'Process Orientated Methodology' in ITS International Standards and Deliverables	Under development	CD	30.60	ISO		13/05/2009
ISO TC204	WG1		ISO/NP TR 26682				Crash and Emergency Notification Reference Architecture	Under development	NP	10.99	ISO		24/04/2008
ISO TC204	WG1		ISO/TR 28682:2008				Intelligent transport systems -- Joint APEC-ISO study of progress to develop and deploy ITS standards	Published	IS	60.60	ISO		25/11/2008
ISO TC204	WG2 - Dormant (formerly Quality & reliability requirements)												
ISO TC204	WG3 - TICS database technology												
ISO TC204	WG3		CEN ISO 14825:2004	EN ISO 14825:2003		278137	Intelligent transport systems -- Geographic Data Files (GDF) -- Overall data specification	Published	IS, under review	90.60	ISO	Replaces TR 14825:1996, ISO has lead	24/04/2008
ISO TC204	WG3		ISO/DIS 17267				Navigation System Application Program Interface (API)	Under development	DIS	40.99	ISO		13/05/2009
ISO TC204	WG3		ISO 17572-1:2008				Intelligent transport systems (ITS) -- Location referencing for geographic databases -- Part 1: General requirements and conceptual model	Published	IS	60.60	ISO		12/02/2009
ISO TC204	WG3		ISO 17572-2:2008				Intelligent transport systems (ITS) -- Location referencing for geographic databases -- Part 2: Pre-coded location references (pre-coded profile)	Published	IS	60.60	ISO		12/02/2009
ISO TC204	WG3		ISO 17572-3:2008				Intelligent transport systems (ITS) -- Location referencing for geographic databases -- Part 3: Dynamic location references (dynamic profile)	Published	IS	60.60	ISO		12/02/2009
ISO TC204	WG3		ISO/TS 20452:2007				Requirements and Logical Data Model for a Physical Storage Format (PSF) and an Application Program Interface (API) and Logical Data Organization for PSF used in Intelligent Transport Systems (ITS) Database Technology	Published	IS	60.60	ISO		30/03/2007
ISO TC204	WG3		ISO/CD 24099				Navigation data delivery structure and protocol	Under development	CD	30.60	ISO		13/05/2009
ISO TC204	WG4 - Automatic vehicle and equipment identification												

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ISO TC204	WG4	CEN TC278, WG12	ISO 14814:2006	EN ISO 14814:2006		278157	Road transport and traffic telematics -- Automatic vehicle and equipment identification -- Reference architecture and terminology	Published	IS, under review	90.20	ISO		12/02/2009
ISO TC204	WG4	CEN TC278, WG12	ISO 14815:2005	EN ISO 14815:2005		278172	Road transport and traffic telematics -- Automatic vehicle and equipment identification -- System specifications	Published	IS, confirmed	90.93	ISO	Replaces TS 14815:2000	12/02/2009
ISO TC204	WG4	CEN TC278, WG12	ISO 14816:2005	EN ISO 14816:2005		278173	Road transport and traffic telematics -- Automatic vehicle and equipment identification -- Numbering and data structure	Published	IS, confirmed	90.93	ISO	Replaces TS 14816:2000	13/05/2009
ISO TC204	WG4	CEN TC278, WG12	ISO/TS 17261:2005	CEN ISO/TS 17261:2004		278090	Intelligent transport systems - Automatic vehicle and equipment identification -- Intermodal goods transport architecture and terminology	Published	IS, under review	90.60	ISO		25/11/2008
ISO TC204	WG4		ISO/TS 17261:2005/Cor 1:2005				Cor 1:2005	Published	IS	60.60	ISO		24/04/2008
ISO TC204	WG4	CEN TC278, WG12	ISO/TS 17262:2003	CEN ISO/TS 17262:2002		278088	Automatic vehicle and equipment identification -- Intermodal goods transport -- Numbering and data structures	Published	IS	60.60	ISO		24/04/2008
ISO TC204	WG4	CEN TC278, WG12	ISO/TS 17263:2003	CEN ISO/TS 17263:2002		278089	Automatic vehicle and equipment identification -- Intermodal goods transport -- System parameters	Published	IS	60.60	ISO		24/04/2008
ISO TC204	WG4	CEN TC278, WG12	ISO/DIS 17264	prEN ISO 17264		278228	Intelligent Transport Systems -- Automatic vehicle and equipment identification -- Interfaces	Under development	DIS	40.60	ISO		13/05/2009
ISO TC204	WG4	CEN TC278, WG12	ISO/TS 24534-1:2007	CEN ISO/TS 24534-1:2006		278182	Automatic vehicle and equipment identification -- Electronic Registration Identification (ERI) for vehicles -- Part 1: Architecture	Published	IS, to be revised	90.92	ISO		11/06/2008
ISO TC204	WG4	CEN TC278, WG12	ISO/DIS 24534-1	prEN ISO 24534-1		278229	Automatic vehicle and equipment identification -- Electronic Registration Identification (ERI) for vehicles -- Part 1: Architecture	Under development	DIS	40.20	ISO		12/02/2009
ISO TC204	WG4	CEN TC278, WG12	ISO/TS 24534-2:2007	CEN ISO/TS 24534-2:2006		278183	Automatic vehicle and equipment identification -- Electronic Registration Identification (ERI) for vehicles -- Part 2: Operational requirements	Published	IS, to be revised	90.92	ISO		11/06/2008
ISO TC204	WG4	CEN TC278, WG12	ISO/DIS 24534-2	prEN ISO 24534-2		278230	Automatic vehicle and equipment identification -- Electronic Registration Identification (ERI) for vehicles -- Part 2: Operational requirements	Under development	DIS	40.20	ISO		12/02/2009
ISO TC204	WG4	CEN TC278, WG12	ISO/TS 24534-3:2008	CEN ISO/TS 24534-3:2006		278184	Automatic vehicle and equipment identification -- Electronic Registration Identification (ERI) for vehicles -- Part 3: Vehicle data	Published	IS, to be revised	90.92	ISO		11/06/2008
ISO TC204	WG4	CEN TC278, WG12	ISO/DIS 24534-3	EN ISO 24534-3		278231	Automatic vehicle and equipment identification -- Electronic Registration Identification (ERI) for vehicles -- Part 3: Vehicle data	Under development	DIS	40.20	ISO		12/02/2009
ISO TC204	WG4	CEN TC278, WG12	ISO/TS 24534-4:2008	CEN ISO/TS 24534-4:2006		278185	Automatic vehicle and equipment identification -- Electronic Registration Identification (ERI) for vehicles -- Part 4: Secure communications using asymmetrical techniques	Published	IS, to be revised	90.92	ISO		11/06/2008
ISO TC204	WG4	CEN TC278, WG12	ISO/DIS 24534-4	prEN ISO 24534-4		278232	Automatic vehicle and equipment identification -- Electronic Registration Identification (ERI) for vehicles -- Part 4: Secure communications using asymmetrical techniques	Under development	DIS	40.20	ISO		12/02/2009
ISO TC204	WG4		ISO/TS 24534-5:2008				Automatic vehicle and equipment identification -- Electronic Registration Identification (ERI) for vehicles -- Part 5: Secure communications using symmetrical techniques	Published	IS	60.60	ISO		24/04/2008
ISO TC204	WG4		ISO 24535:2007				Intelligent transport systems -- Automatic vehicle identification -- Basic electronic registration identification (Basic ERI)	Published	IS	60.60	ISO	Work undertaken in conjunction with BSI	24/04/2008
ISO TC204 WG5 - Fee and toll collection													
ISO TC204	WG5	CEN TC278, WG1	ISO/PRF TS 12813	prCEN ISO/TS 12813		278253	Electronic fee collection -- Compliance check communication for autonomous systems	Under development	FDIS	50.00	ISO		13/05/2009
ISO TC204	WG5	CEN TC278, WG1		prEN ISO 12855		278233	Electronic fee collection - Information exchange between service provision and toll charging	Under development	Under development		CEN	Not listed on ISO website	12/02/2009
ISO TC204	WG5	CEN TC278, WG1	ISO/NP TS 13140-1	prCEN ISO/TS 13140-1		278249	Electronic fee collection -- Conformity evaluation of on-board and roadside equipment to "Localisation augmentation communication for autonomous systems" -- Part 1: Test suite structure and test purposes	Under development	NP	10.99	ISO		13/05/2009

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ISO TC204	WG5		ISO/NP TS 13140-2				Electronic fee collection -- Conformity evaluation of on-board and roadside equipment to "Localisation augmentation communication for autonomous systems" -- Part 2: Abstract test suite	Under development	NP	10.99	ISO		13/05/2009
ISO TC204	WG5	CEN TC278, WG1	ISO/CD TS 13141	prCEN ISO/TS 13141		278247	Electronic fee collection -- Localisation augmentation communication for autonomous systems	Under development	CD	30.2	ISO		13/05/2009
ISO TC204	WG5	CEN TC278, WG1	ISO/NP TS 13143-1	prCEN ISO TS 13143-1		278248	Electronic fee collection -- Conformity evaluation of on-board and roadside equipment to CEN ISO / TS 12813 -- Part 1: Test suite structure and test purposes	Under development	NP	10.99	ISO		13/05/2009
ISO TC204	WG5		ISO/NP TS 13143-2				Electronic fee collection -- Conformity evaluation of on-board and roadside equipment to CEN ISO / TS 12813 -- Part 2: Abstract test suite	Under development	NP	10.99	ISO		13/05/2009
ISO TC204	WG5	CEN TC278, WG1	ISO/TS 14904:2002	ENV ISO 14904:2002		278139	Road transport and traffic telematics -- Electronic fee collection (EFC) -- Interface specification for clearing between operators	Published	IS	60.60	ISO	Replaces TR 14904:1997	24/04/2008
ISO TC204	WG5	CEN TC278, WG1	ISO 14906:2004	EN ISO 14906:2004		278152	Road transport and traffic telematics -- Electronic fee collection -- Application interface definition for dedicated short-range communication	Published	IS, to be revised	90.92	ISO	Replaces TR 14906:1998	25/11/2008
ISO TC204	WG5	CEN TC278, WG1	ISO/DIS 14906	prEN ISO 14906		278234	Road transport and traffic telematics -- Electronic fee collection -- Application interface definition for dedicated short-range communication	Under development	DIS	40.60	ISO		13/05/2009
ISO TC204	WG5	CEN TC278, WG1	ISO/TS 14907-1:2005	CEN ISO/TS 14907-1:2004		278168	Road transport and traffic telematics -- Electronic fee collection -- Test procedures for user and fixed equipment -- Part 1: Description of test procedures	Published	IS, to be revised	90.92	ISO		25/11/2008
ISO TC204	WG5	CEN TC278, WG1	ISO/CD TS 14907-1	Preliminary		278236	Road transport and traffic telematics -- Electronic fee collection -- Test procedures for user and fixed equipment -- Part 1: Description of test procedures	Under development	CD	30.60	ISO		13/05/2009
ISO TC204	WG5	CEN TC278, WG1	ISO/TS 14907-2:2006	CEN ISO/TS 14907-2:2006		278103	Road transport and traffic telematics -- Electronic fee collection -- Test procedures for user and fixed equipment -- Part 2: Conformance test for the onboard unit application interface	Published	IS, under review	90.20	ISO		13/05/2009
ISO TC204	WG5	CEN TC278, WG1	ISO/TS 17573:2003	CEN ISO/TS 17573:2002		278114	Road Transport and Traffic Telematics -- Electronic Fee Collection (EFC) -- Systems architecture for vehicle related transport services	Published	IS, to be revised	90.92	ISO		24/04/2008
ISO TC204	WG5	CEN TC278, WG1	ISO/DIS 17573	prEN ISO 17573		278193	Electronic fee collection -- Systems architecture for vehicle related tolling	Under development	DIS	40.20	ISO		12/02/2009
ISO TC204	WG5	CEN TC278, WG1	ISO/TS 17574:2004	CEN ISO/TS 17574:2003		278105	Road transport and traffic telematics -- Electronic fee collection (EFC) -- Guidelines for EFC security protection profiles	Published	IS, to be revised	90.92	ISO		25/11/2008
ISO TC204	WG5	CEN TC278, WG1	ISO/PRF TS 17574	prCEN ISO/TS 17574		278235	Road transport and traffic telematics -- Electronic fee collection (EFC) -- Guidelines for EFC security protection profiles	Under development	FDIS	50.00	ISO		13/05/2009
ISO TC204	WG5	CEN TC278, WG1		prCEN ISO/TS 17575		278104	Electronic Fee Collection (EFC) -- Application interface definition for EFC based on Global Navigation Satellite Systems and Cellular Network (GNSS/CN)	Under development	Parallel TC comments received		CEN	Not listed on ISO website	24/04/2008
ISO TC204	WG5	CEN TC278, WG1	ISO/CD TS 17575-1	prCEN ISO/TS 17575-1		278237	Road Transport and Traffic Telematics (RTTT) -- Electronic Fee Collection (EFC) -- Application Interface Definition for Global Navigation Satellite Systems and Cellular Networks (GNSS/CN) -- Part 1: Charging	Under development	CD	30.60	ISO		12/02/2009
ISO TC204	WG5	CEN TC278, WG1	ISO/CD TS 17575-2	prCEN ISO/TS 17575-2		278238	Road Transport and Traffic Telematics (RTTT) -- Electronic Fee Collection (EFC) -- Application Interface Definition for Global Navigation Satellite Systems and Cellular Networks (GNSS/CN) -- Part 2: Communication and connections to the lower layers	Under development	CD	30.60	ISO		12/02/2009
ISO TC204	WG5	CEN TC278, WG1	ISO/NP TS 17575-3	Preliminary		278239	Road Transport and Traffic Telematics (RTTT) -- Electronic Fee Collection (EFC) -- Application Interface Definition for Global Navigation Satellite Systems and Cellular Networks (GNSS/CN) -- Part 3: Provisions for updating on-board equipment (OBE)	Under development	NP	10.99	ISO		25/11/2008
ISO TC204	WG5	CEN TC278, WG1	ISO/NP TS 17575-4	Preliminary		278240	Road Transport and Traffic Telematics (RTTT) -- Electronic Fee Collection (EFC) -- Application Interface Definition for Global Navigation Satellite Systems and Cellular Networks (GNSS/CN) -- Part 4: Roaming	Under development	NP	10.99	ISO		25/11/2008
ISO TC204	WG5	CEN TC278, WG1	ISO/TS 25110:2008	CEN ISO/TS 25110		278221	Electronic fee collection -- Interface definition for on-board account using integrated circuit card (ICC)	Published	IS	60.60	ISO		25/11/2008
ISO TC204	WG6 - Dormant, now merged with WG7												
ISO TC204	WG7 - General fleet management and commercial/freight												

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ISO TC204	WG7		ISO 17687:2007				Transport Information and Control Systems (TICS) -- General fleet management and commercial freight operations -- Data dictionary and message sets for electronic identification and monitoring of hazardous materials/dangerous goods transportation	Published	IS	60.60	ISO		30/03/2007
ISO TC204 WG8 - Public transport/emergency													
ISO TC204	WG8		ISO 22951:2009				Data dictionary and message sets for preemption and prioritization signal systems for emergency and public transport vehicles (PRESTO)	Published	IS	60.60	ISO		12/02/2009
ISO TC204	WG8	CEN TC278, WG3	ISO 24014-1:2007	EN ISO 24014-1:2007		278179	Public transport -- Interoperable fare management system -- Part 1: Architecture	Published	IS	60.60	ISO		24/04/2008
ISO TC204	WG8	CEN TC278, WG3		prEN ISO 24014-2		278222	Public transport -- Interoperable fare management system -- Part 2: Recommended business practices for set of rules	Under development	Preliminary		CEN	Not listed on ISO website	12/02/2009
ISO TC204	WG8	CEN TC278, WG3	ISO/NP TS 28701	CEN TS 28701:2008		278207	Public Transport -- Identifications of Fixed Objects in Public Transport (IFOPT)	Under development	NP	10.99	ISO		24/04/2008
ISO TC204 WG9 - Integrated transport information, management and control													
ISO TC204	WG9		ISO/AWI 10711				Intelligent Transport Systems -- Interface Protocol and Message Set Definition between Traffic Signal Controllers and Detectors(IPMSTSCD)	Under development	WD	20.00	ISO		24/04/2008
ISO TC204	WG9		ISO 14827-1:2005				Transport information and control systems -- Data interfaces between centres for transport information and control systems -- Part 1: Message definition requirements	Published	IS, confirmed	90.93	ISO		13/05/2009
ISO TC204	WG9		ISO 14827-2:2005				Transport information and control systems -- Data interfaces between centres for transport information and control systems -- Part 2: DATEX-ASN	Published	IS, confirmed	90.93	ISO		13/05/2009
ISO TC204	WG9		ISO 15784-1:2008				Intelligent transport systems (ITS) -- Data exchange involving roadside modules communication -- Part 1: General principles and documentation framework of application profiles	Published	IS	60.60	ISO		25/11/2008
ISO TC204	WG9		ISO 15784-3:2008				Intelligent transport systems (ITS) -- Data exchange involving roadside modules communication -- Part 3: Application profile-data exchange (AP-DATEX)	Published	IS	60.60	ISO		25/11/2008
ISO TC204	WG9		ISO/TR 21707:2008				Intelligent transport systems -- Integrated transport information, management and control -- Data quality in ITS systems	Published	IS	60.60	ISO		11/06/2008
ISO TC204 WG10 - Traveller information systems													
ISO TC204	WG10	CEN TC278, WG4	ISO 14819-1:2003	EN ISO 14819-1:2002		278112	Traffic and Traveller Information (TTI) -- TTI messages via traffic message coding -- Part 1: Coding protocol for Radio Data System -- Traffic Message Channel (RDS-TMC) using ALERT-C	Published	IS, under review	90.60	ISO	Replaces ENV 12313-1:1998	25/11/2008
ISO TC204	WG10	CEN TC278, WG4	ISO 14819-2:2003	EN ISO 14819-2:2002		278113	Traffic and Traveller Information (TTI) -- TTI messages via traffic message coding -- Part 2: Event and information codes for Radio Data System -- Traffic Message Channel (RDS-TMC)	Published	IS, under review	90.60	ISO	Replaces ENV 12313-2:1998	25/11/2008
ISO TC204	WG10	CEN TC278, WG4	ISO 14819-3:2004	EN ISO 14819-3:2003		278151	Traffic and Travel Information (TTI) -- TTI messages via traffic message coding -- Part 3: Location referencing for ALERT-C	Published	IS, under review	90.60	ISO	Replaces TS 14819-3:2000	24/04/2008
ISO TC204	WG10	CEN TC278, WG4	ISO 14819-6:2006	prEN ISO 14819-6		278158	Traffic and Traveller Information (TTI) -- TTI messages via traffic message coding -- Part 6: Encryption and conditional access for the Radio Data System -- Traffic Message Channel ALERT C coding	Published	IS, under review	90.20	ISO		13/05/2009
ISO TC204	WG10	CEN TC278, WG4		CEN ISO/TS 14821-1:2003		278129	Traffic and Travel Information (TTI) - TTI messages via cellular networks - Part 1: General specifications	Published	Published		CEN	Not listed on ISO website	
ISO TC204	WG10	CEN TC278, WG4		CEN ISO/TS 14821-2:2003		278130	Traffic and Travel Information (TTI) - TTI messages via cellular networks - Part 2: Numbering and ADP message header	Published	Published		CEN	Not listed on ISO website	
ISO TC204	WG10	CEN TC278, WG4		CEN ISO/TS 14821-3:2003		278131	Traffic and Travel Information (TTI) - TTI messages via cellular networks - Part 3: Basic information elements	Published	Published		CEN	Not listed on ISO website	
ISO TC204	WG10	CEN TC278, WG4		CEN ISO/TS 14821-4:2003		278132	Traffic and Travel Information (TTI) - TTI messages via cellular networks - Part 4: Service-independent protocols	Published	Published		CEN	Not listed on ISO website	
ISO TC204	WG10	CEN TC278, WG4		CEN ISO/TS 14821-5:2003		278133	Traffic and Travel Information (TTI) - TTI messages via cellular networks - Part 5: Internal services	Published	Published		CEN	Not listed on ISO website	
ISO TC204	WG10	CEN TC278, WG4		CEN ISO/TS 14821-6:2003		278134	Traffic and Travel Information (TTI) - TTI messages via cellular networks - Part 6: External services	Published	Published		CEN	Not listed on ISO website	

Technical Committee	Working Group	Repeat	ISO Number	CEN Number	ETSI Number	Other Ref Number	Standard Title	Status	Detailed Status	ISO Status	Source	Notes	Last Updated
ISO TC204	WG10	CEN TC278, WG4		CEN ISO/TS 14821-7:2003		278135	Traffic and Travel Information (TTI) - TTI messages via cellular networks - Part 7: Performance requirements for onboard positioning	Published	Published		CEN	Not listed on ISO website	
ISO TC204	WG10	CEN TC278, WG4	ISO/TS 14822-1:2006	CEN ISO/TS 14822-1:2005		278177	Traffic and Travel Information -- General specifications for medium-range pre-information via dedicated short-range communication -- Part 1: Downlink	Published	IS, under review	90.20	ISO		13/05/2009
ISO TC204	WG10	CEN TC278, WG4		prCEN ISO/TS 14822-2		278178	Traffic and Travel Information - Medium-range pre-information via DSRC - General specification - Part 2: uplink	Under development	TC comments received		CEN	Not listed on ISO website	30/03/2007
ISO TC204	WG10	CEN TC278, WG4	ISO/TS 14823:2008	CEN ISO/TS 14823:2007		278200	Traffic and travel information -- Messages via media independent stationary dissemination systems -- Graphic data dictionary for pre-trip and in-trip information dissemination systems	Published	IS	60.60	ISO		25/11/2008
ISO TC204	WG10	CEN TC278, WG4	ISO/TS 18234-1:2006	CEN ISO/TS 18234-1:2004		278147	Traffic and Travel Information (TTI) -- TTI via Transport Protocol Expert Group (TPEG) data-streams -- Part 1: Introduction, numbering and versions	Published	IS, under review	90.20	ISO		13/05/2009
ISO TC204	WG10	CEN TC278, WG4	ISO/TS 18234-2:2006	CEN ISO/TS 18234-2:2006		278148	Traffic and Travel Information (TTI) -- TTI via Transport Protocol Expert Group (TPEG) data-streams -- Part 2: Syntax, Semantics and Framing Structure (SSF)	Published	IS, under review	90.20	ISO		13/05/2009
ISO TC204	WG10	CEN TC278, WG4	ISO/TS 18234-3:2006	CEN ISO/TS 18234-3:20046		278149	Traffic and Travel Information (TTI) -- TTI via Transport Protocol Expert Group (TPEG) data-streams -- Part 3: Service and Network Information (SNI) application	Published	IS, under review	90.20	ISO		13/05/2009
ISO TC204	WG10	CEN TC278, WG4	ISO/TS 18234-4:2006	CEN ISO/TS 18234-4:2006		278150	Traffic and Travel Information (TTI) -- TTI via Transport Protocol Expert Group (TPEG) data-streams -- Part 4: Road Traffic Message (RTM) application	Published	IS, under review	90.20	ISO		13/05/2009
ISO TC204	WG10	CEN TC278, WG4	ISO/TS 18234-5:2006	CEN ISO/TS 18234-5:2006		278159	Traffic and Travel Information (TTI) -- TTI via Transport Protocol Expert Group (TPEG) data-streams -- Part 5: Public Transport Information (PTI) application	Published	IS, under review	90.20	ISO		13/05/2009
ISO TC204	WG10	CEN TC278, WG4	ISO/TS 18234-6:2006	CEN ISO/TS 18234-6:2006		278160	Traffic and Travel Information (TTI) - TTI via Transport Protocol Expert Group (TPEG) data-streams -- Part 6: Location referencing applications	Published	IS, under review	90.20	ISO		13/05/2009
ISO TC204	WG10	CEN TC278, WG4	ISO/NP TS 18234-7	prCEN ISO/TS 18234-7		278208	Traffic and Travel Information (TTI) -- TTI via Transport Protocol Expert Group (TPEG) data-streams -- Part 7: Packing information (PKI) application (TPEG-PKI 1.0/001)	Under development	NP	10.99	ISO		24/04/2008
ISO TC204	WG10	CEN TC278, WG4	ISO/NP TS 18234-8	prCEN ISO/TS 18234-8		278209	Traffic and Travel Information (TTI) -- TTI via Transport Protocol Expert Group (TPEG) data-streams -- Part 8: Congestion and Travel-Time Information (CTT) application (TPEG-CTT 1.0/001)	Under development	NP	10.99	ISO		24/04/2008
ISO TC204	WG10	CEN TC278, WG4	ISO/NP TS 18234-9	prCEN ISO/TS 18234-9		278210	Traffic and Travel Information (TTI) -- TTI via Transport Protocol Expert Group (TPEG) data-streams -- Part 9: Traffic Event Compact (TEC) application (TPEG-TEC 1.0/001)	Under development	NP	10.99	ISO		24/04/2008
ISO TC204	WG10	CEN TC278, WG4	ISO/NP TS 18234-10	prCEN ISO/TS 18234-10		278211	Traffic and Travel Information (TTI) -- TTI via Transport Protocol Expert Group (TPEG) data-streams -- Part 10: Weather information (WEA) application (TPEG-WEA 1.0/001)	Under development	NP	10.99	ISO		24/04/2008
ISO TC204	WG10	CEN TC278, WG4	ISO/TS 24530-1:2006	CEN ISO/TS 24530-1:2006		278161	Traffic and Travel Information (TTI) -- TTI via Transport Protocol Experts Group (TPEG) Extensible Markup Language (XML) -- Part 1: Introduction, common data types and tpegML	Published	IS, under review	90.20	ISO		13/05/2009
ISO TC204	WG10	CEN TC278, WG4	ISO/TS 24530-2:2006	CEN ISO/TS 24530-2:2006		278162	Traffic and Travel Information (TTI) -- TTI via Transport Protocol Experts Group (TPEG) Extensible Markup Language (XML) -- Part 2: tpeg-locML	Published	IS, under review	90.20	ISO		13/05/2009
ISO TC204	WG10	CEN TC278, WG4	ISO/TS 24530-3:2006	CEN ISO/TS 24530-3:2006		278163	Traffic and Travel Information (TTI) -- TTI via Transport Protocol Experts Group (TPEG) Extensible Markup Language (XML) -- Part 3: tpeg-rtmML	Published	IS, under review	90.20	ISO		13/05/2009
ISO TC204	WG10	CEN TC278, WG4	ISO/TS 24530-4:2006	CEN ISO/TS 24530-4:2006		278164	Traffic and Travel Information (TTI) -- TTI via Transport Protocol Experts Group (TPEG) Extensible Markup Language (XML) -- Part 4: tpeg-ptiML	Published	IS, under review	90.20	ISO		13/05/2009
ISO TC204	WG10	CEN TC278, WG4	ISO/NP TS 24530-5	N1741		278198	Traffic and Traveller Information (TTI) -- TTI via Transport Protocol Experts Group (TPEG) Extensible Markup Language (XML) -- Part 5: tpeg-pkiML	Under development	NP	10.99	ISO		30/03/2007
ISO TC204	WG10	CEN TC278, WG4	ISO/NP TS 24530-6	Preliminary		278199	Traffic and Traveller Information (TTI) -- TTI via Transport Protocol Experts Group (TPEG) Extensible Markup Language (XML) -- Part 6: ctt ML	Under development	NP	10.99	ISO		30/03/2007
ISO TC204	WG10	CEN TC278, WG4	ISO/NP TS 24530-7	prCEN ISO/TS 24530-7		278212	Traffic and Travel Information (TTI) -- TTI via Transport Protocol Experts Group (TPEG) Extensible Markup Language (XML) -- Part 7: tpeg-weaML application	Under development	NP	10.99	ISO		30/03/2007
ISO TC204 WG11 - Route guidance and navigation systems													
ISO TC204	WG11		ISO 15075:2003				Transport information and control systems -- In-vehicle navigation systems -- Communications message set requirements	Published	IS, confirmed	90.93	ISO		13/05/2009

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ISO TC204	WG11		ISO/TR 17384:2008				Intelligent transport systems -- Interactive centrally determined route guidance (CDRG) -- Air interface message set, contents and format	Published	IS	60.60	ISO		24/04/2008
ISO TC204	WG11		ISO/PAS 17684:2003				Transport information and control systems -- In-vehicle navigation systems -- ITS message set translator to ASN.1 format definitions	Published	IS	60.60	ISO		24/04/2008
ISO TC204 WG12 - Dormant													
ISO TC204 WG13 - Dormant (formerly Human Factors and Man-Machine Interface)													
ISO TC204 WG14 - Vehicle/roadway warning and control systems													
ISO TC204	WG14		ISO 15622:2002				Transport information and control systems -- Adaptive Cruise Control Systems -- Performance requirements and test procedures	Published	IS, to be revised	90.92	ISO		24/04/2008
ISO TC204	WG14		ISO/DIS 15622				Transport information and control systems -- Adaptive Cruise Control Systems -- Performance requirements and test procedures	Under development	DIS	40.60	ISO		12/02/2009
ISO TC204	WG14		ISO 15623:2002				Transport information and control systems -- Forward vehicle collision warning systems -- Performance requirements and test procedures	Published	IS, under review	90.60	ISO		24/04/2008
ISO TC204	WG14		ISO/TS 15624:2001				Transport information and control systems -- Traffic Impediment Warning Systems (TIWS) -- System requirements	Published	IS	60.60	ISO		
ISO TC204	WG14		ISO 17361:2007				Intelligent transport systems -- Lane departure warning systems -- Performance requirements and test procedures	Published	IS	60.60	ISO		30/03/2007
ISO TC204	WG14		ISO 17386:2004				Transport information and control systems -- Manoeuvring Aids for Low Speed Operation (MALSO) -- Performance requirements and test procedures	Published	IS, to be revised	90.92	ISO		24/04/2008
ISO TC204	WG14		ISO/DIS 17386				Transport information and control systems -- Manoeuvring Aids for Low Speed Operation (MALSO) -- Performance requirements and test procedures	Under development	DIS	40.60	ISO		12/02/2009
ISO TC204	WG14		ISO 17387:2008				Intelligent transport systems -- Lane change decision aid systems (LCDAS) -- Performance requirements and test procedures	Published	IS	60.60	ISO		11/06/2008
ISO TC204	WG14		ISO 22178:2009				Intelligent transport systems -- Low speed following (LSF) systems -- Performance requirements and test procedures	Published	IS	60.60	ISO		13/05/2009
ISO TC204	WG14		ISO/PRF 22179				Intelligent transport systems -- Full speed range adaptive cruise control (FSRA) systems -- Performance requirements and test procedures	Under development	FDIS	50.00	ISO		12/02/2009
ISO TC204	WG14		ISO/DIS 22840				Intelligent transport systems -- Devices to aid reverse manoeuvres -- Extended range backing aid systems (ERBA)	Under development	DIS	40.20	ISO		12/02/2009
ISO TC204 WG15 - Dedicated short range communications for TICS applications													
ISO TC204	WG15	CEN TC278, WG9	ISO 15628:2007	EN 12834:2002		278143	Road transport and traffic telematics -- Dedicated short range communication (DSRC) -- DSRC application layer	Published	IS	60.60	ISO		
ISO TC204 WG16 - Wide area communications/protocols and interfaces													
ISO TC204	WG16		ISO/CD TR 11766				Lawful Interception in ITS and CALM	Under development	CD	30.60	ISO		13/05/2009
ISO TC204	WG16		ISO/CD TR 11769				Data retention for law enforcement in ITS and CALM	Under development	CD	30.60	ISO		13/05/2009
ISO TC204	WG16		ISO/WD 11915				Communications Access for Land Mobiles: high speed, air interface parameters and protocols for broadcast, point-point, vehicle-vehicle, and vehicle-point communications in the ITS Sector using IEEE802.11 Wireless LAN standard in normal operational modes	Under development	WD	20.60	ISO		25/11/2008
ISO TC204	WG16		ISO/NP 13181-1				Intelligent Transport Systems - Communications Access for Land Mobiles (CALM) - Security -- Part 1: Framework	Under development	NP	10.99	ISO		12/02/2009
ISO TC204	WG16		ISO/NP 13181-2				Communications access for land mobiles (CALM) - CALM receiving public broadcast communications -- Part 2: Threat Vulnerability and Risk Analysis	Under development	NP	10.99	ISO		12/02/2009
ISO TC204	WG16		ISO/NP 13181-3				Intelligent Transport Systems - Communications Access for Land Mobiles (CALM) - Security -- Part 3: Objectives and Requirements	Under development	NP	10.99	ISO		12/02/2009
ISO TC204	WG16		ISO/NP 13181-4				Intelligent Transport Systems - Communications Access for Land Mobiles (CALM) - Security -- Part 4: Countermeasures	Under development	NP	10.99	ISO		12/02/2009
ISO TC204	WG16		ISO 15662:2006				Intelligent transport systems -- Wide area communication -- Protocol management information	Published	IS, to be revised	90.92	ISO		11/06/2008

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ISO TC204	WG16		ISO/DIS 21210				Intelligent transport systems -- Communications access for land mobiles (CALM) -- Networking Protocols	Under development	DIS	40.60	ISO	Parts 1-3 merged into a single document	24/04/2008
ISO TC204	WG16		ISO 21212:2008				Intelligent transport systems -- Communications access for land mobiles (CALM) -- 2G Cellular systems	Published	IS	60.60	ISO		25/11/2008
ISO TC204	WG16		ISO 21213:2008				Intelligent transport systems -- Communications access for land mobiles (CALM) -- 3G Cellular systems	Published	IS	60.60	ISO		25/11/2008
ISO TC204	WG16		ISO 21214:2006				Intelligent transport systems -- Communications access for land mobiles (CALM) -- Infra-red systems	Published	IS, to be revised	90.92	ISO		11/06/2008
ISO TC204	WG16		ISO/DIS 21215				Intelligent transport systems -- Communications access for land mobiles (CALM) -- CALM M5	Under development	DIS	40.20	ISO		13/05/2009
ISO TC204	WG16		ISO/DIS 21216-1				Intelligent transport systems -- Wireless communications -- CALM using millimetre communications -- Part 1: Air interface	Under development	DIS	40.20	ISO		13/05/2009
ISO TC204	WG16		ISO/DIS 21217				Intelligent transport systems -- Communications access for land mobiles (CALM) -- Architecture	Under development	DIS	40.60	ISO		25/11/2008
ISO TC204	WG16		ISO 21218:2008				Intelligent transport systems -- Communications access for land mobiles (CALM) -- Medium service access points	Published	IS	60.60	ISO		25/11/2008
ISO TC204	WG16		ISO 22837:2009				Vehicle probe data for wide area communications	Published	IS	60.60	ISO		12/02/2009
ISO TC204	WG16		ISO/DIS 24100				Privacy - the basic principles for probe personal data protection	Under development	DIS	40.60	ISO		13/05/2009
ISO TC204	WG16		ISO 24101-1:2008				Intelligent transport systems -- Communications access for land mobiles (CALM) -- Application management -- Part 1: General requirements	Published	IS	60.60	ISO		24/04/2008
ISO TC204	WG16		ISO/CD 24101-2				Intelligent transport systems -- Communications access for land mobiles (CALM) -- Application management -- Part 2: Conformance test	Under development	CD	30.60	ISO		13/05/2009
ISO TC204	WG16		ISO/DIS 24102				Intelligent transport systems -- Communications access for land mobiles (CALM) -- CALM Management	Under development	DIS	40.20	ISO		13/05/2009
ISO TC204	WG16		ISO/PRF 24103				Intelligent transport systems -- Communications access for land mobiles (CALM) -- Media adapted interface layer (MAIL)	Under development	FDIS	50.20	ISO		13/05/2009
ISO TC204	WG16	CEN TC278, WG15	ISO/FDIS 24978	prCEN ISO/TS 24978		278206	Intelligent transport systems -- ITS Safety and emergency messages using any available wireless media -- Data registry procedures	Under development	FDIS	50.00	ISO	ISO/CD 24978 Automatic Crash Notification (ACN) is an alternative to CEN TS 15722:2008 (eCall) in CEN TC 278 WG15	13/05/2009
ISO TC204	WG16		ISO/DIS 25111				CALM using Public Networks -- General requirements	Under development	DIS	40.60	ISO		13/05/2009
ISO TC204	WG16		ISO/DIS 25112				Intelligent transport systems -- Communications access for land mobiles (CALM) -- Mobile wireless broadband using IEEE 802.16e/IEEE 802.16g	Under development	DIS	40.60	ISO		13/05/2009
ISO TC204	WG16		ISO/DIS 25113				Intelligent transport systems -- Communications access for land mobiles (CALM) -- Mobile wireless broadband using high capacity spatial division multiple access (HC-SDMA)	Under development	DIS	40.60	ISO		13/05/2009
ISO TC204	WG16		ISO/CD TS 25114				Probe Data Reporting Management	Under development	CD	30.60	ISO		12/02/2009
ISO TC204	WG16		ISO/CD 29281				Intelligent transport systems -- Communications access for land mobiles (CALM) -- Non-IP communication mechanisms	Under development	CD	30.60	ISO		25/11/2008
ISO TC204	WG16		ISO/CD 29282				CALM Applications using Satellite	Under development	CD	30.60	ISO		13/05/2009
ISO TC204	WG16		ISO/CD 29283				CALM - Mobile wireless broadband using HC-SDMA	Under development	CD	30.60	ISO		12/02/2009

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ISO TC204	WG16		ISO/NP 29284				Event based Probe Vehicle Data	Under development	NP	10.99	ISO		25/11/2008
ISO TC204 WG17 - Nomadic Devices in ITS Systems													
ISO TC204	WG17		ISO/AWI TR 10992				Nomadic Devices to support ITS Service and Multimedia Provision in Vehicles	Under development	WD	20.00	ISO		25/11/2008
ISO TC204	WG17		ISO/NP TS 13184				Real-time decision support system at all-way stop control intersections via nomadic and mobile devices	Under development	NP	10.99	ISO		12/02/2009
ISO TC204	WG17		ISO/NP TS 13185				Vehicle Interface for Provisioning and Support of ITS Services	Under development	NP	10.99	ISO		12/02/2009

Status Key

CD	Committee Draft
DIS	Draft International Standard
FDIS	Final Draft International Standard
IS	International Standard
NP	New Project
TR	Technical Report
TS	Technical Specification
WD	Working Draft

Source Key

International Organisation for Standardisation (ISO)	http://www.iso.org
Comité de Européen Normalisation (CEN)	http://192.87.114.76/cen278 http://www.cen.eu
European Telecommunications Standardisation Institute (ETSI)	http://portal.etsi.org

Further information on ISO Status codes can be found here:

http://www.iso.org/iso/standards_development/processes_and_procedures/stages_description/stages_table.htm

CEN Technical Committee 278 - Road Transport and Traffic Telematics

CEN TC278 WG1 - Electronic Fee Collection													
CEN TC278	WG1	ISO TC204, WG5	ISO/NP TS 12813	prCEN ISO/TS 12813		278253	Electronic fee collection - Compliance check communication for autonomous systems over DSRC	Under development	Ready for TS ballot		CEN		13/05/2009
CEN TC278	WG1			prEN ISO 12855		278233	Electronic fee collection - Information exchange between service provision and toll charging	Under development	First draft available		CEN		13/05/2009
CEN TC278	WG1	ISO TC204, WG5	ISO/NP TS 13140-1	prCEN ISO/TS 13140-1		278249	Electronic fee collection - Conformity evaluation of on-board and roadside equipment to CEN ISO/TS 13141 - Part 1: Test suite structure and test purposes	Under development	Under development		CEN		12/02/2009
CEN TC278	WG1	ISO TC204, WG5	ISO/CD TS 13141	prCEN ISO/TS 13141		278247	Electronic fee collection - Localisation augmentation communication for autonomous systems	Under development	Under parallel TC review		CEN		13/05/2009
CEN TC278	WG1	ISO TC204, WG5	ISO/NP TS 13143-1	prCEN ISO TS 13143-1		278248	Electronic fee collection - Conformity evaluation of on-board and roadside equipment to CEN ISO/TS 12813 - Part 1: Test suite structure and test purposes	Under development	Under development		CEN		13/05/2009
CEN TC278	WG1	ISO TC204, WG5	ISO/TS 14904:2002	ENV ISO 14904:2002		278139	Electronic Fee Collection (EFC) - Interface specification for clearing between operators (review)	Published	Published		CEN	Replaces ENV ISO 14904:1997	
CEN TC278	WG1	ISO TC204, WG5	ISO 14906:2004	EN ISO 14906:2004		278152	Electronic Fee Collection - Application interface definition for Dedicated Short-Range Communication (review)	Published	Published		CEN	Replaces ENV ISO 14906:1998	
CEN TC278	WG1	ISO TC204, WG5	ISO/DIS 14906	prEN ISO 14906		278234	Electronic Fee Collection - Application interface definition for Dedicated Short-Range Communication (review)	Under development	Parallel Enquiry closed		CEN		13/05/2009
CEN TC278	WG1	ISO TC204, WG5	ISO/TS 14907-1:2005	CEN ISO/TS 14907-1:2004		278168	Electronic fee collection - Test procedures for user and fixed equipment - Part 1: Description of test procedures	Published	Published		CEN	Replaces ENV ISO 14907-1:1999	

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CEN TC278	WG1	ISO TC204, WG5	ISO/CD TS 14907-1	Preliminary		278236	Electronic fee collection - Test procedures for user and fixed equipment - Part 1: Description of test procedures (review)	Under development	TC comments received		CEN		13/05/2009
CEN TC278	WG1	ISO TC204, WG5	ISO/TS 14907-2:2006	CEN ISO/TS 14907-2:2006		278103	Electronic fee collection - Test procedures for user and fixed equipment - Part 2: Conformance test for the onboard unit application interface	Published	Published		CEN		24/04/2008
CEN TC278	WG1			EN 15509:2007		278187	Electronic fee collection – Interoperable application profile for dedicated short range communication	Adopted	Adopted		CEN		24/04/2008
CEN TC278	WG1			prEN 15876-1		278216	Electronic fee collection (EFC) - Conformity evaluation of on-board unit and roadside equipment to EN 15509 - Part 1: Test Suite Structure and Test Purposes	Under development	Enquiry closed		CEN		13/05/2009
CEN TC278	WG1			Preliminary		278241	Electronic fee collection - Conformity evaluation of on-board unit and roadside equipment to EN 15509 - Part 2: Abstract test suite	Under development	Under development		CEN		12/02/2009
CEN TC278	WG1			TR 15762:2008		278215	Ensuring the correct function of ETC equipment installed behind metallised windshield	Adopted	Adopted		CEN		11/06/2008
CEN TC278	WG1	ISO TC204, WG5	ISO/TS 17573:2003	CEN ISO/TS 17573:2002		278114	Electronic Fee Collection - System architecture for vehicle related transport services	Published	Published		CEN		30/03/2007
CEN TC278	WG1	ISO TC204, WG5	ISO/DIS 17573	pEN ISO/TS 17573		278193	Electronic fee collection - System architecture for vehicle related transport services (review)	Under development	Under Parallel Enquiry		CEN		12/02/2009
CEN TC278	WG1	ISO TC204, WG5	ISO/TS 17574:2004	CEN ISO/TS 17574:2004		278105	Electronic Fee Collection (EFC) - Guidelines for EFC security protection profiles	Published	Published		CEN		25/11/2008
CEN TC278	WG1	ISO TC204, WG5	ISO/NP TS 17574	prCEN ISO/TS 17574		278235	Electronic fee collection - Guidelines for security protection profiles (Review)	Under development	Ready for TS ballot		CEN		13/05/2009
CEN TC278	WG1			prCEN ISO/TS 17575		278104	Electronic Fee Collection (EFC) — Application interface definition for EFC based on Global Navigation Satellite Systems and Cellular Network (GNSS/CN)	Under development	Parallel TC comments received		CEN		
CEN TC278	WG1	ISO TC204, WG5	ISO/CD TS 17575-1	prCEN ISO/TS 17575-1		278237	Electronic fee collection — Application interface definition for autonomous systems - Part 1: Charging	Under development	TC comments received		CEN		12/02/2009
CEN TC278	WG1	ISO TC204, WG5	ISO/CD TS 17575-2	prCEN ISO/TS 17575-2		278238	Electronic fee collection — Application interface definition for autonomous systems - Part 2: Communication and connection to the lower layers	Under development	TC comments received		CEN		12/02/2009
CEN TC278	WG1	ISO TC204, WG5	ISO/NP TS 17575-3	Preliminary		278239	Electronic fee collection — Application interface definition for autonomous systems - Part 3: Context data	Under development	Under development		CEN		12/02/2009
CEN TC278	WG1	ISO TC204, WG5	ISO/NP TS 17575-4	Preliminary		278240	Electronic fee collection — Application interface definition for autonomous systems - Part 4: Roaming	Under development	Under development		CEN		12/02/2009
CEN TC278	WG1	ISO TC204, WG5	ISO/TS 25110:2008	CEN ISO/TS 25110		278221	Electronic Fee Collection – Interface definition for on-board account using Integrated Circuit Card	Adopted	Adopted		CEN		25/11/2008
CEN TC278	WG1			Preliminary		278250	Electronic fee collection - Personalisation and mounting of first mount OBE	Under development	under development		CEN		12/02/2009
CEN TC278	WG1			N2088		278251	Electronic fee collection – Urban requirements for dedicated short-range communication	Under development	TC comments received		CEN		13/05/2009
CEN TC278	WG1			Preliminary		278252	Electronic fee collection - Requirements for pre-payment systems	Under development	Under development		CEN		12/02/2009
CEN TC278 WG2 - Dormant (formerly Freight and Fleet Management System)													
CEN TC278 WG3 - Public Transport													
CEN TC278	WG3			ENV 12694:1997		278077	Public transport - Road vehicles - Dimensional requirements for variable electronic external signs	Published	Published, lifetime extended		CEN	lifetime extended	
CEN TC278	WG3			ENV 12796:1997		278079	Public transport - Road vehicles - Validators	Published	Published		CEN		
CEN TC278	WG3			EN 12896:2006		278140	Public transport - Reference data model (review)	Published	Published		CEN		24/04/2008
CEN TC278	WG3			ENV 13093:1998		278078	Public transport - Road vehicles - Driver's console mechanical interface requirements - Minimum display and keypad parameters	Published	Published		CEN		
CEN TC278	WG3			EN 13149-1:2004		278169	Public transport - Road vehicle scheduling and control systems - Part 1: WORLDIFIP definition and application rules for onboard data transmission (review)	Published	Published		CEN	Replaces ENV 13149-1:1999	

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CEN TC278	WG3			EN 13149-2:2004		278170	Public transport - Road vehicle scheduling and control systems - Part 2: WORLDVIP cabling specifications (review)	Published	Published		CEN	Replaces ENV 13149-2:2000	
CEN TC278	WG3			CEN TS 13149-3:2006		278196	Public transport - Road vehicle scheduling and control systems - Part 3: WORLDVIP message content	Adopted	Adopted, ready for publication		CEN		03/10/2006
CEN TC278	WG3			EN 13149-4:2004		278175	Public transport - Road vehicle scheduling and control systems - Part 4: General application rules for CANopen transmission busses (review)	Published	Published		CEN	Replaces ENV 13149-4	
CEN TC278	WG3			EN 13149-5:2005		278176	Public transport - Road vehicle scheduling and control systems - Part 5: CANopen cabling specifications (review)	Published	Published		CEN	Replaces ENV 13149-5:2002	
CEN TC278	WG3			TS 13149-6:2004		278125	Public transport - Road vehicle scheduling and control systems - Part 6: CAN message content	Published	Published		CEN		
CEN TC278	WG3			ENV 13998:2001		278083	Public transport - Non interactive dynamic passenger information on ground	Published	Published		CEN		
CEN TC278	WG3			CEN TS 15504:2006		278195	Public transport - Road vehicles - Visible variable passenger information devices inside the vehicle	Adopted	Adopted, ready for publication		CEN		03/10/2006
CEN TC278	WG3			CEN TS 15531-1:2006		278202	Public transport - Service interface for real-time information relating to public transport operations - Part 1: Context and framework	Adopted	Adopted		CEN	adopted	03/10/2006
CEN TC278	WG3			CEN TS 15531-2:2006		278203	Public transport - Service interface for real-time information relating to public transport operations - Part 2: Communications infrastructure	Adopted	Adopted		CEN	adopted	03/10/2006
CEN TC278	WG3			CEN TS 15531-3:2006		278204	Public transport - Service interface for real-time information relating to public transport operations - Part 3: Functional service interfaces	Adopted	Adopted		CEN	adopted	03/10/2006
CEN TC278	WG3			Preliminary		278218	Public transport - Service interface for real-time information relating to public transport operations - Part 4: Real-time status monitoring information of facilities	Under development	Preliminary		CEN		24/04/2008
CEN TC278	WG3			Preliminary		278219	Public transport - Service interface for real-time information relating to public transport operations - Part 5: Traffic incident monitoring service	Under development	Preliminary		CEN		24/04/2008
CEN TC278	WG3	ISO TC204, WG8	ISO 24014-1:2007	EN ISO 24014-1:2007		278179	Public transport - Interoperable fare management system - Part 1: Architecture	Adopted	Adopted		CEN		24/04/2008
CEN TC278	WG3			prEN ISO 24014-2		278222	Public transport - Interoperable fare management system - Part 2: Recommended business practices for set of rules	Under development	Under development		CEN		12/02/2009
CEN TC278	WG3	ISO TC204, WG8	ISO/NP TS 28701	CEN TS 28701:2008		278207	Public transport - Identification of Fixed Objects in Public Transport (IFOPT)	Adopted	Adopted		CEN		25/11/2008
CEN TC278 WG4 - Traffic and Traveller Information													
CEN TC278	WG4			ENV 12315-1:1996		278060	Traffic and Travel Information (TTI) - TTI Messages via Dedicated Short-Range Communication - Part 1: Data specification - Downlink (roadside to vehicle)	Published	Published, lifetime extended		CEN	lifetime extended	
CEN TC278	WG4			ENV 12315-2:1996		278026	Traffic and Travel Information (TTI) - TTI Messages via Dedicated Short-Range Communication - Part 2: Data specification - Uplink (vehicle to roadside)	Published	Published, lifetime extended		CEN	lifetime extended	
CEN TC278	WG4	ISO TC204, WG10	ISO 14819-1:2003	EN ISO 14819-1:2002		278112	Traffic and Travel Information (TTI) - TTI Messages via traffic message coding - Part 1: Coding protocol for Radio Data System - Traffic Message Channel (RDS-TMC) using ALERT-C	Published	Published		CEN	Replaces ENV 12313-1:1998	11/05/2006
CEN TC278	WG4	ISO TC204, WG10	ISO 14819-2:2003	EN ISO 14819-2:2002		278113	Traffic and Travel Information (TTI) - TTI Messages via traffic message coding - Part 2: Event and information codes for Radio Data System - Traffic Message Channel (RDS-TMC)	Published	Published		CEN	Replaces ENV 12313-2:1997	11/05/2006
CEN TC278	WG4			Preliminary		278197	Traffic and Travel Information (TTI) - TTI Messages via traffic message coding - Part 2: Event and information codes for Radio Data System - Traffic Message Channel (RDS-TMC) (Review)	Under development	Preliminary		CEN		
CEN TC278	WG4	ISO TC204, WG10	ISO 14819-3:2004	EN ISO 14819-3:2003		278151	Traffic and Travel Information (TTI) - TTI Messages via traffic message coding - Part 3: Location referencing for ALERT-C (review)	Published	Published		CEN	Replaces ENV ISO 14819-3:2000	
CEN TC278	WG4			ENV 12313-4:1999		278116	Traffic and Travel Information (TTI) - TTI Messages via traffic message coding - Part 4: Coding protocol for Radio Data System - Traffic Message Channel (RDS-TMC) - RDS-TMC using ALERT-Plus with ALERT-C	Published	Published		CEN		
CEN TC278	WG4	ISO TC204, WG10	ISO 14819-6:2006	prEN ISO 14819-6		278158	Traffic and Travel Information (TTI) - TTI Messages via traffic message coding - Part 6: Encryption and condition access for the Radio Data System - Traffic Message Channel ALERT C coding	Published	Published		CEN		

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CEN TC278	WG4	ISO TC204, WG10	ISO/TS 14822-1:2006	CEN ISO/TS 14821-1:2003		278129	Traffic and Travel Information (TTI) - TTI messages via cellular networks - Part 1: General specifications	Published	Published		CEN		
CEN TC278	WG4			CEN ISO/TS 14821-2:2003		278130	Traffic and Travel Information (TTI) - TTI messages via cellular networks - Part 2: Numbering and ADP message header	Published	Published		CEN		
CEN TC278	WG4			CEN ISO/TS 14821-3:2003		278131	Traffic and Travel Information (TTI) - TTI messages via cellular networks - Part 3: Basic information elements	Published	Published		CEN		
CEN TC278	WG4			CEN ISO/TS 14821-4:2003		278132	Traffic and Travel Information (TTI) - TTI messages via cellular networks - Part 4: Service-independent protocols	Published	Published		CEN		
CEN TC278	WG4			CEN ISO/TS 14821-5:2003		278133	Traffic and Travel Information (TTI) - TTI messages via cellular networks - Part 5: Internal services	Published	Published		CEN		
CEN TC278	WG4			CEN ISO/TS 14821-6:2003		278134	Traffic and Travel Information (TTI) - TTI messages via cellular networks - Part 6: External services	Published	Published		CEN		
CEN TC278	WG4			CEN ISO/TS 14821-7:2003		278135	Traffic and Travel Information (TTI) - TTI messages via cellular networks - Part 7: Performance requirements for onboard positioning	Published	Published		CEN		
CEN TC278	WG4			CEN TS 14821-8:2003		278136	Traffic and Travel Information (TTI) - TTI messages via cellular networks - Part 8: GSM-specific parameters	Published	Published		CEN		25/11/2008
CEN TC278	WG4			CEN ISO/TS 14822-1:2005		278177	Traffic and Travel Information - Medium-range pre-information via DSRC - General specification - Part 1: downlink	Published	Published		CEN		
CEN TC278	WG4			prCEN ISO/TS 14822-2		278178	Traffic and Travel Information - Medium-range pre-information via DSRC - General specification - Part 2: uplink	Under development	TC comments received		CEN	TC comments received	30/03/2007
CEN TC278	WG4	ISO TC204, WG10	ISO/TS 14823:2008	CEN ISO/TS 14823:2007		278200	Traffic and Travel Information - Messages via media-independent stationary dissemination systems - Graphic data dictionary for pre-trip and in-trip information dissemination system	Adopted	Adopted		CEN		25/11/2008
CEN TC278	WG4	ISO TC204, WG10	ISO/TS 18234-1:2006	CEN ISO/TS 18234-1:2004		278147	Traffic and Travel Information (TTI) - TTI via Transport Protocol Expert Group (TPEG) data-streams - Part 1: Introduction, Numbering and Versions	Published	Published		CEN		
CEN TC278	WG4	ISO TC204, WG10	ISO/TS 18234-2:2006	CEN ISO/TS 18234-2:2006		278148	Traffic and Travel Information (TTI) - TTI via Transport Protocol Expert Group (TPEG) data-streams - Part 2: Syntax, Semantics and Framing Structure (SSF)	Published	Published		CEN		24/04/2008
CEN TC278	WG4	ISO TC204, WG10	ISO/TS 18234-3:2006	CEN ISO/TS 18234-3:20046		278149	Traffic and Travel Information (TTI) - TTI via Transport Protocol Expert Group (TPEG) data-streams - Part 3: Service and Network Information (SNI) Application	Published	Published		CEN		
CEN TC278	WG4	ISO TC204, WG10	ISO/TS 18234-4:2006	CEN ISO/TS 18234-4:2006		278150	Traffic and Travel Information (TTI) - TTI via Transport Protocol Expert Group (TPEG) data-streams - Part 4: Road Traffic Message (RTM) Application	Published	Published		CEN		
CEN TC278	WG4	ISO TC204, WG10	ISO/TS 18234-5:2006	CEN ISO/TS 18234-5:2006		278159	Traffic and Travel Information (TTI) - TTI via Transport Protocol Expert Group (TPEG) data-streams - Part 5: Public Transport Information (PTI) Application	Published	Published		CEN		24/04/2008
CEN TC278	WG4	ISO TC204, WG10	ISO/TS 18234-6:2006	CEN ISO/TS 18234-6:2006		278160	Traffic and Travel Information (TTI) - TTI via Transport Protocol Expert Group (TPEG) data-streams - Part 6: Location Referencing for applications (TPEG-Loc)	Published	Published		CEN		24/04/2008
CEN TC278	WG4	ISO TC204, WG10	ISO/NP TS 18234-7	prCEN ISO/TS 18234-7		278208	Traffic and Travel Information (TTI) - TTI via Transport Protocol Expert Group (TPEG) data-streams - Part 7: Parking Information (PKI) application (TPEG-PKI)	Under development	Under development		CEN		30/03/2007
CEN TC278	WG4	ISO TC204, WG10	ISO/NP TS 18234-8	prCEN ISO/TS 18234-8		278209	Traffic and Travel Information (TTI) - TTI via Transport Protocol Expert Group (TPEG) data-streams - Part 8: Congestion and Travel Time information (CTT) application (TPEG-CTT)	Under development	Under development		CEN		30/03/2007
CEN TC278	WG4	ISO TC204, WG10	ISO/NP TS 18234-9	prCEN ISO/TS 18234-9		278210	Traffic and Travel Information (TTI) - TTI via Transport Protocol Expert Group (TPEG) data-streams - Part 9: Traffic Event Compact (TEC) application (TPEG-TEC)	Under development	Under development		CEN		30/03/2007
CEN TC278	WG4	ISO TC204, WG10	ISO/NP TS 18234-10	prCEN ISO/TS 18234-10		278211	Traffic and Travel Information (TTI) - TTI via Transport Protocol Expert Group (TPEG) data-streams - Part 10: Weather information (WEA) application (TPEG-WEA)	Under development	Under development		CEN		30/03/2007
CEN TC278	WG4	ISO TC204, WG10	ISO/TS 24530-1:2006	CEN ISO/TS 24530-1:2006		278161	Traffic and Travel Information (TTI) - TTI via Transport Protocol expert Group (TPEG) Extensible Markup Language (XML) - Part 1: Introduction, common data types and tpegML	Published	Published		CEN		11/05/2006
CEN TC278	WG4	ISO TC204, WG10	ISO/TS 24530-2:2006	CEN ISO/TS 24530-2:2006		278162	Traffic and Travel Information (TTI) - TTI via Transport Protocol expert Group (TPEG) Extensible Markup Language (XML) - Part 2: tpeg-locML	Published	Published		CEN		11/05/2006
CEN TC278	WG4	ISO TC204, WG10	ISO/TS 24530-3:2006	CEN ISO/TS 24530-3:2006		278163	Traffic and Travel Information (TTI) - TTI via Transport Protocol expert Group (TPEG) Extensible Markup Language (XML) - Part 3: tpeg-rtmML	Published	Published		CEN		11/05/2006

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CEN TC278	WG4	ISO TC204, WG10	ISO/TS 24530-4:2006	CEN ISO/TS 24530-4:2006		278164	Traffic and Travel Information (TTI) - TTI via Transport Protocol expert Group (TPEG) Extensible Markup Language (XML) – Part 4: tpeg-ptiML	Published	Published		CEN		11/05/2006
CEN TC278	WG4	ISO TC204, WG10	ISO/NP TS 24530-5	N1741		278198	Traffic and Travel Information (TTI) - TTI via Transport Protocol expert Group (TPEG) Extensible Markup Language (XML) – Part 5: tpeg-pkiML	Under development	Ready for Parallel Formal Vote		CEN	ready for parallel formal vote N1741	
CEN TC278	WG4	ISO TC204, WG10	ISO/NP TS 24530-6	Preliminary		278199	Traffic and Travel Information (TTI) - TTI via Transport Protocol expert Group (TPEG) Extensible Markup Language (XML) – Part 6: tpeg-cttML	Under development	Preliminary		CEN		
CEN TC278	WG4	ISO TC204, WG10	ISO/NP TS 24530-7	prCEN ISO/TS 24530-7		278212	Traffic and Travel Information (TTI) - TTI via Transport Protocol expert Group (TPEG) Extensible Markup Language (XML) – Part 7: tpeg-weaML	Under development	Under development		CEN		03/10/2006
CEN TC278 WG5 - Dormant (formerly Traffic Control Systems)													
CEN TC278	WG5			Preliminary		278213	Traffic management systems - Detection on motorways for traffic information and traffic management applications	Under development	Preliminary		CEN		
CEN TC278 WG6 - Dormant													
CEN TC278 WG7 - Dormant (formerly Geographic Data Files)													
CEN TC278	WG7	ISO TC204, WG3	ISO 14825:2004	EN ISO 14825:2003		278137	Intelligent transport systems - Geographic Data Files (GDF) - Overall data specification	Published	Published		CEN	Replaces ENV ISO 14825:1996, WG dormant, ISO has lead	
CEN TC278 WG8 - Road Databases													
CEN TC278	WG8			Preliminary		278225	DATEX II data exchange specifications for traffic management and information - Part 1: Context and framework	Under development	Under TC review		CEN	Replaces ENV 13777:2000	13/05/2009
CEN TC278	WG8			Preliminary		278226	DATEX II data exchange specifications for traffic management and information - Part 2: location referencing	Under development	Under development		CEN	Replaces ENV 13777:2000	12/02/2009
CEN TC278	WG8			Preliminary		278227	DATEX II data exchange specifications for traffic management and information - Part 3: Situation publication	Under development	Under development		CEN	Replaces ENV 13777:2000	12/02/2009
CEN TC278 WG9 - Dedicated Short Range Communications													
CEN TC278	WG9			EN 12253:2004		278141	Dedicated Short-Range Communication - Physical layer using microwave at 5.8 GHz (review)	Published	Published		CEN	Replaces ENV 12253:1997	
CEN TC278	WG9			EN 12795:2002		278142	Dedicated Short-Range Communication (DSRC) - DSRC Data link layer: Medium Access and Logical Link Control (review)	Published	Published		CEN	Replaces ENV 12795:1997	
CEN TC278	WG9	ISO TC204, WG15	ISO 15628:2007	EN 12834:2002		278143	Dedicated Short-Range Communication - Application layer (review)	Published	Published		CEN	Replaces ENV 12834:1997	
CEN TC278	WG9			EN 13372:2004		278144	Dedicated Short-Range Communication (DSRC) - DSRC profiles for RTTT applications (review)	Published	Published		CEN	Replaces ENV 13372:1999	
CEN TC278 WG10 - Dormant (formerly Human-Machine Interfaces) - all work now carried out in ISO TC22, SC13, WG8 (below)													
CEN TC278 WG11 - Dormant													
CEN TC278 WG12 - Automatic Vehicle and Equipment Identification													
CEN TC278	WG12	ISO TC204, WG4	ISO 14814:2006	EN ISO 14814:2006		278157	Automatic vehicle and equipment identification - Reference architecture and terminology (review)	Published	Published		CEN		
CEN TC278	WG12	ISO TC204, WG4	ISO 14815:2005	EN ISO 14815:2005		278172	Automatic vehicle and equipment identification - System specification (review)	Published	Published		CEN	Replaces ENV ISO 14815:2000	
CEN TC278	WG12	ISO TC204, WG4	ISO 14816:2005	EN ISO 14816:2005		278173	Automatic vehicle and equipment identification - Numbering and data structures (review)	Published	Published		CEN	Replaces ENV ISO 14816:2000	
CEN TC278	WG12	ISO TC204, WG4	ISO/TS 17261:2005	CEN ISO/TS 17261:2004		278090	Intelligent transport systems — Automatic vehicle and equipment identification — Intermodal goods transport architecture and terminology	Published	Published		CEN		
CEN TC278	WG12	ISO TC204, WG4	ISO/TS 17262:2003	CEN ISO/TS 17262:2002		278088	Automatic vehicle and equipment identification - Intermodal goods transport - Numbering and data structures	Published	Published		CEN		
CEN TC278	WG12	ISO TC204, WG4	ISO/TS 17263:2003	CEN ISO/TS 17263:2002		278089	Automatic vehicle and equipment identification - Intermodal goods transport - System parameters	Published	Published		CEN		

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CEN TC278	WG12			CEN ISO/TS 17264		278201	Automatic vehicle and equipment identification - Interfaces	Adopted	Adopted		CEN	ISO project expired. Re-instated as Work Item 278228	24/04/2008
CEN TC278	WG12	ISO TC204, WG4	ISO/DIS 17264	prEN ISO 17264		278228	Automatic vehicle and equipment identification - Interfaces (review)	Under development	Parallel Enquiry closed		CEN		13/05/2009
CEN TC278	WG12	ISO TC204, WG4	ISO/TS 24534-1:2007	CEN ISO/TS 24534-1:2006		278182	Automatic vehicle and equipment identification – Electronic Registration Identification (ERI) for vehicles - Part 1: Architecture	Adopted	Adopted		CEN		24/04/2008
CEN TC278	WG12	ISO TC204, WG4	ISO/DIS 24534-1	prEN ISO 24534-1		278229	Automatic vehicle and equipment identification – Electronic Registration Identification (ERI) for vehicles - Part 1: Architecture (review)	Under development	Under Parallel Enquiry		CEN		12/02/2009
CEN TC278	WG12	ISO TC204, WG4	ISO/TS 24534-2:2007	CEN ISO/TS 24534-2:2006		278183	Automatic vehicle and equipment identification – Electronic Registration Identification (ERI) for vehicles - Part 2: Operational requirements	Adopted	Adopted		CEN		24/04/2008
CEN TC278	WG12	ISO TC204, WG4	ISO/DIS 24534-2	prEN ISO 24534-2		278230	Automatic vehicle and equipment identification – Electronic Registration Identification (ERI) for vehicles - Part 2: Operational requirements (review)	Under development	Under Parallel Enquiry		CEN		12/02/2009
CEN TC278	WG12	ISO TC204, WG4	ISO/TS 24534-3:2008	CEN ISO/TS 24534-3:2006		278184	Automatic vehicle and equipment identification – Electronic Registration Identification (ERI) for vehicles - Part 3: Vehicle data	Adopted	Adopted in CEN, not published		CEN		24/04/2008
CEN TC278	WG12	ISO TC204, WG4	ISO/DIS 24534-3	EN ISO 24534-3		278231	Automatic vehicle and equipment identification – Electronic Registration Identification (ERI) for vehicles - Part 3: Vehicle data (review)	Under development	Under Parallel Enquiry		CEN		12/02/2009
CEN TC278	WG12	ISO TC204, WG4	ISO/TS 24534-4:2008	CEN ISO/TS 24534-4:2006		278185	Automatic vehicle and equipment identification – Electronic Registration Identification (ERI) for vehicles - Part 4: Secure communications using asymmetrical techniques	Adopted	Adopted		CEN		24/04/2008
CEN TC278	WG12	ISO TC204, WG4	ISO/DIS 24534-4	prEN ISO 24534-4		278232	Automatic vehicle and equipment identification – Electronic Registration Identification (ERI) for vehicles - Part 4: Secure communications using asymmetrical techniques (review)	Under development	Under Parallel Enquiry		CEN		12/02/2009
CEN TC278 WG13 - Architecture													
CEN TC278	WG13	ISO TC204, WG1	ISO 14813-1:2007			278002	Intelligent transport systems -- Reference model architecture(s) for the ITS sector -- Part 1: ITS service domains, service groups and services	Published	IS	60.60	ISO	14813-(1to6) are not listed on CEN website, but are in ISO WG1	
CEN TC278	WG13	ISO TC204, WG1	ISO/TR 14813-2:2000			278107	Transport information and control systems -- Reference model architecture(s) for the TICS sector -- Part 2: Core TICS reference architecture	Published	IS	60.60	ISO	CEN TC278 WG13 is active and voted on 14813-	
CEN TC278	WG13	ISO TC204, WG1	ISO/TR 14813-3:2000			278108	Transport information and control systems -- Reference model architecture(s) for the TICS sector -- Part 3: Example elaboration	Published	IS, under review	90.60	ISO		
CEN TC278	WG13	ISO TC204, WG1	ISO/TR 14813-4:2000			278109	Transport information and control systems -- Reference model architecture(s) for the TICS sector -- Part 4: Reference model tutorial	Published	IS, under review	90.60	ISO		
CEN TC278	WG13	ISO TC204, WG1	ISO/TR 14813-5:1999			278110	Transport information and control systems -- Reference model architecture(s) for the TICS sector -- Part 5: Requirements for architecture description in TICS standards	Published	IS, to be revised	90.92	ISO		
CEN TC278	WG13	ISO TC204, WG1	ISO/TR 14813-6:2000			278111	Transport information and control systems -- Reference model architecture(s) for the TICS sector -- Part 6: Data presentation in ASN.1	Published	IS, to be revised	90.92	ISO		30/03/2007
CEN TC278 WG14 - Recovery of Stolen Vehicles													
CEN TC278	WG14			CEN TS 15213-1:2005		278166	After-theft systems for the recovery of stolen vehicles - Part 1: Reference architecture and terminology	Published	Published		CEN		
CEN TC278	WG14			CEN TS 15213-2:2005		278095	After-theft systems for the recovery of stolen vehicles - Part 2: Common status message elements	Published	Published		CEN		11/05/2006
CEN TC278	WG14			CEN TS 15213-3:2006		278189	After-theft systems for the recovery of stolen vehicles - Part 3: Interface and system requirements in terms of short range communication system	Published	Published		CEN		12/02/2009
CEN TC278	WG14			CEN TS 15213-4:2006		278190	After-theft systems for the recovery of stolen vehicles - Part 4: Interface and system requirements in terms of long range communication system	Published	Published		CEN		03/10/2006
CEN TC278	WG14			CEN TS 15213-5:2006		278191	After-theft systems for the recovery of stolen vehicles - Part 5: Messaging interface	Published	Published		CEN		03/10/2006
CEN TC278	WG14			CEN TS 15213-6		278214	After-theft systems for the recovery of stolen vehicles - Part 6: Test procedures	Published	Published		CEN		12/02/2009

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CEN TC278 WG15 - eSafety													
CEN TC278	WG15			CEN TS 15722:2008		278205	Road transport and traffic telematics - eSafety - eCall minimum set of data (MSD)	Adopted	Adopted		CEN	CEN TS 15722:2008 (eCall) is an alternative to prCEN ISO/TS 24978 Automatic Crash Notification (ACN)	24/04/2008
CEN TC278	WG15			prEN 15722		278242	Intelligent transport systems - eSafety - eCall minimum set of data (MSD) (review)	Under development	No TC comments received		CEN		13/05/2009
CEN TC278	WG15	ISO TC204, WG16	ISO/DIS 24978	prCEN ISO/TS 24978		278206	Intelligent transport systems - Emergency and safety data registry	Under development	Under development		CEN	prCEN ISO/TS 24978 Automatic Crash Notification (ACN) is an alternative to CEN TS 15722:2008 (eCall)	24/04/2008
CEN TC278	WG15			prCEN/TS 278220		278220	eSafety - Pan-European eCall Operating requirements	Under development	TC comments received		CEN		13/05/2009
CEN TC278	WG15			Preliminary		278243	Intelligent transport systems - eCall - High level application protocols	Under development	Under development		CEN		12/02/2009
CEN TC278	WG15			Preliminary		278244	Intelligent transport systems - eCall - Operating requirements for third party support	Under development	Under development		CEN		12/02/2009
CEN TC278	WG15			Preliminary		278245	Intelligent transport systems - eCall - Quality of service requirements	Under development	Under development		CEN		12/02/2009
CEN TC278	WG15			Preliminary		278246	Intelligent transport systems - eSafety - Third party emergency support services	Under development	Under development		CEN		12/02/2009
CEN TC278 WG16 - Co-operative systems													
CEN TC278	WG16											Recently established; currently no work items	13/05/2009

Status Key

CD	Committee Draft
DIS	Draft International Standard
FDIS	Final Draft International Standard
IS	International Standard
NP	New Project
TR	Technical Report
TS	Technical Specification
WD	Working Draft

Source Key

International Organisation for Standardisation (ISO)	http://www.iso.org
Comité de Européen Normalisation (CEN)	http://192.87.114.76/cen278 http://www.cen.eu
European Telecommunications Standardisation Institute (ETSI)	http://portal.etsi.org

Further information on ISO Status codes can be found here:

http://www.iso.org/iso/standards_development/processes_and_procedures/stages_description/stages_table.htm

ETSI Technical Committee ITS - Intelligent Transport Systems**ETSI TC ITS WG1 - User and Application Requirements**

Technical Committee	Working Group	Repeat	ISO Number	CEN Number	ETSI Number	Other Ref Number	Standard Title	Status	Detailed Status	ISO Status	Source	Notes	Last Updated
ETSI TC ITS	WG1				TR 102 638 Ver. 1.1.1	ITS-0010001	Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Definitions	Under Development	End of pre-processing (2009-02-25)		ETSI	Next Status: WG approval (2009-07-30)	13/05/2009
ETSI TC ITS	WG1				TBC - (TS)	ITS-0010002-1	Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Part 1: Functional Requirements Part 1: Functional Requirements	Under Development	Start of work (2008-04-10)		ETSI	Next Status: WG approval (2009-10-31)	13/05/2009
ETSI TC ITS	WG1				TBC - (TS)	ITS-0010002-2	Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Part 2: Specification of Co-operative Awareness Basic Service	Under Development	Start of work (2008-04-10)		ETSI	Next Status: WG approval (2009-10-31)	13/05/2009
ETSI TC ITS	WG1				TBC - (TS)	ITS-0010002-3	Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Application; Part 3: Specification of Decentralized Environmental Notification Basic Service	Under Development	Start of work (2008-04-10)		ETSI	Next Status: WG approval (2009-10-31)	13/05/2009
ETSI TC ITS	WG1				TS 102 637-4 Ver. 1.1.1	ITS-0010002-4	Intelligent Transport Systems (ITS); Vehicular Communications; Basic set of applications; Part 4: Operational Requirements.	Under Development	Start of work (2008-04-10)		ETSI	Next Status: WG approval (2009-10-31)	13/05/2009
ETSI TC ITS	WG1				TR 102 698 Ver. 1.1.1	ITS-0010003	Intelligent Transport Systems (ITS); Vehicular Communications; C2C-CC Demonstrator 2008; Use Cases and Technical Specifications	Under Development	TB approval (2009-04-23)		ETSI	Next Status: Draft receipt by ETSI Secretariat (2009-05-07)	13/05/2009
ETSI TC ITS WG2 - Architecture, Cross Layer and Web Services													
ETSI TC ITS	WG2				TS 102 665	ITS-0020012	Intelligent Transport Systems (ITS); Vehicular Communications; Architecture	Under Development	Start of work (2008-04-09)		ETSI	Next Status: WG approval (2009-07-30)	13/05/2009
ETSI TC ITS	WG2				TS 102 760-1 Ver. 1.1.1	ITS-0020008	Intelligent Transport Systems (ITS); Road Transport and Traffic Telematics (RTTT); Test specifications for Intelligent Transport Systems, Communications Access for Land Mobiles (CALM), Medium Service Access Points (ISO 21218); Part 1: Protocol Implementation Conformance Statement (PICS) proforma	Under Development	Start of work (2007-07-01)		ETSI	Next Status: Draft available (2008-02-29)	13/05/2009
ETSI TC ITS	WG2				TS 102 760-2 Ver. 1.1.1	ITS-0020009	Intelligent Transport Systems (ITS); Road Transport and Traffic Telematics (RTTT); Test specifications for Intelligent Transport Systems, Communications Access for Land Mobiles (CALM), Medium Service Access Points (ISO 21218); Part 2: Test Suite Structure and Test Purposes (TSS & TP)	Under Development	Start of work (2007-07-01)		ETSI	Next Status: Draft available (2008-02-29)	13/05/2009
ETSI TC ITS	WG2				TBC - (TS)	ITS-0020002	Intelligent Transport Systems (ITS); Road Transport and Traffic Telematics (RTTT); Test specifications for High Data Rate (HDR) data transmission equipment operating in the 5,8 GHz Industrial, Scientific and Medical (ISM) band; Part 1: Data Link Layer; Sub-Part 1: Protocol Implementation Conformance Statement (PICS) proforma specification	Under Development	TB adoption of WI (2006-03-17)		ETSI	Next Status: Start of work (2008-12-01)	13/05/2009
ETSI TC ITS	WG2				TBC - (TS)	ITS-0020003	Intelligent Transport Systems (ITS); Road Transport and Traffic Telematics (RTTT); Test specifications for High Data Rate (HDR) data transmission equipment operating in the 5,8 GHz Industrial, Scientific and Medical (ISM) band; Part 1: Data Link Layer; Sub-Part 2: Test Suite Structure and Test Purposes (TSS&TP)	Under Development	TB adoption of WI (2006-03-17)		ETSI	Next Status: Start of work (2008-11-01)	13/05/2009
ETSI TC ITS	WG2				TBC - (TS)	ITS-0020004	Intelligent Transport Systems (ITS); Road Transport and Traffic Telematics (RTTT); Test specifications for High Data Rate (HDR) data transmission equipment operating in the 5,8 GHz Industrial, Scientific and Medical (ISM) band; Part 1: Data Link Layer; Sub-Part 3: Abstract Test Suite (ATS) and partial PIXIT proforma	Under Development	TB adoption of WI (2006-03-17)		ETSI	Next Status: Start of work (2008-11-01)	13/05/2009
ETSI TC ITS	WG2				TBC - (TS)	ITS-0020005	Intelligent Transport Systems (ITS); Road Transport and Traffic Telematics (RTTT); Test specifications for High Data Rate (HDR) data transmission equipment operating in the 5,8 GHz Industrial, Scientific and Medical (ISM) band; Part 2: Application Layer Common Application Service Elements; Sub-Part 1: Protocol Implementation Conformance Statement (PICS) proforma specification	Under Development	TB adoption of WI (2006-03-17)		ETSI	Next Status: Start of work (2008-11-01)	13/05/2009
ETSI TC ITS	WG2				TBC - (TS)	ITS-0020006	Intelligent Transport Systems (ITS); Road Transport and Traffic Telematics (RTTT); Test specifications for High Data Rate (HDR) data transmission equipment operating in the 5,8 GHz Industrial, Scientific and Medical (ISM) band; Part 2: Application Layer Common Application Service Elements; Sub-Part 2: Test Suite Structure and Test Purposes (TSS&TP)	Under Development	TB adoption of WI (2006-03-17)		ETSI	Next Status: Start of work (2008-11-01)	13/05/2009

Technical Committee	Working Group	Repeat	ISO Number	CEN Number	ETSI Number	Other Ref Number	Standard Title	Status	Detailed Status	ISO Status	Source	Notes	Last Updated
ETSI TC ITS	WG2				TBC - (TS)	ITS-0020007	Intelligent Transport Systems (ITS); Road Transport and Traffic Telematics (RTTT); Test specifications for High Data Rate (HDR) data transmission equipment operating in the 5,8 GHz Industrial, Scientific and Medical (ISM) band; Part 2: Application Layer Common Application Service Elements; Sub-Part 3: Abstract Test Suite (ATS) and partial PIXIT proforma.	Under Development	TB adoption of WI (2006-03-17)		ETSI	Next Status: Start of work (2008-11-01)	13/05/2009
ETSI TC ITS	WG2				TBC - (TS)	ITS-0020010	Intelligent Transport Systems (ITS); Road Transport and Traffic Telematics (RTTT); Test specifications for Intelligent Transport Systems, Communications Access for Land Mobiles (CALM), Interface Manager (ISO 24102); Part 1: Protocol Implementation Conformance Statement (PICS) proforma	Under Development	Start of work (2007-07-01)		ETSI	Next Status: Draft available (2008-07-01)	13/05/2009
ETSI TC ITS	WG2				TBC - (TS)	ITS-0020011	Intelligent Transport Systems (ITS); Road Transport and Traffic Telematics (RTTT); Test specifications for Intelligent Transport Systems, Communications Access for Land Mobiles (CALM), Interface Manager (ISO 24102); Part 2: Test Suite Structure and Test Purposes (TSS & TP)	Under Development	Start of work (2007-07-01)		ETSI	Next Status: Draft available (2008-07-01)	13/05/2009
ETSI TC ITS	WG2				TBC - (TR)	ITS-0020013	Intelligent Transport Systems (ITS); ETSI object identifier tree; ITS domain.	Under Development	Final draft for approval (2009-04-24)		ETSI	Next Status: WG approval (2009-08-01)	13/05/2009
ETSI TC ITS	WG2				TBC - (EN)	ITS-0020014	Intelligent Transport Systems (ITS); RTTT; Technical characteristics and test methods for High Data Rate (HDR) data transmission equipment operating in the 5,8 GHz ISM band.	Under Development	Start of work (2009-04-24)		ETSI	Next Status: Early draft (2009-09-24)	13/05/2009
ETSI TC ITS WG3 - Transport and Network													
ETSI TC ITS	WG3				TS 102 636-1 Ver. 1.1.1	ITS-0030002	Intelligent Transport Systems (ITS); Vehicular Communications; Part 1: Requirements for GeoNetworking and Data Transport Protocol	Under Development	Start of work (2008-04-10)		ETSI	Next Status: WG approval (2009-10-31)	13/05/2009
ETSI TC ITS	WG3				TS 102 636-2 Ver. 1.1.1	ITS-0030003	Intelligent Transport Systems (ITS); Vehicular Communications; Part 2: Scenarios for GeoNetworking	Under Development	Start of work (2008-04-10)		ETSI	Next Status: WG approval (2009-10-31)	13/05/2009
ETSI TC ITS	WG3				TS 102 636-3 Ver. 1.1.1	ITS-0030004	Intelligent Transport Systems (ITS); Vehicular Communications; Part 3: Network architecture	Under Development	Start of work (2008-04-10)		ETSI	Next Status: WG approval (2009-10-31)	13/05/2009
ETSI TC ITS	WG3				TS 102 636-4-1	ITS-0030001	Intelligent Transportation System (ITS); Vehicular communications; Part 4: Geographical addressing and forwarding for point-to-point and point-to-multipoint communications; Subpart 1: Media independent functionalities	Under Development	Start of work (2008-04-10)		ETSI	Next Status: WG approval (2009-10-30)	13/05/2009
ETSI TC ITS	WG3				TS 102 636-4-2 Ver. 1.1.1	ITS-0030007	Intelligent Transport Systems (ITS); Vehicular Communications; Part 4: Geographical addressing and forwarding for point-to-point and point-to-multipoint communications; Subpart 2: Media dependent functionalities for 5 GHz media (5,9 GHz)	Under Development	Start of work (2008-04-10)		ETSI	Next Status: WG approval (2009-10-31)	13/05/2009
ETSI TC ITS	WG3				TBC - (TS)	ITS-0030006	Intelligent Transport Systems (ITS); Vehicular Communications; Part 5: Transport Protocols; Subpart 1: Basic Transport Protocol for GeoNetworking	Under Development	Start of work (2008-04-10)		ETSI	Next Status: WG approval (2009-10-31)	13/05/2009
ETSI TC ITS	WG3				TBC - (TS)	ITS-0030005	Intelligent Transport Systems (ITS); Vehicular Communications; Part 6: Internet Integration; Subpart 1: Integration of IPv6 and GeoNetworking	Under Development	Start of work (2008-04-10)		ETSI	Next Status: WG approval (2009-10-31)	13/05/2009
ETSI TC ITS WG4 - Media and Medium related													
ETSI TC ITS	WG4	ETSI ERM, TG37			TS 102 486-1-2 Ver. 1.2.1	ITS-0040006	Intelligent Transport Systems (ITS); 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)	Published	Publication (2008-10-06)		ETSI	Keywords - Protocol Testing for DSC MAC and LLC layers	13/05/2009
ETSI TC ITS	WG4	ETSI ERM, TG37			TS 102 486-1-3 Ver. 1.2.1	ITS-0040007	Intelligent Transport Systems (ITS); 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	Published	Publication (2008-10-06)		ETSI	Keywords - DSRC data link layer; ATS and partial PIXIT proforma	13/05/2009
ETSI TC ITS	WG4				TS 102 486-1-3 Ver. 1.2.2	ITS-0040017	Intelligent Transport Systems (ITS); 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	Under Development	Draft receipt by ETSI Secretariat (2009-04-28)		ETSI	Next Status: Publication (2009-05-26)	13/05/2009
ETSI TC ITS	WG4	ETSI ERM, TG37			TS 102 486-2-1 Ver. 1.2.1	ITS-0040008	Intelligent Transport Systems (ITS); 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	Published	Publication (2008-10-06)		ETSI	Keywords - DSRC application layer; PICS proforma specification	13/05/2009

Technical Committee	Working Group	Repeat	ISO Number	CEN Number	ETSI Number	Other Ref Number	Standard Title	Status	Detailed Status	ISO Status	Source	Notes	Last Updated
ETSI TC ITS	WG4	ETSI ERM, TG37			TS 102 486-2-2 Ver. 1.2.1	ITS-0040009	Intelligent Transport Systems (ITS) 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)	Published	Publication (2008-10-06)		ETSI	Keywords - DSRC application layer; TSS&TP	13/05/2009
ETSI TC ITS	WG4	ETSI ERM, TG37			TS 102 486-2-3 Ver. 1.2.1	ITS-0040010	Intelligent Transport Systems (ITS); 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	Published	Publication (2008-10-06)		ETSI	Keywords - DSRC application layer; ATS and partial PIXIT proforma	13/05/2009
ETSI TC ITS	WG4				TS 102 687 Ver. 1.1.1	ITS-0040014	Intelligent Transport Systems (ITS); Transmitter Power Control Mechanism for Intelligent Transport Systems operating in the 5 GHz range.	Under Development	Start of work (2008-04-10)		ETSI	Next Status: WG approval (2010-01-01)	13/05/2009
ETSI TC ITS	WG4				ES 202 663 Ver. 1.1.1	ITS-0040015	Intelligent Transport Systems (ITS); European profile standard for the physical and medium access control layer of Intelligent Transport Systems operating in the 5 GHz frequency band	Under Development	TB adoption of WI (2008-05-15)		ETSI	Next Status: Start of work (2008-10-01)	13/05/2009
ETSI TC ITS	WG4				TBC - (TS)	ITS-0040001	Intelligent Transport Systems (ITS); Communications Access for Land Mobiles (CALM), Test procedures for Infra-Red medium	Under Development	Start of work (2004-12-14)		ETSI	Next Status: Draft available (2009-01-30)	13/05/2009
ETSI TC ITS	WG4				TBC - (TS)	ITS-0040004	Intelligent Transport Systems (ITS); Road Transport and Traffic Telematics (RTTT); CALM 63-64 GHz	Under Development	Start of work (2006-07-01)		ETSI	Next Status: WG approval (2009-05-01)	13/05/2009
ETSI TC ITS	WG4				TBC - (TS)	ITS-0040013	Intelligent Transport Systems (ITS); Mitigation techniques to avoid interference between European CEN Dedicated Short Range Communication (RTTT DSRC) equipment and Intelligent Transport Systems (ITS) operating in the 5 GHz frequency range	Under Development	Start of work (2008-04-10)		ETSI	Next Status: WG approval (2010-01-01)	13/05/2009
ETSI TC ITS	WG4				TBC - (TS)	ITS-0040016	Intelligent Transport Systems (ITS); Harmonized Channel Specifications for Intelligent Transport Systems operating in the 5 GHz frequency band	Under Development	Start of work (2008-10-04)		ETSI	Next Status: WG approval (2009-09-15)	13/05/2009
ETSI TC ITS WG5 - Security													
ETSI TC ITS	WG5				TBC - (TS)	ITS-0050001	Intelligent Transportation Systems (ITS); Security; Secure and Privacy-Preserving Vehicular Communication.	Under Development	Start of work (2007-12-05)		ETSI	Next Status: WG approval (2009-06-28)	13/05/2009
ETSI TC ITS	WG5				TBC - (TS)	ITS-0050005	Intelligent Transport Systems (ITS); Security; Threat Vulnerability and Risk Analysis (TVRA)	Under Development	Start of work (2008-10-13)		ETSI	Next Status: WG approval (2009-09-15)	13/05/2009
ETSI TC ITS	WG5				TBC - (TS)	ITS-0050006	Intelligent Transport Systems (ITS); Security; Objectives and functional requirements (stage 2)	Under Development	Start of work (2008-10-13)		ETSI	Next Status: WG approval (2009-09-15)	13/05/2009

ETSI ERM - Electromagnetic compatibility and Radio spectrum Matters

ETSI ERM Task Group 37 - Intelligent Transport Systems (Electromagnetic compatibility and Radio spectrum Matters)													
ETSI ERM	TG37				TS 102 486-1-1 Ver. 1.1.1	TG37-001-1	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	Published	Publication (2006-03-16)		ETSI	Keywords - Protocol Testing for DSC MAC and LLC layers	13/05/2009
ETSI ERM	TG37	ETSI TC ITS, WG4			TS 102 486-1-2 Ver. 1.1.1	TG37-001-2	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)	Published	Publication (2006-08-11)		ETSI	Keywords - Protocol Testing for DSC MAC and LLC layers	13/05/2009
ETSI ERM	TG37	ETSI TC ITS, WG4			TS 102 486-1-3 Ver. 1.1.1	TG37-001-3	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	Published	Publication (2006-08-11)		ETSI	Keywords - Protocol Testing for DSC MAC and LLC layers	13/05/2009

Technical Committee	Working Group	Repeat	ISO Number	CEN Number	ETSI Number	Other Ref Number	Standard Title	Status	Detailed Status	ISO Status	Source	Notes	Last Updated
ETSI ERM	TG37	ETSI TC ITS, WG4			TS 102 486-2-1 Ver. 1.1.1	TG37-002-1	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	Published	Publication (2006-03-16)		ETSI	Keywords - Protocol testing for DSRC application layer.	13/05/2009
ETSI ERM	TG37	ETSI TC ITS, WG4			TS 102 486-2-2 Ver. 1.1.1	TG37-002-2	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)	Published	Publication (2006-08-11)		ETSI	Keywords - Protocol testing for DSRC application layer.	13/05/2009
ETSI ERM	TG37	ETSI TC ITS, WG4			TS 102 486-2-3 Ver. 1.1.1	TG37-002-3	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	Published	Publication (2006-08-11)		ETSI	Keywords - Protocol testing for DSRC application layer.	13/05/2009
ETSI ERM	TG37				TR 102 654 Ver. 1.1.1	TG37-265	Electromagnetic compatibility and Radio spectrum Matters (ERM); Road Transport and Traffic Telematics (RTTT); Co-location and Co-existence Considerations regarding Dedicated Short Range Communication (DSRC) transmission equipment and Intelligent Transport Systems (ITS) operating in the 5 GHz frequency range and other potential sources of interference	Published	Publication (2009-01-23)		ETSI	Keywords - Co-location and co-existence requirements of European CEN DSRC and ITS in 5 GHz band	13/05/2009
ETSI ERM	TG37				ES 200 674-1 Ver. 2.1.1	TG37-013	Electromagnetic compatibility and Radio spectrum Matters (ERM); Road Transport and Traffic Telematics (RTTT); Part 1: Technical characteristics and test methods for High Data Rate (HDR) data transmission equipment operating in the 5,8 GHz Industrial, Scientific and Medical (ISM) band	Published	Publication (2007-10-03)		ETSI		13/05/2009
ETSI ERM	TG37				EN 302 571 Ver. 1.1.1	TG37-007	Intelligent Transport Systems (ITS); Radiocommunications equipment operating in the 5 855 MHz to 5 925 MHz frequency band; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive	Under Development	Delivery to the EC (2008-09-09)		ETSI	Keywords - Candidate Harmonised Standard, RTTT operating in the 5,85 GHz to 5,925 GHz band	13/05/2009
ETSI ERM	TG37				EN 302 686 Ver. 1.1.1	TG37-008	Electromagnetic compatibility and Radio spectrum Matters (ERM); Candidate Harmonised Standard covering Intelligent Transport Systems/Road Transport and Traffic Telematics communications systems operating in the 63 GHz to 64 GHz band.	Under Development	Start of work (2004-03-12)		ETSI	Next Status: WG approval (2009-12-01)	13/05/2009

NOTE: The "detailed status" column for ETSI contains information directly from the ETSI website. Some dates for "next status" occur in the past, because they are late and deadlines have been missed. For further information, visit the ETSI website and click "Work Item Progress Report".

Status Key

CD	Committee Draft
DIS	Draft International Standard
EN	European Standard
ES	ETSI Standard
FDIS	Final Draft International Standard
IS	International Standard
NP	New Project
TR	Technical Report
TS	Technical Specification
WD	Working Draft

Source Key

International Organisation for Standardisation (ISO)	http://www.iso.org
Comité de Européen Normalisation (CEN)	http://192.87.114.76/cen278 http://www.cen.eu
European Telecommunications Standardisation Institute (ETSI)	http://portal.etsi.org

Further information on ISO Status codes can be found here:

http://www.iso.org/iso/standards_development/processes_and_procedures/stages_description/stages_table.htm

ISO Technical Committee 22 - Road Vehicles

ISO TC22	SC13 - Ergonomics applicable to road vehicles, WG8 - Transport information and control systems (TICS) on-board - Man-machine interfaces (MMI) (Previously CEN TC 278 WG 10)	ISO/AWI 12204											
ISO TC22	SC13, WG8	ISO/AWI 12204				Road vehicles -- Ergonomic aspects of transport information and control systems -- Principles and guidelines for the integration of time-sensitive and safety-critical warning signals in road vehicles	Under development	WD		20	ISO		24/04/2008

Technical Committee	Working Group	Repeat	ISO Number	CEN Number	ETSI Number	Other Ref Number	Standard Title	Status	Detailed Status	ISO Status	Source	Notes	Last Updated
ISO TC22	SC13, WG8		ISO 15005:2002				Road vehicles -- Ergonomic aspects of transport information and control systems -- Dialogue management principles and compliance procedures	Published	IS, under review	90.6	ISO		24/04/2008
ISO TC22	SC13, WG8		ISO 15006:2004				Road vehicles -- Ergonomic aspects of transport information and control systems -- Specifications and compliance procedures for in-vehicle auditory presentation	Published	IS, under review	90.6	ISO		24/04/2008
ISO TC22	SC13, WG8		ISO 15007-1:2002				Road vehicles -- Measurement of driver visual behaviour with respect to transport information and control systems -- Part 1: Definitions and parameters	Published	IS, under review	90.6	ISO		24/04/2008
ISO TC22	SC13, WG8		ISO/TS 15007-2:2001				Road vehicles -- Measurement of driver visual behaviour with respect to transport information and control systems -- Part 2: Equipment and procedures	Published	IS, confirmed	90.93	ISO		24/04/2008
ISO TC22	SC13, WG8		ISO 15008:2009				Road vehicles -- Ergonomic aspects of transport information and control systems -- Specifications and test procedures for in-vehicle visual presentation	Published	IS	60.6	ISO	Replaces ISO 15008:2003	13/05/2009
ISO TC22	SC13, WG8		ISO/TR 16352:2005				Road vehicles -- Ergonomic aspects of in-vehicle presentation for transport information and control systems -- Warning systems	Published	IS	60.6	ISO		24/04/2008
ISO TC22	SC13, WG8		ISO 16673:2007				Road vehicles -- Ergonomic aspects of transport information and control systems -- Occlusion method to assess visual demand due to the use of in-vehicle systems	Published	IS	60.6	ISO		24/04/2008
ISO TC22	SC13, WG8		ISO/TS 16951:2004				Road vehicles -- Ergonomic aspects of transport information and control systems (TICS) -- Procedures for determining priority of on-board messages presented to drivers	Published	IS, under review	90.6	ISO		24/04/2008
ISO TC22	SC13, WG8		ISO 17287:2003				Road vehicles -- Ergonomic aspects of transport information and control systems -- Procedure for assessing suitability for use while driving	Published	IS, under review	90.6	ISO		25/11/2008
ISO TC22	SC13, WG8		ISO/DIS 26022				Road vehicles -- Ergonomic aspects of transport information and control systems -- Simulated lane change test to assess in-vehicle secondary task demand	Under development	DIS	40.93	ISO		25/11/2008

CEN Technical Committee 224 - Personal Identification, Electronic Signature and Cards and their Related Systems and Operations

CEN TC224 WG11 - Transport applications													
CEN TC224	WG11			EN 1545-1:2005			Identification card systems - Surface transport applications - Part 1: Elementary data types, general code lists and general data elements	Published	Published		CEN		
CEN TC224	WG11			EN 1545-2:2005			Identification card systems - Surface transport applications - Part 2: Transport and travel payment related data elements and code lists	Published	Published		CEN		
CEN TC224	WG11			ENV 14062-1:2001			Identification card systems - Surface transport applications - Electronic fee collection - Part 1: Physical characteristics, electronic signals and transmission protocols	Published	Published		CEN		24/04/2008
CEN TC224	WG11			ENV 14062-2:2001			Identification card systems - Surface transport applications - Electronic fee collection - Part 2: Message requirements	Published	Published		CEN		24/04/2008
CEN TC224	WG11			EN 15320:2007			Identification card systems - Surface transport applications - Interoperable Public Transport Applications - Framework	Published	Published		CEN		24/04/2008

Deleted Projects and Withdrawn Standards

ISO TC204	WG1		14812	WI 00278001			Glossary of standard terminologies for the transport information and control sector	Withdrawn / deleted	Withdrawn		ISO		
ISO TC204	WG1		14813-7	WI 00278002			Reference model architecture for the TICS sector - TICS Data Profiles	Withdrawn / deleted	published		DC		
ISO TC204	WG1		ISO/TR 14813-1:1999	WI 00278002			Transport information and control systems -- Reference model architecture(s) for the TICS sector -- Part 1: TICS fundamental services	Withdrawn / deleted	Withdrawn, 1999 replaced by 2007	95.99	ISO		
ISO TC204	WG1		14817-1				Data modelling for transport information - Data Registry (ASN.1)	Withdrawn / deleted	Merged with 14817			Merged into a single document as 14817	

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ISO TC204	WG1		14817-2				Data modelling for transport information - Data Dictionary Documentation(ASN.1)	Withdrawn / deleted	Merged with 14817			Merged into a single document as 14817	
ISO TC204	WG1		14817-3				Data modelling for transport information - Data Message requirements(ASN.1)	Withdrawn / deleted	Merged with 14817			Merged into a single document as 14817	
ISO TC204	WG1		20561				TICS Reference Architecture Representations and Mappings	Withdrawn / deleted	PWI				
ISO TC204	WG1		ISO/CD 25106				Procedures and format for ITS Glossaries	Withdrawn / deleted	deleted	30.98	ISO		30/03/2007
ISO TC204	WG2		16263				Privacy principles for TICS	Withdrawn / deleted	dormant				
ISO TC204	WG2		16272				Exploration of Map database Quality Requirements for adv Driver Systems	Withdrawn / deleted	dormant				
ISO TC204	WG2		16275				Exploration of survivability Requirements for emergency Notification Systems	Withdrawn / deleted	dormant				
ISO TC204	WG3		ISO/TR 14825:1996				Geographic Data Files (GDF)	Withdrawn / deleted	Withdrawn, 1996 replaced by 2004	95.99	ISO		
ISO TC204	WG3		14826				Physical storage for TICS database technology (revised)	Withdrawn / deleted	adopted			now 20452	
ISO TC204	WG3		17571				Publishing update for geographic databases (Revised)	Withdrawn / deleted	NWI				
ISO TC204	WG3		CD 17572				Intelligent Transport Systems (ITS) -- Location Referencing for Geographic Databases	Withdrawn / deleted	CD, split into 3 parts		ISO	Voting complete	
ISO TC204	WG3		22953				Transport information and control systems -- Reference model architecture(s) for the TICS sector -- eXtended Geographic Data Files (XGDF)	Withdrawn / deleted	WD		CEN		30/03/2007
ISO TC204	WG4		ISO/TS 14815:2000				Road transport and traffic telematics -- Automatic vehicle and equipment identification -- System specifications	Withdrawn / deleted	Withdrawn, 2000 replaced by 2005	95.99	ISO		
ISO TC204	WG4		ISO/TS 14816:2000				Road transport and traffic telematics -- Automatic vehicle and equipment identification -- Numbering and data structure	Withdrawn / deleted	Withdrawn, 2000 replaced by 2005	95.99	ISO		
ISO TC204	WG4	CEN TC278, WG12	ISO/CD TS 17264	CEN ISO/TS 17264		278201	Road transport and traffic telematics -- Automatic vehicle and equipment identification -- Interfaces	Withdrawn / deleted	CD	30.98	ISO	CEN has lead, but ISO project expired. Re-instated as NP 17264	29/04/2009
ISO TC204	WG5		ISO/TR 14904:1997				Road transport and traffic telematics -- Automatic fee collection (AFC) - Interface specification for clearing between operators	Withdrawn / deleted	Withdrawn, 1997 replaced by 2002	95.99	ISO		
ISO TC204	WG5		ISO/TR 14906:1998				Road Transport and Traffic Telematics (RTTT) -- Electronic Fee Collection (EFC) -- Application interface definition for dedicated short range communications	Withdrawn / deleted	Withdrawn, 1998 replaced by 2004	95.99	ISO		
ISO TC204	WG7		ISO/CD 24533				Transport information and control systems -- Data dictionary and message set to facilitate the movement of freight and its intermodal transfer -- Road transport information exchanges	Withdrawn / deleted	deleted	30.98	ISO	Working draft study	03/10/2006
ISO TC204	WG8		17265				Transit Vehicle Local Area Network	Withdrawn / deleted	expired				
ISO TC204	WG8		17382				Transit communication Protocol	Withdrawn / deleted	deleted				
ISO TC204	WG8		17685				Standard Numbering for Public Transport Stops	Withdrawn / deleted	PWI				
ISO TC204	WG8		17686				Public Transport Communications Interface Profile (TCIP)	Withdrawn / deleted	CD			Extended life until Oct 05	
ISO TC204	WG8		17688				Transport Area Cabling (TCIP)	Withdrawn / deleted	NWI				
ISO TC204	WG8		22177				ITS Emergency service Communications interface	Withdrawn / deleted	pre PWI				

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ISO TC204	WG9		ISO/TS 14819-3:2000				Traffic and Travel Information (TTI) -- TTI messages via traffic message coding -- Part 3: Location referencing for ALERT-C	Withdrawn / deleted	Withdrawn, 2000 replaced by 2004	95.99	ISO		
ISO TC204	WG9		ISO/WD 15784-2				Intelligent transport systems (ITS) -- Data exchange involving roadside modules communication -- Part 2: Application profile -- transportation management protocols (AP - TMP)	Withdrawn / deleted	deleted	20.98	ISO		30/03/2007
ISO TC204	WG9		17383				TICS - Integrated Transport Information, management and Control - Data Dictionary	Withdrawn / deleted	PWI				
ISO TC204	WG10		14818	WI00278022			TTI conceptual model architecture and terminology	Withdrawn / deleted	NWI		PB	CEN has lead (TC278 WG4)	
ISO TC204	WG10		14819-4	ENV 12313-4:1999			TTI messages via TMC Coding part 4 protocol for Alert +	Withdrawn / deleted	ENV		CEN		
ISO TC204	WG10		14819-5	12313-5			TTI messages via TMC Coding part 5 Location coding for Alert +	Withdrawn / deleted			PB		
ISO TC204	WG10		14820-1	12315-1: 1996			TTI messages via dedicated short range communication, data specification downlink	Withdrawn / deleted	lifetime extended		CEN		
ISO TC204	WG10		14820-2	12315-2: 1996			TTI messages via dedicated short range communication, data specification uplink	Withdrawn / deleted	lifetime extended		CEN		
ISO TC204	WG10		15074				User services integration for traffic and traveller message lists	Withdrawn / deleted	deleted		PB		
ISO TC204	WG10		PAS 17684: 2003				TICS in-vehicle navigation systems - message set translator to ASN.1 format definitions	Withdrawn / deleted	ENV		ISO		
ISO TC204	WG11		16914				On Board System Architecture - a Reference Layer Model	Withdrawn / deleted	NWI				
ISO TC204	WG11		17362				Navigation system application program interface (API)	Withdrawn / deleted	dormant				
ISO TC204	WG11		20693				Data concepts for navigation and route guidance services adaptable to the design template for navigation sets.	Withdrawn / deleted	pre PWI				
ISO TC204	WG11						ASN.1 message set translator	Withdrawn / deleted	withdrawn			Incorporated into 17684	
ISO TC204	WG13		N102				Taxonomy of Driver-vehicle transactions with advanced navigation & route guidance	Withdrawn / deleted	abandoned		AS	moved to area TC 22	
ISO TC204	WG13		N103				Op standards for Driver-vehicle control & warning systems	Withdrawn / deleted	abandoned		AS	moved to area TC 22	
ISO TC204	WG13		N104				Framework for integration of Driver Information and Control Systems	Withdrawn / deleted	abandoned		AS	moved to area TC 22	
ISO TC204	WG14		22838				Enhanced ACC	Withdrawn / deleted	NWI		SG		
ISO TC204	WG14		22839				Road vehicles - Rear end collision mitigation braking system (RECMS)	Withdrawn / deleted	PWI		CEN		30/03/2007
ISO TC204	WG14		26684				Intersection violation warning system (ISVWS)	Withdrawn / deleted	PWI		CR		
ISO TC204	WG14						Yellow Signal Warning System	Withdrawn / deleted	pre PWI		SG		
ISO TC204	WG14						Co-operative vehicle-highway systems	Withdrawn / deleted	pre-PWI		AS	Open invitation for interest	
ISO TC204	WG15		15625	EN 13372: 2004			DSRC Profiles for RTTT applications	Withdrawn / deleted	EN		CEN		
ISO TC204	WG15		18253				DSRC Resource Manager	Withdrawn / deleted	deleted				
ISO TC204	WG15						Windshield mounting of DSRC equipment	Withdrawn / deleted	PWI		DC		
ISO TC204	WG15						Physical integration of DSRC Equipment in Vehicles	Withdrawn / deleted	PWI		DC		
ISO TC204	WG16		21209				CALM - RADAR (merged with MM)	Withdrawn / deleted	withdrawn				
ISO TC204	WG16		ISO/CD 21210-1				CALM (Communication Air-interface Long and Medium range) Networking Protocols -- Part 1: CALM Networking for Internet Connectivity	Withdrawn / deleted	Merged with 21210	30.98	ISO	Voting complete	
ISO TC204	WG16		ISO/CD 21210-2				CALM (Communication Air-interface Long and Medium range) Networking Protocols -- Part 2: CALM Networking for Direct Mode Connectivity	Withdrawn / deleted	Merged with 21211	30.98	ISO		03/10/2006
ISO TC204	WG16		21210-3				CALM - Network Protocols (IEEE P1609)	Withdrawn / deleted	CD, Merged with 21212				
ISO TC204	WG16		21211				CALM -1G Cellular	Withdrawn / deleted	withdrawn		DC	(Analogue may be USA only?)	

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ISO TC204	WG16		ISO/WD 21216				CALM-MM: Medium and long range, high speed, air interface parameters and protocols for broadcast, point-point, vehicle-vehicle, and vehicle-point communications in the ITS Sector using MILLIMETRE WAVE MOCROWAVE COMMUNICATIONS, including specifications for Master/Slave and Peer to Peer Communications	Withdrawn / deleted	deleted, replaced by CD 21216-1	20.98	ISO		03/10/2006
ISO TC204	WG16		ISO/CD 21217				Communications, Air Interface, Long and Medium Range (CALM) -- Architecture	Withdrawn / deleted	Deleted, replaced by DIS 21217	30.98	ISO	Ballot initiated	
ISO TC204	WG16		21708				Message header and Control for Wide Area Communications (merged with 21210)	Withdrawn / deleted	withdrawn				
ISO TC204	WG16		22952				Medium and Long range (wireless) Communications Requirement	Withdrawn / deleted	AWI		ISO	complete	
ISO TC204	WG16		ISO/DIS 24101				Intelligent transport systems -- Communications, air interface, long and medium range (CALM) -- Application management	Withdrawn / deleted	Deleted, replaced by 24101-1:2008	40.98	ISO		30/03/2007
ISO TC204	WG16		CD 24977	NP24977			ITS - Wireless communications -Emergency call using cellular networks	Withdrawn / deleted	CD		CEN	Work on 24977 "eCall" is done in CEN TC 278 WG 15 and is replaced by CEN TS 15722:2008	
ISO TC204	WG16		29282				CALM Applications using satellite	Withdrawn / deleted	PWI		CEN		30/03/2007
ISO TC204	WG16		29283				CALM Applications using 802.20	Withdrawn / deleted	PWI		CEN		30/03/2007
ISO TC204	WG16		29284				Event based probe vehicle data	Withdrawn / deleted	PWI		CEN		30/03/2007

CEN TC278	WG1			ENV ISO 14904:1997		278005	Electronic Fee Collection - Interface specification for clearing between operators	Withdrawn / deleted	Replaced by ENV ISO 14904:2002		CEN		
CEN TC278	WG1			ENV ISO 14906:1998		278009	Electronic Fee Collection - Application interface definition for Dedicated Short-Range Communication	Withdrawn / deleted	Replaced by EN ISO 14906:2004		CEN		
CEN TC278	WG1			ENV ISO 14906:1998		278076	Electronic Fee Collection - Application interface definition for Dedicated Short-Range Communication	Withdrawn / deleted	Replaced by EN ISO 14906:2004		CEN		
CEN TC278	WG1			ENV ISO 14907-1:1999		278010	Electronic Fee Collection - Test procedures for user and fixed equipment - Part 1: Description of test procedures	Withdrawn / deleted	Withdrawn		CEN	Replaced by CEN ISO/TS 14907-1:2004	
CEN TC278	WG1			WI 278188			EFC - Conformity evaluation of onboard unit and roadside equipment to EN0278178	Withdrawn / deleted			CEN	replaced by WI 278216	
CEN TC278	WG1			N318			EFC requirements for DSRC	Withdrawn / deleted	ITR			complete	
CEN TC278	WG1			N780			Definition of threats and security controls for EFC	Withdrawn / deleted	completed				
CEN TC278	WG1			N798			EFC application requirements for GSM/GNSS based EFC	Withdrawn / deleted	completed		ISO		
CEN TC278	WG1			N779			EFC requirements for IC Cards	Withdrawn / deleted	ITR			Complete, Work Now Done by CEN TC224 WG 11,	
CEN TC278	WG1		14905	N278			Requirements for integrated payment	Withdrawn / deleted	TR			complete (published)	
CEN TC278	WG1						EFC application interface definition for IC Cards (liaison to TC224/WG11)	Withdrawn / deleted	ITR			Work Now Done by CEN TC224 WG 11,	
CEN TC278	WG1		pwi 5.1				EFC architecture	Withdrawn / deleted	Liaison				
CEN TC278	WG2			N739		278094	Freight and Fleet Management Systems - Reference architecture and terminology - Part 1: high level architecture and terms	Withdrawn / deleted	Deleted by BT		CEN	deleted	
CEN TC278	WG3			ENV 12896:1997		278021	Public transport - Reference data model	Withdrawn / deleted	Withdrawn		CEN		

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CEN TC278	WG3			EN 12896:2006			PT reference Data model	Withdrawn / deleted	withdrawn		CEN		03/10/2006
CEN TC278	WG3			prEN 13093 review		278156	Public transport - Road vehicles - Driver's console mechanical interface requirements - Minimum display and keypad parameters (review)	Withdrawn / deleted	Deleted by BT		CEN		
CEN TC278	WG3			ENV 13149-1:1999		278019	Public transport - Road vehicle scheduling and control systems - Part 1: WORLDFIP definition and application rules for onboard data transmission	Withdrawn / deleted	Replaced by EN 13149-1:2004		CEN		
CEN TC278	WG3			ENV 13149-2:2000		278121	Public transport - Road vehicle scheduling and control systems - Part 2: WORLDFIP cabling specifications	Withdrawn / deleted	Replaced by EN 13149-2:2004		CEN		
CEN TC278	WG3			ENV 13149-4		278123	Public transport - Road vehicle scheduling and control systems - Part 4: General application rules for CANopen transmission busses	Withdrawn / deleted	Replaced by EN 13149-4:2005		CEN		
CEN TC278	WG3			ENV 13149-5:2002		278124	Public transport - Road vehicle scheduling and control systems - Part 5: CANopen cabling specifications	Withdrawn / deleted	Replaced by EN 13149-5:2005		CEN		
CEN TC278	WG3			WI 00278082			PT road vehicle AVMS testing	Withdrawn / deleted	deleted				
CEN TC278	WG3			WI 00278080			PT Interoperable Public Transport Fare Management Systems Part 2: Messaging	Withdrawn / deleted	deleted		CEN		03/10/2006
CEN TC278	WG3			WI 00278155			PT road vehicle validators (review)	Withdrawn / deleted	deleted		CEN	Deleted	
CEN TC278	WG3			WI 00278153			Public transport - Automatic ticket vending machines - Traveller interface	Withdrawn / deleted	deleted		CEN	Deleted	
CEN TC278	WG3			WI 278181			PT Automatic vehicle management systems - standard interface for real-time information	Withdrawn / deleted	TS		CEN		
CEN TC278	WG3			N417			PT requirements for on-board data transmission	Withdrawn / deleted	ITR			complete	
CEN TC278	WG3						PT Out-board Data Transmission (DSRC)	Withdrawn / deleted	ITR				
CEN TC278	WG4			ENV 12313-1:1998		278098	Traffic and Travel Information (TTI) - TTI Messages via traffic message coding - Part 1: Coding protocol for Radio Data System - Traffic Message Channel (RDS-TMC) using ALERT- C	Withdrawn / deleted	Replaced by EN ISO 14819-1		CEN		
CEN TC278	WG4			ENV 12313-2:1997		278071	Traffic and Travel Information (TTI) - TTI Messages via traffic message coding - Part 2: Event and information codes for Radio Data System - Traffic Message Channel (RDS-TMC)	Withdrawn / deleted	Replaced by EN ISO 14819-2		CEN		
CEN TC278	WG4			ENV ISO 14819-3:2000		278115	Traffic and Travel Information (TTI) - TTI Messages via traffic message coding - Part 3: Location referencing for ALERT- C	Withdrawn / deleted	Replaced by EN ISO 14819-3:200		CEN		
CEN TC278	WG4		14819-5	12313-5			TTI messages via TMC part 5 Location referencing for Alert Plus	Withdrawn / deleted	deleted		BSI		
CEN TC278	WG4		14821	WI 00278025			TTI messages via cellular networks	Withdrawn / deleted	NA		CEN	Split into parts 1-8	
CEN TC278	WG4		14818	WI 00278022			TTI conceptual model	Withdrawn / deleted	CEN31				
CEN TC278	WG4			WI 00278084			TTI messages via medium specific systems	Withdrawn / deleted	TS		CEN	N1116 ready for vote	
CEN TC278	WG4		15074				TTI User Services Integration	Withdrawn / deleted	NWI		CR		
CEN TC278	WG5			N490			TC terminology	Withdrawn / deleted	ITR			complete	
CEN TC278	WG6			N256			PM terminology	Withdrawn / deleted	ITR			complete	
CEN TC278	WG6			N257,N267			Parking guidance equipments requirements	Withdrawn / deleted	ITR			complete	
CEN TC278	WG6			N260			PM requirements for DSRC	Withdrawn / deleted	ITR			complete	
CEN TC278	WG7			ENV ISO 14825:1996		278039	Geographic Data Files	Withdrawn / deleted	Replaced by EN ISO 14825:2003		CEN		
CEN TC278	WG7			WI 00278043			GRD requirements specifications for particular applications	Withdrawn / deleted	CEN11		CEN		
CEN TC278	WG7			N/A		278041	Geographic road data - Location catalogues	Withdrawn / deleted	Deleted by BT		CEN		
CEN TC278	WG7			N/A		278044	Geographic road data - Maintenance rules	Withdrawn / deleted	Deleted by BT		CEN		

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CEN TC278	WG8			ENV 13106:2000		278120	DATEX traffic and travel data dictionary (version 3.1.a)	Withdrawn / deleted	Withdrawn		CEN	Replaces ENV 13106-1:1998	
CEN TC278	WG8			ENV 13106-1:1998		278091	Traffic and travel data dictionary - Part 1: General definitions, entities, attributes	Withdrawn / deleted	Replaced by ENV 13106:2000		CEN		
CEN TC278	WG8			prEN 13106		278171	DATEX traffic and travel data dictionary	Withdrawn / deleted	Deleted by BT		CEN		
CEN TC278	WG8			ENV 13777:2000		278072	DATEX specifications for data exchange between traffic and travel information centres (version 1.2.a)	Withdrawn / deleted	Withdrawn		CEN		11/06/2008
CEN TC278	WG8			WI 00278073			RTD - EDS - Exchange procedures (low level) [low level=centre to roadside]	Withdrawn / deleted	dormant				
CEN TC278	WG8			WI 00278074			RTD - EDS - Exchange formats (low level)	Withdrawn / deleted	CEN11				
CEN TC278	WG8			WI 00278075			Physical interfaces	Withdrawn / deleted	CEN11				
CEN TC278	WG8			WI 00278085			RTD - EDS - Exchange protocol (low level)	Withdrawn / deleted	dormant				
CEN TC278	WG8			WI00278174			Data models for structuring DATEX traffic and travel information	Withdrawn / deleted					
CEN TC278	WG8			N752			DATEX NET specifications for interoperability	Withdrawn / deleted	CEN 32				
CEN TC278	WG9			ENV 12253:1997		278092	Dedicated Short-Range Communication - Physical layer using microwave at 5.8 GHz	Withdrawn / deleted	Replaced by EN 12253:2004		CEN		
CEN TC278	WG9			ENV 12795:1997		278053	Dedicated Short-Range Communication (DSRC) - DSRC Data link layer: Medium Access and Logical Link Control	Withdrawn / deleted	Replaced by EN 12795:2002		CEN		
CEN TC278	WG9			ENV 12834:1997		278051	Dedicated Short-Range Communication - Application layer	Withdrawn / deleted	Replaced by EN 12834:2002		CEN		
CEN TC278	WG9			ENV 13372:1999		278106	Dedicated Short-Range Communication (DSRC) - DSRC profiles for RTTT applications	Withdrawn / deleted	Replaced by EN 13372:2004		CEN		
CEN TC278	WG9			NWI			DSRC Physical layer 1 (infrared) 850mm	Withdrawn / deleted	NWI		BSI		
CEN TC278	WG9			N198			DSRC concept	Withdrawn / deleted	ITR		CEN		
CEN TC278	WG9			N/A		278119	Dedicated Short Range Communication - Physical integration with the vehicle of On Board Units (OBU) for Electronic Fee Collection (EFC)	Withdrawn / deleted	Deleted by BT		CEN		
CEN TC278	WG9						DSRC Physical layer 1 (infrared) 850mm	Withdrawn / deleted	ITR		BSI	published 1997	
CEN TC278	WG9						Communication window in metallised windscreens	Withdrawn / deleted	CEN32				
CEN TC278	WG9						DSRC- terminology	Withdrawn / deleted	ITR		CEN		
CEN TC278	WG10		15007-2	ENV ISO 15007-2:2001		278102	Road vehicles - Measurement of driver visual behaviour with respect to transport information and control systems - Part 2: Equipment and procedures	Withdrawn / deleted	Deleted by BT		CEN		
CEN TC278	WG10			WI 00276063			Requirements for message presentation	Withdrawn / deleted	ITR				
CEN TC278	WG10			WI 00278061			Basic principles for choice of presentation mode	Withdrawn / deleted	deleted		CEN	Dormant, ISO TC22 SC13 WG8 has lead	
CEN TC278	WG10			WI 00278064			MMI Basic set of symbols	Withdrawn / deleted	deleted		CEN		
CEN TC278	WG10			WI 00278069			MMI evaluation method	Withdrawn / deleted	deleted				
CEN TC278	WG10		15006-2	WI 00278100			MMI auditory information presentation, Evaluation procedure	Withdrawn / deleted	Merged with EN ISO 15006:2003		AS		
CEN TC278	WG10		16951	N993		278127	Road vehicles - Ergonomic aspects of transport information and control systems - Procedure for determining priority of on board messages presented to drivers	Withdrawn / deleted	Deleted by BT		CEN	deleted	
CEN TC278	WG10						MMI - Warnings integration	Withdrawn / deleted	PWI		AS	Work Now Done by ISO TC22, SC13	

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CEN TC278	WG10		15008-2				MMI Visual information presentation, Part 2 Evaluation	Withdrawn / deleted	EN		BSI		
CEN TC278	WG12			ENV 12314-1:1996		278054	Automatic vehicle and equipment identification - Part 1: Reference architectures and terminology	Withdrawn / deleted	Withdrawn		CEN	merged with ISO 17264	
CEN TC278	WG12			ENV ISO 14815:2000		278056	Automatic vehicle and equipment identification - System specification	Withdrawn / deleted	Replaced by EN ISO 14815:2005		CEN		
CEN TC278	WG12			ENV ISO 14816:2000		278057	Automatic vehicle and equipment identification - Numbering and data structures	Withdrawn / deleted	Withdrawn, under review		CEN	replaced by EN ISO 14816:2005	
CEN TC278	WG12		NP 24534-5	prCEN ISO/TS 24534-5			AVI/AEI Electronic Registration Identification (ERI) for vehicles (secure ERD) part 5 - secure communications	Withdrawn / deleted	deleted		CEN		03/10/2006
CEN TC278	WG13		14812	WI 00278001			RTTT Glossary of standard terminologies for TICS	Withdrawn / deleted	withdrawn		CEN	withdrawn	
CEN TC278	WG14			WI 00278167			After Theft Systems part 6- Test procedures	Withdrawn / deleted	deleted		BSI		

ISO TC22	SC13, WG8			1545-3			Electronic tachograph	Withdrawn / deleted	PWI		DC		
ISO TC22	SC13, WG8			1545-4			Driving Licence	Withdrawn / deleted	PWI		DC		
ISO TC22	SC13, WG8			1545-6			Freight Identification	Withdrawn / deleted	PWI		DC		
ISO TC22	SC13, WG8			1545-7			Vehicle Registration	Withdrawn / deleted	PWI		DC		
ISO TC22	SC13, WG8	CEN TC278, WG10	ISO 15008:2003	EN ISO 15008:2003		278099	Road vehicles -- Ergonomic aspects of transport information and control systems -- Specifications and compliance procedures for in-vehicle visual presentation	Published	IS, to be revised	90.92	ISO	Replaced by ISO 15008:2009	14/05/2009

Deleted Items - Status Key

AWI = Approved Work Item
 CD = Committee Draft
 CEN nn or ISO nn = Stage within CEN or ISO progression
 DIS = Draft International Standard
 EN = European Standard
 FDIS = Final DIS
 IS = International Standard
 ITR = Internal Technical report
 NA = not applicable
 NP = New Project
 NWI = New Work Item
 PAS = Public Available Specification
 prCEN = Preliminary CEN stage
 prEN = Preliminary EN
 prENV = draft European pre-standard
 prePWI = Pre-Provisional Work Item
 PRF = Proof of a technical report or specification
 PWI = Provisional Work Item
 RTTT = Road Transport and Traffic Telematics
 TICS = Transport Information and Control Systems
 TR = Technical Report; TR2 = TR Type 2
 TS = Technical Specification
 WD = Working Draft

Deleted Items - Source Key

AS = Alan Stevens
 BSI = BSI Global committees website
 CEN = NEN website 3-Oct-06
 CR = Convenor's Report
 DC or blank = David Clowes
 ISO = ISO website 3-Oct-06
 PB = Paul Burton
 SG = Simon Gilling
 JF = Jonathan Francsics