

LIETUVOS STANDARTIZACIJOS DEPARTAMENTO

# BIULETENIS

2011

Nr. 7

# Turinys

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## REDAKcinĖ KOLEGIJA

Redagavo V. Tamoševičienė  
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2011-07-12

Lietuvos standartizacijos departamento  
**BIULETENIS**

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**2011**  
**Nr. 7**

**Lietuvos standartizacijos departamentas  
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# STANDARTIZACIJA

## IŠLEISTI LIETUVOS STANDARTAI

### TK 1 ELEKTRONIKA

#### LST EN 61169-39:2011 en

Aukštadažnės jungtys. 39 dalis. Atskirasis rūšinis CQM serijos spragtukinių aukštadažnių jungčių aprašas (IEC 61169-39:2009)

M (56 Lt)

### TK 4 INFORMACIJOS TECHNOLOGIJA

#### LST ISO/IEC 10646:2011 en

Informacinės technologijos. Universalusis koduotų ženklų rinkinys (tapatus ISO/IEC 10646:2011)

Pakeičia LST ISO/IEC 10646:2005,  
LST ISO/IEC 10646:2005/A1:2005,  
LST ISO/IEC 10646:2005/A2:2007,  
LST ISO/IEC 10646:2005/A3:2009,  
LST ISO/IEC 10646:2005/A4:2009,  
LST ISO/IEC 10646:2005/A5:2009,  
LST ISO/IEC 10646:2005/A6:2010,  
LST ISO/IEC 10646:2005/A7:2010

U (80 Lt)

### TK 5 ELEKTROTECHNIKA

#### LST EN 60061-2+A:2000/A41:2011 en, fr

Lempų cokoliai ir lizdai su kalbrais pakeičiamumui ir saugai tikrinti. 2 dalis. Lempų lizdai (IEC 60061-2:1969/A41:2010)

E (30 Lt)

### TK 18 TELEKOMUNIKACIJOS

#### LST EN 301 908-1 V5.2.1:2011 en

IMT koriniai tinklai. Darnusis Europos standartas, apimantis 1999/5/EC direktyvos 3.2 straipsnio esminius reikalavimus. 1 dalis. Įvadas ir bendrieji reikalavimai

M (56 Lt)

#### LST EN 301 908-13 V5.2.1:2011 en

IMT koriniai tinklai. Darnusis Europos standartas, apimantis 1999/5/EC direktyvos 3.2 straipsnio esminius reikalavimus. 13 dalis. Išplėto universalaus antžeminio magistralinio radijo ryšio (E-UTRA) prieigos vartotojo įranga (V)

R (69 Lt)

#### LST EN 301 908-14 V5.2.1:2011 en

IMT koriniai tinklai. Darnusis Europos standartas, apimantis 1999/5/EC direktyvos 3.2 straipsnio esminius reikalavimus. 14 dalis. Išplėto universalaus antžeminio magistralinio radijo ryšio (E-UTRA) prieigos bazinės stotys (BS)

U (80 Lt)

#### LST EN 302 729-2 V1.1.2:2011 en

Elektromagnetinio suderinamumo ir radijo dažnių spektro dalykai. Trumpojo nuotolio įtaisai. Lygio zondavimo radarų įranga, veikianti nuo 6 GHz iki 8,5 GHz, nuo 24,05 GHz iki 26,5 GHz, nuo 57 GHz iki 64 GHz ir nuo 75 GHz iki 85 GHz dažnių diapazonuose. 2 dalis. Darnusis Europos standartas, apimantis 1999/5/EC direktyvos 3.2 straipsnio esminius reikalavimus

F (34 Lt)

### TK 18 TELEKOMUNIKACIJOS<sup>1)</sup>

#### LST EN 300 392-12-21 V1.4.1:2011 en

Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 12: Supplementary services stage 3; Sub-part 21: Ambience Listening (AL)

Q (65 Lt)

#### LST EN 302 729-1 V1.1.2:2011 en

Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Level Probing Radar (LPR) equipment operating in the frequency ranges 6 GHz to 8,5 GHz, 24,05 GHz to 26,5 GHz, 57 GHz to 64 GHz, 75 GHz to 85 GHz; Part 1: Technical characteristics and test methods

U (80 Lt)

#### LST EN 302 769 V1.2.1:2011 en

Digital Video Broadcasting (DVB); Frame structure channel coding and modulation for a second generation digital transmission system for cable systems (DVB-C2)

XA (108 Lt)

#### LST EN 302 885-1 V1.1.1:2011 en

Electromagnetic compatibility and Radio spectrum Matters (ERM); Portable Very High Frequency (VHF) radiotelephone equipment for the maritime mobile service operating in the VHF bands with integrated handheld class D DSC; Part 1: Technical characteristics and methods of measurement

U (80 Lt)

### TK 21 TEKSTILĖ

#### LST EN 15977:2011 en

Guma arba plastiku dengtos medžiagos. Mechaninės savybės. Iššijos veikiant apkrovai ir liekamosios deformacijos nustatymas

D (28 Lt)

### TK 22 PRIEŠGAISRINĖ SAUGA

#### LST EN 54-1:2011 en

Gaisro aptikimo ir signalizavimo sistemos. 1 dalis. Įvadas Pakeičia LST EN 54-1:2000

J (45 Lt)

#### LST TS 1958:2011 lt

Degumo bandymai. Degumo charakteristikų nustatymo metodas

B (22 Lt)

#### LST TS 1960:2011 lt

Degumo bandymai. Liepsnos plitimo indekso nustatymo metodas ir įvertinimas

D (28 Lt)

### TK 23 KERAMIKA

#### LST EN 16140:2011 en

Gamtinio akmens bandymo metodai. Jautrumo išvaizdos pokyčiams, kuriuos sukelia šiluminiai ciklai, nustatymas

F (34 Lt)

<sup>1)</sup> Lietuvos standartizacijos departamento Technikos komisijos nutarimu (2004 m. rugsėjo 27 d. posėdžio protokolas Nr. TKP-14) Europos telekomunikacijų standartų instituto standartų (išskyrus darniuosius), perimamų kaip Lietuvos standartai, antraštės neverčiamos į lietuvių kalbą.

**TK 25 RIŠAMOSIOS MEDŽIAGOS  
IR SILIKATINIAI DIRBINIAI****LST EN 196-5:2011 en**

Cemento bandymų metodai. 5 dalis. Pucolaninio cemento pucolaniškumo nustatymas  
Pakeičia LST EN 196-5:2005

F (34 Lt)

**LST EN 1520:2011 en**

Surenkamieji armuotieji atvirastruktūrio lengvųjų užpildų betono komponentai su konstrukcine arba nekonstrukcine armatūra

Nuo 2012-12-31 pakeičia LST EN 1520+AC:2003

XA (108 Lt)

**TK 26 TERMOIZOLIACINĖS MEDŽIAGOS****LST EN ISO 12567-1:2010/AC:2011 en**

Šiluminės langų ir durų charakteristikos. Šilumos perdavimo koeficiento nustatymas karštosios dėžės metodu. 1 dalis. Surinkti langai ir durys. 1 techninė pataisa (ISO 12567-1:2010/Cor.1:2010)

**TK 28 DUJŲ SISTEMOS****LST EN 161:2011 en**

Automatinės dujinių degiklių ir dujinių prietaisų uždarymo sklendės

Nuo 2014-03-30 pakeičia LST EN 161:2007

Q (65 Lt)

**LST EN 624:2011 en**

Techniniai suskystintų naftos dujų prietaisų reikalavimai. Transporto priemonėse ir laivuose įrengiama uždarnosios apytakos patalpų šildymo įranga, naudojanti suskystintas naftos dujas

Pakeičia LST EN 624:2002, LST EN 624:2002/A2:2007

U (80 Lt)

**TK 32 SVEIKATA****LST EN 1041:2008 lt**

Gamintojo su medicinos priemonėmis pateikiama informacija

L (53 Lt)

**TK 35 DARBŲ SAUGA****LST EN 953:2000+A1:2009 lt**

Mašinų sauga. Apsaugai. Tvirtinamųjų ir judamųjų apsaugų projektavimo ir konstravimo bendrieji reikalavimai

P (63 Lt)

**LST EN 953:2000+A1:2009/P:2011 en**

Mašinų sauga. Apsaugai. Tvirtinamųjų ir judamųjų apsaugų projektavimo ir konstravimo bendrieji reikalavimai

**TK 38 STATYBINĖS KONSTRUKCIJOS****LST EN 1991-1-6:2005/NA:2011 lt**

Eurokodas 1. Poveikiai konstrukcijoms. 1-6 dalis. Bendrieji poveikiai. Poveikiai vykdymo metu

C (24 Lt)

**LST EN 1991-3:2006/NA:2011 lt**

Eurokodas 1. Poveikiai konstrukcijoms. 3 dalis. Kranų ir mašinų sukelti poveikiai

A (17 Lt)

**LST EN 1991-4:2006/NA:2011 lt**

Eurokodas 1. Poveikiai konstrukcijoms. 4 dalis. Silosai ir rezervuarai

C (24 Lt)

**TK 43 GELEŽINKELIŲ TRANSPORTAS****LST EN 12080:2007+A1:2011 lt**

Geležinkelio taikmenys. Ašidėžės. Riedėjimo guoliai

P (63 Lt)

**LST EN 12081:2007+A1:2011 lt**

Geležinkelio taikmenys. Ašidėžės. Plastiškieji tepalai

H (42 Lt)

**LST EN 12082:2007+A1:2011 lt**

Geležinkelio taikmenys. Ašidėžės. Eksploatacinių charakteristikų bandymai

N (58 Lt)

**LST EN 50122-1:2011 en**

Geležinkelio taikmenys. Stacionarieji įrenginiai. Apsauga nuo elektros, įžeminimas ir grįžtamoji grandinė. 1 dalis. Apsaugos nuo elektros smūgio priemonės

Nuo 2013-11-16 pakeičia LST EN 50122-1:2001,

LST EN 50122-1:2001/P:2005,

LST EN 50122-1:2001/AC:2007

X (102 Lt)

**LST EN 50122-2:2011 en**

Geležinkelio taikmenys. Stacionarieji įrenginiai. Apsauga nuo elektros, įžeminimas ir grįžtamoji grandinė. 2 dalis. Apsaugos nuo klaidžiojančiųjų srovių, kurias sukelia nuolatinės srovės traukos sistemos, poveikio priemonės

Nuo 2013-10-01 pakeičia LST EN 50122-2:2001,

LST EN 50122-2:2001/A1:2002,

LST EN 50122-2:2001/AC:2005

N (58 Lt)

**LST EN 50122-3:2011 en**

Geležinkelio taikmenys. Stacionarieji įrenginiai. Apsauga nuo elektros, įžeminimas ir grįžtamoji grandinė. 3 dalis.

Kintamosios ir nuolatinės srovės traukos sistemų sąveika

N (58 Lt)

**LST EN 50159:2011 en**

Geležinkelio taikmenys. Ryšių, signalizavimo ir duomenų apdorojimo sistemos. Su sauga susiję ryšiai, naudojami perdavimo sistemose

Nuo 2013-09-01 pakeičia LST EN 50159-1:2002,

LST EN 50159-1:2002/P:2003,

LST EN 50159-1:2002/AC:2010,

LST EN 50159-2:2002, LST EN 50159-2:2002/P:2003,

LST EN 50159-2:2002/AC:2010

V (88 Lt)

**LST EN 60349-1:2011 en**

Elektrinė trauka. Geležinkelių ir kelių transporto priemonių sukiosios elektros mašinos. 1 dalis. Mašinos, kitokios nei elektroninių keitiklių maitinami kintamosios srovės varikliai (IEC 60349-1:2010)

Nuo 2013-11-01 pakeičia LST EN 60349-1:2002,

LST EN 60349-1:2002/A1:2003

V (88 Lt)

**LST EN 60349-2:2011 en**

Elektrinė trauka. Geležinkelių ir kelių transporto priemonių sukiosios elektros mašinos. 2 dalis. Kintamosios srovės varikliai, kuriuos maitina elektroniniai keitikliai (IEC 60349-2:2010)

Nuo 2013-12-01 pakeičia LST EN 60349-2:2002,

LST EN 60349-2:2002/P:2003

R (69 Lt)

**LST EN 61881-1:2011 en**

Geležinkelio taikmenys. Riedmenų įranga. Galios elektronikos kondensatoriai. 1 dalis. Popieriniai ir plastikiniai plėveliniai kondensatoriai (IEC 61881-1:2010)

Nuo 2014-01-02 pakeičia LST EN 61881:2001

S (72 Lt)

**TK 49 LIEJININKYSTĖ****LST EN ISO 8251:2011 en**

Aliuminio ir jo lydinių anodavimas. Anodinių oksidinių dangų atsparumo dilinimui matavimas (ISO 8251:2011)

Pakeičia LST EN 12373-9:2000,  
LST EN 12373-10:2000

P (63 Lt)

**TK 50 ŠILDYMO IR VĖDINIMO SISTEMOS****LST EN 488:2011 en**

Centralizuoto šilumos tiekimo vamzdžiai. Bekanalų karšto vandens tinklų iš anksto neardomai izoliuotų vamzdžių sistemos. Plieninių vamzdyno įvadų plieninių sklendžių sąrankos su poliuretanine šilumine izoliacija ir išoriniu polietilenu apvalkalu

Pakeičia LST EN 488:2004

P (63 Lt)

**TK 52 OFTALMOLOGINĖ OPTIKA IR LAZERIAI****LST EN 16128:2011 en**

Pamatinis tyrimo metodas išskirti nikelį iš akinių rėmelių ir saulės akinių dalių, tiesiogiai ir ilgą laiką liečiančių odą

Pakeičia LST EN 1811:2002+A1:2008

J (45 Lt)

**TK 54 PAGALBOS PRIEMONĖS  
ASMENIMS SU NEGALIA****LST EN ISO 25539-1:2009-11/AC:2011 en**

Širdies ir kraujagyslių sistemos implantai. Vidiniai kraujagyslių įtaisai. 1 dalis. Vidiniai kraujagyslių protezai (ISO 25539-1:2003, įskaitant keitinį Amd.1:2005)

Pastaba. LST EN ISO 25539-1:2009-11 pakeičia  
LST EN ISO 25539-1:2009 ir  
LST EN 12006-3:2000+A1:2009

**LST EN ISO 25539-2:2009-11/AC:2011 en**

Širdies ir kraujagyslių sistemos implantai. Vidiniai kraujagyslių įtaisai. 2 dalis. Kraujagyslių stentai (ISO 25539-2:2008)

Pastaba. LST EN ISO 25539-2:2009-11 pakeičia  
LST EN ISO 25539-2:2009 ir  
LST EN 12006-3:2000+A1:2009

**TK 56 NAFTOS PRAMONĖS ĮRENGINIAI****LST EN 593:2009+A1:2011 en**

Pramoninės sklendės. Metalinės droselinės sklendės

Pakeičia LST EN 593:2009

L (53 Lt)

**TK 61 PLASTIKINIAI VAMZDYNIAI****LST EN ISO 9969:2008 It**

Termoplastikiniai vamzdžiai. Žiedinio standumo nustatymas (ISO 9969:2007)

F (34 Lt)

**TK 63 DUJŲ BALIONAI IR KRIOGENINIAI INDAI****LST EN ISO 11363-1:2010/AC:2011 en**

Dujų balionai. Kūginiai 17E ir 25E sriegiai čiaupams prie dujų balionų prijungti. 1 dalis. Techniniai reikalavimai. 1 techninė pataisa (ISO 11363-1:2010/Cor.1:2011)

**TK 64 ERGONOMIKA****LST EN 1005-1:2004+A1:2009 It**

Mašinų sauga. Žmogaus fizinis darbingumas. 1 dalis. Terminai ir apibrėžtys

G (37 Lt)

**LST EN 1005-2:2003+A1:2009 It**

Mašinų sauga. Žmogaus fizinis darbingumas. 2 dalis. Mašinų ir jų sudedamųjų dalių manipuliavimas rankomis

N (58 Lt)

**LST EN 1005-2:2003+A1:2009/P:2011 en**

Mašinų sauga. Žmogaus fizinis darbingumas. 2 dalis. Mašinų ir jų sudedamųjų dalių manipuliavimas rankomis

**LST EN 1005-3:2002+A1:2009 It**

Mašinų sauga. Žmogaus fizinis darbingumas. 3 dalis. Rekomenduojamos ribinės jėgų vertės naudojant mašinas

M (56 Lt)

**LST EN 1005-3:2002+A1:2009/P:2011 en**

Mašinų sauga. Žmogaus fizinis darbingumas. 3 dalis. Rekomenduojamos ribinės jėgų vertės naudojant mašinas

**LST EN 1005-4:2005+A1:2009 It**

Mašinų sauga. Žmogaus fizinis darbingumas. 4 dalis. Darbinių pozų ir judesių, dirbant su mašinomis, įvertinimas

K (49 Lt)

**LST EN 1005-4:2005+A1:2009/P:2011 en**

Mašinų sauga. Žmogaus fizinis darbingumas. 4 dalis. Darbinių pozų ir judesių, dirbant su mašinomis, įvertinimas

**TK 78 MAŠINOS IR ĮRENGINIAI****LST EN 972:1998+A1:2011/AC:2011 en**

Odų išdirbimo mašinos. Grįžtamojo slenkamojo judesio valcai. Saugos reikalavimai

**TK 80 KELIŲ TRANSPORTAS IR TELEMATIKA****LST CEN/TS 15213-6:2011 en**

Informacijos apie kelių transportą ir eismą apdorojimo bei perdavimo priemonės. Pavogtų transporto priemonių paieškos sistemos. 6 dalis. Bandyimo procedūros

U (80 Lt)

**LST CEN/TS 15531-4:2011 en**

Viešasis transportas. Viešojo transporto eksploatavimo tikra laikės informacijos paslaugų sietuvas. 4 dalis. Funkciniai paslaugų sietuvai: įrenginių stebėjimas

T (77 Lt)

**LIETUVOS STANDARTIZACIJOS DEPARTAMENTAS****LST EN 548:2011 en**

Tampriosios grindų dangos. Techniniai vienspalvio ir raštuotojo linoleumo reikalavimai

Pakeičia LST EN 548:2004,  
LST EN 548:2004/AC:2008

E (30 Lt)

**LST EN 649:2011 en**

Tampriosios grindų dangos. Vienalytės ir nevienalytės polivinilchloridinės grindų dangos. Techniniai reikalavimai

Pakeičia LST EN 649:2002,  
LST EN 649:2002/A1:2004

F (34 Lt)

**LST EN 651:2011 en**

Tampriosios grindų dangos. Polivinilchloridinės grindų dangos su putplasčio sluoksniu. Techniniai reikalavimai Pakeičia LST EN 651:2002, LST EN 651:2002/A1:2004

G (37 Lt)

**LST EN 652:2011 en**

Tampriosios grindų dangos. Polivinilchloridinės grindų dangos su kamštienos pagrindu. Techniniai reikalavimai Pakeičia LST EN 652:2002

G (37 Lt)

**LST EN 1811:2011 en**

Pamatinis tyrimo metodas išskirti nikelį iš strypelių sąrankų, įdedamų į perveriamas žmogaus kūno dalis, ir iš gaminių, tiesiogiai ir ilgą laiką liečiančių odą Pakeičia LST EN 1811:2002+A1:2008

N (58 Lt)

**LIETUVOS STANDARTIZACIJOS DEPARTAMENTAS<sup>2)</sup>****LST EN 2240-051:2011 en**

*Aerospace series - Lamps, incandescent - Part 051: Lamp, code 1163 - Product standard*

C (24 Lt)

**LST EN 2240-052:2011 en**

*Aerospace series - Lamps, incandescent - Part 052: Lamp, code 1222 - Product standard*

C (24 Lt)

**LST EN 2240-053:2011 en**

*Aerospace series - Lamps, incandescent - Part 053: Lamp, code 1308 - Product standard*

C (24 Lt)

**LST EN 2240-054:2011 en**

*Aerospace series - Lamps, incandescent - Part 054: Lamp, code 1317 - Product standard*

C (24 Lt)

**LST EN 2240-055:2011 en**

*Aerospace series - Lamps, incandescent - Part 055: Lamp, code 1495 - Product standard*

C (24 Lt)

**LST EN 2240-056:2011 en**

*Aerospace series - Lamps, incandescent - Part 056: Lamp, code 1506 - Product standard*

C (24 Lt)

**LST EN 2240-057:2011 en**

*Aerospace series - Lamps, incandescent - Part 057: Lamp, code 1512 - Product standard*

C (24 Lt)

**LST EN 2240-058:2011 en**

*Aerospace series - Lamps, incandescent - Part 058: Lamp, code 1524 - Product standard*

C (24 Lt)

**LST EN 2240-059:2011 en**

*Aerospace series - Lamps, incandescent - Part 059: Lamp, code 1591 - Product standard*

C (24 Lt)

**LST EN 2240-060:2011 en**

*Aerospace series - Lamps, incandescent - Part 060: Lamp, code 1619 - Product standard*

C (24 Lt)

**LST EN 2757:2011 en**

*Aerospace series - Structural adhesives system - Test method - Determination of the drying and ignition residues of primers*

C (24 Lt)

**LST EN 2825:2011 en**

*Aerospace series - Burning behaviour of non metallic materials under the influence of radiating heat and flames - Determination of smoke density*

E (30 Lt)

**LST EN 2826:2011 en**

*Aerospace series - Burning behaviour of non metallic materials under the influence of radiating heat and flames - Determination of gas components in the smoke*

E (30 Lt)

**LST EN 2997-001:2011 en**

*Aerospace series - Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures - 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak - Part 001: Technical specification* Pakeičia LST EN 2997-001:2007

W (94 Lt)

**LST EN 2997-015:2011 en**

*Aerospace series - Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures - 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak - Part 015: Jam-nut mounted receptacle with integrated accessory - Product standard*

E (30 Lt)

**LST EN 3280:2011 en**

*Aerospace series - Bearings, airframe rolling, rigid or self-aligning - Technical specification* Pakeičia LST EN 3280:2001

Q (65 Lt)

**LST EN 3475-603:2011 en**

*Aerospace series - Cables, electrical, aircraft use - Test methods - Part 603: Resistance to wet arc tracking* Pakeičia LST EN 3475-603:2007

F (34 Lt)

**LST EN 4160:2011 en**

*Aerospace series - Paints and varnishes - Determination of the effect of thermal exposure*

C (24 Lt)

**LST EN 4165-024:2011 en**

*Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 024: Single module plug - Product standard*

G (37 Lt)

**LST EN 4165-026:2011 en**

*Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 026: Accessories for single modules - Product standard*

H (42 Lt)

**LST EN 4476:2011 en**

*Aerospace series - Paints and varnishes - Cold curing intermediate coat*

H (42 Lt)

**LST EN 4604-009:2011 en**

*Aerospace series - Cable, electrical, for signal transmission - Part 009: Cable, coaxial, light weight, 50 ohms, 180 °C, type KW (light WN) - Product standard* Pakeičia LST EN 4604-009:2009

F (34 Lt)

<sup>2)</sup> Lietuvos standartizacijos departamento Technikos komisijos nutarimu (2006 m. vasario 24 d. posėdžio protokolas Nr. TKP-6) Europos standartizacijos komiteto technikos komiteto AECMA standartų (išskyrus darniuosius), perimamų kaip Lietuvos standartai, antraštės neverčiamos į lietuvių kalbą.



**LST EN 4604-010:2011 en**

*Aerospace series - Cable, electrical, for signal transmission - Part 010: Cable, coaxial, light weight, 50 Ohms, 200 °C, type KX (light WD) - Product standard*  
Pakeičia LST EN 4604-010:2009

F (34 Lt)

**LST EN 4641-301:2011 en**

*Aerospace series - Cables, optical 125 µm diameter cladding - Part 301: Tight structure 50/125 µm GI fibre nominal 1,8 mm outside diameter - Product standard*

G (37 Lt)

**LST EN 4660-001:2011 en**

*Aerospace series - Modular and Open Avionics Architectures - Part 001: Architecture*

L (53 Lt)

**LST EN 4660-002:2011 en**

*Aerospace series - Modular and Open Avionics Architectures - Part 002: Common Functional Modules*

R (69 Lt)

**LST EN 4660-003:2011 en**

*Aerospace series - Modular and Open Avionics Architectures - Part 003: Communications/Network*

K (49 Lt)

**LST EN 4660-004:2011 en**

*Aerospace series - Modular and Open Avionics Architectures - Part 004: Packaging*

S (72 Lt)

**LST EN 4660-005:2011 en**

*Aerospace series - Modular and Open Avionics Architectures - Part 005: Software*

XL (208 Lt)

Parengė **Dalia Reginienė**

# NETEKĘ GALIOS LIETUVOS STANDARTAI

Netekęs galios Lietuvos standartas

Vietoj jo galioja

## TK 1 ELEKTRONIKA

LST EN 60730-1+A11:2002/A15:2007 <i>Buitinių ir panašios paskirties prietaisų automatiniai elektriniai valdymo įtaisai. 1 dalis. Bendrieji reikalavimai</i>	LST EN 60730-1+A11:2002/A2:2009
LST EN 61280-2-2:2005 <i>Šviesolaidinio ryšio posistemų bandymo procedūros. 2-2 dalis. Skaitmeninės sistemos. Optinės akies diagramos, signalo pavidalo parametrai ir ekstinkcijos santykio matavimas (IEC 61280-2-2:2005)</i>	LST EN 61280-2-2:2008
LST EN 61290-11-1:2003 <i>Optinių stiprintuvų bandymo metodai. 11-1 dalis. Poliarizacinė dispersija. Jones'o matricos savitosios analizės (JME) metodas (IEC 61290-11-1:2003)</i>	LST EN 61290-11-1:2008
LST EN 61996:2002 <i>Jūrų navigacinė ir radijo ryšio įranga bei sistemos. Laivų kelionės duomenų rašytuvas (VDR). Veikimo ir eksploatacinių charakteristikų reikalavimai, bandymo metodai ir reikalaujami bandymo rezultatai (IEC 61996:2000)</i>	LST EN 61996-1:2008
LST EN 61996-2:2006 <i>Jūrų navigacinė ir radijo ryšio įranga bei sistemos. Laivo kelionės duomenų rašytuvas (VDR). 2 dalis. Supaprastintas kelionės duomenų rašytuvas (S-VDR). Eksploataciniai reikalavimai, bandymų metodai ir būtinieji bandymo rezultatai (IEC 61996-2:2006)</i>	LST EN 61996-2:2008
LST EN 62002-1:2007 <i>DVB-T/H radijo ryšio prieiga prie mobiliųjų ir nešiojamųjų įtaisų. 1 dalis. Sietuvo aprašas (IEC 62002-1:2005)</i>	LST EN 62002-1:2008
LST EN 62002-2:2007 <i>DVB-T/H radijo ryšio prieiga prie mobiliųjų ir nešiojamųjų įtaisų. 2 dalis. Sietuvo atitikties tikrinimas (IEC 62002-2:2005)</i>	LST EN 62002-2:2008
LST HD 590 S1:2002 <i>Mechaninis sąsajos įtaisas, naudojamas klausos aparatų vibratorių, garsą perduodančių per kaulus, charakteristikoms matuoti (IEC 60373:1990)</i>	LST EN 60318-6:2008
LST P 1359:1995 <i>Integriniai grandynai. Terminai ir apibrėžimai</i>	–

## TK 4 INFORMACIJOS TECHNOLOGIJA

LST ISO/IEC 10646:2005 <i>Informacijos technologija. Universalus keliais baitais koduotų ženklų rinkinys (tpt ISO/IEC 10646:2003)</i>	LST ISO/IEC 10646:2011
LST ISO/IEC 10646:2005/A1:2005 <i>Informacijos technologija. Universalus keliais baitais koduotų ženklų rinkinys. 1 keitinys. Glagolicos, koptų, gruziniški ir kitokie rašmenys (tpt ISO/IEC 10646:2003/Amd. 1:2005)</i>	LST ISO/IEC 10646:2011
LST ISO/IEC 10646:2005/A2:2007 <i>Informacijos technologija. Universalus keliais baitais koduotų ženklų rinkinys. 2 keitinys. N'Ko, Phags-pa, Phoeniko ir kitokie ženklai (tapatus ISO/IEC 10646:2003/Amd.2:2006)</i>	LST ISO/IEC 10646:2011
LST ISO/IEC 10646:2005/A3:2009 <i>Informacijos technologija. Universalus keliais baitais koduotų ženklų rinkinys. 3 keitinys. Lepcha, Oi Chiki, Saurashtra, Vai ir kitokie ženklai (tapatus ISO/IEC 10646:2003/Amd.3:2008)</i>	LST ISO/IEC 10646:2011
LST ISO/IEC 10646:2005/A4:2009 <i>Informacijos technologija. Universalus keliais baitais koduotų ženklų rinkinys. 4 keitinys. Cham, Game Tiles ir kitokie ženklai (tapatus ISO/IEC 10646:2003/Amd.4:2008)</i>	LST ISO/IEC 10646:2011
LST ISO/IEC 10646:2005/A5:2009 <i>Informacijos technologija. Universalus keliais baitais koduotų ženklų rinkinys. 5 keitinys. Tai Tham, Tai Viet, Avestan, Egipto hieroglifai, CJK unifikuotas ideografinis plėtinys C ir kitokie ženklai (tapatus ISO/IEC 10646:2003/Amd.5:2008)</i>	LST ISO/IEC 10646:2011
LST ISO/IEC 10646:2005/A6:2010 <i>Informacijos technologija. Universalus keliais baitais koduotų ženklų rinkinys. 6 keitinys. Bamum, javos, lisu, meetei mayek, samaritan ir kitokie ženklai (tapatus ISO/IEC 10646:2003/Amd.6:2009)</i>	LST ISO/IEC 10646:2011
LST ISO/IEC 10646:2005/A7:2010 <i>Informacijos technologija. Universalus keliais baitais koduotų ženklų rinkinys. 7 keitinys. Mandaic, batak, brahmi ir kitokie ženklai (tapatus ISO/IEC 10646:2003/Amd.7:2010)</i>	LST ISO/IEC 10646:2011

## TK 5 ELEKTROTECHNIKA

LST EN 50106+A1:1999, LST EN 50106+A1:1999/A2:2002 <i>Buitinių ir panašios paskirties elektrinių prietaisų sauga. Standartų EN 60335-1 ir EN 60967 taikymo srities prietaisų priimamųjų bandymų taisyklės</i>	LST EN 50106:2009
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Netekęs galios Lietuvos standartas

Vietoj jo galioja

LST EN 60034-3:2005 <i>Sukiosios elektros mašinos. 3 dalis. Specialieji reikalavimai, keliami neryškiapolėms sinchroninėms mašinoms (IEC 60034-3:2005)</i>	<b>LST EN 60034-3:2008</b>
LST EN 60317-0-3+A1:2001, LST EN 60317-0-3+A1:2001/A2:2005 <i>Kai kurių tipų apvijinių laidų techniniai reikalavimai. 0 dalis. Bendrieji reikalavimai. 3 skyrius. Emaliuotas apvalus aliumininis laidas (IEC 60317-0-3:1997+A1:1999)</i>	<b>LST EN 60317-0-3:2008</b>
LST EN 61326+A1+AC:2000, LST EN 61326+A1+AC:2000/A2:2002, LST EN 61326+A1+AC:2000/A3:2004 <i>Elektrinė matavimo, valdymo ir laboratorijų įranga. EMS reikalavimai (IEC 61326:1997)</i>	<b>LST EN 61326-1:2006</b> <b>LST EN 61326-2-1:2006</b> <b>LST EN 61326-2-2:2006</b> <b>LST EN 61326-2-3:2006</b> <b>LST EN 61326-2-4:2007</b> <b>LST EN 61326-2-5:2007</b> <b>LST EN 61326-2-6:2006</b> <b>LST EN 61326-3-1:2008</b> <b>LST EN 61326-3-2:2008</b>
LST EN 61386-1+AC:2004 <i>Vamzdžių sistemos elektrai įrengti. 1 dalis. Bendrieji reikalavimai (IEC 61386-1:1996 + A1:2000)</i>	<b>LST EN 61386-1:2008</b>
LST EN 61986:2003 <i>Sukiosios elektros mašinos. Lygiavertės apkrovos ir superpozicijos metodai. Netiesioginis bandymas virštemperatūriui nustatyti (IEC 61986:2002)</i>	<b>LST EN 60034-29:2008</b>

**TK 8 ELEKTROMAGNETINIS SUDERINAMUMAS**

LST EN 55025:2003 <i>Radijo trikdžių charakteristikos, taikomos transporto priemonėse, laivuose ir mašinose naudojamų radijo imtuvų apsaugai. Leidžiamieji lygiai ir matavimo metodai (CISPR 25:2002)</i>	<b>LST EN 55025:2008</b>
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**TK 22 PRIEŠGAISRINĖ SAUGA**

LST EN 54-1:2000 <i>Gaisro aptikimo ir gaisrinės signalizacijos sistemos. 1 dalis. Įvadas</i>	<b>LST EN 54-1:2011</b>
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**TK 25 RIŠAMOSIOS MEDŽIAGOS IR SILIKATINIAI DIRBINIAI**

LST EN 196-5:2005 <i>Cemento bandymų metodai. 5 dalis. Pucolaninio cemento pucolaniškumo nustatymas</i>	<b>LST EN 196-5:2011</b>
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**TK 28 DUJŲ SISTEMOS**

LST EN 624:2002, LST EN 624:2002/A2:2007 <i>Techniniai suskystintų naftos dujų prietaisų reikalavimai. Transporto priemonėse ir laivuose įrengiama uždarnosios apytakos patalpų šildymo įranga, naudojanti suskystintas naftos dujas</i>	<b>LST EN 624:2011</b>
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**TK 32 SVEIKATA**

LST EN 60601-2-31+A1:2000 <i>Elektrinė medicinos įranga. 2-31 dalis. Specialieji saugos reikalavimai išoriniams širdies stimulatoriams su vidiniu srovės šaltiniu (IEC 60601-2-31:1994+A1:1998)</i>	<b>LST EN 60601-2-31:2008</b>
LST EN 61223-3-2:2001 <i>Įvertinimo ir įprastiniai bandymai medicininiuose vizualizavimo skyriuose. 3-2 dalis. Priimamieji bandymai. Mamografijos rentgeno įrangos vizualizavimo charakteristikos (IEC 61223-3-2:1996)</i>	<b>LST EN 61223-3-2:2008</b>

**TK 35 DARBŲ SAUGA**

LST EN 131-2+AC:2003 <i>Kopėčios. Reikalavimai, bandymas, ženklimas</i>	<b>LST EN 131-2:2010</b>
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**TK 45 ELEKTROS ENERGETIKA**

LST EN 60289:2001, LST EN 60289:2001/A11:2002 <i>Reaktoriai (IEC 60289:1988, modifikuotas)</i>	<b>LST EN 60076-6:2008</b>
LST EN 61241-14:2004 <i>Elektriniai aparatai, naudojami esant degių dulkių. 14 dalis. Parinkimas ir įrengimas (IEC 61241-14:2004)</i>	–

**TK 49 LIEJININKYSTĖ**

LST EN 12373-9:2000 *Aliuminis ir aliuminio lydiniai. Anodavimas. 9 dalis. Anodinių oksidinių dangų atsparumo dilimui ir dilimo rodiklio matavimas dilinant abrazyviniu disku*  
 LST EN 12373-10:2000 *Aliuminis ir aliuminio lydiniai. Anodavimas. 10 dalis. Anodinių oksidinių dangų vidutinio savitojo atsparumo dilimui matavimas, naudojant abrazyvo purškimo prietaisą*

LST EN ISO 8251:2011

LST EN ISO 8251:2011

**TK 50 ŠILDYMO IR VĒDINIMO SISTEMOS**

LST EN 488:2004 *Centralizuoto šilumos tiekimo vamzdžiai. Bekanalų karšto vandens tinklų iš anksto neardomai izoliuotų vamzdžių sistemos. Plieninių vamzdžių plieniniai uždarymo ir reguliavimo įtaisai, poliuretalinė šilumos izoliacija ir išorinis polietilėninis apvalkalas*

LST EN 488:2011

**TK 56 NAFTOS PRAMONĖS ĮRENGINIAI**

LST EN 593:2009 *Pramoninės sklendės. Metalinės droselinės sklendės*

LST EN 593:2009+A1:2011

**LIETUVOS STANDARTIZACIJOS DEPARTAMENTAS**

LST EN 3280:2001 *Orlaiviai ir erdvėlaiviai. Aviacinių konstrukcijų standūs arba susilygiuojantieji riedėjimo guoliai. Techniniai reikalavimai*

LST EN 3280:2011

LST EN 548:2004, LST EN 548:2004/AC:2008 *Tampriosios grindų dangos. Techniniai vienspalvio ir raštuotojo linoleumo reikalavimai*

LST EN 548:2011

LST EN 61646:2001 *Plonasluksniai antžeminiai fotoelektrovaros moduliai. Konstrukcijos įvertinimas ir tipo patvirtinimas (IEC 61646:1996)*

LST EN 61646:2008

LST EN 649:2002, LST EN 649:2002/A1:2004 *Tampriosios grindų dangos. Vientisos ir įvairialytės polivinilchlorido grindų dangos. Techniniai reikalavimai*

LST EN 649:2011

LST EN 651:2002, LST EN 651:2002/A1:2004 *Tampriosios grindų dangos. Polivinilchlorido grindų dangos su putplasčio sluoksniu. Techniniai reikalavimai*  
 LST EN 652:2002 *Tampriosios grindų dangos. Polivinilchlorido grindų dangos su kamštienos pagrindu. Techniniai reikalavimai*

LST EN 651:2011

LST EN 652:2011

LST EN 81-1+AC:2000 en, LST EN 81-1+AC:2002 lt,  
 LST EN 81-1+AC:2002/A1:2006 en, LST EN 81-1+AC:2002/A2:2004 en,  
 LST EN 81-1+AC:2002/A2:2004/P:2006 en, LST EN 81-1+AC:2002/A2:2006 lt  
*Liftų projektavimo ir įrengimo saugos taisyklės. 1 dalis. Elektriniai liftai*

LST EN 81-1:2000+A3:2010

LST EN 81-2+AC:2000 en, LST EN 81-2+AC:2002 lt,  
 LST EN 81-2+AC:2002/A1:2006 en, LST EN 81-2+AC:2002/A2:2004 en,  
 LST EN 81-2+AC:2002/A2:2004/P:2006 en, LST EN 81-2+AC:2002/A2:2006 lt  
*Liftų projektavimo ir įrengimo saugos taisyklės. 2 dalis. Hidrauliniai liftai*

LST EN 81-2:2000+A3:2010

SD 8.4:1993 *Automatizuotos energijos apskaitos ir kontrolės sistemos. Patikros metodika*

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**LIETUVOS STANDARTIZACIJOS DEPARTAMENTAS<sup>1)</sup>**

LST EN 2997-001:2007 *Aerospace series - Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures - 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak - Part 001: Technical specification*

LST EN 2997-001:2011

LST EN 3475-603:2007 *Aerospace series - Cables, electrical, aircraft use - Test methods - Part 603: Resistance to wet arc tracking*

LST EN 3475-603:2011

LST EN 4604-009:2009 *Aerospace series - Cable, electrical, for signal transmission - Part 009: Cable, coaxial, light weight, 50 ohms, 180 °C, type KW (light WN) - Product standard*

LST EN 4604-009:2011

LST EN 4604-010:2009 *Aerospace series - Cable, electrical, for signal transmission - Part 010: Cable, coaxial, light weight, 50 ohms, 200 °C, type KX (light WN) - Product standard*

LST EN 4604-010:2011

Parengė **Dalia Reginienė**

<sup>1)</sup> Lietuvos standartizacijos departamento Technikos komisijos nutarimu (2006 m. vasario 24 d. posėdžio protokolas Nr. TKP-6) Europos standartizacijos komiteto technikos komiteto AECMA standartų (išskyrus darniuosius), perimamų kaip Lietuvos standartai, antraštės neverčiamos į lietuvių kalbą.

## **NETEKSIANTYS GALIOS LIETUVOS STANDARTAI**

Lietuvos standartizacijos departamento Technikos komisijos nutarimu (2011 m. birželio 17 d. posėdžio protokolas Nr. TKP-17) nuo 2011 m. rugpjūčio 16 d. skelbiamas neteksančiu galios šis Lietuvos standartas.

Neteksiantis galios Lietuvos standartas

Vietoj jo taikyti

LST ISO/IEC 15292:2007 *Informacijos technologija. Saugumo metodai. Registracijos procedūrų apsaugos profilis (tapatus ISO/IEC 15292:2001)*

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Parengė **Valteris Mūžas**

\* \* \*

Lietuvos standartizacijos departamento Technikos komisijos nutarimu (2011 m. birželio 17 d. posėdžio protokolas Nr. TKP-17) nuo 2011 m. rugsėjo 1 d. skelbiamas neteksančiu galios šis Lietuvos standartas.

Neteksiantis galios Lietuvos standartas

Vietoj jo taikyti

LST ISO 7172:1996 *Baldai. Stalai. Pastovumo reikalavimai*

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Parengė **Arvydas Samalavičius**

\* \* \*

Lietuvos standartizacijos departamento Technikos komisijos nutarimu (2011 m. birželio 17 d. posėdžio protokolas Nr. TKP-17) nuo 2011 m. rugsėjo 1 d. skelbiamas neteksančiu galios šis Lietuvos standartas.

Neteksiantis galios Lietuvos standartas

Vietoj jo taikyti

LST ISO 15668:2002 *Bankininkystė. Saugus bylų siuntimas (mažmena) (tapatus ISO 15668:1999)*

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Parengė **Vidmantas Domkus**

## **ATNAUJINTA LIETUVOS STANDARTŲ PROGRAMA (PARENGTA 2011 M. LIEPA)**

Programą sudaro šios dalys:

- 1 dalis. Originaliųjų Lietuvos standartų projektai.
- 2 dalis. Lietuvos standartų lietuviškųjų versijų projektai, kuriuos numatoma parengti išvertus į lietuvių kalbą tarptautinius ir Europos standartus bei kitus tarptautinių ir Europos standartizacijos institucijų leidinius.
- 3 dalis. Nuo 2011 m. sausio 14 d. iki 2011 m. liepos 5 d. išleisti Lietuvos standartai.

Susipažinti su programa galima Lietuvos standartizacijos departamento bibliotekoje (T. Kosciuškos g. 30, LT-01100 Vilnius, 315 kab.). Telefonas pasiteirauti (8~5) 270 93 66.

Parengė **Veronika Bieliūnienė**

## TARPTAUTINIŲ IR EUROPOS ĮSTAIGŲ BEI ORGANIZACIJŲ STANDARTAI, KURIUOS DEPARTAMENTAS GAVO BIRŽELIO MĖN.



### TARPTAUTINĖS STANDARTIZACIJOS ORGANIZACIJOS STANDARTAI

**ISO/IEC JTC 1/SC 23 ISO/IEC 10995:2011**

Information technology - Digitally recorded media for information interchange and storage - Test method for the estimation of the archival lifetime of optical media

**ISO/IEC JTC 1/SC 27 ISO/IEC 24745:2011**

Information technology - Security techniques - Biometric information protection

**ISO/IEC JTC 1/SC 27 ISO/IEC 9797-2:2011**

Information technology - Security techniques - Message Authentication Codes (MACs) - Part 2: Mechanisms using a dedicated hash-function

**ISO/IEC JTC 1/SC 29 ISO/IEC 23006-2:2011**

Information technology - MPEG extensible middleware (MXM) - Part 2: MXM API

**ISO/IEC JTC 1/SC 29 ISO/IEC 24800-2:2011**

Information technology - JPSearch - Part 2: Registration, identification and management of schema and ontology

**ISO/IEC JTC 1/SC 31 ISO/IEC TR 18047-3:2011**

Information technology - Radio frequency identification device conformance test methods - Part 3: Test methods for air interface communications at 13,56 MHz

**ISO/IEC JTC 1/SC 34 ISO/IEC 19756:2011**

Information technology - Topic Maps - Constraint Language (TMCL)

**ISO/IEC JTC 1/SC 36 ISO/IEC 19788-2:2011**

Information technology - Learning, education and training - Metadata for learning resources - Part 2: Dublin Core elements

**ISO/TC 8/SC 1 ISO 22488:2011**

Ships and marine technology - Shipboard fire-fighters' outfits (protective clothing, gloves, boots and helmet)

**ISO/TC 12 ISO 80000-5:2007**

Quantities and units - Part 5: Thermodynamics

**ISO/TC 20/SC 14 ISO 17566:2011**

Space systems - General test documentation

**ISO/TC 21/SC 3 ISO 7240-11:2011**

Fire detection and alarm systems - Part 11: Manual call points

**ISO/TC 22/SC 3 ISO 22901-2:2011**

Road vehicles - Open diagnostic data exchange (ODX) - Part 2: Emissions-related diagnostic data

**ISO/TC 23/SC 6 ISO/TS 11356:2011**

Crop protection equipment - Traceability - Spray parameter recording

**ISO/TC 28/SC 4 ISO 13738:2011**

Lubricants, industrial oils and related products (class L) - Family E (Internal combustion engine oils) - Specifications for two-stroke-cycle gasoline engine oils (categories EGB, EGC and EGD)

**ISO/TC 29/SC 2 ISO 1641-2:2011**

End mills and slot drills - Part 2: Dimensions and designation of milling cutters with Morse taper shanks

**ISO/TC 29/SC 2 ISO 1641-3:2011**

End mills and slot drills - Part 3: Dimensions and designation of milling cutters with 7/24 taper shanks

**ISO/TC 43/SC 1 ISO 10302-2:2011**

Acoustics - Measurement of airborne noise emitted and structure-borne vibration induced by small air-moving devices - Part 2: Structure-borne vibration measurements

**ISO/TC 59/SC 3 ISO 11863:2011**

Buildings and building-related facilities - Functional and user requirements and performance - Tools for assessment and comparison

**ISO/TC 61/SC 2 ISO 179-2:1997/Amd 1:2011**

Plastics - Determination of Charpy impact properties - Part 2: Instrumented impact test - Amendment 1: Precision data

**ISO/TC 67/SC 2 ISO 21809-1:2011**

Petroleum and natural gas industries - External coatings for buried or submerged pipelines used in pipeline transportation systems - Part 1: Polyolefin coatings (3-layer PE and 3-layer PP)

**ISO/TC 67/SC 3 ISO 10414-2:2011**

Petroleum and natural gas industries - Field testing of drilling fluids - Part 2: Oil-based fluids

**ISO/TC 67/SC 3 ISO 13501:2011**

Petroleum and natural gas industries - Drilling fluids - Processing equipment evaluation

**ISO/TC 67/SC 4 ISO 13628-4:2010/Cor 1:2011**

Petroleum and natural gas industries - Design and operation of subsea production systems - Part 4: Subsea wellhead and tree equipment - Technical Corrigendum 1

**ISO/TC 67/SC 5 ISO 11960:2011**

Petroleum and natural gas industries - Steel pipes for use as casing or tubing for wells

**ISO/TC 69/SC 5 ISO 2859-1:1999/Amd 1:2011**

Sampling procedures for inspection by attributes - Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection - Amendment 1

**ISO/TC 79/SC 6 ISO 7271:2011**

Aluminium and aluminium alloys - Foil and thin strip - Dimensional tolerances

**ISO/TC 89 ISO 12460-5:2011**

Wood-based panels - Determination of formaldehyde release - Part 5: Extraction method (called the perforator method)

**ISO/TC 122 ISO 11156:2011**

Packaging - Accessible design - General requirements

**ISO/TC 138/SC 4 ISO 21307:2011**

Plastics pipes and fittings - Butt fusion jointing procedures for polyethylene (PE) pipes and fittings used in the construction of gas and water distribution systems

**ISO/TC 156 ISO 8565:2011**

Metals and alloys - Atmospheric corrosion testing - General requirements

**ISO/TC 164/SC 1 ISO 376:2011**

Metallic materials - Calibration of force-proving instruments used for the verification of uniaxial testing machines

**ISO/TC 165 ISO 22452:2011**

Timber structures - Structural insulated panel walls - Test methods

**ISO/TC 171/SC 2 ISO 19005-2:2011**

Document management - Electronic document file format for long-term preservation - Part 2: Use of ISO 32000-1 (PDF/A-2)

**ISO/TC 171/SC 2 ISO/TR 14105:2011**

Document management - Change management for successful electronic document management system (EDMS) implementation

**ISO/TC 172/SC 5 ISO 19012-1:2011**

Microscopes - Designation of microscope objectives - Part 1: Flatness of field/Plan

**ISO/TC 184/SC 5 ISO 16100-6:2011**

Industrial automation systems and integration - Manufacturing software capability profiling for interoperability - Part 6: Interface services and protocols for matching profiles based on multiple capability class structures

**ISO/TC 201/SC 3 ISO 28600:2011**

Surface chemical analysis - Data transfer format for scanning-probe microscopy

**ISO/TC 202/SC 4 ISO/TS 24597:2011**

Microbeam analysis - Scanning electron microscopy - Methods of evaluating image sharpness

**ISO/TC 211 ISO 19110:2005/Amd 1:2011**

Geographic information - Methodology for feature cataloguing - Amendment 1

**ISO/TC 242 ISO 50001:2011**

Energy management systems - Requirements with guidance for use

**IULTCS ISO 17076-2:2011**

Leather - Determination of abrasion resistance - Part 2: Martindale ball plate method



## TARPTAUTINĖS ELEKTROTECHNIKOS KOMISIJOS STANDARTAI

<b>IEC</b>	<b>CISPR 16-4-2:2011</b> Specification for radio disturbance and immunity measuring apparatus and methods - Part 4-2: Uncertainties, statistics and limit modelling - Measurement instrumentation uncertainty	<b>TC 34</b>	<b>IEC/PAS 62722-1:2011</b> Luminaire performance - Part 1: General requirements
<b>IEC</b>	<b>CISPR 17:2011</b> Methods of measurement of the suppression characteristics of passive EMC filtering devices	<b>TC 34</b>	<b>IEC/PAS 62722-2-1:2011</b> Luminaire performance - Part 2-1: Particular requirements for LED luminaires
<b>TC 9</b>	<b>IEC 62290-2:2011</b> Railway applications - Urban guided transport management and command/control systems - Part 2: Functional requirements specification	<b>TC 34</b>	<b>IEC 62386-209:2011</b> Digital addressable lighting interface - Part 209: Particular requirements for control gear - Colour control (device type 8)
<b>TC 9</b>	<b>IEC 62621:2011</b> Railway applications - Fixed installations - Electric traction - Specific requirements for composite insulators used for overhead contact line systems	<b>TC 47</b>	<b>IEC 60191-6-12:20011</b> Mechanical standardization of semiconductor devices - Part 6-12: General rules for the preparation of outline drawings of surface mounted semiconductor device packages - Design guidelines for fine-pitch land grid array (FLGA)
<b>TC 15</b>	<b>IEC 60684-3-205:2011</b> Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 205: Heat-shrinkable chlorinated polyolefin sleeving, flame retarded, nominal shrink ratio 1,7:1 and 2:1	<b>TC 47</b>	<b>IEC 60749-7:2011</b> Semiconductor devices - Mechanical and climatic test methods - Part 7: Internal moisture content measurement and the analysis of other residual gases
<b>TC 15</b>	<b>IEC 60684-3-247:2011</b> Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 247: Heat-shrinkable, polyolefin sleeving, dual wall, not flame retarded, thick and medium wall	<b>TC 47</b>	<b>IEC 62047-7:2011</b> Semiconductor devices - Micro-electromechanical devices - Part 7: MEMS BAW filter and duplexer for radio frequency control and selection
<b>TC 15</b>	<b>IEC 60684-3-271:2011</b> Flexible insulating sleeving - Part 3: Specifications for individual types of sleeving - Sheet 271: Heat-shrinkable elastomer sleeveings, flame retarded, fluid resistant, shrink ratio 2:1	<b>TC 48</b>	<b>IEC 60512-9-3:2011</b> Connectors for electronic equipment - Tests and measurements - Part 9-3: Endurance tests - Test 9c: Mechanical operation (engaging and separating) with electrical load
<b>TC 17</b>	<b>IEC 62271-1-am1:2011</b> Amendment 1 - High-voltage switchgear and controlgear - Part 1: Common specifications	<b>TC 48</b>	<b>IEC 61076-2:2011</b> Connectors for electronic equipment - Product requirements - Part 2: Sectional specification for circular connectors
<b>TC 17</b>	<b>IEC 62271-103:2011</b> High-voltage switchgear and controlgear - Part 103: Switches for rated voltages above 1 kV up to and including 52 kV	<b>TC 48</b>	<b>IEC 61076-2-001:2011</b> Connectors for electronic equipment - Product requirements - Part 2-001: Circular connectors - Blank detail specification
<b>TC 21</b>	<b>IEC 61960:2011</b> Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for portable applications	<b>TC 48</b>	<b>IEC 61076-2-106:2011</b> Connectors for electronic equipment - Product requirements - Part 2-106: Circular connectors - Detail specification for connectors M 16 x 0,75 with screw-locking and degree of protection IP40 or IP65/67
<b>TC 22</b>	<b>IEC 61204-3:2011</b> Low voltage power supplies, d.c. output - Part 3: Electromagnetic compatibility (EMC)	<b>TC 49</b>	<b>IEC/TS 61994-2:2011</b> Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection - Glossary - Part 2: Piezoelectric and dielectric filters
<b>TC 23</b>	<b>IEC 62613-1:2011</b> Plugs, socket-outlets and ship couplers for high-voltage shore connection systems (HVSC-Systems) - Part 1: General requirements	<b>TC 55</b>	<b>IEC 60851-5-am1:2011</b> Amendment 1 - Winding wires - Test methods - Part 5: Electrical properties
<b>TC 31</b>	<b>IEC 60079-0:2011</b> Explosive atmospheres - Part 0: Equipment - General requirements	<b>TC 56</b>	<b>IEC 61709:2011</b> Electric components - Reliability - Reference conditions for failure rates and stress models for conversion
<b>TC 31</b>	<b>IEC 60079-0:2011</b> Explosive atmospheres - Part 0: Equipment - General requirements	<b>TC 57</b>	<b>IEC 61850-8-1:2011</b> Communication networks and systems for power utility automation - Part 8-1: Specific communication service mapping (SCSM) - Mappings to MMS (ISO 9506-1 and ISO 9506-2) and to ISO/IEC 8802-3
<b>TC 34</b>	<b>IEC 60238:2011</b> Edison screw lampholders	<b>TC 59</b>	<b>IEC 60312-1-am1:2011</b> Amendment 1 - Vacuum cleaners for household use - Part 1: Dry vacuum cleaners - Methods for measuring the performance
<b>TC 34</b>	<b>IEC 60838-1:2011</b> Miscellaneous lampholders - Part 1: General requirements and tests		



- TC 62 IEC 60601-2-31-am1:2011**  
Amendment 1 - Medical electrical equipment - Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source
- TC 72 IEC 60730-2-9:2011**  
Automatic electrical controls for household and similar use - Part 2-9: Particular requirements for temperature sensing controls
- TC 76 IEC 60825-4:2011**  
Safety of laser products - Part 4: Laser guards
- TC 80 IEC 61162-450:2011**  
Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 450: Multiple talkers and multiple listeners - Ethernet interconnection
- TC 81 IEC 62561-5:2011**  
Lightning protection system components (LPSC) - Part 5: Requirements for earth electrode inspection housings and earth electrode seals
- TC 81 IEC 62561-6:2011**  
Lightning protection system components (LPSC) - Part 6: Requirements for lightning strike counters (LSC)
- TC 82 IEC 62109-2:2011**  
Safety of power converters for use in photovoltaic power systems - Part 2: Particular requirements for inverters
- TC 86 IEC 61300-3-46:2011**  
Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-46: Measurement - Bore diameter for guide pin in MT ferrules
- TC 100 IEC 60268-16:2011**  
Sound system equipment - Part 16: Objective rating of speech intelligibility by speech transmission index
- TC 100 IEC 62634:2011**  
Radio data system (RDS) - Receiver products and characteristics - Methods of measurement
- TC 107 IEC/PAS 62647-1:2011**  
Process management for avionics - Aerospace and defence electronic systems containing lead-free solder - Part 1: Lead-free management
- TC 107 IEC/PAS 62647-2:2011**  
Process management for avionics - Aerospace and defence electronic systems containing lead-free solder - Part 2: Mitigation of the deleterious effects of tin
- TC 108 IEC/TR 62368-2:2011**  
Audio/video, information and communication technology equipment - Part 2: Explanatory information related to IEC 62368-1
- TC 110 IEC 61747-5-2:2011**  
Liquid crystal display devices - Part 5-2: Environmental, endurance and mechanical test methods - Visual inspection of active matrix colour liquid crystal display modules
- TC 110 IEC 61747-6-2:2011**  
Liquid crystal display devices - Part 6-2: Measuring methods for liquid crystal display modules - Reflective type


**RATIFIKUOTI EUROPOS STANDARTIZACIJOS KOMITETO STANDARTAI**

Ratifikuoti Europos standartai neturi Europos standartų statuso, jei jie neperimti kaip Lietuvos standartai.

<b>ASD/ELEC</b>	<b>EN 2240-061:2011</b>	<b>CEN/SS F99</b>	<b>CEN/CLC Guide 20:2011</b>
	Aerospace series - Lamps, incandescent - Part 061: Lamp, code 1683 - Product standard		Guide on Membership Criteria of CEN and CENELEC
<b>ASD/ELEC</b>	<b>EN 2240-062:2011</b>	<b>CEN/TC 12</b>	<b>EN ISO 10414-2:2011</b>
	Aerospace series - Lamps, incandescent - Part 062: Lamp, code 1810 - Product standard		Petroleum and natural gas industries - Field testing of drilling fluids - Part 2: Oil-based fluids (ISO 10414-2:2011)
<b>ASD/ELEC</b>	<b>EN 2240-063:2011</b>	<b>CEN/TC 12</b>	<b>EN ISO 11960:2011</b>
	Aerospace series - Lamps, incandescent - Part 063: Lamp, code 1815 - Product standard		Petroleum and natural gas industries - Steel pipes for use as casing or tubing for wells (ISO 11960:2011)
<b>ASD/ELEC</b>	<b>EN 2240-064:2011</b>	<b>CEN/TC 12</b>	<b>EN ISO 13501:2011</b>
	Aerospace series - Lamps, incandescent - Part 064: Lamp, code 1819 - Product standard		Petroleum and natural gas industries - Drilling fluids - Processing equipment evaluation (ISO 13501:2011)
<b>ASD/ELEC</b>	<b>EN 2240-065:2011</b>	<b>CEN/TC 12</b>	<b>EN ISO 13628-4:2010/AC:2011</b>
	Aerospace series - Lamps, incandescent - Part 065: Lamp, code 1820 - Product standard		Petroleum and natural gas industries - Design and operation of subsea production systems - Part 4: Subsea wellhead and tree equipment - Technical Corrigendum 1 (ISO 13628-4:2010/Cor 1:2011)
<b>ASD/ELEC</b>	<b>EN 2240-066:2011</b>	<b>CEN/TC 51</b>	<b>EN 459-3:2011</b>
	Aerospace series - Lamps, incandescent - Part 066: Lamp, code 1829 - Product standard		Building lime - Part 3: Conformity evaluation
<b>ASD/ELEC</b>	<b>EN 2240-067:2011</b>	<b>CEN/TC 52</b>	<b>EN 71-1:2011</b>
	Aerospace series - Lamps, incandescent - Part 067: Lamp, code 1843 - Product standard		Safety of toys - Part 1: Mechanical and physical properties
<b>ASD/ELEC</b>	<b>EN 2240-068:2011</b>	<b>CEN/TC 93</b>	<b>EN 131-1:2007+A1:2011</b>
	Aerospace series - Lamps, incandescent - Part 068: Lamp, code 1864 - Product standard		Ladders - Part 1: Terms, types, functional sizes
<b>ASD/ELEC</b>	<b>EN 2240-069:2011</b>	<b>CEN/TC 104</b>	<b>EN 480-1:2006+A1:2011</b>
	Aerospace series - Lamps, incandescent - Part 069: Lamp, code 1978 - Product standard		Admixtures for concrete, mortar and grout - Test methods - Part 1: Reference concrete and reference mortar for testing
<b>ASD/ELEC</b>	<b>EN 2240-070:2011</b>	<b>CEN/TC 104</b>	<b>EN 480-13:2009+A1:2011</b>
	Aerospace series - Lamps, incandescent - Part 070: Lamp, code 2232 - Product standard		Admixtures for concrete, mortar and grout - Test methods - Part 13: Reference masonry mortar for testing mortar admixtures
<b>ASD-STAN</b>	<b>EN 2240-061:2011</b>	<b>CEN/TC 112</b>	<b>EN 12369-2:2011</b>
	Aerospace series - Lamps, incandescent - Part 061: Lamp, code 1683 - Product standard		Wood-based panels - Characteristic values for structural design - Part 2: Plywood
<b>ASD-STAN</b>	<b>EN 2240-062:2011</b>	<b>CEN/TC 129</b>	<b>EN 674:2011</b>
	Aerospace series - Lamps, incandescent - Part 062: Lamp, code 1810 - Product standard		Glass in building - Determination of thermal transmittance (U value) - Guarded hot plate method
<b>ASD-STAN</b>	<b>EN 2240-063:2011</b>	<b>CEN/TC 129</b>	<b>EN 675:2011</b>
	Aerospace series - Lamps, incandescent - Part 063: Lamp, code 1815 - Product standard		Glass in building - Determination of thermal transmittance (U value) - Heat flow meter method
<b>ASD-STAN</b>	<b>EN 2240-064:2011</b>	<b>CEN/TC 139</b>	<b>EN 13523-11:2011</b>
	Aerospace series - Lamps, incandescent - Part 064: Lamp, code 1819 - Product standard		Coil coated metals - Test methods - Part 11: Resistance to solvents (rubbing test)
<b>ASD-STAN</b>	<b>EN 2240-065:2011</b>	<b>CEN/TC 139</b>	<b>EN 13523-19:2011</b>
	Aerospace series - Lamps, incandescent - Part 065: Lamp, code 1820 - Product standard		Coil coated metals - Test methods - Part 19: Panel design and method of atmospheric exposure testing
<b>ASD-STAN</b>	<b>EN 2240-066:2011</b>	<b>CEN/TC 139</b>	<b>EN 16074:2011</b>
	Aerospace series - Lamps, incandescent - Part 066: Lamp, code 1829 - Product standard		Paints and varnishes - Determination of non-volatile-matter content and spreading rate of coil coating materials
<b>ASD-STAN</b>	<b>EN 2240-067:2011</b>	<b>CEN/TC 160</b>	<b>EN 341:2011</b>
	Aerospace series - Lamps, incandescent - Part 067: Lamp, code 1843 - Product standard		Personal fall protection equipment - Descender devices for rescue
<b>ASD-STAN</b>	<b>EN 2240-068:2011</b>	<b>CEN/TC 166</b>	<b>EN 12446:2011</b>
	Aerospace series - Lamps, incandescent - Part 068: Lamp, code 1864 - Product standard		Chimneys - Components - Concrete outer wall elements
<b>ASD-STAN</b>	<b>EN 2240-069:2011</b>	<b>CEN/TC 191</b>	<b>CEN/TS 14972:2011</b>
	Aerospace series - Lamps, incandescent - Part 069: Lamp, code 1978 - Product standard		Fixed firefighting systems - Watermist systems - Design and installation
<b>ASD-STAN</b>	<b>EN 2240-070:2011</b>		
	Aerospace series - Lamps, incandescent - Part 070: Lamp, code 2232 - Product standard		

- CEN/TC 204 EN ISO 25424:2011**  
Sterilization of medical devices - Low temperature steam and formaldehyde - Requirements for development, validation and routine control of a sterilization process for medical devices (ISO 25424:2009)
- CEN/TC 207 CEN/TS 16209:2011**  
Furniture - Classification for properties for furniture surfaces
- CEN/TC 226 EN 12802:2011**  
Road marking materials - Laboratory methods for identification
- CEN/TC 226 EN 13197:2011**  
Road marking materials - Wear simulator Turntable
- CEN/TC 226 EN 13212:2011**  
Road marking materials - Requirements for factory production control
- CEN/TC 226 EN 13459:2011**  
Road marking materials - Sampling from storage and testing
- CEN/TC 226 EN 1824:2011**  
Road marking materials - Road trials
- CEN/TC 249 EN ISO 294-4:2003/AC:2011**  
Plastics - Injection moulding of test specimens of thermoplastic materials - Part 4: Determination of moulding shrinkage - Technical Corrigendum 1 (ISO 294-4:2001/Cor 1:2007)
- CEN/TC 256 EN 14535-2:2011**  
Railway applications - Brake discs for railway rolling stock - Part 2: Brake discs mounted onto the wheel, dimensions and quality requirements
- CEN/TC 260 EN 15919:2011**  
Fertilizers - Extraction of phosphorus soluble in 2 % formic acid
- CEN/TC 260 EN 15920:2011**  
Fertilizers - Extraction of phosphorus soluble in 2 % citric acid
- CEN/TC 260 EN 15921:2011**  
Fertilizers - Extraction of soluble phosphorus according to Petermann at 65 °C
- CEN/TC 260 EN 15922:2011**  
Fertilizers - Extraction of soluble phosphorus according to Petermann at ambient temperature
- CEN/TC 260 EN 15923:2011**  
Fertilizers - Extraction of phosphorus soluble in Joulie's alkaline ammonium citrate
- CEN/TC 278 EN 15722:2011**  
Intelligent transport systems - eSafety - eCall minimum set of data (MSD)
- CEN/TC 287 EN ISO 19110:2006/A1:2011**  
Geographic information - Methodology for feature cataloguing - Amendment 1 (ISO 19110:2005/AMD 1:2011)
- CEN/TC 289 EN ISO 17076-2:2011**  
Leather - Determination of abrasion resistance - Part 2: Martindale ball plate method (ISO 17076-2:2011)
- CEN/TC 292 CEN/TR 16184:2011**  
Characterization of Waste - State-of-the-art document - Analysis of eluates
- CEN/TC 335 EN 14778:2011**  
Solid biofuels - Sampling
- CEN/TC 335 EN 14780:2011**  
Solid biofuels - Sample preparation
- CEN/TC 335 EN 14961-2:2011**  
Solid biofuels - Fuel specifications and classes - Part 2: Wood pellets for non-industrial use
- CEN/TC 335 EN 14961-3:2011**  
Solid biofuels - Fuel specifications and classes - Part 3: Wood briquettes for non-industrial use
- CEN/TC 335 EN 14961-4:2011**  
Solid biofuels - Fuel specifications and classes - Part 4: Wood chips for non-industrial use
- CEN/TC 345 EN ISO 11260:2011**  
Soil quality - Determination of effective cation exchange capacity and base saturation level using barium chloride solution (ISO 11260:1994/Cor 1:1996)
- CEN/TC 345 EN ISO 14240-1:2011**  
Soil quality - Determination of soil microbial biomass - Part 1: Substrate-induced respiration method (ISO 14240-1:1997)
- CEN/TC 345 EN ISO 14240-2:2011**  
Soil quality - Determination of soil microbial biomass - Part 2: Fumigation-extraction method (ISO 14240-2:1997)
- CEN/TC 345 EN ISO 14254:2011**  
Soil quality - Determination of exchangeable acidity in barium chloride extracts (ISO 14254:2001)
- CEN/TC 345 EN ISO 15175:2011**  
Soil quality - Characterization of soil related to groundwater protection (ISO 15175:2004)
- CEN/TC 345 EN ISO 15952:2011**  
Soil quality - Effects of pollutants on juvenile land snails (Helicidae) - Determination of the effects on growth by soil contamination (ISO 15952:2006)
- CEN/TC 345 EN ISO 16072:2011**  
Soil quality - Laboratory methods for determination of microbial soil respiration (ISO 16072:2002)
- CEN/TC 345 EN ISO 16133:2011**  
Soil quality - Guidance on the establishment and maintenance of monitoring programmes (ISO 16133:2004)
- CEN/TC 345 EN ISO 16703:2011**  
Soil quality - Determination of content of hydrocarbon in the range C10 to C40 by gas chromatography (ISO 16703:2004)
- CEN/TC 345 EN ISO 17402:2011**  
Soil quality - Requirements and guidance for the selection and application of methods for the assessment of bioavailability of contaminants in soil and soil materials (ISO 17402:2008)
- CEN/TC 392 EN ISO 16212:2011**  
Cosmetics - Microbiology - Enumeration of yeast and mould (ISO 16212:2008)
- CEN/TC 392 EN ISO 18415:2011**  
Cosmetics - Microbiology - Detection of specified and non-specified microorganisms (ISO 18415:2007)
- ECISS/TC 101 EN ISO 376:2011**  
Metallic materials - Calibration of force-proving instruments used for the verification of uniaxial testing machines (ISO 376:2011)



## RATIFIKUOTI EUROPOS ELEKTROTECHNIKOS STANDARTIZACIJOS KOMITETO STANDARTAI

Ratifikuoti Europos standartai neturi Europos standartų statuso, jei jie neperimti kaip Lietuvos standartai.

- CLC/SC 9XA EN 50128:2011**  
Railway applications - Communication, signalling and processing systems - Software for railway control and protection systems
- CLC/SC 9XC EN 50122-1:2011/A1:2011**  
Railway applications - Fixed installations - Electrical safety, earthing and the return circuit - Part 1: Protective provisions against electric shock
- CLC/SR 32C EN 60127-1:2006/A1:2011**  
Miniature fuses - Part 1: Definitions for miniature fuses and general requirements for miniature fuse-links
- CLC/SR 48B EN 60512-17-2:2011**  
Connectors for electronic equipment - Tests and measurements - Part 17-2: Cable clamping tests - Test 17b: Cable clamp resistance to cable rotation (IEC 60512-17-2:2011)
- CLC/SR 48B EN 60512-8-2:2011**  
Connectors for electronic equipment - Tests and measurements - Part 8-2: Static load tests (fixed connectors) - Test 8b: Static load, axial (IEC 60512-8-2:2011)
- CLC/SR 48B EN 60512-8-3:2011**  
Connectors for electronic equipment - Tests and measurements - Part 8-3: Static load tests (fixed connectors) - Test 8c: Robustness of actuating lever (IEC 60512-8-3:2011)
- CLC/SR 48B EN 60512-9-4:2011**  
Connectors for electronic equipment - Tests and measurements - Part 9-4: Endurance tests - Test 9d: Durability of contact retention system and seals (maintenance, ageing) (IEC 60512-9-4:2011)
- CLC/SR 48B EN 60603-7-1:2011**  
Connectors for electronic equipment - Part 7-1: Detail specification for 8-way, shielded, free and fixed connectors (IEC 60603-7-1:2011)
- CLC/SR 57 EN 61850-4:2011**  
Communication networks and systems for power utility automation - Part 4: System and project management (IEC 61850-4:2011)
- CLC/SR 112 EN 62631-1:2011**  
Dielectric and resistive properties of solid insulating materials - Part 1: General
- CLC/TC 22X EN 61954:2011**  
Static VAR compensators (SVC) - Testing of thyristor valves (IEC 61954:2011)
- CLC/TC 22X EN 62040-3:2011**  
Uninterruptible power systems (UPS) - Part 3: Method of specifying the performance and test requirements (IEC 62040-3:2011)
- CLC/TC 34Z EN 62386-210:2011**  
Digital addressable lighting interface - Part 210: Particular requirements for control gear - Sequencer (device type 9)
- CLC/TC 40XB EN 140401-804:2011**  
Detail Specification: Fixed low power film high stability SMD resistors - Rectangular - Stability classes 0,1; 0,25
- CLC/TC 45B EN 62363:2011**  
Radiation protection instrumentation - Portable photon contamination meters and monitors (IEC 62363:2008, modified)
- CLC/TC 57 EN 61850-4:2011**  
Communication networks and systems for power utility automation - Part 4: System and project management (IEC 61850-4:2011)
- CLC/TC 61F EN 61029-2-3:2011**  
Safety of transportable motor-operated electric tools - Part 2-3: Particular requirements for planers and thicknessers
- CLC/TC 61F EN 60745-2-22:2011**  
Hand-held motor-operated electric tools - Safety - Part 2-22: Particular requirements for cut-off machines
- CLC/TC 79 EN 50130-4:2011**  
Alarm systems - Part 4: Electromagnetic compatibility - Product family standard: Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems
- CLC/TC 79 EN 50130-5:2011**  
Alarm systems - Part 5: Environmental test methods
- CLC/TC 81X EN 50536:2011/AC:2011**  
Protection against lightning - Thunderstorm warning systems
- CLC/TC 82 EN 50548:2011**  
Junction boxes for photovoltaic modules
- CLC/TC 86A EN 60793-1-44:2011**  
Optical fibres - Part 1-44: Measurement methods and test procedures - Cut-off wavelength (IEC 60793-1-44:2011)
- CLC/TC 86BXA EN 50377-14-1:2011**  
Connector sets and interconnect components to be used in optical fibre communication systems - Product specifications - Part 14-1: Cords with IEC 60793-2-50 singlemode category B1.1 and B1.3 fibre for category C
- CLC/TC 86BXA EN 50411-6-1:2011**  
Fibre organisers and closures to be used in optical fibre communication systems - Product specifications - Part 6-1: Unprotected microproduct for category S and A
- CLC/TC 86BXA EN 61300-3-45:2011**  
Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-45: Examinations and measurements - Attenuation of random mated multi-fibre connectors (IEC 61300-3-45:2011)
- CLC/TC 116 EN 60745-2-22:2011**  
Hand-held motor-operated electric tools - Safety - Part 2-22: Particular requirements for cut-off machines
- CLC/TC 116 EN 61029-2-3:2011**  
Safety of transportable motor-operated electric tools - Part 2-3: Particular requirements for planers and thicknessers
- CLC/TC 206 EN 61937-10:2011**  
Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 10: Non-linear PCM bitstreams according to the MPEG-4 Audio Lossless Coding (ALS) format (IEC 61937-10:2011)
- CLC/TC 209 EN 60728-6:2011**  
Cable networks for television signals, sound signals and interactive services - Part 6: Optical equipment (IEC 60728-6:2011)
- CLC/TC 210 EN 61000-4-15:2011**  
Electromagnetic compatibility (EMC) - Part 4-15: Testing and measurement techniques - Flickermeter - Functional and design specifications


**RATIFIKUOTI EUROPOS TELEKOMUNIKACIJŲ STANDARTŲ INSTITUTO STANDARTAI**

Ratifikuoti Europos standartai neturi Europos standartų statuso, jei jie neperimti kaip Lietuvos standartai.

**ETSI EN 302 296-2 V1.2.1 (2011-05)**

Electromagnetic compatibility and Radio spectrum Matters (ERM); Transmitting equipment for the digital television broadcast service, Terrestrial (DVB-T); Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

**ETSI EN 302 774 V1.1.1 (2011-05)**

Broadband Wireless Access Systems (BWA) in the 3 400 MHz to 3 800 MHz frequency band; Base Stations; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

**ETSI EN 302 998-1 V1.1.1 (2011-05)**

Electromagnetic compatibility and Radio spectrum Matters (ERM); Transmitting equipment for terrestrial mobile TV to provide multimedia multicast service; Part 1: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive, Common requirements

**ETSI EN 302 998-2 V1.1.1 (2011-05)**

Electromagnetic compatibility and Radio spectrum Matters (ERM); Transmitting equipment for terrestrial mobile TV to provide multimedia multicast service; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive, Test Arrangements for transmitters utilizing OFDM technology

**ETSI ES 201 873-1 V4.3.1 (2011-06)**

Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 1: TTCN-3 Core Language

**ETSI ES 201 873-10 V4.3.1 (2011-06)**

Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 10: TTCN-3 Documentation Comment Specification

**ETSI ES 201 873-5 V4.3.1 (2011-06)**

Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 5: TTCN-3 Runtime Interface (TRI)

**ETSI ES 201 873-6 V4.3.1 (2011-06)**

Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 6: TTCN-3 Control Interface (TCI)

**ETSI ES 201 873-7 V4.3.1 (2011-06)**

Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 7: Using ASN.1 with TTCN-3

**ETSI ES 201 873-8 V4.3.1 (2011-06)**

Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 8: The IDL to TTCN-3 Mapping

**ETSI ES 201 873-9 V4.3.1 (2011-06)**

Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 9: Using XML schema with TTCN-3

**ETSI SR 000 314 V2.10.1 (2011-06)**

Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards

**ETSI TR 101 560 V1.1.1 (2011-06)**

Network Testing (INT); IMS NNI Interworking Test Scripts for RCS Release 2.0

**ETSI TR 101 561 V1.1.1 (2011-06)**

Network Testing (INT); Enhancement of Automated Interoperability Testing Framework in IMS core networks: Test adapter And codec design suited for TTCN-3 interoperability testing

**ETSI TR 102 688-8 V1.1.1 (2011-05)**

Media Content Distribution (MCD); MCD framework; Part 8: Audience Measurement

**ETSI TR 102 749 V1.2.1 (2011-06)**

Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Test Report Template for testing to EN 300 220-2 V2.3.1 (R&TTE)

**ETSI TR 102 863 V1.1.1 (2011-06)**

Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Local Dynamic Map (LDM); Rationale for and guidance on standardization

**ETSI TR 102 877 V1.1.1 (2011-05)**

Access, Terminals, Transmission and Multiplexing (ATTM); Energy Efficiency of Energy Related Products (ErPs) with regards to their Ecodesign Requirements; Network Apparatus and Customer Premises Equipment relating to Cable Network Operator's Services

**ETSI TR 102 892 V1.1.1 (2011-06)**

Electromagnetic compatibility and Radio spectrum Matters (ERM); SRD radar equipment using Wideband Low Activity Mode (WLAM) and operating in the frequency range from 24,05 GHz to 24,50 GHz; System Reference Document

**ETSI TR 121 900 V9.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Technical Specification Group working methods (3GPP TR 21.900 version 9.1.0 Release 9)

**ETSI TR 126 946 V9.0.1 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Multimedia Broadcast/Multicast Service (MBMS) user service guidelines (3GPP TR 26.946 version 9.0.1 Release 9)

**ETSI TR 136 921 V10.0.0 (2011-05)**

Evolved Universal Terrestrial Radio Access (E-UTRA); FDD Home eNode B (HeNB) Radio Frequency (RF) requirements analysis (3GPP TR 36.921 version 10.0.0 Release 10)

**ETSI TR 136 922 V10.0.0 (2011-05)**

Evolved Universal Terrestrial Radio Access (E-UTRA); TDD Home eNode B (HeNB) Radio Frequency (RF) requirements analysis (3GPP TR 36.922 version 10.0.0 Release 10)

**ETSI TR 136 931 V10.0.0 (2011-05)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Frequency (RF) requirements for LTE Pico Node B (3GPP TR 36.931 version 10.0.0 Release 10)

**ETSI TR 136 931 V9.0.0 (2011-05)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Frequency (RF) requirements for LTE Pico Node B (3GPP TR 36.931 version 9.0.0 Release 9)

**ETSI TR 136 942 V10.2.0 (2011-05)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Frequency (RF) system scenarios (3GPP TR 36.942 version 10.2.0 Release 10)

**ETSI TR 137 900 V10.0.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Radio Frequency (RF) requirements for Multicarrier and Multiple Radio Access Technology (Multi-RAT) Base Station (BS) (3GPP TR 37.900 version 10.0.0 Release 10)

**ETSI TR 143 901 V10.0.1 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Feasibility Study on generic access to A/Gb interface (3GPP TR 43.901 version 10.0.1 Release 10)

**ETSI TR 145 914 V10.0.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Circuit switched voice capacity evolution for GSM/EDGE Radio Access Network (GERAN) (3GPP TR 45.914 version 10.0.0 Release 10)

**ETSI TR 187 020 V1.1.1 (2011-05)**

Radio Frequency Identification (RFID); Coordinated ESO response to Phase 1 of EU Mandate M436

**ETSI TS 101 154 V1.10.1 (2011-06)**

Digital Video Broadcasting (DVB); Specification for the use of Video and Audio Coding in Broadcasting Applications based on the MPEG-2 Transport Stream

**ETSI TS 102 542-1 V1.3.2 (2011-05)**

Digital Video Broadcasting (DVB); Guidelines for the implementation of DVB-IPTV Phase 1 specifications; Part 1: Core IPTV Functions

**ETSI TS 102 542-3-2 V1.3.2 (2011-05)**

Digital Video Broadcasting (DVB); Guidelines for the implementation of DVB-IPTV Phase 1 specifications; Part 3: Error Recovery; Sub-part 2: Application Layer - Forward Error Correction (AL-FEC)

**ETSI TS 102 542-4 V1.3.2 (2011-05)**

Digital Video Broadcasting (DVB); Guidelines for the implementation of DVB-IPTV Phase 1 specifications; Part 4: Remote Management and Firmware Update

**ETSI TS 102 636-4-1 V1.1.1 (2011-06)**

Intelligent Transport System (ITS); Vehicular communications; GeoNetworking; Part 4: Geographical addressing and forwarding for point-to-point and point-to-multipoint communications; Sub-part 1: Media-Independent Functionality

**ETSI TS 102 657 V1.8.1 (2011-06)**

Lawful Interception (LI); Retained data handling; Handover interface for the request and delivery of retained data

**ETSI TS 102 695-1 V8.0.0 (2011-06)**

Smart Cards; Test specification for the Host Controller Interface (HCI) Part 1: Terminal features (Release 8)

**ETSI TS 102 695-3 V8.0.0 (2011-06)**

Smart Cards; Test specification for the Host Controller Interface (HCI) Part 3: Host Controller features (Release 8)

**ETSI TS 102 795 V2.1.1 (2011-06)**

Electromagnetic compatibility and Radio spectrum Matters (ERM); digital Private Mobile Radio (dPMR); Part 3: Requirements catalogue

**ETSI TS 102 871-1 V1.1.1 (2011-06)**

Intelligent Transport Systems (ITS); Testing; Conformance test specifications for GeoNetworking ITS-G5; Part 1: Test requirements and Protocol Implementation Conformance Statement (PICS) proforma

**ETSI TS 102 871-2 V1.1.1 (2011-06)**

Intelligent Transport Systems (ITS); Testing; Conformance test specifications for GeoNetworking ITS-G5; Part 2: Test Suite Structure and Test Purposes (TSS&TP)

**ETSI TS 102 871-3 V1.1.1 (2011-06)**

Intelligent Transport Systems (ITS); Testing; Conformance test specifications for GeoNetworking ITS-G5; Part 3: Abstract Test Suite (ATS) and Protocol Implementation eXtra Information for Testing (PIXIT)

**ETSI TS 102 901 V1.1.1 (2011-06)**

Network Testing (INT); IMS NNI Interoperability Test Specifications; IMS NNI interoperability test descriptions for RCS

**ETSI TS 102 991 V1.2.1 (2011-06)**

Digital Video Broadcasting (DVB); Implementation Guidelines for a second generation digital cable transmission system (DVB-C2)

**ETSI TS 103 161-1 V1.1.1 (2011-06)**

Access, Terminals, Transmission and Multiplexing (ATTM); Integrated Broadband Cable and Television Networks; IPCablecom 1.5 Part 1: Overview

**ETSI TS 122 038 V10.0.1 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); (U)SIM Application Toolkit (USAT); Service description; Stage 1 (3GPP TS 22.038 version 10.0.1 Release 10)

**ETSI TS 122 101 V10.5.1 (2011-05)**

Universal Mobile Telecommunications System (UMTS); Service aspects; Service principles (3GPP TS 22.101 version 10.5.1 Release 10)

**ETSI TS 123 003 V10.2.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Numbering, addressing and identification (3GPP TS 23.003 version 10.2.0 Release 10)

**ETSI TS 123 003 V8.13.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Numbering, addressing and identification (3GPP TS 23.003 version 8.13.0 Release 8)

**ETSI TS 123 003 V9.7.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Numbering, addressing and identification (3GPP TS 23.003 version 9.7.0 Release 9)

**ETSI TS 123 007 V10.4.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Restoration procedures (3GPP TS 23.007 version 10.4.0 Release 10)

**ETSI TS 123 007 V9.8.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Restoration procedures (3GPP TS 23.007 version 9.8.0 Release 9)

**ETSI TS 123 008 V10.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Organization of subscriber data (3GPP TS 23.008 version 10.3.0 Release 10)

**ETSI TS 123 012 V10.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Location management procedures (3GPP TS 23.012 version 10.1.0 Release 10)

**ETSI TS 123 018 V10.2.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Basic call handling; Technical realization (3GPP TS 23.018 version 10.2.0 Release 10)

**ETSI TS 123 018 V8.4.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Basic call handling; Technical realization (3GPP TS 23.018 version 8.4.0 Release 8)

**ETSI TS 123 018 V9.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Basic call handling; Technical realization (3GPP TS 23.018 version 9.3.0 Release 9)

**ETSI TS 123 060 V10.4.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); General Packet Radio Service (GPRS); Service description; Stage 2 (3GPP TS 23.060 version 10.4.0 Release 10)

**ETSI TS 123 060 V7.11.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); General Packet Radio Service (GPRS); Service description; Stage 2 (3GPP TS 23.060 version 7.11.0 Release 7)

**ETSI TS 123 060 V8.13.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); General Packet Radio Service (GPRS); Service description; Stage 2 (3GPP TS 23.060 version 8.13.0 Release 8)

**ETSI TS 123 060 V9.9.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); General Packet Radio Service (GPRS); Service description; Stage 2 (3GPP TS 23.060 version 9.9.0 Release 9)

**ETSI TS 123 066 V10.0.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Support of Mobile Number Portability (MNP); Technical realization; Stage 2 (3GPP TS 23.066 version 10.0.0 Release 10)

**ETSI TS 123 067 V10.0.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2 (3GPP TS 23.067 version 10.0.0 Release 10)

**ETSI TS 123 072 V10.0.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Call Deflection supplementary service; Stage 2 (3GPP TS 23.072 version 10.0.0 Release 10)

**ETSI TS 123 079 V10.0.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Support of Optimal Routing (SOR); Technical realization (3GPP TS 23.079 version 10.0.0 Release 10)

**ETSI TS 123 083 V10.0.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 2 (3GPP TS 23.083 version 10.0.0 Release 10)

**ETSI TS 123 107 V10.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Quality of Service (QoS) concept and architecture (3GPP TS 23.107 version 10.1.0 Release 10)

**ETSI TS 123 107 V8.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Quality of Service (QoS) concept and architecture (3GPP TS 23.107 version 8.1.0 Release 8)

**ETSI TS 123 107 V9.2.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Quality of Service (QoS) concept and architecture (3GPP TS 23.107 version 9.2.0 Release 9)

**ETSI TS 123 122 V10.4.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Non-Access-Stratum (NAS) functions related to Mobile Station (MS) in idle mode (3GPP TS 23.122 version 10.4.0 Release 10)

**ETSI TS 123 122 V8.12.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Non-Access-Stratum (NAS) functions related to Mobile Station (MS) in idle mode (3GPP TS 23.122 version 8.12.0 Release 8)

**ETSI TS 123 122 V9.6.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Non-Access-Stratum (NAS) functions related to Mobile Station (MS) in idle mode (3GPP TS 23.122 version 9.6.0 Release 9)

**ETSI TS 123 203 V10.4.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control architecture (3GPP TS 23.203 version 10.4.0 Release 10)

**ETSI TS 123 203 V8.12.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control architecture (3GPP TS 23.203 version 8.12.0 Release 8)

**ETSI TS 123 203 V9.9.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control architecture (3GPP TS 23.203 version 9.9.0 Release 9)

**ETSI TS 123 205 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); Bearer-independent circuit-switched core network; Stage 2 (3GPP TS 23.205 version 10.1.0 Release 10)

**ETSI TS 123 205 V8.10.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); Bearer-independent circuit-switched core network; Stage 2 (3GPP TS 23.205 version 8.10.0 Release 8)

**ETSI TS 123 205 V9.3.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); Bearer-independent circuit-switched core network; Stage 2 (3GPP TS 23.205 version 9.3.0 Release 9)

**ETSI TS 123 216 V10.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Single Radio Voice Call Continuity (SRVCC); Stage 2 (3GPP TS 23.216 version 10.1.0 Release 10)

**ETSI TS 123 216 V8.7.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Single Radio Voice Call Continuity (SRVCC); Stage 2 (3GPP TS 23.216 version 8.7.0 Release 8)

**ETSI TS 123 216 V9.8.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Single Radio Voice Call Continuity (SRVCC); Stage 2 (3GPP TS 23.216 version 9.8.0 Release 9)

**ETSI TS 123 228 V10.5.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS); Stage 2 (3GPP TS 23.228 version 10.5.0 Release 10)

**ETSI TS 123 237 V10.6.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) Service Continuity; Stage 2 (3GPP TS 23.237 version 10.6.0 Release 10)

**ETSI TS 123 246 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description (3GPP TS 23.246 version 10.1.0 Release 10)

**ETSI TS 123 251 V10.2.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Network sharing; Architecture and functional description (3GPP TS 23.251 version 10.2.0 Release 10)

**ETSI TS 123 272 V10.4.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Circuit Switched (CS) fallback in Evolved Packet System (EPS); Stage 2 (3GPP TS 23.272 version 10.4.0 Release 10)

**ETSI TS 123 272 V9.8.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Circuit Switched (CS) fallback in Evolved Packet System (EPS); Stage 2 (3GPP TS 23.272 version 9.8.0 Release 9)

**ETSI TS 123 284 V10.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Local Call Local Switch (LCLS); Stage 2 (3GPP TS 23.284 version 10.1.0 Release 10)

**ETSI TS 123 333 V10.2.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface: Procedures descriptions (3GPP TS 23.333 version 10.2.0 Release 10)

**ETSI TS 123 380 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; IMS Restoration Procedures (3GPP TS 23.380 version 10.1.0 Release 10)

**ETSI TS 123 380 V8.4.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; IMS Restoration Procedures (3GPP TS 23.380 version 8.4.0 Release 8)

**ETSI TS 123 380 V9.4.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; IMS Restoration Procedures (3GPP TS 23.380 version 9.4.0 Release 9)

**ETSI TS 123 401 V10.4.0 (2011-06)**

General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 10.4.0 Release 10)

**ETSI TS 123 401 V8.14.0 (2011-06)**

General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 8.14.0 Release 8)

**ETSI TS 123 401 V9.9.0 (2011-06)**

General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 9.9.0 Release 9)

**ETSI TS 123 402 V10.4.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Architecture enhancements for non-3GPP accesses (3GPP TS 23.402 version 10.4.0 Release 10)

**ETSI TS 123 402 V9.9.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Architecture enhancements for non-3GPP accesses (3GPP TS 23.402 version 9.9.0 Release 9)

**ETSI TS 124 008 V10.2.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 (3GPP TS 24.008 version 10.2.0 Release 10)

**ETSI TS 124 008 V10.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 (3GPP TS 24.008 version 10.3.0 Release 10)

**ETSI TS 124 008 V8.13.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 (3GPP TS 24.008 version 8.13.0 Release 8)

**ETSI TS 124 008 V8.14.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 (3GPP TS 24.008 version 8.14.0 Release 8)

**ETSI TS 124 008 V9.7.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 (3GPP TS 24.008 version 9.7.0 Release 9)

**ETSI TS 124 010 V10.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Mobile radio interface layer 3; Supplementary services specification; General aspects (3GPP TS 24.010 version 10.1.0 Release 10)

**ETSI TS 124 084 V10.0.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); MultiParty (MPTY) supplementary service; Stage 3 (3GPP TS 24.084 version 10.0.0 Release 10)

**ETSI TS 124 147 V10.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 (3GPP TS 24.147 version 10.1.0 Release 10)

**ETSI TS 124 182 V10.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) Customized Alerting Tones (CAT); Protocol specification (3GPP TS 24.182 version 10.3.0 Release 10)

**ETSI TS 124 182 V8.7.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) Customized Alerting Tones (CAT); Protocol specification (3GPP TS 24.182 version 8.7.0 Release 8)

**ETSI TS 124 182 V9.8.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) Customized Alerting Tones (CAT); Protocol specification (3GPP TS 24.182 version 9.8.0 Release 9)

**ETSI TS 124 183 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) Customized Ringing Signal (CRS); Protocol specification (3GPP TS 24.183 version 10.1.0 Release 10)

**ETSI TS 124 183 V9.4.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) Customized Ringing Signal (CRS); Protocol specification (3GPP TS 24.183 version 9.4.0 Release 9)

**ETSI TS 124 229 V10.3.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 (3GPP TS 24.229 version 10.3.0 Release 10)

**ETSI TS 124 229 V6.26.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 (3GPP TS 24.229 version 6.26.0 Release 6)



**ETSI TS 124 229 V7.23.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 (3GPP TS 24.229 version 7.23.0 Release 7)

**ETSI TS 124 229 V8.15.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 (3GPP TS 24.229 version 8.15.0 Release 8)

**ETSI TS 124 229 V9.7.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 (3GPP TS 24.229 version 9.7.0 Release 9)

**ETSI TS 124 234 V10.2.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; 3GPP system to Wireless Local Area Network (WLAN) interworking; WLAN User Equipment (WLAN UE) to network protocols; Stage 3 (3GPP TS 24.234 version 10.2.0 Release 10)

**ETSI TS 124 235 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; 3GPP System to Wireless Local Area Network (WLAN) interworking Management Object (MO) (3GPP TS 24.235 version 10.1.0 Release 10)

**ETSI TS 124 237 V10.3.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) service continuity; Stage 3 (3GPP TS 24.237 version 10.3.0 Release 10)

**ETSI TS 124 237 V8.9.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) service continuity; Stage 3 (3GPP TS 24.237 version 8.9.0 Release 8)

**ETSI TS 124 237 V9.7.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) service continuity; Stage 3 (3GPP TS 24.237 version 9.7.0 Release 9)

**ETSI TS 124 247 V10.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Messaging service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 (3GPP TS 24.247 version 10.1.0 Release 10)

**ETSI TS 124 247 V8.7.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Messaging service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 (3GPP TS 24.247 version 8.7.0 Release 8)

**ETSI TS 124 247 V9.4.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Messaging service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 (3GPP TS 24.247 version 9.4.0 Release 9)

**ETSI TS 124 292 V10.4.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Core Network (CN) subsystem Centralized Services (ICS); Stage 3 (3GPP TS 24.292 version 10.4.0 Release 10)

**ETSI TS 124 292 V9.8.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Core Network (CN) subsystem Centralized Services (ICS); Stage 3 (3GPP TS 24.292 version 9.8.0 Release 9)

**ETSI TS 124 301 V10.3.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS); Stage 3 (3GPP TS 24.301 version 10.3.0 Release 10)

**ETSI TS 124 301 V8.10.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS); Stage 3 (3GPP TS 24.301 version 8.10.0 Release 8)

**ETSI TS 124 301 V9.7.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS); Stage 3 (3GPP TS 24.301 version 9.7.0 Release 9)

**ETSI TS 124 302 V10.4.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks; Stage 3 (3GPP TS 24.302 version 10.4.0 Release 10)

**ETSI TS 124 302 V8.9.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks; Stage 3 (3GPP TS 24.302 version 8.9.0 Release 8)

**ETSI TS 124 302 V9.6.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks; Stage 3 (3GPP TS 24.302 version 9.6.0 Release 9)

**ETSI TS 124 303 V10.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Mobility management based on Dual-Stack Mobile IPv6; Stage 3 (3GPP TS 24.303 version 10.3.0 Release 10)

**ETSI TS 124 312 V10.2.1 (2011-05)**

Universal Mobile Telecommunications System (UMTS); Access Network Discovery and Selection Function (ANDSF) Management Object (MO) (3GPP TS 24.312 version 10.2.1 Release 10)

**ETSI TS 124 312 V10.3.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Access Network Discovery and Selection Function (ANDSF) Management Object (MO) (3GPP TS 24.312 version 10.3.0 Release 10)

**ETSI TS 124 327 V10.2.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Mobility between 3GPP Wireless Local Area Network (WLAN) interworking (I-WLAN) and 3GPP systems; General Packet Radio System (GPRS) and 3GPP I-WLAN aspects; Stage 3 (3GPP TS 24.327 version 10.2.0 Release 10)

**ETSI TS 124 337 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) inter-UE transfer; Stage 3 (3GPP TS 24.337 version 10.1.0 Release 10)

**ETSI TS 124 368 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Non-Access Stratum (NAS) configuration Management Object (MO) (3GPP TS 24.368 version 10.1.0 Release 10)

**ETSI TS 124 628 V10.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Common Basic Communication procedures using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.628 version 10.3.0 Release 10)

**ETSI TS 124 628 V8.5.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Common Basic Communication procedures using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.628 version 8.5.0 Release 8)

**ETSI TS 124 628 V9.4.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Common Basic Communication procedures using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.628 version 9.4.0 Release 9)

**ETSI TS 124 642 V10.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Completion of Communications to Busy Subscriber (CCBS) and Completion of Communications by No Reply (CCNR) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol Specification (3GPP TS 24.642 version 10.3.0 Release 10)

**ETSI TS 124 642 V8.8.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Completion of Communications to Busy Subscriber (CCBS) and Completion of Communications by No Reply (CCNR) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol Specification (3GPP TS 24.642 version 8.8.0 Release 8)

**ETSI TS 124 642 V9.6.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Completion of Communications to Busy Subscriber (CCBS) and Completion of Communications by No Reply (CCNR) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol Specification (3GPP TS 24.642 version 9.6.0 Release 9)

**ETSI TS 124 647 V10.2.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Advice Of Charge (AOC) using IP Multimedia (IM) Core Network (CN) subsystem (3GPP TS 24.647 version 10.2.0 Release 10)

**ETSI TS 125 321 V10.2.0 (2011-05)**

Universal Mobile Telecommunications System (UMTS); Medium Access Control (MAC) protocol specification (3GPP TS 25.321 version 10.2.0 Release 10)

**ETSI TS 125 331 V10.3.1 (2011-05)**

Universal Mobile Telecommunications System (UMTS); Radio Resource Control (RRC); Protocol specification (3GPP TS 25.331 version 10.3.1 Release 10)

**ETSI TS 125 331 V7.19.0 (2011-05)**

Universal Mobile Telecommunications System (UMTS); Radio Resource Control (RRC); Protocol specification (3GPP TS 25.331 version 7.19.0 Release 7)

**ETSI TS 125 331 V8.14.0 (2011-05)**

Universal Mobile Telecommunications System (UMTS); Radio Resource Control (RRC); Protocol specification (3GPP TS 25.331 version 8.14.0 Release 8)

**ETSI TS 125 331 V9.6.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); Radio Resource Control (RRC); Protocol specification (3GPP TS 25.331 version 9.6.0 Release 9)

**ETSI TS 125 421 V9.0.1 (2011-05)**

Universal Mobile Telecommunications System (UMTS); UTRAN Iur interface layer 1 (3GPP TS 25.421 version 9.0.1 Release 9)

**ETSI TS 125 423 V10.2.0 (2011-05)**

Universal Mobile Telecommunications System (UMTS); UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling (3GPP TS 25.423 version 10.2.0 Release 10)

**ETSI TS 125 423 V9.6.0 (2011-05)**

Universal Mobile Telecommunications System (UMTS); UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling (3GPP TS 25.423 version 9.6.0 Release 9)

**ETSI TS 125 433 V10.2.0 (2011-05)**

Universal Mobile Telecommunications System (UMTS); UTRAN Iub interface Node B Application Part (NBAP) signalling (3GPP TS 25.433 version 10.2.0 Release 10)

**ETSI TS 125 433 V9.6.0 (2011-05)**

Universal Mobile Telecommunications System (UMTS); UTRAN Iub interface Node B Application Part (NBAP) signalling (3GPP TS 25.433 version 9.6.0 Release 9)

**ETSI TS 125 442 V9.0.1 (2011-05)**

Universal Mobile Telecommunications System (UMTS); UTRAN implementation-specific O&M transport (3GPP TS 25.442 version 9.0.1 Release 9)

**ETSI TS 125 460 V9.0.1 (2011-05)**

Universal Mobile Telecommunications System (UMTS); UTRAN Iuant interface: General aspects and principles (3GPP TS 25.460 version 9.0.1 Release 9)

**ETSI TS 126 131 V10.2.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Terminal acoustic characteristics for telephony; Requirements (3GPP TS 26.131 version 10.2.0 Release 10)

**ETSI TS 126 132 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Speech and video telephony terminal acoustic test specification (3GPP TS 26.132 version 10.1.0 Release 10)

**ETSI TS 126 233 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Transparent end-to-end Packet-switched Streaming service (PSS); General description (3GPP TS 26.233 version 10.1.0 Release 10)

**ETSI TS 126 233 V9.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Transparent end-to-end Packet-switched Streaming service (PSS); General description (3GPP TS 26.233 version 9.1.0 Release 9)

**ETSI TS 126 234 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Transparent end-to-end Packet-switched Streaming Service (PSS); Protocols and codecs (3GPP TS 26.234 version 10.1.0 Release 10)

**ETSI TS 126 237 V10.2.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) based Packet Switch Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) User Service; Protocols (3GPP TS 26.237 version 10.2.0 Release 10)

**ETSI TS 126 237 V9.6.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) based Packet Switch Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) User Service; Protocols (3GPP TS 26.237 version 9.6.0 Release 9)

**ETSI TS 126 244 V10.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Transparent end-to-end packet switched streaming service (PSS); 3GPP file format (3GPP TS 26.244 version 10.1.0 Release 10)

**ETSI TS 126 244 V9.4.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Transparent end-to-end packet switched streaming service (PSS); 3GPP file format (3GP) (3GPP TS 26.244 version 9.4.0 Release 9)

**ETSI TS 126 247 V10.0.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Transparent end-to-end Packet-switched Streaming Service (PSS); Progressive Download and Dynamic Adaptive Streaming over HTTP (3GP-DASH) (3GPP TS 26.247 version 10.0.0 Release 10)

**ETSI TS 126 346 V9.4.1 (2011-05)**

Universal Mobile Telecommunications System (UMTS); Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs (3GPP TS 26.346 version 9.4.1 Release 9)

**ETSI TS 127 007 V10.4.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; AT command set for User Equipment (UE) (3GPP TS 27.007 version 10.4.0 Release 10)

**ETSI TS 127 007 V8.14.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; AT command set for User Equipment (UE) (3GPP TS 27.007 version 8.14.0 Release 8)

**ETSI TS 127 007 V9.7.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; AT command set for User Equipment (UE) (3GPP TS 27.007 version 9.7.0 Release 9)

**ETSI TS 129 010 V10.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Information element mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MSC); Signalling Procedures and the Mobile Application Part (MAP) (3GPP TS 29.010 version 10.1.0 Release 10)

**ETSI TS 129 010 V9.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Information element mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MSC); Signalling Procedures and the Mobile Application Part (MAP) (3GPP TS 29.010 version 9.3.0 Release 9)

**ETSI TS 129 018 V10.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification (3GPP TS 29.018 version 10.3.0 Release 10)

**ETSI TS 129 060 V10.2.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 10.2.0 Release 10)

**ETSI TS 129 060 V7.16.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 7.16.0 Release 7)

**ETSI TS 129 060 V8.14.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 8.14.0 Release 8)

**ETSI TS 129 060 V9.7.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 9.7.0 Release 9)

**ETSI TS 129 061 V10.2.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 10.2.0 Release 10)

**ETSI TS 129 061 V10.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 10.3.0 Release 10)

**ETSI TS 129 061 V8.7.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 8.7.0 Release 8)

**ETSI TS 129 061 V9.5.1 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 9.5.1 Release 9)

**ETSI TS 129 061 V9.6.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 9.6.0 Release 9)

**ETSI TS 129 079 V10.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Optimal media routing within the IP Multimedia Subsystem (IMS); Stage 3 (3GPP TS 29.079 version 10.1.0 Release 10)

**ETSI TS 129 118 V10.4.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Mobility Management Entity (MME) - Visitor Location Register (VLR) SGs interface specification (3GPP TS 29.118 version 10.4.0 Release 10)

**ETSI TS 129 118 V9.5.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Mobility Management Entity (MME) - Visitor Location Register (VLR) SGs interface specification (3GPP TS 29.118 version 9.5.0 Release 9)

**ETSI TS 129 162 V10.2.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the IM CN subsystem and IP networks (3GPP TS 29.162 version 10.2.0 Release 10)

**ETSI TS 129 162 V8.5.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the IM CN subsystem and IP networks (3GPP TS 29.162 version 8.5.0 Release 8)

**ETSI TS 129 162 V9.7.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the IM CN subsystem and IP networks (3GPP TS 29.162 version 9.7.0 Release 9)

**ETSI TS 129 163 V10.2.1 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 10.2.1 Release 10)

**ETSI TS 129 163 V7.23.1 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 7.23.1 Release 7)

**ETSI TS 129 163 V8.15.1 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 8.15.1 Release 8)

**ETSI TS 129 163 V9.6.1 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 9.6.1 Release 9)

**ETSI TS 129 165 V10.4.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 10.4.0 Release 10)

**ETSI TS 129 165 V8.9.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 8.9.0 Release 8)

**ETSI TS 129 165 V9.7.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 9.7.0 Release 9)

**ETSI TS 129 171 V10.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Location Services (LCS); LCS Application Protocol (LCS-AP) between the Mobile Management Entity (MME) and Evolved Serving Mobile Location Centre (E-SMLC); SLs interface (3GPP TS 29.171 version 10.3.0 Release 10)

**ETSI TS 129 171 V9.4.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Location Services (LCS); LCS Application Protocol (LCS-AP) between the Mobile Management Entity (MME) and Evolved Serving Mobile Location Centre (E-SMLC); SLs interface (3GPP TS 29.171 version 9.4.0 Release 9)

**ETSI TS 129 199-3 V9.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Open Service Access (OSA); Parlay X web services; Part 3: Call notification (3GPP TS 29.199-03 version 9.1.0 Release 9)

**ETSI TS 129 202 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); Signalling System No. 7 (SS7) signalling transport in core network; Stage 3 (3GPP TS 29.202 version 10.1.0 Release 10)

**ETSI TS 129 205 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); Application of Q.1900 series to bearer independent Circuit Switched (CS) core network architecture; Stage 3 (3GPP TS 29.205 version 10.1.0 Release 10)

**ETSI TS 129 212 V10.3.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control over Gx reference point (3GPP TS 29.212 version 10.3.0 Release 10)

**ETSI TS 129 212 V8.12.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control over Gx reference point (3GPP TS 29.212 version 8.12.0 Release 8)

**ETSI TS 129 212 V9.7.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control over Gx reference point (3GPP TS 29.212 version 9.7.0 Release 9)

**ETSI TS 129 213 V10.2.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 10.2.0 Release 10)

**ETSI TS 129 214 V10.3.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control over Rx reference point (3GPP TS 29.214 version 10.3.0 Release 10)

**ETSI TS 129 214 V9.7.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control over Rx reference point (3GPP TS 29.214 version 9.7.0 Release 9)

**ETSI TS 129 215 V10.2.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and Charging Control (PCC) over S9 reference point; Stage 3 (3GPP TS 29.215 version 10.2.0 Release 10)

**ETSI TS 129 215 V8.10.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and Charging Control (PCC) over S9 reference point; Stage 3 (3GPP TS 29.215 version 8.10.0 Release 8)

**ETSI TS 129 215 V9.7.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and Charging Control (PCC) over S9 reference point; Stage 3 (3GPP TS 29.215 version 9.7.0 Release 9)

**ETSI TS 129 228 V10.2.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents (3GPP TS 29.228 version 10.2.0 Release 10)

**ETSI TS 129 228 V7.16.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents (3GPP TS 29.228 version 7.16.0 Release 7)

**ETSI TS 129 228 V8.13.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents (3GPP TS 29.228 version 8.13.0 Release 8)

**ETSI TS 129 228 V9.6.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents (3GPP TS 29.228 version 9.6.0 Release 9)

**ETSI TS 129 229 V10.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Cx and Dx interfaces based on the Diameter protocol; Protocol details (3GPP TS 29.229 version 10.1.0 Release 10)

**ETSI TS 129 229 V7.11.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Cx and Dx interfaces based on the Diameter protocol; Protocol details (3GPP TS 29.229 version 7.11.0 Release 7)

**ETSI TS 129 229 V8.12.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Cx and Dx interfaces based on the Diameter protocol; Protocol details (3GPP TS 29.229 version 8.12.0 Release 8)

**ETSI TS 129 229 V9.4.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Cx and Dx interfaces based on the Diameter protocol; Protocol details (3GPP TS 29.229 version 9.4.0 Release 9)

**ETSI TS 129 230 V10.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Diameter applications; 3GPP specific codes and identifiers (3GPP TS 29.230 version 10.3.0 Release 10)

**ETSI TS 129 230 V7.15.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Diameter applications; 3GPP specific codes and identifiers (3GPP TS 29.230 version 7.15.0 Release 7)

**ETSI TS 129 230 V8.11.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Diameter applications; 3GPP specific codes and identifiers (3GPP TS 29.230 version 8.11.0 Release 8)

**ETSI TS 129 230 V9.7.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Diameter applications; 3GPP specific codes and identifiers (3GPP TS 29.230 version 9.7.0 Release 9)

**ETSI TS 129 232 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3 (3GPP TS 29.232 version 10.1.0 Release 10)

**ETSI TS 129 234 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; 3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3 (3GPP TS 29.234 version 10.1.0 Release 10)

**ETSI TS 129 234 V6.16.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; 3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3 (3GPP TS 29.234 version 6.16.0 Release 6)

**ETSI TS 129 234 V7.13.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; 3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3 (3GPP TS 29.234 version 7.13.0 Release 7)

**ETSI TS 129 234 V8.4.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; 3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3 (3GPP TS 29.234 version 8.4.0 Release 8)

**ETSI TS 129 234 V9.2.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; 3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3 (3GPP TS 29.234 version 9.2.0 Release 9)

**ETSI TS 129 238 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Interconnection Border Control Functions (IBCF) - Transition Gateway (TrGW) interface, Ix interface; Stage 3 (3GPP TS 29.238 version 10.1.0 Release 10)

**ETSI TS 129 272 V10.3.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Evolved Packet System (EPS); Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) related interfaces based on Diameter protocol (3GPP TS 29.272 version 10.3.0 Release 10)

**ETSI TS 129 272 V8.11.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Evolved Packet System (EPS); Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) related interfaces based on Diameter protocol (3GPP TS 29.272 version 8.11.0 Release 8)

**ETSI TS 129 272 V9.7.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Evolved Packet System (EPS); Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) related interfaces based on Diameter protocol (3GPP TS 29.272 version 9.7.0 Release 9)

**ETSI TS 129 273 V10.3.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Evolved Packet System (EPS); 3GPP EPS AAA interfaces (3GPP TS 29.273 version 10.3.0 Release 10)

**ETSI TS 129 273 V8.8.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Evolved Packet System (EPS); 3GPP EPS AAA interfaces (3GPP TS 29.273 version 8.8.0 Release 8)

**ETSI TS 129 273 V9.7.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Evolved Packet System (EPS); 3GPP EPS AAA interfaces (3GPP TS 29.273 version 9.7.0 Release 9)

**ETSI TS 129 274 V10.3.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; 3GPP Evolved Packet System (EPS); Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C); Stage 3 (3GPP TS 29.274 version 10.3.0 Release 10)

**ETSI TS 129 274 V8.10.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; 3GPP Evolved Packet System (EPS); Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C); Stage 3 (3GPP TS 29.274 version 8.10.0 Release 8)

**ETSI TS 129 274 V9.7.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; 3GPP Evolved Packet System (EPS); Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C); Stage 3 (3GPP TS 29.274 version 9.7.0 Release 9)

**ETSI TS 129 275 V10.2.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Proxy Mobile IPv6 (PMIPv6) based Mobility and Tunnelling protocols; Stage 3 (3GPP TS 29.275 version 10.2.0 Release 10)

**ETSI TS 129 275 V9.5.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Proxy Mobile IPv6 (PMIPv6) based Mobility and Tunnelling protocols; Stage 3 (3GPP TS 29.275 version 9.5.0 Release 9)

**ETSI TS 129 276 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; 3GPP Evolved Packet System (EPS); Optimized handover procedures and protocols between E-UTRAN access and cdma2000 HRPD Access; Stage 3 (3GPP TS 29.276 version 10.1.0 Release 10)

**ETSI TS 129 276 V8.7.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; 3GPP Evolved Packet System (EPS); Optimized handover procedures and protocols between E-UTRAN access and cdma2000 HRPD Access; Stage 3 (3GPP TS 29.276 version 8.7.0 Release 8)

**ETSI TS 129 276 V9.5.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; 3GPP Evolved Packet System (EPS); Optimized handover procedures and protocols between E-UTRAN access and cdma2000 HRPD Access; Stage 3 (3GPP TS 29.276 version 9.5.0 Release 9)

**ETSI TS 129 280 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Evolved Packet System (EPS); 3GPP Sv interface (MME to MSC, and SGSN to MSC) for SRVCC (3GPP TS 29.280 version 10.1.0 Release 10)

**ETSI TS 129 280 V8.7.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Evolved Packet System (EPS); 3GPP Sv interface (MME to MSC, and SGSN to MSC) for SRVCC (3GPP TS 29.280 version 8.7.0 Release 8)

**ETSI TS 129 280 V9.7.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Evolved Packet System (EPS); 3GPP Sv interface (MME to MSC, and SGSN to MSC) for SRVCC (3GPP TS 29.280 version 9.7.0 Release 9)

**ETSI TS 129 281 V10.2.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; General Packet Radio System (GPRS) Tunnelling Protocol User Plane (GTPv1-U) (3GPP TS 29.281 version 10.2.0 Release 10)

**ETSI TS 129 282 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Mobile IPv6 vendor specific option format and usage within 3GPP (3GPP TS 29.282 version 10.1.0 Release 10)

**ETSI TS 129 292 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the IP Multimedia (IM) Core Network (CN) subsystem (IMS) and MSC Server for IMS Centralized Services (ICS) (3GPP TS 29.292 version 10.1.0 Release 10)

**ETSI TS 129 292 V8.5.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the IP Multimedia (IM) Core Network (CN) subsystem (IMS) and MSC Server for IMS Centralized Services (ICS) (3GPP TS 29.292 version 8.5.0 Release 8)

**ETSI TS 129 292 V9.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the IP Multimedia (IM) Core Network (CN) subsystem (IMS) and MSC Server for IMS Centralized Services (ICS) (3GPP TS 29.292 version 9.1.0 Release 9)

**ETSI TS 129 303 V9.4.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Domain Name System Procedures; Stage 3 (3GPP TS 29.303 version 9.4.0 Release 9)

**ETSI TS 129 305 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; InterWorking Function (IWF) between MAP based and Diameter based interfaces (3GPP TS 29.305 version 10.1.0 Release 10)

**ETSI TS 129 328 V10.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Sh interface; Signalling flows and message contents (3GPP TS 29.328 version 10.3.0 Release 10)

**ETSI TS 129 328 V8.13.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Sh interface; Signalling flows and message contents (3GPP TS 29.328 version 8.13.0 Release 8)

**ETSI TS 129 328 V9.6.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Sh interface; Signalling flows and message contents (3GPP TS 29.328 version 9.6.0 Release 9)

**ETSI TS 129 329 V10.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Sh interface based on the Diameter protocol; Protocol details (3GPP TS 29.329 version 10.3.0 Release 10)

**ETSI TS 129 332 V10.0.0 (2011-05)**

Universal Mobile Telecommunications System (UMTS); Media Gateway Control Function (MGCF) - IM Media Gateway; Mn interface (3GPP TS 29.332 version 10.0.0 Release 10)

**ETSI TS 129 332 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); Media Gateway Control Function (MGCF) - IM Media Gateway; Mn interface (3GPP TS 29.332 version 10.1.0 Release 10)

**ETSI TS 129 332 V8.10.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); Media Gateway Control Function (MGCF) - IM Media Gateway; Mn interface (3GPP TS 29.332 version 8.10.0 Release 8)

**ETSI TS 129 332 V9.3.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); Media Gateway Control Function (MGCF) - IM Media Gateway; Mn interface (3GPP TS 29.332 version 9.3.0 Release 9)

**ETSI TS 129 333 V10.0.0 (2011-05)**

Universal Mobile Telecommunications System (UMTS); Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3 (3GPP TS 29.333 version 10.0.0 Release 10)

**ETSI TS 129 333 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3 (3GPP TS 29.333 version 10.1.0 Release 10)

**ETSI TS 129 334 V10.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IMS Application Level Gateway (IMS-ALG) - IMS Access Gateway (IMS-AGW); Iq Interface; Stage 3 (3GPP TS 29.334 version 10.1.0 Release 10)

**ETSI TS 129 335 V10.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; User Data Convergence (UDC); User data repository access protocol over the Ud interface; Stage 3 (3GPP TS 29.335 version 10.1.0 Release 10)

**ETSI TS 129 335 V9.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; User Data Convergence (UDC); User data repository access protocol over the Ud interface; Stage 3 (3GPP TS 29.335 version 9.3.0 Release 9)

**ETSI TS 131 124 V10.0.0 (2011-05)**

Universal Mobile Telecommunications System (UMTS); LTE; Mobile Equipment (ME) conformance test specification; Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification (3GPP TS 31.124 version 10.0.0 Release 10)

**ETSI TS 131 124 V9.5.0 (2011-05)**

Universal Mobile Telecommunications System (UMTS); LTE; Mobile Equipment (ME) conformance test specification; Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification (3GPP TS 31.124 version 9.5.0 Release 9)

**ETSI TS 132 111-2 V10.2.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.111-2 version 10.2.0 Release 10)

**ETSI TS 132 111-6 V10.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Fault Management; Part 6: Alarm Integration Reference Point (IRP): Solution Set (SS) definitions (3GPP TS 32.111-6 version 10.3.0 Release 10)

**ETSI TS 132 250 V10.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Circuit Switched (CS) domain charging (3GPP TS 32.250 version 10.1.0 Release 10)

**ETSI TS 132 251 V10.5.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Packet Switched (PS) domain charging (3GPP TS 32.251 version 10.5.0 Release 10)

**ETSI TS 132 251 V9.6.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Packet Switched (PS) domain charging (3GPP TS 32.251 version 9.6.0 Release 9)

**ETSI TS 132 260 V10.4.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 10.4.0 Release 10)

**ETSI TS 132 260 V8.13.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 8.13.0 Release 8)

**ETSI TS 132 260 V9.8.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 9.8.0 Release 9)

**ETSI TS 132 298 V10.5.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 10.5.0 Release 10)

**ETSI TS 132 298 V9.8.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 9.8.0 Release 9)

**ETSI TS 132 299 V10.2.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Diameter charging applications (3GPP TS 32.299 version 10.2.0 Release 10)

**ETSI TS 132 299 V9.8.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Diameter charging applications (3GPP TS 32.299 version 9.8.0 Release 9)

**ETSI TS 132 317 V9.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Generic Integration Reference Point (IRP) management; SOAP Solution Set (SS) (3GPP TS 32.317 version 9.1.0 Release 9)

**ETSI TS 132 401 V10.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Performance Management (PM); Concept and requirements (3GPP TS 32.401 version 10.1.0 Release 10)

**ETSI TS 132 407 V10.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Performance Management (PM); Performance measurements;

**ETSI TS 132 422 V10.4.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Subscriber and equipment trace; Trace control and configuration management (3GPP TS 32.422 version 10.4.0 Release 10)

**ETSI TS 132 423 V10.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Subscriber and equipment trace; Trace data definition and management (3GPP TS 32.423 version 10.3.0 Release 10)

**ETSI TS 132 425 V10.5.0 (2011-06)**

Telecommunication management; Performance Management (PM); Performance measurements Evolved Universal Terrestrial Radio Access Network (E-UTRAN) (3GPP TS 32.425 version 10.5.0 Release 10)

**ETSI TS 132 425 V8.6.0 (2011-06)**

Telecommunication management; Performance Management (PM); Performance measurements Evolved Universal Terrestrial Radio Access Network (E-UTRAN) (3GPP TS 32.425 version 8.6.0 Release 8)

**ETSI TS 132 425 V9.7.0 (2011-06)**

Telecommunication management; Performance Management (PM); Performance measurements Evolved Universal Terrestrial Radio Access Network (E-UTRAN) (3GPP TS 32.425 version 9.7.0 Release 9)

**ETSI TS 132 442 V10.2.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Trace Management Integration Reference Point (IRP); Information Service (IS) (3GPP TS 32.442 version 10.2.0 Release 10)

**ETSI TS 132 450 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Key Performance Indicators (KPI) for Evolved Universal Terrestrial Radio Access Network (E-UTRAN): Definitions (3GPP TS 32.450 version 10.1.0 Release 10)

**ETSI TS 132 522 V10.2.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) (3GPP TS 32.522 version 10.2.0 Release 10)

**ETSI TS 132 526 V10.2.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Self-Organizing Networks (SON); Policy Network Resource Model (NRM) Integration Reference Point (IRP);

**ETSI TS 132 581 V10.2.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Concepts and requirements for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.581 version 10.2.0 Release 10)

**ETSI TS 132 581 V9.3.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Concepts and requirements for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.581 version 9.3.0 Release 9)

**ETSI TS 132 582 V9.3.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Information model for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.582 version 9.3.0 Release 9)

**ETSI TS 132 583 V9.3.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Procedure flows for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.583 version 9.3.0 Release 9)

**ETSI TS 132 584 V10.1.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); Telecommunication management; Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P); XML definitions for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.584 version 10.1.0 Release 10)

**ETSI TS 132 584 V9.3.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); Telecommunication management; Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P); XML definitions for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.584 version 9.3.0 Release 9)

**ETSI TS 132 591 V10.2.0 (2011-06)**

Telecommunication management; Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Concepts and requirements for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.591 version 10.2.0 Release 10)

**ETSI TS 132 592 V10.4.0 (2011-06)**

Telecommunication management; Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Information model for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.592 version 10.4.0 Release 10)

**ETSI TS 132 592 V9.2.0 (2011-06)**

Telecommunication management; Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Information model for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.592 version 9.2.0 Release 9)

**ETSI TS 132 593 V10.1.0 (2011-06)**

Telecommunication management; Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Procedure flows for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.593 version 10.1.0 Release 10)

**ETSI TS 132 652 V10.2.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP); Network Resource Model (NRM) (3GPP TS 32.652 version 10.2.0 Release 10)

**ETSI TS 132 692 V10.1.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Inventory Management (IM) network resources Integration Reference Point (IRP); Network Resource Model (NRM) (3GPP TS 32.692 version 10.1.0 Release 10)

**ETSI TS 132 696 V10.2.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 32.696 version 10.2.0 Release 10)

**ETSI TS 132 762 V10.4.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) (3GPP TS 32.762 version 10.4.0 Release 10)

**ETSI TS 132 766 V10.4.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 32.766 version 10.4.0 Release 10)

**ETSI TS 133 107 V10.4.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; 3G security; Lawful interception architecture and functions (3GPP TS 33.107 version 10.4.0 Release 10)

**ETSI TS 133 108 V10.4.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; 3G security; Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 10.4.0 Release 10)

**ETSI TS 133 210 V10.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; 3G security; Network Domain Security (NDS); IP network layer security (3GPP TS 33.210 version 10.3.0 Release 10)



**ETSI TS 136 101 V10.2.1 (2011-05)**

Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 10.2.1 Release 10)

**ETSI TS 136 101 V10.3.0 (2011-06)**

Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 10.3.0 Release 10)

**ETSI TS 136 101 V8.13.1 (2011-05)**

Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 8.13.1 Release 8)

**ETSI TS 136 101 V8.14.0 (2011-06)**

Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 8.14.0 Release 8)

**ETSI TS 136 101 V9.7.1 (2011-05)**

Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 9.7.1 Release 9)

**ETSI TS 136 101 V9.8.0 (2011-06)**

Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 9.8.0 Release 9)

**ETSI TS 136 104 V10.3.0 (2011-06)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 10.3.0 Release 10)

**ETSI TS 136 104 V8.12.0 (2011-06)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 8.12.0 Release 8)

**ETSI TS 136 104 V9.8.0 (2011-06)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 9.8.0 Release 9)

**ETSI TS 136 113 V10.3.0 (2011-06)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) and repeater ElectroMagnetic Compatibility (EMC) (3GPP TS 36.113 version 10.3.0 Release 10)

**ETSI TS 136 124 V10.2.0 (2011-06)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.124 version 10.2.0 Release 10)

**ETSI TS 136 133 V10.2.0 (2011-05)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 10.2.0 Release 10)

**ETSI TS 136 133 V10.3.0 (2011-06)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 10.3.0 Release 10)

**ETSI TS 136 133 V8.13.0 (2011-05)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 8.13.0 Release 8)

**ETSI TS 136 133 V8.14.0 (2011-06)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 8.14.0 Release 8)

**ETSI TS 136 133 V9.7.0 (2011-05)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 9.7.0 Release 9)

**ETSI TS 136 133 V9.8.0 (2011-06)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 9.8.0 Release 9)

**ETSI TS 136 141 V10.2.0 (2011-05)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 10.2.0 Release 10)

**ETSI TS 136 141 V8.10.0 (2011-05)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 8.10.0 Release 8)

**ETSI TS 136 143 V10.1.0 (2011-05)**

Evolved Universal Terrestrial Radio Access (E-UTRA); FDD repeater conformance testing (3GPP TS 36.143 version 10.1.0 Release 10)

**ETSI TS 136 171 V10.1.0 (2011-05)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for Support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 36.171 version 10.1.0 Release 10)

**ETSI TS 136 171 V9.2.0 (2011-05)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for Support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 36.171 version 9.2.0 Release 9)

**ETSI TS 136 211 V10.2.0 (2011-06)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation (3GPP TS 36.211 version 10.2.0 Release 10)

**ETSI TS 136 212 V10.2.0 (2011-06)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Multiplexing and channel coding (3GPP TS 36.212 version 10.2.0 Release 10)

**ETSI TS 136 213 V10.2.0 (2011-06)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures (3GPP TS 36.213 version 10.2.0 Release 10)

**ETSI TS 136 216 V10.3.0 (2011-06)**

Universal Mobile Telecommunications System (UMTS); LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer for relaying operation (3GPP TS 36.216 version 10.3.0 Release 10)

**ETSI TS 136 307 V10.1.0 (2011-06)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 10.1.0 Release 10)

**ETSI TS 136 307 V8.3.0 (2011-06)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 8.3.0 Release 8)

**ETSI TS 136 307 V9.3.0 (2011-06)**

Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 9.3.0 Release 9)

**ETSI TS 137 104 V10.2.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 10.2.0 Release 10)

**ETSI TS 137 104 V10.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 10.3.0 Release 10)

**ETSI TS 137 104 V9.5.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 9.5.0 Release 9)

**ETSI TS 137 113 V10.2.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic Compatibility (EMC) (3GPP TS 37.113 version 10.2.0 Release 10)

**ETSI TS 137 141 V10.2.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 10.2.0 Release 10)

**ETSI TS 137 141 V10.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 10.3.0 Release 10)

**ETSI TS 137 141 V9.4.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 9.4.0 Release 9)

**ETSI TS 141 101 V9.0.2 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Technical Specifications and Technical Reports for a GERAN-based 3GPP system (3GPP TS 41.101 version 9.0.2 Release 9)

**ETSI TS 143 064 V10.0.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2 (3GPP TS 43.064 version 10.0.0 Release 10)

**ETSI TS 143 068 V10.0.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Voice Group Call Service (VGCS); Stage 2 (3GPP TS 43.068 version 10.0.0 Release 10)

**ETSI TS 144 031 V10.0.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP) (3GPP TS 44.031 version 10.0.0 Release 10)

**ETSI TS 144 068 V10.0.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Group Call Control (GCC) protocol (3GPP TS 44.068 version 10.0.0 Release 10)

**ETSI TS 144 318 V10.0.0 (2011-05)**

Digital cellular telecommunications system (Phase 2+); Generic Access Network (GAN); Mobile GAN interface layer 3 specification (3GPP TS 44.318 version 10.0.0 Release 10)

**ETSI TS 151 010-2 V9.6.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification (3GPP TS 51.010-2 version 9.6.0 Release 9)

**ETSI TS 151 010-5 V9.6.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification; Part 5: Inter-Radio-Access-Technology (RAT) (GERAN / UTRAN) interaction Abstract Test Suite (ATS) (3GPP TS 51.010-5 version 9.6.0 Release 9)

**ETSI TS 151 010-7 V9.3.0 (2011-06)**

Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification; Part 7: Location Services (LCS) test scenarios and assistance data (3GPP TS 51.010-7 version 9.3.0 Release 9)

**ETSI TS 182 019 V3.1.1 (2011-06)**

Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Content Delivery Network (CDN) Architecture

**ETSI TS 186 011-1 V3.1.1 (2011-06)**

Network Testing (INT); IMS NNI Interoperability Test Specifications; Part 1: Test Purposes for IMS NNI Interoperability

**ETSI TS 186 011-2 V3.1.1 (2011-06)**

Network Testing (INT); IMS NNI Interoperability Test Specifications; Part 2: Test Description for IMS NNI Interoperability

**ETSI TS 186 011-3 V3.1.1 (2011-06)**

Network Testing (INT); IMS NNI Interoperability Test Specifications; Part 3: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT)

**ETSI TS 186 025-2 V2.2.1 (2011-06)**

Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); IMS/PES Performance Benchmark; Part 2: Subsystem Configurations and Benchmarks

Parengė **Lyda Mažeikienė**

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**Departamentas** formuoja ir dalyvauja įgyvendinant kartu su suinteresuotomis Lietuvos Respublikos Vyriausybės institucijomis, įmonėmis, įstaigomis ir organizacijomis Lietuvos Respublikos Vyriausybės politiką standartizacijos srityje.

**Departamentas** koordinuoja visų veiklos sričių standartizacijos darbus ir metodiškai jiems vadovauja.

**Departamentas** sudaro technikos komitetus (TK) Lietuvos standartų projektams rengti.

**Departamentas** atlieka Pasaulinės prekybos organizacijos *Sutarties dėl techninių prekybos kliūčių* nacionalinės užklausų tarnybos funkcijas.

**Departamentas** dalyvauja Lietuvos, Latvijos ir Estijos nacionalinių standartizacijos institucijų **Baltijos standartizacijos forume** nuo 1999 m.

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Tarptautinėje standartizacijos organizacijoje (ISO) – narys nuo 2008 m.;

Tarptautinėje elektrotechnikos komisijoje (IEC) – asocijuotasis narys nuo 1996 m.;

Europos standartizacijos komitete (CEN) – narys nuo 2003 m.;

Europos elektrotechnikos standartizacijos komitete (CENELEC) – narys nuo 2003 m.;

Europos telekomunikacijų standartų institute (ETSI) – narys nuo 1996 m.