

Annexure 1**ICT/LITD**

The following Draft Indian Standards were issued by Electro-Technical division council at BIS during the last quarter for eliciting technical comment:

Electro-technical Department (ETD)			
Sl No	Document No	Title of the Doc	IEC/ISO
1	ETD 13 (11300)	ac STATIC WATTHOUR METERS CLASS 1 AND 2-Specefication	IEC TC-13 (P); IEC TC-13 (P)
2	ETD 11 (13836)	Secondary Cells and Batteries for Solar Photovoltaic Application — General Requirements and Methods of Test Amendment - 1	IEC TC-21 (O); IEC TC- SC-21A (P)
3	ETD 11 (14156)	SECONDARY CELLS AND BATTERIES FOR RENEWABLE ENERGY STORAGE GENERAL REQUIREMENTS AND METHODS OF TEST Part 1: Photovoltaic Off-grid Application	IEC TC-21 (O); IEC TC- SC-21A (P)
4	ETD 30 (14282)	Surge Arresters - Part 5 : Selection and Application Recommendations	--
5	ETD 37 (14357)	Code of Practice for Design Installation and Maintenance for Overhead Power Lines - Part 3 : 400 kV and 765 kV Lines - Section 1 : Design	IEC TC-7 (P); IEC TC-11 (P):
6	ETD 37 (14358)	Code of Practice for Design Installation and Maintenance of Overhead Power Lines - Part 3 : 400 kV and 765 kV Lines - Section 2 : Installation and Maintenance	IEC TC-7 (P); IEC TC-11 (P):
7	ETD 1 (14395)	Electro-technical Vocabulary - Part 72 : Mathematics Functions Second Revision	IEC TC- (O); IEC TC- (P); IEC TC- 3C SC- 3C (O);
8	ETD 1 (14396)	Electro-technical Vocabulary Part 73 : Physics for Electro-technology Second Revision	IEC TC- (O); IEC TC- (P); IEC TC- 3C SC- 3C (O);

9	ETD 1 (14397)	Electro-technical Vocabulary Part 75 : Control Technology Second Revision	IEC TC- (O); IEC TC- (P); IEC TC- 3C SC- 3C (O);
10	ETD 1 (14400)	Basic and safety principles for man-machine interface marking and identification - Coding principles for indicators and actuators	IEC TC- (O); IEC TC- (P); IEC TC- 3C SC- 3C (O);
11	ETD 1 (14401)	Basic and safety principles for man-machine interface marking and identification - Identification of equipment terminals conductor terminations and conductors	IEC TC- (O); IEC TC- (P); IEC TC- 3C SC- 3C (O);
12	ETD 1 (14402)	Basic and safety principles for man-machine interface marking and identification - Actuating principles	IEC TC- (O); IEC TC- (P); IEC TC- 3C SC- 3C (O);
13	ETD 42 (14438)	Wind Energy Generation System Part - 1 : Design Requirements	IEC TC- 88 (P)
14	ETD 42 (14441)	Wind Turbines Part 27Sec 1 : Electrical Simulation models Wind Turbines	IEC TC- 88 (P)
15	ETD 13 (14453)	Data Exchange for Electricit Meter - Reading Tariff and Load Control - Companion Specification Part 1 Static Energy Meter Amendment - 5	IEC TC-13 (P)
16	ETD 11 (13836)	Secondary Cells and Batteries for Solar Photovoltaic Application — General Requirements and Methods of Test Amendment - 1	IEC TC-21 (O); IEC TC- SC-21A (P)
17	ETD 37 (14035)	Aluminium Conductors For Overhead Transmission Purposes Part 6: High conductivity aluminium alloy stranded conductors	IEC TC-7 (P); IEC TC-11 (P):
18	ETD 11 (14156)	SECONDARY CELLS AND BATTERIES FOR RENEWABLE ENERGY STORAGE GENERAL REQUIREMENTS AND METHODS OF TEST Part 1: Photovoltaic Off-grid Application	IEC TC-21 (O); IEC TC- SC-21A (P)
19	ETD 37 (14358)	Code of Practice for Design Installation and Maintenance of Overhead Power Lines - Part 3 : 400 kV and 765 kV Lines - Section 2 : Installation and Maintenance	IEC TC-7 (P); IEC TC-11 (P):

20	ETD 1 (14395)	Electrotechnical Vocabulary - Part 72 : Mathematics Functions Second Revision	IEC TC- (O); IEC TC- (P); IEC TC- 3C SC- 3C (O);
21	ETD 1 (14396)	Electrotechnical Vocabulary Part 73 : Physics for Electrotechnology Second Revision	IEC TC- (O); IEC TC- (P); IEC TC- 3C SC- 3C (O);
22	ETD 1 (14397)	Electrotechnical Vocabulary Part 75 : Control Technology Second Revision	IEC TC- (O); IEC TC- (P); IEC TC- 3C SC- 3C (O);
23	ETD 1 (14400)	Basic and safety principles for man-machine interface marking and identification - Coding principles for indicators and actuators	IEC TC- (O); IEC TC- (P); IEC TC- 3C SC- 3C (O);
24	ETD 1 (14401)	Basic and safety principles for man-machine interface marking and identification - Identification of equipment terminals conductor terminations and conductors	IEC TC- (O); IEC TC- (P); IEC TC- 3C SC- 3C (O);
25	ETD 1 (14402)	Basic and safety principles for man-machine interface marking and identification - Actuating principles	IEC TC- (O); IEC TC- (P); IEC TC- 3C SC- 3C (O);
26	ETD 16 (14436)	DRAFT AMENDMENT NO. 4 TO IS 1180 (PART 1) : 2014 OUTDOOR/INDOOR TYPE OIL IMMERSED DISTRIBUTION TRANSFORMERS UPTO AND INCLUDING 2 500 kVA, 33kV – SPECIFICATION (Fourth Revision)	IEC TC- 14 (P); IEC TC- 96 (P)
27	ETD 42 (14438)	Wind Energy Generation System Part - 1 : Design Requirements	IEC TC- 88 (P)
28	ETD 42 (14439)	Wind Turbines Part 14: Declaration of Apparent Sound Power Level and Tonality values	IEC TC- 88 (P)

29	ETD 42 (14441)	Wind Turbines Part 27Sec 1 : Electrical Simulation models Wind Turbines	IEC TC- 88 (P)
30	ETD 16 (14462)	GUIDELINES FOR REPAIR OF DISTRIBUTION TRANSFORMERS	IEC TC- 14 (P); IEC TC- 96 (P)
31	ETD 11 (14501)	Amendment no. 1 to Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes " Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems (Second Revision)	IEC TC-21 (O); IEC TC- SC-21A (P)
32	ETD 11 (14502)	Amendment no. 1 to Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes " Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems (Second Revision)	IEC TC-21 (O); IEC TC- SC-21A (P)
33	ETD 16 (1513)	Distribution transformers: Part 2 use with ester oils	IEC TC- 14 (P); IEC TC- 96 (P)
34	ETD 3 (14516)	Specification of Technical Grade Sulphur Hexafluoride SF6 for Use in Electrical Equipment purposes	IEC TC- (P)
35	ETD 15 (14521)	Single-phase a.c. industrial motors for general purpose Amendment - 4	IEC TC- (P); ISO TC-43 SC-1 (O)
36	ETD 40 (14528)	Electromagnetic performance of high voltage direct current HVDC overhead transmission lines	IEC TC- 22F SC- 22F (P)
37	ETD 40 (14529)	HVDC installations Guidelines on asset management	IEC TC- 22F SC- 22F (P)

38	ETD 40 (14530)	Guidelines for operation and maintenance of line commutated converter LCC HVDC converter station	IEC TC- 22F SC- 22F (P)
39	ETD 35 (14579)	Electromechanical Elementary Relays - Part 3: Relays with Forcibly Guided (Mechanically linked) Contacts	IEC TC- (O); IEC TC- (P)
40	ETD 35 (14580)	Reed Switches - Part 1-1: Generic specification - Blank detail specification (First Revision)	IEC TC- (O); IEC TC- (P)
41	ETD 35 (14586)	Measuring Relays and Protection Equipment Part 27 Product Safety Requirements (First Revision)	IEC TC- (O); IEC TC- (P)
42	ETD 35 (14591)	Measuring Relays and Protection Equipment - Part 118: Synchrophasor for Power Systems -Section 1 : Measurements	IEC TC- (O); IEC TC- (P)
43	ETD 35 (14592)	Measuring Relays and Protection Equipment Part 149: Functional Requirements for Thermal Electrical Relays	IEC TC- (O); IEC TC- (P)
44	ETD 35 (14593)	Measuring Relays and Protection Equipment Part 181: Functional Requirements for Frequency Protection	IEC TC- (O); IEC TC- (P)
45	ETD 28 (12561)	Photovoltaic devices Part 1-1: Measurement of current-voltage characteristics of multi-junction photovoltaic PV devices	IEC TC-82 (P)
46	ETD 28 (12562)	Photovoltaic devices Part 8-1: Measurement of spectral responsivity of multi-junction photovoltaic PV devices	IEC TC-82 (P)
47	ETD 28 (12563)	Photovoltaic PV systems Requirements for testing documentation and maintenance Part 3 : Photovoltaic modules and plants Outdoor infrared thermography	IEC TC-82 (P)

48	ETD 9 (13498)	Thermosetting Insulated, Fire Survival Cables for Fixed Installation, having Low Emission of Smoke and Corrosive Gases when affected by Fire for Working Voltages up to and including 1100 Volts a.c. and 1500 Volts d.c.	IEC TC-20 (P)
49	ETD 3 (14516)	Specification of Technical Grade Sulphur Hexafluoride SF6 for Use in Electrical Equipment purposes	IEC TC- (P)
50	ETD 40 (14530)	Guidelines for operation and maintenance of line commutated converter LCC HVDC converter station	IEC TC- 22F SC- 22F (P)
51	ETD 31 (14560)	Uninterruptible Power Systems UPS Part 2 Electromagnetic Compatibility EMC Requirements (first revision)	TC- 22E SC- 22E (O); IEC TC- 22G SC- 22G (O);
52	ETD 35 (14579)	Electromechanical Elementary Relays - Part 3: Relays with Forcibly Guided (Mechanically linked) Contacts	IEC TC- (O); IEC TC- (P)
53	ETD 35 (14580)	Reed Switches - Part 1-1: Generic specification - Blank detail specification (First Revision)	IEC TC- (O); IEC TC- (P)
54	ETD 35 (14586)	Measuring Relays and Protection Equipment Part 27 Product Safety Requirements (First Revision)	IEC TC- (O); IEC TC- (P)
55	ETD 15 (14590)	Guide on Effects of Unbalanced Voltages on the Performance of Three-Phase Cage Induction Motors	IEC TC- (P); ISO TC-43 SC-1 (O)
56	ETD 35 (14591)	Measuring Relays and Protection Equipment - Part 118: Synchrophasor for Power Systems -Section 1 : Measurements	IEC TC- (O); IEC TC- (P)

57	ETD 35 (14592)	Measuring Relays and Protection Equipment Part 149: Functional Requirements for Thermal Electrical Relays	IEC TC- (O); IEC TC- (P)
58	ETD 35 (14593)	Measuring Relays and Protection Equipment Part 181: Functional Requirements for Frequency Protection	IEC TC- (O); IEC TC- (P)
59	ETD 11 (14603)	Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 1 Performance Testing	IEC TC-21 (O); IEC TC- SC-21A (P)
60	ETD 40 (14604)	Insulation co-ordination : Part 5 Procedures for high-voltage direct current HVDC Converter stations	IEC TC- 22F SC- 22F (P)
61	ETD 11 (14605)	Secondary Lithium-Ion Cells for the Propulsion of Electric Road Vehicles Part 2 Reliability and Abuse Testing	IEC TC-21 (O); IEC TC- SC-21A (P)
62	ETD 35 (14607)	Electrical relays Part 21 : Vibration shock bump and seismic tests on measuring relays and protection equipment Sec 2 : Shock and Bump Tests	IEC TC- (O); IEC TC- (P)
63	ETD 35 (14608)	Electrical Relays Part 24 Common Format for Transient Data Exchange (COMTRADE) for Power System (first revision)	IEC TC- (O); IEC TC- (P)
64	ETD 35 (14609)	Measuring Relays and Protection Equipment Part 26 Electromagnetic Compatibility Requirements (first revision)	IEC TC- (O); IEC TC- (P)
65	ETD 31 (14657)	Adjustable speed electrical power drive systems Part 5 - Safety requirements - Sec 1 - Electrical thermal and energy	TC- 22E SC- 22E (O); IEC TC- 22G SC- 22G (O);
66	ETD 31 (14658)	Adjustable speed electrical power drive systems - Part 5- Safety requirements Sec 2 - Functional	TC- 22E SC- 22E (O); IEC TC- 22G SC- 22G (O);

67	ETD 15 (14662)	Single-phase small ac electric motors for centrifugal pumps for agricultural applications	IEC TC- (P); ISO TC-43 SC-1 (O)
68	ETD 18 (14664)	Industrial communication networks Part 1: Network and system security Sec 1: Terminology concepts and models	IEC TC- (P); IEC TC- 65 A SC- 65 A (P); IEC TC- 65 B SC- 65 B (P) IEC TC- (O);
69	ETD 15 (14666)	Values of performance characteristics for three-phase induction motors with degree of protection 2X	IEC TC- (P); ISO TC-43 SC-1 (O)
70	ETD 18 (14668)	Security for industrial automation and control systems - Part 2: Sec 1: Establishing an industrial automation and control system security program	IEC TC- (P); IEC TC- 65 A SC- 65 A (P); IEC TC- 65 B SC- 65 B (P) IEC TC- (O);
71	ETD 18 (14669)	Security for industrial automation and control systems Part 2 : Sec 4 : Security program requirements for IACS service providers	IEC TC- (P); IEC TC- 65 A SC- 65 A (P); IEC TC- 65 B SC- 65 B (P) IEC TC- (O);
72	ETD 18 (14670)	Industrial communication networks Part 3 Network and system security Sec 3: System security requirements and security levels	IEC TC- (P); IEC TC- 65 A SC- 65 A (P); IEC TC- 65 B SC- 65 B (P) IEC TC- (O);
73	ETD 18 (14677)	Security for industrial automation and control systems Part 4-1: Secure product development lifecycle requirements	IEC TC- (P); IEC TC- 65 A SC- 65 A (P); IEC TC- 65 B SC- 65 B (P) IEC TC- (O);
74	ETD 18 (14678)	Security for industrial automation and control systems Part 4-2: Technical security requirements for IACS components	IEC TC- (P); IEC TC- 65 A SC- 65 A (P); IEC TC- 65 B SC- 65

			B (P) IEC TC- (O);
75	ETD 20 (14725)	Effects of current on human beings and livestock - Part 2: Special Aspects	IEC TC- 18 (O); IEC TC- 64 (P); IEC TC- 73 (O); IEC TC- 81 (O); IEC TC- 18A SC- 18A (O);

Electrical Equipment including Consumer Electronics (ETD)

The following Draft Indian Standards were issued by Electronics and Information Technology division council (LTD) of BIS for eliciting technical comments:

Electronics and Information Technology division council (LTD)			
S.No.	Document No	Title of the Doc	IEC/ISO
1	LTD 17 (14243)	Information Technology Security Techniques Random Bit Generation Amendment - 1	ISO/IEC/JTC1 TC- 27 SC- 27 (P); ISO/IEC/JTC1 TC- 37 SC- 37 (P)
2	LTD 17 (14244)	Information Technology - biometric Data interchange formats part 1 Framework Amendment - 1	ISO/IEC/JTC1 TC- 27 SC- 27 (P); ISO/IEC/JTC1 TC- 37 SC- 37 (P)
3	LTD 17 (14245)	Information Technology - Biometric Data interchange formats part 7 Signature/Sign Time Series Data Amendment - 1	ISO/IEC/JTC1 TC- 27 SC- 27 (P); ISO/IEC/JTC1 TC- 37 SC- 37 (P)
4	LTD 17 (14246)	Information Technology - Biometric Data interchange formats part 9 vascular image Data Amendment - 1	ISO/IEC/JTC1 TC- 27 SC- 27 (P); ISO/IEC/JTC1 TC- 37 SC- 37 (P)
5	LTD 17 (14247)	Information Technology- Biometric Data Interchange Formats Part 14 DNA Data Amendment - 1	ISO/IEC/JTC1 TC- 27 SC- 27 (P); ISO/IEC/JTC1 TC- 37 SC- 37 (P)
6	LTD 17 (14248)	Information Technology - Security Techniques - Lightweight Cryptography Part 4 Mechanisms Using Asymmetric Techniques Amendment - 1	ISO/IEC/JTC1 TC- 27 SC- 27 (P); ISO/IEC/JTC1 TC- 37 SC- 37 (P)

7	LTD 17 (14249)	Information Technology Biometric Data Interchange Formats Part 4 Finger Image Data Amendment - 1	ISO/IEC/JTC1 TC- 27 SC- 27 (P); ISO/IEC/JTC1 TC- 37 SC- 37 (P)
8	LTD 17 (14276)	INFORMATION TECHNOLOGY BIOMETRIC DATA INTERCHANGE FORMATS PART 3 FINGER PATTERN SPECTRAL DATA	ISO/IEC/JTC1 TC- 27 SC- 27 (P); ISO/IEC/JTC1 TC- 37 SC- 37 (P)
9	LTD 17 (14277)	INFORMATION TECHNOLOGY BIOMETRIC DATA INTERCHANGE FORMATS PART 5 FACE IMAGE DATA	ISO/IEC/JTC1 TC- 27 SC- 27 (P); ISO/IEC/JTC1 TC- 37 SC- 37 (P)
10	LTD 17 (14281)	INFORMATION TECHNOLOGY BIOMETRIC DATA INTERCHANGE FORMATS PART 6 IRIS IMAGE DATA	ISO/IEC/JTC1 TC- 27 SC- 27 (P); ISO/IEC/JTC1 TC- 37 SC- 37 (P)
11	LTD 26 (14295)	Walk-Through Metal Detector for Use in Concealed Weapon and Contraband Detection	IEC TC- 79 SC- (P)
12	LTD 14 (14373)	Information technology Data centres Key performance indicators Part 1: Overview and general requirements	ISO/IEC/JTC1 TC- 7 SC- 7 (P); ISO/IEC/JTC1 TC- 38 SC- 38 (P); ISO/IEC/JTC1 TC- 40 SC- 40 (P);
13	LTD 14 (14375)	Information technology Data centres Key performance indicators Part 2:Power usage effectiveness PUE	ISO/IEC/JTC1 TC- 7 SC- 7 (P); ISO/IEC/JTC1 TC- 38 SC- 38 (P); ISO/IEC/JTC1 TC- 40 SC- 40 (P);
14	LTD 14 (14376)	Information technology Data centres Key performance indicators Part 3:Renewable energy factor REF	ISO/IEC/JTC1 TC- 7 SC- 7 (P); ISO/IEC/JTC1 TC- 38 SC- 38 (P); ISO/IEC/JTC1 TC- 40 SC- 40 (P);
15	LTD 14 (14377)	Information technology Data centres Key performance indicators Part 4:IT Equipment Energy Efficiency for servers ITEEsV	ISO/IEC/JTC1 TC- 7 SC- 7 (P); ISO/IEC/JTC1 TC- 38 SC- 38 (P); ISO/IEC/JTC1 TC- 40 SC- 40 (P);

16	LTD 14 (14378)	Information technology Data centres Key performance indicators Part 5 IT Equipment Utilization for servers ITEUsv	ISO/IEC/JTC1 TC- 7 SC- 7 (P); ISO/IEC/JTC1 TC- 38 SC- 38 (P); ISO/IEC/JTC1 TC- 40 SC- 40 (P);
17	LTD 9 (14420)	Electromagnetic compatibility EMC Part 3 Limits Section 2 Limits for harmonic current emissions equipment input current 16 A per phase Third Revision	IEC TC- 77 (P); IEC TC-CISPR (O); IEC TC- 77A SC- 77A (P); ISO TC- 77B SC- 77B (P)
18	LTD 9 (14421)	Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices Part 1 Devices used next to the ear Frequency range of 300 MHz to 6 GHz F	IEC TC- 77 (P); IEC TC-CISPR (O); IEC TC- 77A SC- 77A (P); ISO TC- 77B SC- 77B (P)
19	LTD 9 (14422)	Sound and Television Broadcast Receivers and Associated Equipment Immunity Characteristics Limits and Methods of Measurement Second Revision	IEC TC- 77 (P); IEC TC-CISPR (O); IEC TC- 77A SC- 77A (P); ISO TC- 77B SC- 77B (P)
20	LTD 2 (14431)	Electrotechnical Vocabulary Part 192 Dependability (Superseding IS 1885 Part 39 :1999)	IEC TC- 56 (P)
21	LTD 2 (14432)	Failure modes and effects analysis FMEA and FMECA (Superseding IS 11137 Part 2 :2012)	IEC TC- 56 (P)
22	LTD 2 (14433)	Reliability block diagrams Second Revision	IEC TC- 56 (P)
23	LTD 2 (14434)	Dependability management Part 3 Application guide Section 3 Life cycle costing Superseding IS 15474 :2004	IEC TC- 56 (P)
24	LTD 2 (14435)	Fault tree analysis FTA	IEC TC- 56 (P)
25	LTD 12 (12126)	Methods of measurement for radio transmitters Part 5: Bandwidth, out-of-band power and power of non-essential oscillations along with Amendments 1	IEC TC- 103 (O)

		:1974, Supplement 2A:1969, 2A/AMD 1:1973, 2B:1969	
26	LTD 12 (12127)	Methods of measurement for radio transmitters Part 6 : Wanted and unwanted modulation along with Supplement 3A:1971, 3B:1972	IEC TC- 103 (O)
27	LTD 12 (12128)	Methods of measurement for radio transmitters Part 7: Amplitude/frequency characteristics and non-linearity distortion in transmitters for radiotelephony and sound broadcasting along with Supplement 4A : 1973	IEC TC- 103 (O)
28	LTD 12 (12129)	Methods of measurement for radio transmitters Part 8: Performance characteristics of television transmitters	IEC TC- 103 (O)
29	LTD 12 (12130)	Methods of measurement for radio transmitters Part 9: Cabinet radiation at frequencies between 130 kHz and 1 GHz	IEC TC- 103 (O)
30	LTD 12 (12131)	Methods of measurement for radio transmitters Part 10: Cabinet radiation at frequencies above 1 GHz along with Supplement 7A :1980	IEC TC- 103 (O)
31	LTD 12 (12132)	Methods of measurement for radio transmitters Part 11: Performance characteristics of vestigial-sideband demodulators used for testing television transmitters and transposers	IEC TC- 103 (O)
32	LTD 12 (12133)	Methods of measurement of radio transmitters Part 12: Performance characteristics for television transposers	IEC TC- 103 (O)
33	LTD 12 (12134)	Methods of measurement for radio transmitters Part 13: Methods of measurement for television transmitters and transposers employing insertion test signals	IEC TC- 103 (O)
34	LTD 12 (12135)	Methods of measurement for radio transmitters Part 14: Transposers for FM sound broadcasting	IEC TC- 103 (O)
35	LTD 12 (12136)	Methods of measurement for radio transmitters Part 17: External intermodulation products caused by two or more transmitters using the same or adjacent antennas	IEC TC- 103 (O)

36	LTD 12 (12137)	Methods of measurement for radio transmitters Part 18: Amplitude-modulated transmitters for sound broadcasting	IEC TC- 103 (O)
37	LTD 12 (13157)	Radio Communications: transmitters receivers networks and operation	IEC TC- 103 (O)
38	LTD 12 (14556)	Electro-technical vocabulary: Part 65 Transmission	IEC TC- 103 (O)
39	LTD 12 (14557)	Standardization of Interconnections Between Broadcasting Transmitters or Transmitter Systems and Supervisory Equipment Part 1 Interface Standards for Systems Using Dedicated Interconnections Amendment - 1	IEC TC- 103 (O)
40	LTD 12 (14558)	Electro-technical Vocabulary - Part 21 : Antennas	IEC TC- 103 (O)
41	LTD 12 (14559)	Electro-technical vocabulary: Part 66 Space radio communications	IEC TC- 103 (O)
42	LTD 5 (14706)	Preferred number series for Resistors and Capacitors	IEC TC- 40 (P); IEC TC- 47 (P); IEC TC- 47A SC- 47A (P); IEC TC- 91 (P); IEC TC- 47F SC- 47F (O); IEC TC- 86B SC- 86B (O);
43	LTD 5 (14707)	Passive filter units for electromagnetic interference suppression Part 1 Generic specification First Revision and Superseding 1 IS 3723Part 1:1978 2 IS 3723Part 2:1983 and 3 IS 3723Part 3:1983	IEC TC- 40 (P); IEC TC- 47 (P); IEC TC- 47A SC- 47A (P); IEC TC- 91 (P); IEC TC- 47F SC- 47F (O); IEC TC- 86B SC- 86B (O);
44	LTD 5 (14708)	Passive filter units for electromagnetic interference suppression Part 2 Sectional specification Passive filter units for which safety 45tests are appropriate Test methods and general requirements First Revision of IS 13247 Part 2	IEC TC- 40 (P); IEC TC- 47 (P); IEC TC- 47A SC- 47A (P); IEC TC- 91 (P); IEC TC- 47F SC-

			47F (O); IEC TC- 86B SC- 86B (O);
45	LTD 5 (14709)	Semiconductor devices - Integrated circuits : Part 2 Digital integrated circuits essential ratings and characteristics Sec 1 General	IEC TC- 40 (P); IEC TC- 47 (P); IEC TC- 47A SC- 47A (P); IEC TC- 91 (P); IEC TC- 47F SC- 47F (O); IEC TC- 86B SC- 86B (O);
46	LTD 5 (14711)	Semiconductor devices Integrated circuits Part 3 Analogue integrated circuits Superseding 1 IS 12970Part 5Sec 1:1991 2 IS 12970Part 5Sec 2:1992 3 IS 12970Part 5Sec 3:1992 4 IS 12970Part 5Sec 4:1992 5 IS 12970Part 5Sec 5:1993 6 IS 12970Part 5Sec	IEC TC- 40 (P); IEC TC- 47 (P); IEC TC- 47A SC- 47A (P); IEC TC- 91 (P); IEC TC- 47F SC- 47F (O); IEC TC- 86B SC- 86B (O);

Transport (TED)

The following Draft Indian Standards were issued by Transport engineering division council at BIS during the last quarter for eliciting technical comment:

Transport (TED)			
S.No.	Document No	Title of the Doc	IEC/ISO
1	TED 4 (13068)	AUTOMOTIVE VEHICLES NOISE EMITTED BY MOVING VEHICLES SPECIFICATION AND METHOD OF MEASUREMENT PART 2 : OTHER THAN L2 AND L5 CATEGORY	ISO TC- 2 SC- 2 (O); ISO TC- 9 SC- 9 (O); ISO TC- 13 SC- 13 (O); ISO TC- 22 SC- 22 (P); ISO TC- 23 SC- 23 (O); ISO TC- 33 SC- 33 (O); ISO TC- 38 SC- 38 (P); ISO TC- 39 SC- 39 (O); ISO TC- 22 (P);

2	TED 11(14258)	Automotive vehicles - Advance-warning triangles - Specification	ISO TC-22 (P); ISO TC-22 SC-31 (P); ISO TC-22 SC-32 (P); ISO TC-22 SC-35 (P)
3	TED 11(14352)	Retro-reflecting devices for power driven vehicles and their trailers	ISO TC-22 (P); ISO TC-22 SC-31 (P); ISO TC-22 SC-32 (P); ISO TC-22 SC-35 (P)
4	TED 19 (14545)	Ships And Marine Technology - Fire-Extinguishing Systems For Protection Of Galley Cooking Equipment	ISO TC- 8 (P); ISO TC- 1 SC- 1 (P); ISO TC- 4 SC- 4 (O); ISO TC- 6 SC- 6 (O);
5	TED 19 (14547)	Ships and marine technology - Servicing of inflatable life-saving appliances - Part 1: General	ISO TC- 8 (P); ISO TC- 1 SC- 1 (P); ISO TC- 4 SC- 4 (O); ISO TC- 6 SC- 6 (O);
6	TED 19 (14550)	Ships and marine technology -- Servicing of inflatable life-saving appliances -- Part 2: Inflatable life rafts	ISO TC- 8 (P); ISO TC- 1 SC- 1 (P); ISO TC- 4 SC- 4 (O); ISO TC- 6 SC- 6 (O);
7	TED 19 (14552)	Ships and marine technology - Servicing of inflatable life-saving appliances - Part 3: Inflatable lifejackets	ISO TC- 8 (P); ISO TC- 1 SC- 1 (P); ISO TC- 4 SC- 4 (O); ISO TC- 6 SC- 6 (O);
8	TED 19 (14553)	Ships and marine technology -- Servicing of inflatable life-saving appliances -- Part 4: Marine evacuation systems	ISO TC- 8 (P); ISO TC- 1 SC- 1 (P); ISO TC- 4 SC- 4 (O); ISO TC- 6 SC- 6 (O);
9	TED 19 (14554)	Ships and marine technology - Servicing of inflatable life-saving appliances - Part 5: Inflated rescue boats	ISO TC- 8 (P); ISO TC- 1 SC- 1 (P); ISO TC- 4 SC- 4 (O); ISO TC- 6 SC- 6 (O);
10	TED 4 (14661)	Automotive Vehicles — Uniform Provisions Concerning the Approval of Vehicles of Categories M2, M3, N and T with Regard to Braking (Third Revision) Amendment - 1	ISO TC- 2 SC- 2 (O); ISO TC- 9 SC- 9 (O); ISO TC- 13 SC- 13 (O); ISO TC- 22 SC- 22 (P); ISO TC- 23 SC- 23 (O); ISO TC- 33 SC- 33 (O); ISO TC- 38 SC- 38 (P); ISO TC- 39 SC- 39 (O); ISO TC- 22 (P);

11	TED 4 (14663)	Automotive Vehicles – Steering-- Effort – Method of Evaluation Amendment - 2	ISO TC- 2 SC- 2 (O); ISO TC- 9 SC- 9 (O); ISO TC- 13 SC- 13 (O); ISO TC- 22 SC- 22 (P); ISO TC- 23 SC- 23 (O); ISO TC- 33 SC- 33 (O); ISO TC- 38 SC- 38 (P); ISO TC- 39 SC- 39 (O); ISO TC- 22 (P);
12	TED 4 (14667)	Automotive Vehicles – Performance-- Requirements And Testing Procedure For--Braking System Of Two And Three-- Wheeled Motor Vehicles Amendment - 3	ISO TC- 2 SC- 2 (O); ISO TC- 9 SC- 9 (O); ISO TC- 13 SC- 13 (O); ISO TC- 22 SC- 22 (P); ISO TC- 23 SC- 23 (O); ISO TC- 33 SC- 33 (O); ISO TC- 38 SC- 38 (P); ISO TC- 39 SC- 39 (O); ISO TC- 22 (P);
13	TED 4 (14690)	Automotive Vehicles - Uniform Provisions Concerning the Approval of Vehicles of Categories M1 and N1 with Regard to Braking Amendment - 1	ISO TC- 2 SC- 2 (O); ISO TC- 9 SC- 9 (O); ISO TC- 13 SC- 13 (O); ISO TC- 22 SC- 22 (P); ISO TC- 23 SC- 23 (O); ISO TC- 33 SC- 33 (O); ISO TC- 38 SC- 38 (P); ISO TC- 39 SC- 39 (O); ISO TC- 22 (P);
14	TED 4 (14694)	Automotive Vehicles - Noise Emitted by Moving Vehicles - Method of Measurement Amendment - 6	ISO TC- 2 SC- 2 (O); ISO TC- 9 SC- 9 (O); ISO TC- 13 SC- 13 (O); ISO TC- 22 SC- 22 (P); ISO TC- 23 SC- 23 (O); ISO TC- 33 SC- 33 (O); ISO TC- 38 SC- 38 (P); ISO TC- 39 SC- 39 (O); ISO TC- 22 (P);
15	TED 4 (14695)	Automotive Vehicle - Calibration of Speedometer - Method of Evaluation Amendment - 3	ISO TC- 2 SC- 2 (O); ISO TC- 9 SC- 9 (O); ISO TC- 13 SC- 13 (O); ISO TC- 22 SC- 22 (P); ISO TC- 23 SC- 23 (O); ISO TC- 33 SC- 33 (O); ISO TC- 38 SC- 38 (P);

			ISO TC- 39 SC- 39 (O); ISO TC- 22 (P);
16	TED 7 (14701)	Automotive vehicles - Retreading of tyres by the pre-cured Process- Specification(First Revision) Amendment - 1	ISO TC- 22 (P); ISO TC- 19 SC- 19 (O); ISO TC- 31 (P); ISO TC- 3 SC- 3 (P); ISO TC- 34 SC- 34 (P); ISO TC- 5 SC- 5 (O); ISO TC- 6 SC- 6 (O); ISO TC- 7 SC- 7 (O); ISO TC- 9 SC- 9 (P); ISO TC- 10 SC- 10 (P);

At Automotive Research Association of India (ARAI)

The following Draft Indian Standards were issued by Automotive Research Association of India during the last quarter for eliciting technical comment:

At Automotive Research Association of India (ARAI)		
S.No.	Code	Title
1	Revised Draft Amendment 9 to AIS-037	Procedure for Type Approval and Establishing Conformity of Production for Safety Critical Components
2	Draft Amd. No 3 to AIS-125 (Part 1)	Constructional and Functional Requirements for Road Ambulances
3	Draft AIS-088 (Rev.1)/ DO	Performance Requirements of Rear Marking Plates (Rear Warning Triangles) for Automotive Vehicles, Agricultural Tractors their Trailers and Semi-Trailers
4	Draft AIS-038 (Rev.2)/D1/Sep 2019	Specific Requirements for Electric Power Train of Vehicles
5	Draft AIS-156 / D1/Sep 2019	Specific Requirements for L Category Electric Power Train Vehicles

ICT at TSDSI

Activities at TSDSI			
"List of New Item for Proposal at TSDSI"			
New Item Proposal	Name	Version	Status

NIP 226	Broadcast Offload	TSDSI-SGN-NIP226-V1.0.0-20190911	Accepted
NIP 223	Enhancements in flexible UL-DL resource utilization in Rel 17	TSDSI-SGN-NIP223-V1.1.0-20190910	Accepted
NIP 225	NavIC support in cellular positioning for GERAN, UTRA, LTE, & NR.	TSDSI-SGN-NIP225-V1.0.0-20190909	Accepted
NIP 224	Proposal for Deployment Option-6 as a 5G NR SA mode.	TSDSI-SGN-NIP224-V1.0.0-20190909	Accepted
NIP 223	Enhancements in flexible UL-DL resource utilization	TSDSI-SGN-NIP223-V1.0.0-20190906	Accepted
For complete details of the NIP please click here			
“List of Work Item status update”			
Work Item	Name	Version	Status
No Study Items introduced since last quarter			
For complete details of the Study Items please click here			
“List of SWIP Status Update”			
SWIP	Name	Version	Status
SWIP626	Broadcast Offload White Paper	TSDSI-SGN-SWIP626-V1.1.0-20190806	Accepted
SWIP630	Response and Update for TSDSI IMT 2020 Submission	TSDSI-SGN-SWIP630-V1.1.0-20190817	Accepted
SWIP631	Reference documents for discussion RIT/SRIT Response	TSDSI-SGN-SWIP631-V1.1.0-20190814	Accepted
SWIP632	NB-IoT specifications update	TSDSI-SGN-SWIP632-V1.1.0-20190816	Accepted
SWIP633	Enhancements in Resource Multiplexing in IAB	TSDSI-SGN-SWIP632-V1.0.0-20190905	Accepted
SWIP634	Study Item for Technical Report on Standardization of Support for Indian Languages Support in Mobile Devices for Financial Transactions & Other Applications	TSDSI-SGSS-SWIP634-V1.0.0-20190909	Accepted
SWIP635	Pending issues with the TSDSI RIT	TSDSI-SGN-SWIP635-V1.0.0-20190910	Accepted

SWIP636	DCS support in cellular network	TSDSI-SGSS-SWIP636-V1.0.0-20190912	Accepted
SWIP637	CIP Interim Report Sep 2019	TSDSI-SGSS-SWIP637-V1.0.0-20190912	Accepted
SWIP638	Reply to the Airtel SWIP (635) Titled, “Pending issues with the TSDSI RIT”	TSDSI-SGN-SWIP638-V1.0.0-20190912	Accepted
For complete details of the SWIP please click here and select SWIP			