

## Annexure 1

### Electrical Equipment including Consumer Electronics (ETD)

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

At Bureau of Indian Standards (BIS)			
Electro-technical (ETD)			
SI No	Document No	Title of the Doc	IEC/ISO
1	<a href="#">ETD 42 (15047)</a>	Wind energy generation systems - Part 25-71: Communications for monitoring and control of wind power plants - Configuration description language	IEC TC- 88 (P)
2	<a href="#">ETD 43 (15314)</a>	Determination of certain substances in electrotechnical products: Part 4 mercury in polymers, metals and electronics by cv - Aas, cv - Afs, icp - Oes and icp - Ms Amendment - 1	IEC TC-111 (P)
3	<a href="#">ETD 9 (15371)</a>	Specification for Thermosetting Insulated Fire Survival Cables for Fixed Installation having Low Emission of Smoke and Corrosive Gases when Affected by Fire for Working Voltages upto and including 1100 Vac and 1500 Vdc	IEC TC-20 (P)
4	<a href="#">ETD 43 (15472)</a>	Technical Documentation for the Assessment of Electrical and Electronic Products with respect to the Restriction of Hazardous Substances	IEC TC-111 (P)
5	<a href="#">ETD 28 (15509)</a>	Terrestrial photovoltaic (PV) modules - Design qualification and type approval: Part 2 test procedures (Second Revision) Amendment - 1	IEC TC-82 (P)
6	<a href="#">ETD 28 (15510)</a>	Photovoltaic System Performance Part 3 Energy Evaluation Method Amendment - 1	IEC TC-82 (P)
7	<a href="#">ETD 28 (15511)</a>	Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance: Part 1 grid connected systems - Documentation, commissioning	IEC TC-82 (P)

		tests and inspection Amendment - 1	
8	<a href="#">ETD 28 (15512)</a>	Photovoltaic (PV) Modules- Ammonia Corrosion Testing Amendment - 1	IEC TC-82 (P)
9	<a href="#">ETD 14 (15514)</a>	Specification for flexible steel conduits for electrical wiring Amendment – 2	IEC TC- (O); IEC TC- 23A SC- 23A (O); IEC TC- 23B SC- 23B (P); IEC TC- 23E SC- 23E (P); IEC TC- 23G SC- 23G (O); IEC TC- 23H SC- 23H (O); IEC TC- 23J SC- 23J (O); IEC TC- 34B SC- 34B (P):
10	<a href="#">ETD 14 (15527)</a>	SWITCHES FOR HOUSEHOLD AND SIMILAR FIXED ELECTRICAL INSTALLATIONS PART 2 PARTICULAR REQUIREMENTS SECTION 5 SWITCHES AND RELATED ACCESSORIES FOR USE IN HOME AND BUILDING ELECTRONIC SYSTEMS HBES	IEC TC- (O); IEC TC- 23A SC- 23A (O); IEC TC- 23B SC- 23B (P); IEC TC- 23E SC- 23E (P); IEC TC- 23G SC- 23G (O); IEC TC- 23H SC- 23H (O); IEC TC- 23J SC- 23J (O); IEC TC- 34B SC- 34B (P):
11	<a href="#">ETD 14 (15528)</a>	Switches for appliances: Part 1 general requirements First revision	IEC TC- (O); IEC TC- 23A SC- 23A (O); IEC TC- 23B SC- 23B (P); IEC TC- 23E SC- 23E (P); IEC TC- 23G SC- 23G (O); IEC TC- 23H SC- 23H (O); IEC TC- 23J SC- 23J (O); IEC TC- 34B SC- 34B (P):

12	<a href="#">ETD 14 (15529)</a>	SWITCHES FOR APPLIANCES PART 1 GENERAL REQUIREMENTS SECTION 1 PARTICULAR REQUIREMENTS FOR MECHANICAL SWITCHES	IEC TC- (O); IEC TC- 23A SC- 23A (O); IEC TC- 23B SC- 23B (P); IEC TC- 23E SC- 23E (P); IEC TC- 23G SC- 23G (O); IEC TC- 23H SC- 23H (O); IEC TC- 23J SC- 23J (O); IEC TC- 34B SC- 34B (P):
13	<a href="#">ETD 14 (15530)</a>	SWITCHES FOR APPLIANCES PART 1 GENERAL REQUIREMENTS SECTION 2 PARTICULAR REQUIREMENTS FOR ELECTRONICS SWITCHES	IEC TC- (O); IEC TC- 23A SC- 23A (O); IEC TC- 23B SC- 23B (P); IEC TC- 23E SC- 23E (P); IEC TC- 23G SC- 23G (O); IEC TC- 23H SC- 23H (O); IEC TC- 23J SC- 23J (O); IEC TC- 34B SC- 34B (P):
14	<a href="#">ETD 14 (15533)</a>	Cable management systems - Cable ties for electrical installations	IEC TC- (O); IEC TC- 23A SC- 23A (O); IEC TC- 23B SC- 23B (P); IEC TC- 23E SC- 23E (P); IEC TC- 23G SC- 23G (O); IEC TC- 23H SC- 23H (O); IEC TC- 23J SC- 23J (O); IEC TC- 34B SC- 34B (P):
15	<a href="#">ETD 25 (15372)</a>	Fire-resistance tests : Part 2 Lift landing door assemblies	ISO TC- 178 (P)
16	<a href="#">ETD 13 (11671)</a>	ac STATIC TRANSFORMER OPERATED WATTHOUR METERS CLASS 02 S AND 05 S AND VAR-HOUR METERS CLASS 02 S 05 S AND 10 S - SPECIFICATION First Revision	IEC TC-13 (P)
17	<a href="#">ETD 29 (13223)</a>	SERIES CAPACITORS FOR POWER SYSTEMS PART 1 : GENERAL First Revision	IEC TC-33 (P)
18	<a href="#">ETD 29 (13225)</a>	SERIES CAPACITORS FOR POWER SYSTEMS PART 3: INTERNAL FUSES First Revision	IEC TC-33 (P)
19	<a href="#">ETD 29 (13230)</a>	COUPLING CAPACITORS AND CAPACITOR DIVIDERS PART 2 AC OR DC SINGLE-PHASE COUPLING CAPACITOR CONNECTED BETWEEN LINE AND GROUND FOR POWER LINE CARRIER-FREQUENCY PLC APPLICATION	IEC TC-33 (P)

20	<a href="#">ETD 29 (13234)</a>	COUPLING CAPACITORS AND CAPACITOR DIVIDERS PART 1 GENERAL RULES	IEC TC-33 (P)
21	<a href="#">ETD 28 (14750)</a>	Primary optics for concentrator photovoltaic systems	IEC TC-82 (P)
22	<a href="#">ETD 28 (14751)</a>	Concentrator photovoltaic CPV modules - Thermal cycling test to differentiate increased thermal fatigue durability	IEC TC-82 (P)
23	<a href="#">ETD 28 (14757)</a>	Photovoltaic PV modules - Type approval design and safety qualification - Retesting	IEC TC-82 (P)
24	<a href="#">ETD 28 (14758)</a>	Photovoltaic concentrator cell documentation	IEC TC-82 (P)
25	<a href="#">ETD 28 (14759)</a>	Measurement procedures for materials used in photovoltaic modules - Part 7: Environmental exposures - Sec 2 : Accelerated weathering tests of polymeric materials	IEC TC-82 (P)
26	<a href="#">ETD 28 (14760)</a>	Measurement procedures for materials used in photovoltaic modules -Part 2: Polymeric materials - Frontsheets and backsheets	IEC TC-82 (P)
27	<a href="#">ETD 28 (14799)</a>	Ground-mounted photovoltaic power plants - Design guidelines and recommendations	IEC TC-82 (P)
28	<a href="#">ETD 28 (14800)</a>	Photovoltaic PV modules - Cyclic dynamic mechanical load testing	IEC TC-82 (P)
29	<a href="#">ETD 29 (15105)</a>	SERIES CAPACITORS FOR POWER SYSTEMS PART 2: PROTECTIVE EQUIPMENT FOR SERIES CAPACITOR BANKS	IEC TC-33 (P)
30	<a href="#">ETD 29 (15122)</a>	Specification for capacitors for inductive heat generating plants operating at frequencies between 40 and 24 000 HZ	IEC TC-33 (P)
31	<a href="#">ETD 29 (15123)</a>	POWER CAPACITORS FOR INDUCTION HEATING INSTALLATIONS PART 2 : AGEING TEST DESTRUCTION TEST AND REQUIREMENTS FOR DISCONNECTING INTERNAL FUSES	IEC TC-33 (P)
32	<a href="#">ETD 29 (15124)</a>	SERIES CAPACITORS FOR POWER SYSTEMS PART 4: THYRISTOR CONTROLLED SERIES CAPACITORS	IEC TC-33 (P)
33	<a href="#">ETD 29 (15137)</a>	CAPACITORS FOR POWER ELECTRONICS	IEC TC-33 (P)

## ICT/LITD

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

<b>Electronics and Information Technology(ICT)</b>			
SI No	Document No	Title of the Doc	IEC/ISO
1	<a href="#">LTD 28 (13502)</a>	Information Technology - Unified Digital Infrastructure - Unified Last Mile Communication Protocols Stack - Reference Architecture (UDI – ULMCPS - RA)	IEC TC-SyC SC- (P); IEC TC-SEG 9 (P); ISO/IEC TC-JTC 1 SC-WG 11 (P)
2	<a href="#">LTD 28 (13503)</a>	Information Technology - Unified Digital Infrastructure - Unified Last Mile Communication Protocols Stack - Network Access Layer (Sub Giga Hz)	IEC TC-SyC SC- (P); IEC TC-SEG 9 (P); ISO/IEC TC-JTC 1 SC-WG 11 (P)
3	<a href="#">LTD 14 (13806)</a>	Software and Systems Engineering – Part 1 Core Agile Practices	ISO/IEC/JTC1 TC- 7 SC- 7 (P); ISO/IEC/JTC1 TC- 38 SC- 38 (P); ISO/IEC/JTC1 TC- 40 SC- 40 (P)
4	<a href="#">LTD 12 (15108)</a>	Code of practice for installation of single and community antenna systems for reception of sound and television broadcasting Amendment – 1	IEC TC- 103 (O)
5	<a href="#">LTD 23 (15475)</a>	Information technology - Coding of audio - Visual objects: Part 22 open font format	ISO/IEC/JTC1 TC- 24 SC- 24 (O); ISO/IEC/JTC1 TC-SC 29 SC- (P)
6	<a href="#">LTD 12 (13157)</a>	Radio Communications: transmitters receivers networks and operation	IEC TC- 103 (O)
7	<a href="#">LTD 16 (15296)</a>	Information technology Automatic identification and data capture techniques QR Code bar code symbology specification	ISO/IEC/JTC1 TC- 17 SC- 17 (P); ISO/IEC/JTC1 TC- 23 SC- 23 (O); ISO/IEC/JTC1 TC- 28 SC- 28 (O); ISO/IEC/JTC1 TC- 31 SC- 31 (P);
8	<a href="#">LTD 4 (15302)</a>	Organic Light Emitting Diode OLED displays- Part 1-2: Terminology and letter symbols	IEC TC- 110 (P)

9	<a href="#">LTD 4 (15303)</a>	Organic Light Emitting Diode OLED displays- Part 2-1: Essential ratings and characteristics of OLED display modules	IEC TC- 110 (P)
10	<a href="#">LTD 4 (15304)</a>	Organic Light Emitting Diode OLED displays- Part 5: Environmental testing methods	IEC TC- 110 (P)
11	<a href="#">LTD 4 (15305)</a>	Organic Light Emitting Diode OLED displays- Part 5-2: Mechanical endurance testing methods	IEC TC- 110 (P)
12	<a href="#">LTD 4 (15306)</a>	Organic Light Emitting Diode OLED displays- Part 5-3: Measuring methods of image sticking and lifetime	IEC TC- 110 (P)
13	<a href="#">LTD 4 (15307)</a>	Organic Light Emitting Diode OLED displays- Part 6-1: Measuring methods of optical and electro- optical parameters	IEC TC- 110 (P)
14	<a href="#">LTD 4 (15308)</a>	Organic Light Emitting Diode OLED displays Part 6-2: Measuring methods of visual quality and ambient performance	IEC TC- 110 (P)
15	<a href="#">LTD 4 (15309)</a>	Organic Light Emitting Diode OLED displays- Part 6-3: Measuring methods of image quality	IEC TC- 110 (P)
16	<a href="#">LTD 4 (15310)</a>	Organic light emitting diode OLED displays - Part 6-4: Measuring methods of transparent properties	IEC TC- 110 (P)
17	<a href="#">LTD 17 (12162)</a>	DATA PRIVACY ASSURANCE: Part 1 ENGINEERING AND MANAGEMENT REQUIREMENTS	ISO/IEC/JTC1 TC- 27 SC- 27 (P); ISO/IEC/JTC1 TC- 37 SC- 37 (P)
18	<a href="#">LTD 17 (12163)</a>	DATA PRIVACY ASSURANCE: Part 2 ENGINEERING AND MANAGEMENT GUIDELINES	ISO/IEC/JTC1 TC- 27 SC- 27 (P); ISO/IEC/JTC1 TC- 37 SC- 37 (P)
19	<a href="#">LTD 7 (14844)</a>	AudioVideo Information and Communication Technology Equipment Part 1: Safety Requirements First Revision	IEC TC- 100 (P); IEC TC- 108 SC- (P); IEC TC- 29 SC- (P); IEC TC- 1 SC- 1 (O)

20	<a href="#">LTD 17 (15068)</a>	Information technology - Security techniques - Key management: Part 2 mechanisms using symmetric techniques	ISO/IEC/JTC1 TC- 27 SC-27 (P); ISO/IEC/JTC1 TC- 37 SC-37 (P)
21	<a href="#">LTD 17 (15069)</a>	Information Technology Security Techniques Guidelines for Auditors on Information Security Controls	ISO/IEC/JTC1 TC- 27 SC-27 (P); ISO/IEC/JTC1 TC- 37 SC-37 (P)
22	<a href="#">LTD 17 (15070)</a>	Information Technology - Security Techniques - Code of Practice for Protection of Personally Identifiable Information PII in Public Clouds Acting as PII Processors	ISO/IEC/JTC1 TC- 27 SC-27 (P); ISO/IEC/JTC1 TC- 37 SC-37 (P)
23	<a href="#">LTD 17 (15071)</a>	Information technology -- Security techniques -- Privacy architecture framework	ISO/IEC/JTC1 TC- 27 SC-27 (P); ISO/IEC/JTC1 TC- 37 SC-37 (P)
24	<a href="#">LTD 32 (15072)</a>	Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794: Part 5 face image data	ISO/IEC TC-JTC 1 SC-37 (P)
25	<a href="#">LTD 17 (15075)</a>	Information technology - Security techniques - Application Security: Part 1 overview and concepts Amendment - 1	ISO/IEC/JTC1 TC- 27 SC-27 (P); ISO/IEC/JTC1 TC- 37 SC-37 (P)
26	<a href="#">LTD 17 (15076)</a>	Information Technology - Security Techniques - Privacy Framework Amendment – 1	ISO/IEC/JTC1 TC- 27 SC-27 (P); ISO/IEC/JTC1 TC- 37 SC-37 (P)
27	<a href="#">LTD 17 (15078)</a>	Information technology - Security techniques - digital signatures with appendix: Part 2 integer factorization based mechanisms Amendment - 1	ISO/IEC/JTC1 TC- 27 SC-27 (P); ISO/IEC/JTC1 TC- 37 SC-37 (P)
28	<a href="#">LTD 17 (15079)</a>	Information technologies - Security techniques - Information Security management systems - Requirements (First Revision) Amendment - 1	ISO/IEC/JTC1 TC- 27 SC-27 (P); ISO/IEC/JTC1 TC- 37 SC-37 (P)

29	<a href="#">LTD 32 (15080)</a>	Information Technology - Conformance testing Methodology for Biometric Data Interchange Formats Defined in ISO/IEC 19794 Part 1 Generalized Conformance Testing Methodology Amendment - 1	ISO/IEC TC-JTC 1 SC-37 (P)
30	<a href="#">LTD 32 (15081)</a>	Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794: Part 4 finger image data Amendment – 1	ISO/IEC TC-JTC 1 SC-37 (P)
31	<a href="#">LTD 14 (15116)</a>	Information technology IT asset management Part 1:IT asset management systems 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)
32	<a href="#">LTD 14 (15117)</a>	Systems and software engineering - System life cycle processes	ISO/IEC/JTC1 TC- 7 SC-7 (P); ISO/IEC/JTC1 TC- 38 SC-38 (P); ISO/IEC/JTC1 TC- 40 SC-40 (P)
33	<a href="#">LTD 14 (15118)</a>	Systems and software engineering - Software life cycle processes	ISO/IEC/JTC1 TC- 7 SC-7 (P); ISO/IEC/JTC1 TC- 38 SC-38 (P); ISO/IEC/JTC1 TC- 40 SC-40 (P)
34	<a href="#">LTD 14 (15119)</a>	Systems and software engineering Requirements for designers and developers of user documentation	ISO/IEC/JTC1 TC- 7 SC-7 (P); ISO/IEC/JTC1 TC- 38 SC-38 (P); ISO/IEC/JTC1 TC- 40 SC-40 (P)
35	<a href="#">LTD 14 (15120)</a>	Information technology Open Systems Interconnection Service definition for the Application Service Object Association Control Service Element	ISO/IEC/JTC1 TC- 7 SC-7 (P); ISO/IEC/JTC1 TC- 38 SC-38 (P); ISO/IEC/JTC1 TC- 40 SC-40 (P)
36	<a href="#">LTD 14 (15139)</a>	Information technology Open Systems Interconnection Connection-mode protocol for the Application Service Object Association Control Service Element	ISO/IEC/JTC1 TC- 7 SC-7 (P); ISO/IEC/JTC1 TC- 38 SC-38 (P); ISO/IEC/JTC1 TC- 40 SC-40 (P):



37	<a href="#">LTD 14 (15140)</a>	Software engineering Guidelines for the application of ISO 9001:2015 to computer software	ISO/IEC/JTC1 TC- 7 SC-7 (P); ISO/IEC/JTC1 TC- 38 SC-38 (P); ISO/IEC/JTC1 TC- 40 SC-40 (P)
38	<a href="#">LTD 14 (15141)</a>	Information technology Service management Part 1:Service management system 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)
39	<a href="#">LTD 3 (15177)</a>	Mechanical structures for electronic equipment Dimensions of mechanical structures of the 4826 mm 19 in series Part 3-101: Subracks and associated plug-in units	IEC TC- 48 (P); IEC TC-48B SC- 48B (O); IEC TC-48D SC- 48D (O)
40	<a href="#">LTD 3 (15178)</a>	Mechanical structures for electronic equipment Dimensions of mechanical structures of the 4826 mm 19 in series Part 3-100: Basic dimensions of front panels subracks chassis racks and cabinets	IEC TC- 48 (P); IEC TC-48B SC- 48B (O); IEC TC-48D SC- 48D (O)
41	<a href="#">LTD 3 (15179)</a>	Connectors for frequencies below 3 MHz Part 9: Circular connectors for radio and associated sound equipment	IEC TC- 48 (P); IEC TC-48B SC- 48B (O); IEC TC-48D SC- 48D (O)
42	<a href="#">LTD 3 (15180)</a>	Electromechanical switches for use in electrical and electronic equipment Part 1: Generic specification	IEC TC- 48 (P); IEC TC-48B SC- 48B (O); IEC TC-48D SC- 48D (O)
43	<a href="#">LTD 3 (15201)</a>	Radio-frequency connectors Part 2: Sectional specification Radio frequency coaxial connectors of type 952	IEC TC- 48 (P); IEC TC-48B SC- 48B (O); IEC TC-48D SC- 48D (O)
44	<a href="#">LTD 3 (15202)</a>	Radio-frequency connectors Part 24: Sectional specification Radio frequency coaxial connectors with screw coupling typically for use in 75 cable networks type F	IEC TC- 48 (P); IEC TC-48B SC- 48B (O); IEC TC-48D SC- 48D (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:

<b>Transport Engineering</b>			
SI No	Document No	Title of the Doc	IEC/ISO
1	<a href="#">TED 4 (15487)</a>	Road vehicles Endurance braking systems of motor vehicles and towed vehicles Test procedures	SO 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
2	<a href="#">TED 28 (14905)</a>	Automotive Tracking Device (ATD) and Integrated Systems Amendment - 2	ISO TC- 204 (P); ISO TC- 241 (P)
3	<a href="#">TED 7 (15257)</a>	Automotive vehicle - All rubber flaps for pneumatic tyres - Specification (Second 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);

## Smart City/CED

The following Draft Indian Standards were issued by Civil Engineering division council (CED) at BIS during the last quarter for eliciting technical comment

<b>Civil Engineering</b>			
S. No.	Document No	Title of the Doc	IEC/ISO
1	<a href="#">CED 59 (15244)</a>	Sustainable development of habitats - Vocabulary	ISO TC- 268 (P); ISO TC- 1 SC- 1 (P)
2	<a href="#">CED 59 (15246)</a>	Smart Community Infrastructure- Guidance on Smart Transportation for allocation of parking lots in cities	ISO TC- 268 (P); ISO TC- 1 SC- 1 (P)
3	<a href="#">CED 59 (15247)</a>	Smart Community Infrastructure- Best Practices for transportation-Guidelines	ISO TC- 268 (P); ISO TC- 1 SC- 1 (P)

## At Automotive Research Association of India (ARAI)

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

<b>At Automotive Research Association of India (ARAI)</b>		
<b>S.No.</b>	<b>Code</b>	<b>Title</b>
1	<a href="#">Draft AIS-158/DF March 2020</a>	Code of Practice for Type Approval of Modular Hydraulic Trailers towed by Puller Tractor of Category N3
2	<a href="#">Draft AIS-161/DF</a>	Procedure For Accreditation Of Testing Agencies For Notification Under Rule 126 Of CMVR
3	<a href="#">Draft AIS-160/DF</a>	Safety requirements for construction equipment vehicles
4	<a href="#">Draft AIS-088 (Rev 1)/DF</a>	Performance Requirements of Rear Marking Plates (Rear Warning Triangles) for Automotive Vehicles, Agricultural Tractors their Trailers and Semi-Trailers
5	<a href="#">Draft AIS-156/ DF</a>	Specific Requirements for L Category Electric Power Train Vehicles
6	<a href="#">Draft AIS-038 (Rev 2)</a>	Specific Requirements for Electric Power Train of Vehicles
7	<a href="#">AIS-024 and AIS-028 (Rev 1) (Part B)</a>	Safety And Procedural Requirements for Type Approval of Gaseous Fuel Vehicles - Tractor Application and Code Of Practice For Use Of Gaseous Fuels In Internal Combustion Engine Vehicles - Tractor Application
8	<a href="#">Draft AIS-166/D3/January 2020</a>	Automotive Vehicles – Protective Devices for Two Wheeled Motor Vehicles – Requirements
9	<a href="#">AIS-012 (Part 1) (Rev.2) / D3 Jan 2020</a>	Performance Requirements for Front Fog Lamps for Motor Vehicles
10	<a href="#">AIS-012 (Part 3) (Rev.2) / D3 Jan 2020</a>	Performance Requirements for Cornering Lamps for Motor Vehicles
11	<a href="#">AIS-012 (Part 5) (Rev.2) / D3 Jan 2020</a>	Performance Requirements for Direction Indicators for Motor Vehicles
12	<a href="#">AIS-012 (Part 6) (Rev.2) / D3 Jan 2020</a>	Performance Requirements for Front and Rear Position (Side) Lamps, Stop-Lamps and End-outline Marker Lamps for Motor Vehicles
13	<a href="#">AIS-012 (Part 7) (Rev.2) / D3 Jan 2020</a>	Performance Requirements for Reversing Lamps & Manoeuvring Lamps for Motor Vehicles

14	<a href="#">AIS-012 (Part 10) (Rev.2) / D3 Jan 2020</a>	Performance Requirements for Daytime Running Lamps for Motor Vehicles
15	<a href="#">Draft AIS-157/D1 Jan.2020</a>	Safety and Procedural Requirements for Type Approval of Compressed Gaseous Hydrogen Fuel Cell Vehicles

### ICT at TSDSI

<b>Activities at TSDSI</b>				
<b>"List of New Item for Proposal at TSDSI"</b>				
<b>S. No.</b>	<b>New Item Proposal</b>	<b>Name</b>	<b>Version</b>	<b>Status</b>
1	<a href="#">NIP 235</a>	6G Radio Access Networks	TSDSI-SGN-NIP235-V1.0.0-20200306	Accepted
2	<a href="#">NIP 234</a>	CSI Enhancements for 5G NR and Future Networks	TSDSI-SGN-NIP234-V1.0.0-20200305	Accepted
3	<a href="#">NIP 230</a>	Smart IoT Communication : Context Specific Data Pruning in Smart IoT Applications	TSDSI-SGSS-NIP230-V1.2.0-20200305	Accepted
4	<a href="#">NIP 233</a>	Study Item on Rural Broadband Architecture	TSDSI-SGSS-NIP233-V1.1.0-20200305	Accepted
5	<a href="#">NIP 233</a>	Study Item on Rural Broadband Architecture	TSDSI-SGSS-NIP233-V1.0.0-20200304	Accepted
6	<a href="#">NIP 228</a>	Reducing Threat Using DNS	TSDSI-SGSS-NIP228-V2.0.0-20200304	Accepted
7	<a href="#">NIP 226</a>	Broadcast Offload	TSDSI-SGN-NIP226-V1.2.0-20200304	Accepted
8	<a href="#">NIP 231</a>	Support for Multi-SIM (MUSIM) devices	TSDSI-SGN-NIP231-V1.0.0-20200303	Accepted
9	<a href="#">NIP 230</a>	Smart IoT Communication : Context Specific Data Pruning in Smart IoT Applications	TSDSI-SGSS-NIP230-V1.1.0-20200302	Accepted
10	<a href="#">NIP 230</a>	Smart IoT Communication : Context Specific Data Pruning in Smart IoT Applications	TSDSI-SGSS-NIP230-V1.0.0-20200227	Accepted

11	<a href="#">NIP 229</a>	Study and develop Dynamic Spectrum Access architecture for cognitive use of DTV and other licensed bands for communication without restriction of static protection contours	TSDSI-SGN-NIP229-V1.0.0-20200225	Accepted
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[For complete details of the NIP please click here](#)

**“List of Study Item status update”**

S. No.	Work Item	Name	Version	Status
1	<a href="#">SI69</a>	Study Item on Rural Broadband Architecture	TSDSI-SGSS-SI69-V1.0.0-20200327	Initiated
2	<a href="#">SI68</a>	Reducing Threat Using DNS	TSDSI-SGSS-SI68-V1.0.0-20200327	Initiated

[For complete details of the Study Items please click here](#)

**“List of SWIP Status Update”**

S. No.	SWIP	Name	Version	Status
1	<a href="#">SWIP647</a>	Enhancement of flexible UL/DL resource utilization in IAB	TSDSI-SGN-SWIP647-V1.0.0-20200302	Accepted
2	<a href="#">SWIP648</a>	Enhancement of flexible UL/DL resource utilization in Release 17	TSDSI-SGN-SWIP648-V1.0.0-20200302	Accepted
3	<a href="#">SWIP649</a>	CR for 38.331	TSDSI-SGN-SWIP649-V1.0.0-20200302	Accepted
4	<a href="#">SWIP640</a>	Reply to Response by TSDSI fork proponents_Airtel_round_2_ver7 3	TSDSI-SGN-SWIP640-V2.0.0-20200304	Accepted
5	<a href="#">SWIP650</a>	Introduction of Indian Satellite System NAVIC in GERAN. (CR for TS 49.031)	TSDSI-SGN-SWIP650-V1.0.0-20200304	Accepted
6	<a href="#">SWIP651</a>	Introduction of Indian Satellite System NAVIC in UMTS (CR for TS 25.305)	TSDSI-SGN-SWIP651-V1.1.0-20200304	Accepted
7	<a href="#">SWIP652</a>	Introduction of Indian Satellite System NAVIC in UMTS. (CR for TS 25.306)	TSDSI-SGN-SWIP652-V1.1.0-20200304	Accepted
8	<a href="#">SWIP653</a>	Introduction of Indian Satellite System NAVIC in UMTS. (CR for TS 25.331)	TSDSI-SGN-SWIP653-V1.1.0-20200304	Accepted

9	<a href="#">SWIP654</a>	Introduction of Indian Satellite System NAVIC in UMTS. (CR for TS 25.413)	TSDSI-SGN-SWIP654-V1.1.0-20200304	Accepted
10	<a href="#">SWIP655</a>	Introduction of Indian Satellite System NAVIC in UMTS. (CR for TS 25.423)	TSDSI-SGN-SWIP655-V1.1.0-20200304	Accepted
11	<a href="#">SWIP656</a>	Introduction of Indian Satellite System NAVIC in UMTS. (CR for TS 25.433)	TSDSI-SGN-SWIP656-V1.1.0-20200304	Accepted
12	<a href="#">SWIP657</a>	Introduction of Indian Satellite System NAVIC in UMTS(CR for TS 25.453)	TSDSI-SGN-SWIP657-V1.1.0-20200304	Accepted
13	<a href="#">SWIP658</a>	Introduction of Indian Satellite System NAVIC in GERAN.(CR for TS 43.059)	TSDSI-SGN-SWIP658-V1.1.0-20200304	Accepted
14	<a href="#">SWIP659</a>	Introduction of Indian Satellite System NAVIC in GERAN. (CR for TS 44.031)	TSDSI-SGN-SWIP659-V1.1.0-20200304	Accepted
15	<a href="#">SWIP660</a>	Introduction of Indian Satellite System NAVIC in GERAN. (CR for TS 44.071)	TSDSI-SGN-SWIP660-V1.1.0-20200304	Accepted
16	<a href="#">SWIP661</a>	Introduction of Indian Satellite System NAVIC in GERAN. (CR for TS 45.005)	TSDSI-SGN-SWIP661-V1.1.0-20200304	Accepted
17	<a href="#">SWIP662</a>	DCS reference model over 3GPP mobile networks	TSDSI-SGSS-SWIP662-V1.0.0-20200305	Accepted
<a href="#">For complete details of the SWIP please click here and select SWIP</a>				