BUREAU OF INDIAN STANDARDS

Program of Work

LITD 22 : Geospatial Information

Scope: To prepare Indian standards in the field of geospatial information including methods, tools, products, services for objects or phenomenon that are directly or indirectly associated with a location relative to the earth.

Liaison: **ISO TC-211 (P):** *Geographic information/Geomatics*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 13393 : 2024 ISO 6709:2022 ISO 6709:2022	Standard Representation of Geographic Point Location by Coordinates (Second Revision)		-	Identical under dual numbering
2	IS 13393 : 2017 ISO 6709 Reviewed In : 2023 ISO 6709:2022	Standard representation of geographic point location by coordinates (First Revision)	March, 2023	-	Identical under dual numbering
3	IS 16439 : 2016 Reviewed In : 2022	Metadata standard for geospatial information	May, 2022	-	Indigenous
4	IS 16554 : 2017 Reviewed In : 2023	Data exchange standard for geospatial information	July, 2023	-	Indigenous
5	IS 16626 : 2017 ISO 19136 : 2007 Reviewed In : 2023 ISO 19136-1 : 2007	Geographic information - Geography markup language (GML)	August, 2023	-	Identical under dual numbering
6	IS 16626 (Part 2) : 2018 ISO 19136-2 : 2015 Reviewed In : 2024 ISO 19136-2 : 2015	Geographic information - Geography markup language (GML): Part 2 extended schemas and encoding rules	August, 2024	-	Identical under dual numbering
7	IS 16699 : 2018 ISO 19128 : 2005 Reviewed In : 2024 ISO 19128 : 2005	Geographic information - Web map server interface	January, 2024	-	Identical under dual numbering
8	IS 16701 : 2021 ISO 19142: 2010 Reviewed In : 2024 ISO 19142: 2010	Geographic information — Web Feature Service	August, 2024	-	Identical under dual numbering
9	IS 16966 : 2018 ISO 19132 : 2007 Reviewed In : 2024 ISO 19132 : 2007	Geographic Information — Location-Based Services — Reference Model	May, 2024	-	Identical under dual numbering
10	IS 16967 : 2018 ISO 19133 : 2005 Reviewed In : 2024	Geographic information - Location - Based services - Tracking and navigation	May, 2024	-	Identical under dual numbering

	ISO 19133 : 2005				
11	IS 16968 : 2018 ISO 19134 : 2007 Reviewed In : 2024 ISO 19134 : 2007	Geographic information - Location - Based services - Multimodal routing and navigation	July, 2024	-	Identical under dual numbering
12	IS 16970 : 2018 ISO 19109 : 2015 Reviewed In : 2024 ISO 19109 : 2015	Geographic information - Rules for applications schema	July, 2024	-	Identical under dual numbering
13	IS 17007 : 2018 ISO 19103 : 2015 Reviewed In : 2024 ISO 17007:2009	Geographic information - Conceptual schema language	April, 2024	-	Identical under single numbering
14	IS 18565 (Part 1) : 2024 ISO 19157-1 :2023 ISO 19157-1 :2023	Geographic information ï¿½ Data quality Part 1 General requirements		-	Identical under dual numbering
15	IS 18565 (Part 2) : 2024 ISO/TS 19157-2 ISO/TS 19157-2	Geographic Information Data Quality Part 2: XML Schema Implementation		-	Identical under dual numbering
16	IS 18594 : 2024 ISO 19152:2012 ISO 19152:2012	Geographic information ï¿½ Land Administration Domain Model (LADM)		-	Identical under dual numbering
17	IS 18620 (Part 1) : 2024 ISO 19168-1:2020 ISO 19168-1:2020	Geographic information ï¿½ Geospatial API for features ï¿½ Part 1: Core		-	Identical under dual numbering
18	IS 18793 (Part 1) : 2024 ISO 19101-1:2014 ISO 19101-1:2014	Geographic Information Reference Model Part 1: Fundamentals		-	Identical under dual numbering
19	IS 18793 (Part 2) : 2024 ISO 19101-2:2018 ISO 19101-2:2018	Geographic information Reference model Part 2: Imagery		-	Identical under dual numbering

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
1	LITD 22 (25214)	DataContent Standard for Geospatial Information - Part 2 Forestry

Preliminary Draft Standards

SI. No.	Doc No.	Title
1	LITD 22 (25213)	DataContent Standard for Geospatial Information Part 1 - Soils
2	LITD 22 (25215)	DataContent Standard for Geospatial Information - Part 3 Geology
3	LITD 22 (25845)	Geospatial Information Functional Areas Administrative Boundaries
4	LITD 22 (26403) Revision of: IS 16439:2016	Metadata Standard for Geospatial Information

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
		No Records Found

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	LITD 22 (23096)	Airborne LiDAR data acquisition Part 1 Requirements
2	LITD 22 (25216)	Navic Receiver
3	LITD 22 (25536)	Geographic Information Conceptual Schema Language
4	LITD 22 (25537)	Geographic Information Land Administration Domain Model LADM

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
1	LITD 22 (22759)	Geographic information Geospatial API for features Part 2 Coordinate Reference Systems by Reference
2	LITD 22 (23729) Revision of: IS 16626:2017	Geographic information Geography Markup Language GML Part 1 Fundamentals
3	LITD 22 (23732)	Geographic information Conformance and testing

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
		No Records Found

Total Published Standards:12 Total Standards Under development:12

Aspect Wise Report

Product : 0
Code of Practices : 1
Methods of Test : 0
Terminology : 0
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 17
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
		No Records Found

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
		No Records Found