

# 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 : 2017 ISO 6709 <span style="color: green;">Reviewed In : 2023</span> ISO 6709	Standard representation of geographic point location by coordinates (First Revision)	March, 2023	-	Identical under dual numbering
2	IS 16439 : 2016 <span style="color: green;">Reviewed In : 2022</span>	Metadata standard for geospatial information	May, 2022	-	Indigenous
3	IS 16554 : 2017 <span style="color: green;">Reviewed In : 2023</span>	Data exchange standard for geospatial information	July, 2023	-	Indigenous
4	IS 16626 : 2017 ISO 19136 : 2007 <span style="color: green;">Reviewed In : 2023</span> ISO 19136-1 : 2007	Geographic information - Geography markup language (GML)	August, 2023	-	Identical under dual numbering
5	IS 16626 (Part 2) : 2018 ISO 19136-2 : 2015 <span style="color: green;">Reviewed In : 2024</span> ISO 19136-2 : 2015	Geographic information - Geography markup language (GML): Part 2 extended schemas and encoding rules	August, 2024	-	Identical under dual numbering
6	IS 16699 : 2018 ISO 19128 : 2005 <span style="color: green;">Reviewed In : 2024</span> ISO 19128 : 2005	Geographic information - Web map server interface	January, 2024	-	Identical under dual numbering
7	IS 16701 : 2021 ISO 19142: 2010 <span style="color: green;">Reviewed In : 2024</span> ISO 19142: 2010	Geographic information — Web Feature Service	August, 2024	-	Identical under dual numbering
8	IS 16966 : 2018 ISO 19132 : 2007 <span style="color: green;">Reviewed In : 2024</span> ISO 19132 : 2007	Geographic Information — Location-Based Services — Reference Model	May, 2024	-	Identical under dual numbering
9	IS 16967 : 2018 ISO 19133 : 2005 <span style="color: green;">Reviewed In : 2024</span> ISO 19133 : 2005	Geographic information - Location - Based services - Tracking and navigation	May, 2024	-	Identical under dual numbering
10	IS 16968 : 2018 ISO 19134 : 2007	Geographic information - Location - Based services - Multimodal	July, 2024	-	Identical under dual numbering

	Reviewed In : 2024 ISO 19134 : 2007	routing and navigation			
11	IS 16970 : 2018 ISO 19109 : 2015 Reviewed In : 2024 ISO 19109 : 2015	Geographic information - Rules for applications schema	July, 2024	-	Identical under dual numbering
12	IS 17007 : 2018 ISO 19103 : 2015 Reviewed In : 2024 ISO 17007:2009	Geographic information - Conceptual schema language	April, 2024	-	Identical under single numbering
13	IS 18565 (Part 1) : 2024 ISO 19157-1 :2023 ISO 19157-1 :2023	Geographic information $i_1/2$ Data quality Part 1 General requirements		-	Identical under dual numbering
14	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
15	IS 18594 : 2024 ISO 19152:2012 ISO 19152:2012	Geographic information $i_1/2$ Land Administration Domain Model (LADM)		-	Identical under dual numbering
16	IS 18620 (Part 1) : 2024 ISO 19168-1:2020 ISO 19168-1:2020	Geographic information $i_1/2$ Geospatial API for features $i_1/2$ Part 1: Core		-	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 (25216)	Navic Receiver
4	LITD 22 (25845)	Geospatial Information Functional Areas Administrative Boundaries
5	LITD 22 (26403) <span style="color: green;">Revision of: IS 16439:2016</span>	Metadata Standard for Geospatial Information

#### Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	LITD 22 (25536) <span style="color: green;">Revision of: IS 17007:2018</span>	Geographic Information Conceptual Schema Language
2	LITD 22 (25537) <span style="color: green;">Revision of: IS 18594:2024</span>	Geographic Information Land Administration Domain Model LADM

#### Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	LITD 22 (23096)	Airborne LiDAR data acquisition Part 1 Requirements
2	LITD 22 (23733)	Addressing Part 1 Conceptual model
3	LITD 22 (23736)	Addressing Part 3 Address data quality
4	LITD 22 (23737)	Addressing Part 4 International postal address components and template language

### 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
1	LITD 22 (22758) Revision of: IS 13393:2017	Standard representation of geographic point location by coordinates Second Revision
2	LITD 22 (23730)	Geographic Information Reference Model Part 1 Fundamentals
3	LITD 22 (23731)	Geographic information Reference model Part 2 Imagery

Total Published Standards:12 Total Standards Under development:18

### Aspect Wise Report

Product : 0  
Code of Practices : 1  
Methods of Test : 0  
Terminology : 0  
Dimensions : 0  
System Standard : 0  
Safety Standard : 0  
Others : 15  
Service Specification : 0  
Process Specification : 0  
Unclassified : 0

### Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
<i>No Records Found</i>		

### Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
<i>No Records Found</i>		