



BUREAU OF INDIAN STANDARDS/भारतीय मानक ब्यूरो
Electronics and IT Department/इलेक्ट्रॉनिक्स और सूचना प्रौद्योगिकी विभाग
19th meeting of Data Management System Sectional Committee, LITD 15
(Hybrid Meeting)

Date	03 November 2023
Time	10:30 AM - 1:00 PM
Meeting link (for remote participation)	https://bismanak.webex.com/bismanak/j.php?MTID=m7de8e68cff1f588d1790602cf8b4d450
Meeting ID	2515 862 9947
Password	LITD15@BIS
Venue (F2F participation)	Lal C Verma Hall, BIS HQ, New Delhi

Chairman: Shri Ramesh Radhakrishnan, Scientist – G & DDG, NIC

Member Secretary: Ms. Jyoti Kushwaha

Members Present: List of Participants is given at [ANNEX1](#)

MINUTES

ITEM 0 WELCOME

0.1 The Member Secretary welcomed all the members to the Nineteenth meeting of LITD 15. After introduction of the members, the Member Secretary requested the Chairperson to kindly deliver his welcome address and initiate the proceedings.

0.2 Shri Ramesh Radhakrishnan extended warm welcome to all the members present and requested all the members for their effective and constructive contribution in standardization activities of the committee. He emphasized on the importance of active participation of the members in the committee meetings and urged members to contribute meaningfully to the formulation of standards under this committee.

0.3 He then requested member secretary to carry on with the further agenda items.

ITEM 1 FORMAL CONFIRMATION OF THE MINUTES OF THE LAST MEETING

1.1 The committee formally confirmed the minutes of the last (18th) meeting of Data Management Systems Sectional Committee, LITD 15, which was held on 29 May 2023 were circulated vide email dated 04 July 2023 since no comments were received..

ITEM 2 SCOPE & COMPOSITION OF SECTIONAL COMMITTEE

2.1 The committee noted the scope and composition of the 'Data Management System' Sectional Committee, given in clause 2.1 and 2.2 of the agenda.

2.2 The committee decided that organizations who have neither participated regularly in three meetings nor contributed by way of commenting on any of the documents would be once again requested to consider active participation in the committee work and if required fresh nominations may be sought.

2.2.1 Indian Statistical Institute,

2.2.2 IIT Bombay

2.2.3 Ministry of Electronics and Information Technology (MeitY)

2.2.4 Microsoft Corporation (India) Private Limited

The committee also decided that in case of no response from such organizations, the organizations would be recommended for withdrawal in consultation with the chairperson LITD 15.

ITEM 3 DRAFT INDIAN STANDARDS UNDER DEVELOPMENT

3.1 The committee finalized the following documents for publishing as Indian standards:

S. No	Document Number	Document Title	Doc Type
1.	LITD/15/19974 (Identical To: ISO/IEC TR 9789 : 1994)	Information technology - Guidelines for the organization and representation of data elements for data interchange Coding methods and principles	New
2.	LITD/15/22628 IS/ISO/IEC 11179 : Part 3: 2013 (Identical To: ISO/IEC 11179-3:2023)	Information Technology - Metadata Registries MDR Part 3 Registry Metamodel and Basic Attributes	Revision
3.	LITD/15/22597 IS 10680 : Part 1: 2016 (Identical To: ISO/IEC 1539-1:2018)	Information technology Programming languages Fortran Part 1: Base language First Revision	Revision
4.	LITD/15/22629 IS/ISO/IEC 9075 : Part 13: 2016 (Identical To: ISO/IEC 9075-13:2023)	Information Technology Database Languages SQL Part 13 SQL Routines and Types Using the JavaTM Programming Language SQL JRT	Revision
5.	LITD/15/22630 IS/ISO/IEC 9075 : Part 14: 2016 (Identical To: ISO/IEC 9075-14:2023)	Information Technology Database Languages SQL Part 14 XML Related Specifications SQL XML	Revision

3.2 It was informed by Shri Shivashankar V Maddanimath that comments were received on document LITD/15/22598 for revision of IS 10681: 1983 (Identical To: ISO/IEC 1989:2014) , Information technology Programming languages their environments and system software interfaces Programming language COBOL. The comments to be shared with the committee and further action will be decided based on the resolution of the comments.

ITEM 4 REVIEW OF PUBLISHED STANDARDS

4.1. The committee discussed on the information as given at Item 4.1 of the agenda and decided to revise the standards in line with their corresponding ISO/IEC standards except for standard mentioned at S. no 6 which is to be reaffirmed.

S. No	IS No. & Title	Corresponding International Standard	Degree of Equivalence	Present status of International Standards	Reaffirmation due date	Decision
1.	IS/ISO/IEC 5218 : 2004	Information Technology Codes for the Representation of Human Sexes	Identical	Revised by ISO/IEC 5218:2022	Aug-25	The committee decided to revise IS/ISO/IEC 5218 : 2004 based on ISO/IEC 5218:2022
2.	IS/ISO/IEC 9075-1 : 2016	Information Technology Database Language SQL Part 1 Framework (SQL / Framework)	Identical	Revised by ISO/IEC 9075-1:2023	Oct-25	The committee decided to revise IS/ISO/IEC 9075-1 : 2016 based on ISO/IEC 9075-1 : 2023
3.	IS/ISO/IEC 11179-1 : 2015	Information Technology — Metadata Registries (MDR) Part 1 Framework	Identical	Revised by ISO/IEC 11179-1:2023	Oct-25	The committee decided to revise IS/ISO/IEC 11179-1 : 2015 based on ISO/IEC 11179-1 : 2023
4.	IS/ISO/IEC 11179-6 : 2015	Information Technology — Metadata Registries (MDR) Part 6 Registration	Identical	Revised by ISO/IEC 11179-6:2023	Oct-25	The committee decided to revise IS/ISO/IEC 11179-6 : 2015 based on ISO/IEC 11179-6 : 2023
5.	IS 13792 : 2018 ISO/IEC 8652:2012	Information technology - Programming languages - Ada (First Revision)	Identical under dual numbering	Revised by ISO/IEC 8652:2023	Apr-24	The committee decided to revise IS 13792 : 2018 based on ISO/IEC 8652:2023
6.	IS/ISO/IEC 14882 : 2020	Programming Languages C++	Identical under single numbering	Document has been taken up for revision and is presently at DIS stage	Oct-23	The committee decided to reaffirm the standard and revise it later when international standard is published

The committee decided to issue the draft standards for revision by issuing in Wide Circulation (WC) for a period of two months.

ITEM 5 PROGRAM OF WORK OF LITD 15

- 5.1.** The committee noted the information as given at Item 4.1 of the agenda.
- 5.2.** The committee suggested to peruse the list of published standards to ensure that the standards are in relevance to the scope of work. The members were requested to go through the POW and share their comments over email.
- 5.3.** It was decided to take up the review of standards in the next meeting.

ITEM 6 INTERNATIONAL STANDARDIZATION ACTIVITIES

- 6.1.** The committee noted the information given under item 6.1 of the agenda.
- 6.2.** The committee noted the information given under item 6.2 of the agenda. The member secretary emphasized on active participation of the members in ISO working groups. Members were advised to attend the meetings and to make a practice of submitting report to BIS. In this regard, the committee reviewed the list of experts nominated in various WGs of SC 17 & 31 given in Annex 6 of the agenda and further Nomination were sought. The following nominations were decided to be registered as experts and document monitor during the meeting:
 - 6.2.1.** Mr. Dheeraj Jha (Capgemini, Noida) as an expert in the ISO/IEC JTC 1/SC22/WG 23
 - 6.2.2.** Mr. Shivashankar V Maddanimath (Collins Aerospace, Bengaluru) as an expert in the ISO/IEC JTC 1/SC22/WG 23
 - 6.2.3.** Ms. Jyoti Kushwaha as expert in ISO/IEC JTC 1/SC 22/WG 4, ISO/IEC JTC 1/SC 22/WG 14, SC 22/WG 21, SC 22/WG23, ISO/IEC JTC 1/SC 32/WG 1, ISO/IEC JTC 1/SC 32/WG 2, ISO/IEC JTC 1/SC 32/WG 3, ISO/IEC JTC 1/SC 32/WG 6, ISO/IEC JTC 1/SC 34/JWG 7, ISO/IEC JTC 1/SC 34/WG 6
 - 6.2.4.** Ms. Jyoti Kushwaha, Member Secretary as Committee member in ISO/IEC JTC 1/SC 22, ISO/IEC JTC 1/SC 32, ISO/IEC JTC 1/SC 34
 - 6.2.5.** Ms. Jyoti Kushwaha, Member Secretary in the ISO/IEC JTC 1/SC 22/WG 5, ISO/IEC JTC 1/SC 22/WG 9, ISO/IEC JTC 1/SC 22/WG 17, ISO/IEC JTC 1/SC 22/WG 24, ISO/IEC JTC 1/SC 34/WG 4, ISO/IEC JTC 1/SC 34/WG 9, ISO/IEC JTC 1/SC 34/WG 10 as document monitor.

It was decided that the additional nominations will also be sought over email after the meeting and the same to be included in the Global directory with the approval of the Chair.

- 6.3.** The committee noted the information given under item 6.3 of the agenda. Member Secretary was requested to review the list of published standards and circulate the list of the standards identified based on relevance for consideration of committee over email. Based on the inputs from members this list is to be put up in the next meeting.
- 6.4.** The committee noted the information given under item 6.4 of the agenda. Members were requested to identify the documents for contribution based on their area of expertise.
- 6.5.** The committee noted the information given under item 6.5 of the agenda. Member Secretary mentioned that it was of utmost importance that the ballot documents may be reviewed by the members and comments on the same were furnished and ensure our participation as “P” member of the respective SCs of ISO.

6.6. The committee noted the information given under Item 6.6 of the agenda regarding the recently held Meetings of ISO/IEC/JTC 1 SC 22 and ISO/IEC/JTC 1 SC 34. A brief report of participation was shared by the delegates who had attended the meeting virtually.

6.7. The committee noted the information given under Item 6.7 of the agenda regarding the upcoming Meetings of various Working Groups of ISO/IEC/JTC 1 SC 22 and ISO/IEC/JTC 1 SC 32.

Based on the discussions, the following delegation was proposed for WG 14 being held during 22-26 Jan 2024 in Hybrid mode in France. It is expected to be a ballot resolution meeting for DIS 9899 (the C standard) where comments have been provided by NMC:

- Mr. Shivashankar V Maddanimath D, Remote participation
- Ms. Jyoti Kushwaha, Remote participation

ITEM 7 RESEARCH & DEVELOPMENT PROJECTS FOR FORMULATION AND REVIEW OF STANDARDS

7.1. The committee noted the information given under item 7.1 of the agenda. Member Secretary explained the guidelines for Research & Development Projects for Formulation and Review of Standards. It was emphasized that any development of standard or revision will be reviewed based on the need of R&D.

7.2. The chairman proposed creation of ToR on “Identification of privacy protection requirements as external constraints on business transactions from business operational view” which was agreed by all members. Member Secretary was requested to create the ToR on the said subject and circulate to all members vide email for seeking inputs of all committee members. If no comments are received the ToR will be finalized as approved in consultation with the chairman.

ITEM 8 EMERGING AREAS FOR STANDARDIZATION

8.1. The committee noted the information given under item 8.1 of the agenda.

ITEM 9 INFORMATION ON E-SALE OF STANDARDS BY BIS

9.1. The committee noted the information given under item 9.1 of the agenda

ITEM 10 PROCESS REFORMS IN STANDARDIZATION ACTIVITY OF BIS

10.1. The committee noted the information given under item 10.1 of the agenda. Further, reforms and initiatives taken in the standardization activity of BIS were informed to the committee. The member secretary once again emphasized on the importance of participation of members in the committee meeting and harmonization of the standards.

ITEM 11 NATIONAL INSTITUTES FOR TRAINING IN STANDARDISATION (NITS)

11.1. The committee noted the information given under item 11 of the agenda.

ITEM 12 eBIS Portal (www.manakonline.in)

12.1. The committee noted the information given under item 12 of the agenda. A brief demonstration of the portal was given and the members were further requested to login on eBIS portal and participate in the standardization activity through the portal itself.

ITEM 13 DATE AND PLACE FOR THE NEXT MEETING

It was decided to convene the next meeting in first week of January. The exact date and place for the next meeting will be decided in consultation with the Chairman.

ITEM 14 ANY OTHER BUSINESS

There being no other business, the meeting ended with a hearty vote of thanks to the Chairperson and members.

ANNEX 1

LITD 15- Data Management System Sectional Committee Participants for 19th Meeting

S. No.	Member Name	Organization	Role
1.	Shri Dheeraj Jha	Capgemini, Noida	Principal Member
2.	Shri Shivashankar V Maddanimath	Collins Aerospace, Bengaluru	Principal Member
3.	Shri Avneesh Singh	DAISY Consortium, New Delhi	Principal Member
4.	Dr. A. Paventhan	ERNET India, New Delhi	Principal Member
5.	Shri Ankur Satle	EXFO India Private Limited, Pune	Principal Member
6.	Shri Arvind Agarwal	IBM India Private Limited, Bengaluru	Principal Member
7.	Mr. Yogesh Simmhan	Indian Institute of Science, Bengaluru	Principal Member
8.	Prof S. K. Neogy	Indian Statistical Institute, Kolkata	Alternate Member