

ISO/IEC JTC1 SC32 N2521

Date: 2014-06-13

REPLACES: --

ISO/IEC JTC1 SC32

Data Management and Interchange

Secretariat: United States of America (ANSI)

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**JTC1/SC32 Plenary Resolutions,
2014-06-13
Beijing**

Section 1 - Programme of Work Resolutions

Resolution 1: SC 32 Project Subdivisions

SC 32 approves the following subdivisions and minor enhancements to existing work:

A consolidated list of Project Subdivisions will be prepared by the SC32 Secretary and attached to the resolutions after the meeting.

Project Number	Title	Project Editor	Rationale
1.32.15.03.02.00	11179-2 Ed 3 Classifications (new edition)	Frank Farance	Rationale 2/1
1.32.15.01.07.00	11179-7 Datasets	Denise Warzel	Rationale 2/2
1.32.15.01.08.00	11179-8 Data Provenance	Denise Warzel	Rationale 2/3
1.32.22.01.14.00	19763-14 Metamodel for dataset registration	Denise Warzel	Rationale 2/5
1.32.22.01.15.00	19763-15 Metamodel for data provenance registration	Denise Warzel	Rationale 2/6
1.32.02.01.01.00	TR 19583-1 Metadata Concepts	Sungjoon Lim, Jangwon Gim	Rationale 2/4
1.32.02.01.02.00	TR 19583-2 Metadata Usage	Dongwon Jeong, Denise Warzel, Steve Harris	Rationale 2/4
1.32.03.08.15.00	SQL – Part 15: Multi Dimensional Arrays	Peter Baumann Jim Melton	Rationale 3/1
1.32.09.01.05.00	TR 19075-6 SQL Technical Reports – Part 6: SQL Support for JSON	Fenglin Wei Ying Li Jim Melton	Rationale 3/2
1.32.03.08.01.02	COR 9075-1 SQL:2011 Corrigendum 2	Stephen Cannan	Rationale 3/3
1.32.03.08.02.02	COR 9075-2 SQL:2011 Corrigendum 2	Stephen Cannan	Rationale 3/3
1.32.03.08.04.02	COR 9075-4 SQL:2011 Corrigendum 2	Stephen Cannan	Rationale 3/3
1.32.03.08.11.02	COR 9075-11 SQL:2011 Corrigendum 2	Stephen Cannan	Rationale 3/3
1.32.03.08.14.02	COR 9075-14 SQL:2011 Corrigendum 2	Stephen Cannan	Rationale 3/3

and SC 32 instructs its Secretariat to forward these proposed subdivisions to JTC 1 for endorsement.

Rationale Summary:

Rationale 2/1: ISO/IEC 11179-2

11179-2:2005 Classifications is no longer consistent with the 11179-3:2013, which includes a clause 9.2 Classifications Metamodel Region and Clause 11 Concepts Region. Part 2 Ed 3 should address use of Classifications, which is not within the scope of 11179-3:2013. Two options were discussed for part 2: Withdraw or Split. The published standards make no reference to editions, so withdrawing Part 2 could cause existing customers confusion or problems with compliance. The WG feels that a split to produce Part 2 Ed3 WD to harmonize with Ed 3 is needed, adding more explanation for creating and using Classifications, and adding references in the Bibliography to

existing work on classifications. This part should refer to content already covered in 11179-3:2013, not repeat it. The WG reserves the option to change this part to a TR after the WD is developed. The rationale for leaving this part in 11179 versus adding to TR 19583 is that existing users of 11179 expect to find information related to Classifications in 11179, not somewhere else. This subdivision is within the scope of the original work item proposal.

Rationale 2/2: ISO/IEC 11179-7

WG2 recognizes that the discovery and use of public or private datasets requires metadata in the categories of volume, variety, velocity (frequency of updates), veracity (completeness and accuracy), value (purpose), and semantics of the data. This subdivision will support the standardization of the metadata required to meet these needs as an extension of ISO/IEC 11179. This subdivision is within the scope of the original work item proposal.

Rationale 2/3: ISO/IEC 11179-8

WG2 recognizes that discovery and use of public or private data add/or datasets requires metadata about the creation, curation, ownership, and custody of the data. This subdivision will support the standardization of the metadata required to meet these needs as an extension of ISO/IEC 11179. This subdivision is within the scope of the original work item proposal.

Rationale 2/4: ISO/IEC TR 19583-1, -2

This was previously accepted in Korea 2013 SC32 Plenary Resolutions 32N2375 and justified by rationale presented in NWIP 32N2389 as a project with two parts but the current programme of work in 32N2505 does not specify the parts. This subdivision is within the scope of the original work item proposal.

Rationale 2/5: ISO/IEC 19763-14

WG2 recognizes that the discovery and use of public or private datasets requires metadata in the categories of volume, variety, velocity (frequency of updates), veracity (completeness and accuracy), value (purpose), and semantics of the data. This subdivision will support the standardization of the metadata required to meet these needs as an extension of ISO/IEC 19763. This subdivision is within the scope of the original work item proposal.

Rationale 2/6: ISO/IEC 19763-15

WG2 recognizes that discovery and use of public or private data and/or datasets requires metadata about the creation, curation, ownership, and custody of the data. This subdivision will support the standardization of the metadata required to meet these needs as an extension of ISO/IEC 19763. This subdivision is within the scope of the original work item proposal.

Rationale 3/1: SQL – Multi Dimensional Arrays (MDA)

At the 2011 WG3 interim meeting in Crete, Greece, WG3 began investigating the requirements for the addition of support for multi-dimensional arrays to 9075 standards.

Multidimensional arrays represent a core underlying structure of manifold science and engineering data. 1-dimension sensor data, 2-dimension satellite images and microscope scans, 3-dimension x/y/t image time series and x/y/z voxel models, 4-dimension climate models, simulations and higher dimensional data are at heart of virtually all domains. Arrays have an essential role in Big Data and should become an integral part of the overall data type orchestration in information systems.

Current SQL array handling is limited to a single dimension with basic operations. WG3 proposes to add a generic array data model and SQL query language extensions that are upwardly compatible expansions of the relational SQL paradigm.

At the Beijing WG3 meeting, we reviewed a document (WG3:PEK-031r1) that is close to serving as a base document for this addition. WG3 proposes to integrate this work as a new part of the ISO/IEC 9075 family of standards. Creating a new part allows the efforts to progress slightly after the next version of the current nine parts of 9075. A separate part also provides more visibility for the feature than if it were integrated into 9075 part 2, SQL/Foundation.

WG3 knows of one patent that touches on this topic area. However, this patent is for one method of physically storing multi-dimensional arrays and so is completely unrelated to the logical interface proposed for this new part.

WG3 therefore proposes to subdivide project number 1.32.03.08 to create a new subproject, 1.32.03.08.15, SQL/MDA – Multi Dimensional Arrays, with a forty-eight month time-frame. This subdivision is within the scope of the original work item proposal.

Rationale 3/2: SQL Technical Reports – Part 6: SQL Support for JSON

At this 2014 WG3 meeting in Beijing, WG3 accepted a set of change proposals adding support for storing, querying, and retrieving Java Script Object Notation (JSON) objects in SQL/Foundation (9075 part 2).

The proposals adding this feature to SQL/Foundation contain a great deal of explanatory material that, while valuable, is not normative. WG3 has an informal working draft of this material available at this meeting. We expect to progress this material one step ahead of the next version of 9075-2. This subdivision is within the scope of the original work item proposal.

Rationale 3/3: 9075:2011 (SQL) Corrigendum 2—multiple parts

While WG3 has made great efforts to ensure that the five parts of 9075:2011 are consistent and error free, we anticipate finding new issues during future development. In December, 2013, WG3 published Corrigendum 1. If we accumulate enough items by the end of the 2014 interim WG3 meeting to justify publication of a second Technical Corrigendum, we would like to progress it immediately. However, if WG3 does not have enough items, it will not need a second Technical Corrigendum for SQL:2011. Therefore, WG3 requests permission to request a project subdivision for a second Technical Corrigendum at its next interim meeting. This subdivision is within the scope of the original work item proposal.

Voted and Accepted (except 2nd through 5th projects)

Unanimous

Voted and Accepted (2nd through 5th projects)

*5 - YES
1 – NO (Japan)
0 - Abstain*

Resolution 2: SC32 Project Withdrawals

SC 32 approves the following withdrawals from existing work:

A consolidated list of Project Withdrawals will be prepared by the SC32 Secretary and attached to the resolutions after the meeting.

Project Number	Title	Rationale Doc #

and SC32 instructs its Secretariat to forward these withdrawals to JTC1 for endorsement and action.

*Voted and Accepted
Voted and Rejected*

*Unanimous
X - YES
X - NO
X - Abstain*

Resolution 3: Standards Due for Periodic Review

SC32 approves the following actions on standards due for periodic review:

A consolidated list of Standards Due for Periodic Review will be prepared by the SC32 Secretary and attached to the resolutions after the meeting.

Project Number	Title	Recommendation

and SC 32 instructs its Secretariat to inform the ITTF of the above recommendations.

Voted and Accepted
Voted and Rejected

Unanimous
X - YES
X - NO
X - Abstain

Resolution 4: SC 32 New Projects

SC32 approves the following proposals for new work:

A consolidated list of New Projects will be prepared by the SC32 Secretary and attached to the resolutions after the meeting.

Title	NWI Doc #
Metadata: Datasets	To be supplied
Metadata: Data provenance	To be supplied

and SC 32 instructs its Secretariat to issue NWIP ballots for these proposals to SC 32 member bodies, upon receipt of texts.

Voted and Accepted

Unanimous

Resolution 5: SC32 Project Suspensions

SC 32 approves the following temporary suspensions of active work items to status "0".

A consolidated list of Project Withdrawals will be prepared by the SC32 Secretary and attached to the resolutions after the meeting.

Project Number	Title	Rationale Doc #
1.32.31.01.11.00	NP 15944-11 Business operational view - Part 11: Descriptive Techniques for foundational modeling in open-edi	Rationale 2/1

and SC32 instructs its Secretariat to forward these suspensions to JTC1 for endorsement and action, if required.

Rationale Summary:

Rationale 2/1:

Based on information received that UN/CEFACT is considering revising its technical framework, including methodologies such as UMM, SC32/WG1 has decided that it is appropriate to suspend its work on project ISO/IEC 15944-11. SC32/WG1 intends to resume the development work on this project when the requirements for foundation modelling from UN/CEFACT are clarified.

Voted and Accepted

Unanimous

Resolution 6: Establishment of Study Groups

SC32 instructs its Secretariat to establish, upon receipt of texts, the following proposals for establishment of study groups:

A consolidated list of proposals for ad hoc groups will be prepared by the SC32 Secretary and attached to the resolutions after the meeting.

Title	Doc #

Voted and Accepted
Voted and Rejected

Unanimous
X - YES
X - NO
X - Abstain

Section 2 - Project Document Resolutions

Resolution 7: Committee Draft (CD) Ballots (CD, PDAM, PDISP, PDTR)

A consolidated list of Committee Draft Documents will be prepared by the SC32 Secretary and attached to the resolutions after the meeting.

Upon receipt of texts and compliance with ISO/IEC and JTC1 requirements, SC32 instructs its Secretariat to register as CDs, PDAMs, PDISPs, PDTRs and issue letter ballots on the following projects:

Project Number	CD	Title	Date Expected
1.32.31.01.12.00	CD 15944-12	Privacy protection requirements on information life cycle management (ILCM)	2014-08-01
1.32.22.01.13.00	CD3 19763-13	Metamodel for forms registration	2014-08-15
1.32.09.02.05.00	PDTR 19075-5	SQL Technical Reports - Part 5: SQL Row Pattern Recognition	2015-01-12
1.32.09.02.06.00	PDTR 19075-6	SQL Technical Reports - Part 6: SQL Support for JSON	2015-01-12
1.32.04.04.01.00	CD 13249-1	Information technology - Database languages - SQL Multimedia and Application Packages - Part 1: Framework	2014-07-01
1.32.04.05.03.00	CD2 13249-3	Information technology - Database languages - SQL Multimedia and Application Packages - Part 3: Spatial	2014-08-01

Voted and Accepted

Unanimous

Resolution 8: Draft Technical Specification (DTS) Ballots

A consolidated list of Draft Technical Specification documents will be prepared by the SC32 Secretary and attached to the resolutions after the meeting.

Upon receipt of texts and compliance with ISO/IEC requirements, SC32 instructs its Secretariat to register as DTS and issue letter ballots for the following projects:

Project Number	DTS	Title	Date Expected

Voted and Accepted
Voted and Rejected

Unanimous
X - YES
X - NO
X - Abstain

Resolution 9: Draft International Standard Ballots (DIS, FPDAM, FPDISP, FPDTR, DCOR)

A consolidated list of Committee Draft Documents will be prepared by the SC32 Secretary and attached to the resolutions after the meeting.

Upon receipt of texts and compliance with ISO/IEC and JTC1 requirements, SC32 instructs its Secretariat to register as DIS and issue ballots on the following projects:

Project Number	DIS	Title	Date Expected
1.32.15.03.01.00	DIS 11179-1	Metadata registries - Framework	2014-07-31
1.32.15.03.06.00	DIS 11179-6	Metadata registries - Registration	2014-07-31
1.32.22.01.07.00	DIS 19763-7	Metamodel for service model registration	2014-11-30
1.32.22.01.08.00	DIS 19763-8	Metamodel for role and goal model registration	2014-11-30
1.32.22.01.13.00	DIS 19763-13	Metamodel for forms registration	2015-01-11
1.32.25.02.00.00	DIS 24707	24707 Common logic	2014-12-31
1.32.22.02.01.00	DIS 19763-1	19763-1 Framework	2014-07-31
1.32.03.08.01.00	DIS 9075-1	SQL/Framework	2015-01-12
1.32.03.08.02.00	DIS 9075-2	SQL/Foundation	2015-01-12
1.32.03.07.03.00	DIS 9075-3	SQL/CLI	2015-01-12
1.32.03.08.04.00	DIS 9075-4	SQL/PSM	2015-01-12
1.32.03.07.09.00	DIS 9075-9	SQL/MED	2015-01-12
1.32.03.07.10.00	DIS 9075-10	SQL/OLB	2015-01-12
1.32.03.08.11.00	DIS 9075-11	SQL/Schemata	2015-01-12
1.32.03.07.13.00	DIS 9075-13	SQL/JRT	2015-01-12
1.32.03.09.14.00	DIS 9075-14	SQL/XML	2015-01-12
1.32.03.07.01.02	DCOR 9075-1:2011 /Cor.2: 2011	SQL - Part 1: Framework (SQL/Framework) Technical Corrigendum 2	2014-11-02
1.32.03.07.02.02	DCOR 9075-2:2011 /Cor 2:2011	SQL - Part 2: Foundation (SQL/Foundation) Technical Corrigendum 2	2014-11-02
1.32.03.07.04.02	DCOR 9075-4:2011 /Cor 2:2011	SQL - Part 4: Persistent Stored Modules (SQL/PSM) Technical Corrigendum 2	2014-11-02
1.32.03.07.11.02	DCOR 9075-11:2011 /Cor 2:2011	SQL - Part 11: Information and Definition Schemas (SQL/Schemata) Technical Corrigendum 2	2014-11-02
1.32.03.07.14.02	DCOR 9075-14:2011 /Cor 2:2011	SQL - Part 14: XML-Related Specifications (SQL/XML) Technical Corrigendum 1	2014-11-02
1.32.04.04.01.00	DIS 13249-1	SQL Multimedia and Application Packages - Part 1: Framework	2015-01-15
1.32.04.05.03.00	DIS 13249-3	SQL Multimedia and Application Packages - Part 3: Spatial	2015-02-15

Voted and Accepted

Unanimous

Resolution 10: Final Draft International Standard (FDIS) Ballots (FDIS, FDAM, DTR)

A consolidated list of Committee Draft Documents will be prepared by the SC32 Secretary and attached to the resolutions after the meeting.

Upon receipt of texts and compliance with ISO/IEC and JTC1 requirements, SC32 instructs its SC32 Secretariat to register as FDISs, FDAMs, DTRs and submit to ITTF for the following projects:

Project Number	FDIS/DTR	Title	Date Expected
1.32.22.01.05.00	FDIS 19763-5	Metamodel for process model registration	2014-09-30
1.32.15.03.05.00	FDIS 11179-5	Naming principles	2014-09-30
1.32.22.01.06.00	FDIS 19763-6	Registry summary	2014-09-30
1.32.22.01.10.00	FDIS 19763-10	Core model and basic mapping	2014-09-30
1.32.22.01.12.00	FDIS 19763-12	Metamodel for information model registration	2014-09-30
1.32.15.03.01.00	FDIS 11179-1	Metadata registries - Framework	2015-01-31
1.32.15.03.06.00	FDIS 11179-6	Metadata registries - Registration	2015-01-31
1.32.22.02.01.00	FDIS 19763-1	Framework	2015-01-31
1.32.22.01.09.00	DTR 19763-9	On demand model selection	2014-11-30
1.32.09.02.02.00	DTR 19075-2	SQL Technical Reports - Part 2: SQL Support for Time-Related Information	2014-08-04
1.32.09.02.03.00	DTR 19075-3	SQL Technical Reports - Part 3: SQL Embedded in Java	2014-08-04
1.32.09.02.04.00	DTR 19075-4	SQL Technical Reports - Part 4: SQL with Java Routines and Types	2014-08-04

Voted and Accepted

Unanimous

Section 3 – Liaison Resolutions/Assignments and Editor Assignments

Resolution 11: SC 32 Internal Liaisons

SC 32 approves the internal and external liaison assignments listed below and the liaisons contained in SC 32 N **2511**, and add the following additions and modifications.

Liaison Organization	WG	SC32/WG Person	Topics and Notes	Doc # rationale
JTC 1/SC 25	WG1	Tim Schoechle, SC32	relevancy between metadata and eBusiness standards in SC32 and gateway and interoperability standards in SC 25/WG 1	Rationale 1

Rationale Summary:

Rationale 1

Liaison to JTC1/SC 25 WG 1—Interconnection of IT equipment/Home electronic system
SC 32 recognizes the relevancy between its work on and data privacy constraints (SC 32 WG1) and work being done in SC 25 WG 1 on home and building gateways (ISO/IEC 15045). SC 32 also recognizes the relevancy between its work on metadata and on metadata registries (SC 32 WG 2) and work being done in SC 25 on interoperability between home and building networks (ISO/IEC 18012).

Voted and Accepted

Unanimous

Resolution 12: SC32 Approval of New External Category “C” Liaisons-

SC 32 instructs its Secretariat to reaffirm and update (if necessary) the following category “C” liaisons:

Liaison Organization	WG	SC32/WG Person	Topics and Notes	Doc #

Voted and Accepted

Voted and Rejected

Unanimous

X - YES

X - NO

X - Abstain

Resolution 13: Project Editor Assignments in general

SC32 approves the Programme of Work, Target Dates and Project Editor assignments contained in SC 32 N **2505** as updated at Beijing.

Voted and Accepted

Unanimous

Resolution 14: Project Editor Assignments for WG 2

SC32 approves the Target Dates and/or Project Editor assignments shown below:

Project Number	Title	Project Editor
1.32.22.01.05.00	19763-5 Metamodel for Process Registration	Co-editor Chong WANG (CN)
1.32.22.01.07.00	19763-7 Metamodel for Service Registration	Co-editor Zaiwen FENG (CN)
1.32.22.01.08.00	19763-8 Metamodel for Role/Goal Registration	Co-editor Fei HE (CN)
1.32.22.01.09.00	19763-9 On Demand Model Selection (ODMS)	Co-editor Jian WANG (CN)
1.32.15.03.06.00	11179-6 Ed 3 Registration	Editor Ray GATES (CA)
1.32.15.03.01.00	11179-1 Ed 3 Framework	Co-editor Frank FARANCE (US)
1.32.22.01.06.00	19763-6 Registry Summary	Editor Tatsumi ADACHI (JP)

Voted and Accepted

Unanimous

Resolution 15: Project Editor Assignments for WG 3

SC32 approves the Target Dates and/or Project Editor Assignments shown below:

9075-1, 2, 3, 4, 9, 10,11, 13, & 14:2016 Editor Jim Melton	Target Date
DIS Ballot	2015-01-12
FDIS Ballot	2015-09-14
SQL:2016 IS	2016-01-17

9075-15:2016 Editor Peter Baumann & Jim Melton	Target Date
CD Ballot	2015-07-06
DIS Ballot	2016-01-04
FDIS Ballot	2016-07-11
SQL/MDA:2016 IS	2016-11-01

SQL 2011 Corrigendum 2 Editor Stephen Cannan (new editors and dates)	Target Date
DCOR Ballot	2014-11-02
Produce COR	2015-03-01

19075-2 SQL Technical Reports - Part 2: SQL Support for Time-Related Information Editor Jörn Bartels & Jim Melton (new dates)	Target Dates
DTR Ballot	2014-08-04
TR	2014-12-08

19075-3 SQL Technical Reports - Part 3: SQL Embedded in Java Editor Jörn Bartels & Jim Melton (new dates)	Target Dates
DTR Ballot	2014-08-04

TR	2014-12-08
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19075-4 SQL Technical Reports - Part 4: SQL with Java Routines and Types Editor Jörn Bartels & Jim Melton (new dates)	Target Dates
DTR Ballot	2014-08-04
TR	2014-12-08

19075-5 SQL Technical Reports - Part 5: SQL Row Pattern Recognition Editor Fred Zemke & Jim Melton (new dates)	Target Dates
PDTR Ballot	2015-01-12
DTR Ballot	2015-09-14
TR	2015-12-06

19075-6 SQL Technical Reports - Part 6: SQL Support for JSON Editor Fenglin Wei, Ying Li & Jim Melton (new editors and dates)	Target Dates
PDTR Ballot	2015-01-12
DTR Ballot	2015-09-14
TR	2015-12-06

Voted and Accepted

Unanimous

Resolution 16: Change of project title

SC 32 approves the changes of project title with no change of scope, and SC 32 instructs its Secretariat to inform the ITTF of the following recommendations.

Project Number	ISO/IEC	Old Title	New Title	Rationale
1.32.22.01.07.00	19763-7	Metamodel for service registration	Metamodel for service model registration	(below)
1.32.22.01.08.00	19763-8	Metamodel for role and goal registration	Metamodel for role and goal model registration	(below)
1.32.22.01.13.00	19763-13	Metamodel for forms registration	Metamodel for form design registration	(below)

Rationale Summary:

The initially approved project title did not accurately reflect the approved scope. The new title now accurately reflects the scope and does not indicate any change in the scope of the project.

Voted and Accepted

Unanimous

Resolution 17: Extension of project limit dates (9075 Parts 3, 9, 10, and 13)

SC 32 requests its Secretariat to request the extension of limit dates for the projects shown below by one year or the maximum time allowed.

The ISO Project Portal is showing very close Limit Dates for the four parts of 9075 that were initiated at the 2012 Berlin Plenary:

Project Reference	Limit Date	Title	Expected DIS Date
ISO/IEC CD 9075-3	2014-06-08	SQL/CLI	2015-01-12
ISO/IEC CD 9075-9	2014-06-08	SQL/MED	2015-01-12
ISO/IEC CD 9075-10	2014-06-08	SQL/OLB	2015-01-12
ISO/IEC CD 9075-13	2014-06-08	SQL/JRT	2015-01-12

Note 3/1:

WG3 immediately requests the maximum available project extension for these four parts shown above that showing very close DIS limit dates for the four parts of 9075 that were initiated at the 2012 Berlin Plenary.

Voted and Accepted

Unanimous

Resolution 18: Extension of project limit dates (9075 Parts 1, 2, 4, 11, and 14)

SC 32 requests its Secretariat to request the extension of limit dates for the projects shown below by one year or the maximum time allowed.

Project Reference	Limit Date	Title	Expected DIS Date
ISO/IEC CD 9075-1	2015-02-04	SQL/Framework	2015-01-12
ISO/IEC CD 9075-2	2015-02-04	SQL/Foundation	2015-01-12
ISO/IEC CD 9075-4	2015-02-04	SQL/PSM	2015-01-12
ISO/IEC CD 9075-11	2015-02-04	SQL/Schemata	2015-01-12
ISO/IEC CD 9075-14	2015-02-04	SQL/XML	2015-01-12

Note 3/2:

WG3 expects to initiate a DIS ballot before this limit date, but should our schedule slip, we may need to request a project extension for these five parts shown above that currently show a DIS limit date of 2015-02-04.

Voted and Accepted

Unanimous

Section 4 - SC32 Administrative Resolutions

Resolution 19: Approval of the SC32 Business Plan

SC32 approves the SC32 Business Plan as revised and contained in part 1 of SC32N **2512** as updated at Beijing.

Voted and Accepted

Unanimous

Resolution 20: SC32 Meeting Calendar

SC 32 approves the following Meeting Calendar and expresses its appreciation to the National Bodies that have volunteered to host future meetings. Working Groups may schedule their own interim meetings but must advise the SC 32 Secretariat of these meetings

From	To	Meeting/Purpose	Location
2014-11-17	2014-11-21	WG1 Interim meeting	Toronto, Canada
2014-11-17	2014-11-21	WG2 Interim meeting	Toronto, Canada
2014-11-17	2014-11-21	WG4 Interim meeting	Toronto, Canada
2014-09-??	2014-09-??	WG3 Interim Meeting	Western Australia? (1) (2)
2015-05-xx	2015-05-xx	SC32 Plenary meeting	Glasgow, Scotland, UK (1) (2)
2015-05-xx	2015-05-xx	WG1 meeting	Glasgow, Scotland, UK (1) (2)
2015-05-xx	2015-05-xx	WG2 meeting	Glasgow, Scotland, UK (1) (2)
2015-05-xx	2015-05-xx	WG3 meeting	Glasgow, Scotland, UK (1) (2)
2015-05-xx	2015-05-xx	WG4 meeting	Glasgow, Scotland, UK (1) (2)
2015-11-?		WG2 Interim meeting	East coast USA? (1) (2)
2015-11-09	2015-11-13	WG3 Interim meeting	?

NOTES: (1) tentative location, (2) approximate date

Voted and Accepted

Unanimous

Section 5 - SC 32 Other Resolutions

Resolution 21: Re-appointment of SC 32 Chair

SC 32 endorses the appointment of Jim Melton as the Chair of SC 32.

Rationale Summary:

Mr. Melton has been nominated and endorsed for another term by the United States National Body (American National Standards Institute) confirming that he has the necessary resources and administrative support to serve as Chair (32N2522). Mr. Melton has been nominated and appointed by the SC 32 Secretariat to serve as Chair of SC 32 (32N2523).

Voted and Accepted

Unanimous

Resolution 22: Appointment of SC 32 WG 3 Convener

SC 32 appoints Mr. Keith Hare to serve an additional term as the Convener of WG 3.

Rationale Summary:

Mr. Hare has been nominated and endorsed for another term by the United States National Body (American National Standards Institute) confirming that he has the necessary resources and administrative support to serve as Convener (32N2524).

Voted and Accepted

Unanimous

Appreciations

Resolution A1: Host Appreciation

JTC1/SC 32 expresses its appreciation to Ms. Fenglin WEI of CESI for making the meeting arrangements.

Voted and Accepted

Unanimous

Resolution A2: Hosting of Meetings

JTC1/SC 32 expresses its appreciation to the Chinese National Body and to the China Electronics Standardization Institute (CESI) and the China National Institute for Standardization (CNIS) for hosting the meeting and for providing support and arrangements; to Fujian Yirong Information Technology Co. Ltd and Centrin Data Systems for the meeting facilities; and to the staff of CESI including Ms. Fenglin WEI and her colleagues for their excellent administrative coordination and support.

Voted and Accepted

Unanimous

Resolution A3: Social Functions

JTC1/SC 32 expresses its appreciation to the Chinese National Body, China Electronics Standardization Institute (CESI), and to Ms. Jing WANG for the excellent special banquet.

Voted and Accepted

Unanimous

Resolution A4: Drafting Committee Appreciation

JTC1/SC32 expresses its appreciation to its drafting committee, consisting of Timothy Schoechle, Jörn Bartels, Wenfeng SUN, Krishna Kulkarni, and Steve Harris for their diligent efforts in drafting the SC 32 resolutions.

Voted and Accepted

Unanimous

Resolution A5: Action Item Recorder Appreciation

JTC 1/SC 32 expresses its appreciation to its action item recorder, Dr. Steve Harris, for his diligent efforts in recording SC 32 plenary action items.

Voted and Accepted

Unanimous

Resolution A6: Appreciation to Secretariat

JTC 1/SC 32 expresses its appreciation to Dr. Timothy Schoechle, the SC 32 Secretary, for his administrative support and advice during the SC 32 Plenary and WG meetings.

Voted and Accepted

Unanimous

Resolution A7: Appreciation to SC32 Chair

JTC 1/SC 32 expresses its appreciation to Mr. Jim Melton, the SC 32 Chair, for his efficient leadership during the SC 32 Plenary and WG meetings.

Voted and Accepted

Unanimous

Final Attendance
ISO/IEC JTC1/SC32 Plenary Meeting
2014-06-09 and 2014-06-13
Beijing

Delegations

JTC 1/SC 32 Officers	ex officio
Jim Melton *†	Chairman, JTC 1 SC 32
Dr. Timothy Schoechle *†	Secretary, JTC 1 SC 32
National Body	Organization/Affiliation
<u>Austria (O)</u>	
<u>Belgium (O)</u>	
<u>Bosnia and Herzegovina (O)</u>	
<u>Canada</u> Michael Grüninger * C. Baba Piprani, HoD *†	University of Toronto Metaglobal Systems
<u>China</u> Dr Fei HE * Yan LI, HoD (closing) † Ms Ying LI*† Wenfeng SUN *† Dr. Chong WANG Ms Jing WANG*† Ms Fenglin WEI * HoD (opening) † Wei DING *† Ms Ying YANG † Ms Jinghua ZHAO †	Wuhan University MIIT CESI CNIS Wuhan University CESI CESI Oracle (China) CESI CESI
<u>Côte d'Ivoire</u>	
<u>Czech Republic</u>	
<u>Egypt</u>	
<u>Finland</u>	
<u>France (O)</u>	
<u>Germany</u> Jörn Bartels, HoD *† Peter Bauman	Oracle Corporation Jacobs University Bremen
<u>Ghana (O)</u>	
<u>Hungary (O)</u>	
<u>India</u>	
<u>Indonesia (O)</u>	

<u>Italy (O)</u>	
<u>Japan</u> Tatsumi Adachi *† Hajime Horiuchi Takashi Kotera *† Maseo Okabe *† Kohji Shibano *† Masashi Tsuchida HoD *†	NEC Corporation UMTP Hitachi, Ltd. Tohoku Institute of Technology Tokyo University of Foreign Studies Hitachi, Ltd
<u>Kazakhstan (O)</u>	
<u>Korea, Republic of</u> Dr Dongwon JEONG, HoD * †	Kunsan National University
<u>Netherlands, The (O)</u>	
<u>Norway (O)</u>	
<u>Poland (O)</u>	
<u>Portugal</u>	
<u>Romania (O)</u>	
<u>Russian Federation</u>	
<u>Serbia (O)</u>	
<u>Spain (O)</u>	
<u>Sweden</u>	
<u>Switzerland (O)</u>	
<u>United Kingdom</u> Keith Gordon, HoD *† Dr. Steve Harris *†	Independent Consultant Oxford Molecular Diagnostics Centre
<u>United States</u> Don Deutsch, HoD *† Keith Hare *† Krishna Kulkarni *† Denise Warzel *†	Oracle JCC Consulting, Inc. IBM Corporation NIH/NCI, Center for Bioinformatics

* attended opening plenary

† attended closing plenary