

Doc.No.: H2-2000-314  
Date: June 19, 2000  
Project: N/A  
Ref. Doc: N/A  
Status: Draft  
Reply to: Michael M. Gorman  
: Whitemarsh Information Systems Corporation  
: 2008 Althea Lane  
: Bowie, Maryland 20716  
: Tel: (301) 249-1142  
: Internet: mmgorman@wiscorp.com

COMMITTEE: H2 DATABASE  
SUBJECT: Minutes of Meeting No. 128  
Date: June 12-14, 2000  
Location: Austin, TX

The One-Hundred Twenty Eighth meeting of H2 Database was called to order by Donald Deutsch at 9:00 A.M. on June 12, 2000

#### AGENDA

- 1 PRELIMINARY AND ADMINISTRATIVE MATTERS
  - 1.1 Attendance and Membership Status
    - 1.1.1 Introduce participants
      - 1.1.1.1 H2-SD-006: H2 Participants List
    - 1.1.2 Membership
  - 1.2 Agenda
    - 1.2.0.1 Agenda Meeting Number 128 Austin, TX 12-14 June 2000 (H2-2000-232r2--Deutsch)
    - 1.2.1 Document distribution
    - 1.2.2 Agenda revision and approval
  - 1.3 Minutes
    - 1.3.0.1 Minutes Meeting Number 127 Sterling VA 3-5 April 2000 (H2-2000-233--Gorman)
    - 1.3.1 Approval of minutes
    - 1.3.2 Action item review
  - 1.4 Liaison Reports
    - 1.4.1 Domestic Liaison
      - 1.4.1.1 R1 Real Time Systems Liaison report (H2-2000-247--Campbell)
      - 1.4.1.2 H2 Close Liaison with new Object Based Storage Devices (OBSD) project (H2-2000-249--Deutsch)
      - 1.4.1.3 NCITS Project 1411 (SDSFIE) Liaison Report (H2-2000-251--Gorman)
      - 1.4.1.4 NCITS/L8 Metadata Liaison Report (H2-2000-252--Gorman)
      - 1.4.1.5 Liaison report for NCITS/T3 (H2-2000-304--Horowitz)
      - 1.4.1.6 J-20 Smalltalk Liaison Report (H2-2000-227--Balaji Rathakrishnan)
    - 1.4.2 International liaison
      - 1.4.2.1 Transmittal of H2 recommendation on ISO/IEC FDIS 13249-1 ballot (H2-2000-237--Kulkarni)
      - 1.4.2.2 Transmittal of H2 recommendation on ISO/IEC FDIS 13249-2 ballot (H2-2000-238--Kulkarni)

## Accredited Standards Committee\*

### National Committee for Information Technology Standards (NCITS)

---

- 1.4.2.3 Transmittal of H2 recommendation on ISO/IEC DCOR 9075-1, -2, -3, -4, -5 ballot (H2-2000-239--Kulkarni)
- 1.4.2.4 Transmittal of H2 recommendation on ISO/IEC FPDAM 9075:Amd 1 ballot (H2-2000-240--Kulkarni)
- 1.4.2.5 Transmittal of H2 recommendation on ISO/IEC FCD 9075-9 ballot (H2-2000-241--Kulkarni)
- 1.4.2.6 Transmittal of US delegate list for Warwick WG3 and WG4 meetings (H2-2000-242--Kulkarni)
- 1.4.2.7 SC32 N476 Information on SC32 meetings in Helsinki (H2-2000-279--Kulkarni)
- 1.4.2.8 SC32 N477 Draft agenda for SC32 plenary meeting, Helsinki (H2-2000-280--Kulkarni)
- 1.4.2.9 WG3 BHX-079 Co-Located meetings (H2-2000-281--Kulkarni)
- 1.4.2.10 Instruction to Delegates
- 1.4.3 Other liaison
- 1.4.3.1 H2-SD-003: H2 Liaisons List
- 1.5 Administration
- 1.5.1 Treasurer's report
- 1.5.1.1 Treasurer's Report (H2-2000-234--Vickers)
- 1.5.2 Future meetings
- 1.5.2.1 H2 Meeting #129 Announcement: 21-23 August, 2000 - Chicago, IL (H2-2000-243--Pantaleo)
- 1.5.2.2 H2 Proposal to SC 32/WG 3 for Co-Located Meeting in Helsinki, 2-6 October 2000 (H2-2000-254--Deutsch)
- 1.5.2.3 H2-SD-007: H2 Meeting Schedule
- 1.5.3 Other administrative matters
- 1.5.3.1 H2-SD-000: H2 Standing Documents
- 2 UNFINISHED BUSINESS FROM PREVIOUS MEETINGS
- 2.1 Uniform Syntax and Conformance Rules for comparisons (H2-2000-187r1--Zemke)
- 2.2 BHX-049: On three different kinds of sameness (H2-2000-231r1--Kulkarni)
- 3 DATABASE LANGUAGE SQL
- 3.1 SQL3 Maintenance [Project 1234M]
- 3.1.1 Technical Corrigenda
- 3.1.1.1 Correcting a small bug in <Similar Predicate> (H2-2000-236--Hare)
- 3.1.1.2 (Technical Corrigenda) "Consolidated comments for SQL:1999 TC#1 DCOR Ballot" (H2-2000-244--Melton)
- 3.1.1.3 Fixing bugs with the generation of cast functions for reference types (H2-2000-255--Kulkarni)
- 3.1.1.4 Fixing miscellaneous bugs connected with locators and savepoints (H2-2000-256--Kulkarni)
- 3.1.1.5 Resolving DEU-STC-065 (H2-2000-273--Kulkarni)
- 3.1.1.6 Handling of Returned Results Sets for Scrollable Cursors (H2-2000-274r1--Kulkarni)
- 3.1.1.7 WG3 BHX-032 Results of SC32 Ballot on DCOR 9075 TC4 (H2-2000-282--Kulkarni)
- 3.1.1.8 Response to BHX-049r1 (H2-2000-305--Zemke)
- 3.1.1.9 WG3 BHX-080 A Review of Some Possible Problems with SQL character features (H2-2000-306--Kulkarni)
- 3.1.2 Amendment 1 (OLAP)
- 3.1.2.1 (SQL/OLAP) "Consolidated comments for SQL/OLAP FPDAM Ballot" (H2-2000-245--Melton)
- 3.1.2.2 Exceptions Raised by <natural logarithm>, <power function>, and <width bucket function> (H2-2000-248--Eisenberg)
- 3.1.2.3 Supplying the to-be-supplied in OLAP (H2-2000-267--Zemke)
- 3.1.2.4 Minor improvements to OLAP Concepts (H2-2000-268--Zemke)
- 3.1.2.5 Nulls with FLOOR and CEILING (H2-2000-269--Zemke)
- 3.1.2.6 Addressing NLD-PA1-009 (OLAP PP#1) (H2-2000-270--Zemke)
- 3.1.2.7 Direct containment in OLAP (H2-2000-277--Zemke)
- 3.1.2.8 WG3 BHX-031 Results of SC32 Ballot on FPDAM 9075- Amd1 (H2-2000-283--Kulkarni)

## Accredited Standards Committee\*

### National Committee for Information Technology Standards (NCITS)

---

- 3.1.2.9 Response to H2-2000-248 (H2-2000-303--Kulkarni)
- 3.1.2.10 Correction to <power function> definition (H2-2000-311-Horowitz)
- 3.2 SQL:200n [Project 1234D]
  - 3.2.1 Framework
  - 3.2.2 Foundation
    - 3.2.2.1 Deleting more PPs (H2-2000-271--Zemke)
    - 3.2.2.2 Enhancing <dynamic parameter specification>s for <routine invocation>s (H2-2000-272--Kulkarni)
    - 3.2.2.3 Add SPECIFIC METHOD to CREATE METHOD (H2-2000-275--Kulkarni)
  - 3.2.3 CLI
  - 3.2.4 PSM
  - 3.2.5 Obsolete
  - 3.2.6 Obsolete
  - 3.2.7 Temporal
  - 3.2.8 Obsolete
  - 3.2.9 Management of External Data
    - 3.2.9.1 "Consolidated comments for SQL/MED FCD Ballot" (H2-2000-246--SQL/MED--Melton)
    - 3.2.9.2 Cleanup of foreign server and foreign-data wrapper related issues (H2-2000-258--Kulkarni)
    - 3.2.9.3 Foreign tables and privileges (H2-2000-259--Kulkarni)
    - 3.2.9.4 Cleanup of "Sequence of actions..." table (H2-2000-260--Kulkarni)
    - 3.2.9.5 Simplifying datalink structure (H2-2000-261--Kulkarni)
    - 3.2.9.6 Resolving USA-P09-024 and USA-P09-025 (H2-2000-262--Kulkarni)
    - 3.2.9.7 Integrity Fix for Drop Column Definition with Datalink Control (H2-2000-263--Kulkarni)
    - 3.2.9.8 <cast specification> Table To Include Row and Collection Types (H2-2000-264--Kulkarni)
    - 3.2.9.9 WG3 BHX-030 Results of SC32 Ballot on FCD 9075-9 (H2-2000-284--Kulkarni)
    - 3.2.9.10 WG3 BHX-050 Clarifying when access tokens are generated (H2-2000-285--Kulkarni)
    - 3.2.9.11 WG3 BHX-081 UK SQL/MED FCD typos reported to the Editor (H2-2000-286--Kulkarni)
    - 3.2.9.12 Close comment USA-P09-009 (H2-2000-302--Zeidenstein)
    - 3.2.9.13 Cleanup of generic options (H2-2000-308--Kulkarni)
    - 3.2.9.14 Cleanup of user mappings (H2-2000-309--Kulkarni)
    - 3.2.9.15 Importing Foreign Schemas for SQL/MED (H2-2000-310--Melton)
  - 3.2.10 OLB
    - 3.2.10.1 FDIS 9075-10:2000 posted and shipped (H2-2000-287--Kulkarni)
  - 3.2.11 Schemata
  - 3.2.12 Replication
- 4 SQL/MM [Project 1016I]
  - 4.1 Framework
    - 4.1.1 Processing project 1016-I SQL/MM: past and future (H2-2000-250--Deutsch)
  - 4.2 Full Text
  - 4.3 Spatial
    - 4.3.1 Angles and Direction (H2-2000-229r1--Scarponcini)
    - 4.3.2 SQL/MM Spatial Tutorial (H2-2000-235--Scarponcini)
    - 4.3.3 US HoD Report on the May 2-4, 2000 Meeting of the JTC1 Special Group on Planning Spatial Standardization and Related Interoperability in Geneva, Switzerland (H2-2000-253--Scarponcini)
    - 4.3.4 TC211 WG3 Liaison Report (H2-2000-278--Scarponcini)
    - 4.3.5 WG4 BHX-032 Minor Corrections to Spatial (H2-2000-289--Kulkarni)
    - 4.3.6 Prolog to the Geneva Spatial Meeting (H2-2000-290--Kulkarni)
    - 4.3.7 Agenda of the Geneva Spatial meeting (H2-2000-291--Kulkarni)

## Accredited Standards Committee\*

### National Committee for Information Technology Standards (NCITS)

---

- 4.3.8 Notes from the Geneva Spatial meeting (H2-2000-292--Kulkarni)
- 4.3.9 Proposal for Initial Cooperation on Spatial (H2-2000-293--Kulkarni)
- 4.4 Obsolete
- 4.5 Still Image
- 4.6 Data Mining
- 4.6.1 WG4 BHX-033 Introducing an input schema for data mining settings types (H2-2000-294--Kulkarni)
- 4.6.2 WG4 BHX-034 Eliminating mining specific training data types (H2-2000-295--Kulkarni)
- 4.6.3 WG4 BHX-035 Completing data types for classification (H2-2000-296--Kulkarni)
- 4.6.4 WG4 BHX-036 Completing data types for association rules (H2-2000-297--Kulkarni)
- 4.6.5 WG4 BHX-037 Completing data types for regression (H2-2000-298--Kulkarni)
- 4.6.6 WG4 BHX-038 Completing data types for clustering (H2-2000-299--Kulkarni)
- 4.6.7 WG4 BHX-039 Consolidating clauses 3, 4, 11 and Annexes of data mining (H2-2000-300--Kulkarni)
- 4.6.8 WG4 BHX-040 Possible Data Mining Working Draft (H2-2000-301--Kulkarni)
- 4.6.9 WG4 BHX-008 (Working Draft) SQL/MM Part 6: Data Mining (H2-2000-307--Kulkarni)
- 4.7 Technical Corrigendum
- 4.7.1 WG4 BHX-003, (Draft) SQL/MM Technical Corrigendum 1 (H2-2000-288--Kulkarni)
- 5 DATABASE ACCESS PROTOCOLS
- 5.1 RDA [Project 583M]
- 5.2 RDA3 [Project 1017I]
- 6 OTHER PROJECTS
- 6.1 Reference model for Data Management (RMDM) [Project 258L]
- 6.2 SQLJ
- 6.2.1 Open Problem: Absence of Iterator examples and guidelines (H2-2000-257--Kulkarni)
- 6.2.2 Corrections to SQLJ Part 1 (NCITS 331.1-1999) (H2-2000-265--Shaw)
- 6.2.3 (Working draft) SQLJ Part 1 (NCITS 331.1-1999) (H2-2000-266--Shaw)
- 7 NEW BUSINESS
- 8 LATE PAPERS
- 9.0 ADJOURN

# Accredited Standards Committee\*

## National Committee for Information Technology Standards (NCITS)

---

### 1. PRELIMINARY AND ADMINISTRATIVE MATTERS

#### 1.1 Attendance and Membership Status

##### 1.1.1 Introduce Participants

The following persons were in attendance at this meeting:

A	David Birdsall	Compaq Computers
M	Charles Campbell	Informix Software, Inc.
C	Don Deutsch	Oracle Corporation
M	Andrew Eisenberg	Progress Software
M	Michael Gorman	Whitemarsh Information Systems Corporation
M	Keith Hare	JCC Consulting, Inc.
M	Bruce Horowitz	Telcordia
M	Doug Inkster	Computer Associates
M	Tom Julien	NCR
M	Art Kaufmann	FileTek
IR	Krishna Kulkarni	International Business Machines
M	Mike Lefler	Litton/PRC
M	Jim Melton	Oracle Corporation
G	Jan-Ecke Michels	International Business Machines
G	Pat O'Connor	International Business Machines
M	Balaji Rathakrishnan	Microsoft Corporation
M	Paul Scarponcini	Bentley Systems, Inc.
M	Phil Shaw	Sybase
A	Kathryn Zeidenstein	International Business Machines

##### 1.1.1.1 H2-SD-006: H2 Participants List

This document was reviewed.

#### 1.1.2 Membership

##### 1.1.2.1 Membership Status

Members are reminded that continued membership requires BOTH the attendance of meetings AND voting on committee letter ballots.

Members should receive a notification by NCITS to log onto the membership database and ensure that their information is both accurate and correct.

NCITS will stop member participation in the committee on the basis of non-payment of invoices.

# Accredited Standards Committee\* National Committee for Information Technology Standards (NCITS)

---

## 1.1.2.2.1 Membership Absences

Members and Prospective Members absent without alternates present were:

Phil McGlauchlin	Riverbed Technology
Michael Pantaleo	Intersystems
Janet Pritchard	University Consortium for SQL Standards
Edward Stashluk	Pervasive
Herb Sutter	Peer Direct, Inc.

## 1.1.2.2.2 Attendance Jeopardy

The following members (and their alternates) have missed two of the last three H2 Database meetings and in accordance with the SD-2 are hereby warned that their membership will be terminated if they are not represented at the next regularly scheduled meeting:

None

## 1.1.2.2.3 Ballot Jeopardy

The following members (and their alternates) missed two of the last three letter ballots and in accordance with ANSI X3 rules are hereby warned that their membership will be terminated if they do not vote the next letter ballot.

## 1.1.2.2.4 Membership Terminations

The following members lost membership for lack of attendance or resignation.

None

The following members lost membership for lack of letter ballot response.

None

## 1.1.2.2.5 Prospective Members

The following attended this meeting and became prospective members of H2.

No new prospective members

## 1.1.2.2.6 Membership Statistics (at this meeting)

**Accredited Standards Committee\***  
**National Committee for Information Technology Standards (NCITS)**

---

<b>Membership Statistics Category</b>	<b>Quantity</b>
Members	18
Prospective Members	1
Quorum	6
<i>2/3rds Quorum + 1 Vote</i>	7

Note: the *2/3rds Quorum +1* means that the count of Yes votes must at least be the count represented by the *Quorum plus one.*, and also that the count of Yes votes must be two-thirds of those voting both yes and no.

**1.1.2.2.7 Membership Changes**

None

**1.2 Agenda (H2-2000-232r2--Deutsch)**

**1.2.0.1 Agenda Meeting Number 128 Austin, TX 12-14 June 2000 (H2-2000-232r2--Deutsch)**

This paper was reviewed.

**1.2.1 Document Distribution**

The list of documents is at the end of these minutes.

**1.2.01.01 Document Log**

<b>Year</b>	<b>First</b>	<b>Second</b>	<b>Third</b>	<b>Fourth</b>	<b>Fifth</b>	<b>Sixth</b>
1992	80: 1-65	81: 66-107	82: 108-153	83: 154-190	84: 191-266	no meeting
1993	85: 1-89	86: 90-177	87: 177-299	88: 300-356	89: 357-438	90: 439-561
1994	91: 1-75	92: 76-183	93: 184-304	94: 305-413	95: 414-483	96: 484-555
1995	97: 1-78	98: 79-206	99: 207-295	100: 296-361	101: 362-409	102: 410-497
1996	103: 1-141	104: 142-266	105: 267-405	106: 407-475	107: 476-556	108: 557-659
1997	109: 1-123	110: 124-196	111: 197-285	112: 286-408	113-409-464	no meeting
1998	114: 1-48	115: 49-113	116: 119-318	117: 319-509	118:510-606	119:607-756
1999	120: 1-68	121: 69-189	122: 190-262	123: 263-343	124: 344-456	125:457-538
2000	126:1-157	127: 158-231	128: 232-311	129: 312-		

Papers are numbered H2-yy-nn, where yy = year, and nnn = paper number within year.

## Accredited Standards Committee\*

### National Committee for Information Technology Standards (NCITS)

---

#### 1.2.0.1 Agenda Meeting Number 128 Austin, TX 12-14 June 2000 (H2-2000-232r3--Deutsch)

**MOTION**(Kulkarni, Hare, Vote: Unanimous Consent) that H2-2000-232r3 is accepted.

#### 1.3 Minutes Meeting Number 127 Sterling VA 3-5 April 2000 (H2-2000-233--Gorman)

##### 1.3.1 Approval of minutes

**MOTION**(Eisenberg, Birdsall, Vote: Unanimous Consent) that H2-2000-233 is accepted.

##### 1.3.2 Action Item Review

1.3.2.1 Liaison Reports for the Next Meeting are: J9-Pascal(H2-2000-041, P. Shaw), J20 Small Talk (H2-2000-227, Rathakrishnan), J11-C (Sutter), J16-C++(Sutter), L1-Geographic Information Systems, R1 Realtime, T2/L8 (Gorman), and T3 ODP. See minutes.

1.3.2.2 Krishna Kulkarni will communicate the desire to see important SC32 documents like its business plan so that review and modifications can be suggested in a timely manner.–open

1.3.2.3 Don Deutsch will ensure that liaison letters are sent between H2 and other committees.–open

1.3.2.4 Jim Melton and Chuck Campbell will accomplish moving “Jerry” to a new server, under the domain name, SQLStandards.Org. This move will most likely take place by April. Members will be notified via email.–open

1.3.2.5 Krishna Kulkarni will contact Paul Cotton and obtain (and then post to the server) a revised version of H2-2000-114 that contains the specific resolution for each and every sneak-peek comment.–closed through revision.

1.3.2.6 Bruce Horowitz will make the schedule of liaison reports a standing document, H2-SD-003–closed.

1.3.2.7 Don Deutsch will make a formal request to Steve Cannan for the co-located ANSI-ISO in Helsinki, Finland.–closed see H2-2000-254

1.3.2.10 Krishna Kulkarni will transmit the following motions to the appropriate persons in SC32.

**MOTION**(Gorman, Kaufmann, Vote: 15-0-0-4) that H2-2000-207R1 represents the U.S. position on DCOR Technical Corrigenda 4, and the vote is “No with Comments.” see H2-2000-239

**MOTION**(Gorman, Julian, Vote: 14-0-0-5) that H2-2000-163R1 represents the U.S. position on SQL/OLAP FPDAM, and the vote is “No with Comments.” see H2-2000-240

**MOTION**(Gorman, Julian, Vote: 14-0-0-5) that H2-2000-162R1 represents the U.S. position on SQL/MED FCD, and the vote is “No with Comments.” see H2-2000-241



## Accredited Standards Committee\*

### National Committee for Information Technology Standards (NCITS)

---

**MOTION**(Kulkarni, Scarponcini, Vote: 13-0-1-5 (see roll call vote below) that H2 recommends that the USA vote Yes on SC32 N0469 ISO/ IEC FDIS 13249-1 SQL/MM -Part 1: Framework ballot. see H2-2000-237

**MOTION**(Kulkarni, Scarponcini, Vote: 13-0-1-5 (see roll call vote below) that H2 recommends that the USA vote Yes on SC32 N0469 ISO/ IEC FDIS 13249-1 SQL/MM -Part 2: Full-Text. See H2-2000-238

1.3.2.10 Krishna Kulkarni will transmit the following motions regarding delegates to the appropriate persons within ISO.. See H2-2000-242–closed.

**MOTION** (Hare, Lefler, Vote: Unanimous Consent) that the H2 delegates to MED Editing meeting: Kulkarni, Zemke, and Campbell with Melton as editor

**MOTION** (Eisenberg, Hare, Campbell, Scarponcini, Vote: Unanimous Consent) that the H2 delegates to OLAP Editing meeting: Kulkarni, Zemke, and Campbell with Melton as editor

**MOTION** (Rathakrishnan, Pantaleo, Vote: Unanimous Consent) that the H2 delegates to the DCOR Editing: Kulkarni, Zemke, Campbell, and Melton as alternate.

**MOTION** (Subramanian, Scarponcini, Vote: Unanimous Consent) that the X3H2 WG3 Working Group Meeting delegates are: Chuck Campbell, Fred Zemke, Krishna Kulkarni, with Jim Melton.

**MOTION** (Melton, Rathakrishnan, Vote: Unanimous Consent) that X3H2 delegation to the WG4 meeting is Paul Scarponcini, Mohammad Faisal, and Krishna Kulkarni.

#### 1.4 Liaison Reports

##### 1.4.1 Domestic liaison

###### 1.4.1.1 R1 Real Time Systems Liaison report (H2-2000-247--Campbell)

This paper will be presented at the August 2000 meeting in Chicago, IL.

###### 1.4.1.2 H2 Close Liaison with new Object Based Storage Devices (OBSD) project (H2-2000-249--Deutsch)

This paper was reviewed. Keith Hare volunteered to be liaison.

###### 1.4.1.3 NCITS Project 1411 (SDSFIE) Liaison Report (H2-2000-251--Gorman)

This paper was reviewed.

###### 1.4.1.4 NCITS/L8 Metadata Liaison Report (H2-2000-252--Gorman)

This paper was reviewed.

# **Accredited Standards Committee\***

## **National Committee for Information Technology Standards (NCITS)**

---

### **1.4.1.5 Liaison report for NCITS/T3 (H2-2000-304--Horowitz)**

This paper was reviewed.

### **1.4.1.6 J-20 Smalltalk Liaison Report (H2-2000-227--Balaji Rathakrishnan)**

This paper was reviewed.

### **1.4.2 International liaison**

#### **1.4.2.1 Transmittal of H2 recommendation on ISO/IEC FDIS 13249-1 ballot (H2-2000-237--Kulkarni)**

This paper was reviewed.

#### **1.4.2.2 Transmittal of H2 recommendation on ISO/IEC FDIS 13249-2 ballot (H2-2000-238--Kulkarni)**

This paper was reviewed.

#### **1.4.2.3 Transmittal of H2 recommendation on ISO/IEC DCOR 9075-1, -2, -3, -4, -5 ballot (H2-2000-239--Kulkarni)**

This paper was reviewed.

#### **1.4.2.4 Transmittal of H2 recommendation on ISO/IEC FPDAM 9075:Amd 1 ballot (H2-2000-240--Kulkarni)**

This paper was reviewed.

#### **1.4.2.5 Transmittal of H2 recommendation on ISO/IEC FCD 9075-9 ballot (H2-2000-241--Kulkarni)**

This paper was reviewed.

#### **1.4.2.6 Transmittal of US delegate list for Warwick WG3 and WG4 meetings (H2-2000-242--Kulkarni)**

This paper was reviewed.

#### **1.4.2.7 SC32 N476 Information on SC32 meetings in Helsinki (H2-2000-279--Kulkarni)**

This paper was reviewed.

# Accredited Standards Committee\* National Committee for Information Technology Standards (NCITS)

---

## 1.4.2.8 SC32 N477 Draft agenda for SC32 plenary meeting, Helsinki (H2-2000-280--Kulkarni)

This paper was reviewed.

## 1.4.2.9 WG3 BHX-079 Co-Located meetings (H2-2000-281--Kulkarni)

This paper was reviewed.

## 1.4.2.10 Instruction to Delegates

**MOTION**(Melton, Hare, Vote: Unanimous Consent) to authorize delegates to the WG4, WG3, and all June and July 2000 Editing Meetings to surface proposals not previously approved by H2 if and only if all USA delegates to the meeting agree unanimously to do so.

**MOTION**(Melton, Hare, Vote: Unanimous Consent) to instruct delegates to the WG4, WG3, and all June and July 2000 Editing Meetings to take positions on proposals where they are not otherwise directed by H2 if and only if all USA delegates to the meeting agree unanimously on the position; otherwise, they are directed to abstain.

## 1.4.3 Other Liaison Matters

### 1.4.3.1 H2-SD-003: H2 Liaisons List

This paper was reviewed.

## 1.5 Administration

### 1.5.1 Treasurer's Report

#### 1.5.1.1 Treasurer's Report (H2-2000-234--Vickers)

**Motion** (Campbell, Hare, Vote: Unanimous Consent) that X3H2-2000-234 is accepted and notes that this treasurer's report is clearly superior to any other H2 treasurer's submitted during the previous millennium.

### 1.5.2 Future meetings

Committee	Date	Year	Host	Location
WG4 WG3 Editing meetings for MED and OLAP	26-30 June 3-14 July		Hugh Darwen	Warwick, UK
H2 (129)	21-23 August		Michael Pantaleo	Chicago, IL

**Accredited Standards Committee\***  
**National Committee for Information Technology Standards (NCITS)**

---

Committee	Date	Year	Host	Location
SC32 & all WGs	2-13 October			Helsinki, Finland
H2 (130)	2-6 October Possible co-located meeting with ISO in Helsinki, Finland			
H2 (131)	4 - 6 December		Chuck Campbell	Carmel, CA
H2 (132)	12-14 February	2001	Michael Pantaleo/Chuck Campbell	South Florida, or Georgia
H2 (133)	2-4 Apr		Balaji Rathakrishnan	Seattle, WA
WG3, WG4, possible editing meetings	23 Apr - 4 May		Don Bartley	Hobart and Perth, Australia
H2 (134)	11-13 June		Andrew Eisenberg	Burlington, VT
SC32 Plenary and WG meetings	1-12 September			Victoria, BC Canada
SC32 Plenary and WG meetings	May	2002		Korea

**1.5.2.1 H2 Meeting #129 Announcement: 21-23 August, 2000 - Chicago, IL (H2-2000-243–Pantaleo)**

This paper was reviewed.

**1.5.2.2 H2-2000-254: H2 Proposal to SC 32/WG 3 for Co-Located Meeting in Helsinki, 2-6 October 2000**

This paper was reviewed.

**1.5.3 Other Administrative Matters**

**1.5.3.1 H2-SD-000: H2 Standing Documents**

The server contains the most recent set of standing documents.

**2 UNFINISHED BUSINESS FROM PREVIOUS MEETINGS**

**2.1 Uniform Syntax and Conformance Rules for comparisons (H2-2000-187r1--Zemke)**

**MOTION**(Melton, Julien Vote: Unanimous Consent) that H2 submits the amended version of H2-2000-187r1 to WG3 for the DCOR Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

# Accredited Standards Committee\*

## National Committee for Information Technology Standards (NCITS)

---

### 2.2 **BHX-049: On three different kinds of sameness (H2-2000-231r1--Kulkarni)**

**MOTION**(Hare, Gorman, Vote: Unanimous Consent) that the H2 delegates are instructed to oppose acceptance of H2-2000-231r1 into the TC and the WD unless it is modified to the satisfaction of the H2 delegates.

**MOTION**(Birdsall, Eisenberg, Vote: Unanimous Consent) that H2-2000-305 is to be sent to ISO as a discussion paper with the clear notation that the USA has additional comments and concerns on this topic.

### 3 **DATABASE LANGUAGE SQL**

#### 3.1 **SQL3 Maintenance [Project 1234M]**

##### 3.1.1 **Technical Corrigenda**

##### 3.1.1.1 **Correcting a small bug in <Similar Predicate> (H2-2000-236--Hare)**

**MOTION**(Birdsall, Eisenberg, Vote: Unanimous Consent) that H2 submits the amended version of H2-2000-236 to WG3 for the DCOR Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

##### 3.1.1.2 **(Technical Corrigenda) "Consolidated comments for SQL:1999 TC#1 DCOR Ballot" (H2-2000-244--Melton)**

**MOTION**(Melton, Campbell, Vote: 14-0-0-4) that the H2 delegates are undirected regarding H2-2000-244 except for the following amendments:

**MOTION TO AMEND**(Eisenberg, Hare, Vote: Unanimous Consent) to opposes any and every solution to the following comments: GBR-STC-001, GBR-STC-004, GBR-STC-005, GBR-STC-006, GBR-STC-007, GBR-STC-018, SWE-STC-016, GBR-STC-021, DEU-STC-005, GBR-STC-026, SWE-STC-002.

**MOTION TO AMEND**(Hare, Kulkarni, Vote: Unanimous Consent) that the H2 delegates, unless the proposed solution is modified to the unanimous satisfaction of the H2 delegates, the H2 delegates are instructed to oppose acceptance of the following: GBR-STC-009, SWE-STC-006, SWE-STC-022, SWE-STC-066, and GBR-STC-002.

##### 3.1.1.3 **Fixing bugs with the generation of cast functions for reference types (H2-2000-255--Kulkarni)**

**MOTION**(Birdsall, Kaufmann, Vote: Unanimous Consent) that H2 submits the amended version of H2-2000-255 to WG3 for the DCOR Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

##### 3.1.1.4 **Fixing miscellaneous bugs connected with locators and savepoints (H2-2000-256--Kulkarni)**

## **Accredited Standards Committee\***

### **National Committee for Information Technology Standards (NCITS)**

---

**MOTION**(Melton, Inkster, Vote: Unanimous Consent) that H2 submits the amended version of H2-2000-256 to WG3 for the DCOR Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

#### **3.1.1.5 Resolving DEU-STC-065 (H2-2000-273--Kulkarni)**

**MOTION**(Kulkarni, Kaufmann, Vote: Unanimous Consent) that H2 submits the amended version of H2-2000-256 to WG3 for the DCOR Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

#### **3.1.1.6 Handling of Returned Results Sets for Scrollable Cursors (H2-2000-274r1--Kulkarni)**

**MOTION**(Melton, Inkster, Vote: 10-1-3) that H2 submits H2-2000-274r1 to WG3 for the DCOR Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO. :

#### **3.1.1.7 WG3 BHX-032 Results of SC32 Ballot on DCOR 9075 TC4 (H2-2000-282--Kulkarni)**

This paper was reviewed.

#### **3.1.1.8 Response to BHX-049r1 (H2-2000-305--Zemke)**

Considered within agenda item 2.2.

#### **3.1.1.9 WG3 BHX-080 A Review of Some Possible Problems with SQL character features (H2-2000-306--Kulkarni)**

**MOTION**(Eisenberg, Hare, Vote: Unanimous Consent) that the H2 delegates are directed to oppose any proposal in this area of character sets and internationalization.

#### **3.1.2 Amendment 1 (OLAP)**

##### **3.1.2.1 (SQL/OLAP) "Consolidated comments for SQL/OLAP FPDAM Ballot" (H2-2000-245--Melton)**

The H2 delegates are undirected except in the case of U.S. papers upon which positions have been voted.

##### **3.1.2.2 Exceptions Raised by <natural logarithm>, <power function>, and <width bucket function> (H2-2000-248--Eisenberg)**

## **Accredited Standards Committee\***

### **National Committee for Information Technology Standards (NCITS)**

---

**MOTION**(Kulkarni, Melton, Vote: 9-3-3) that H2-2000-248 is accepted as amended by H2-2000-303 and to submit the amended version to WG3 for the FPDAM Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

**MOTION TO AMEND**(Eisenberg, Hare, Vote:8-5-2 ) to retain the three exception that are contained inH2-2000-248 and not to replace them with the single exception in H2-2000-303.

#### **3.1.2.3 Supplying the to-be-supplied in OLAP (H2-2000-267--Zemke)**

**MOTION**(Kulkarni, Julien, Vote: Unanimous Consent) that H2 submits the amended version of H2-2000-267 is to WG3 for the FPDAM Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

#### **3.1.2.4 Minor improvements to OLAP Concepts (H2-2000-268--Zemke)**

**MOTION**(Melton, Birdsall, Vote: Unanimous Consent) that H2 submits the amended version of H2-2000-268, H2-2000-269r1, to WG3 for the FPDAM Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

#### **3.1.2.5 Nulls with FLOOR and CEILING (H2-2000-269--Zemke)**

**MOTION**(Julien, Scarponcini, Vote: Unanimous Consent) that H2 submits the amended version of H2-2000-269 to WG3 for the FPDAM Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

#### **3.1.2.6 Addressing NLD-PA1-009 (OLAP PP#1) (H2-2000-270--Zemke)**

**MOTION**(Birdsall, Inkster, Vote: Unanimous Consent) that H2 submits the amended version of H2-2000-270 to WG3 for the FPDAM Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

#### **3.1.2.7 Direct containment in OLAP (H2-2000-277--Zemke)**

**MOTION**(Hare, Melton, Vote: Unanimous Consent) that H2 submits the amended version of H2-2000-277 to DCOR Editing Meeting, WG3 for the FPDAM Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

**MOTION TO AMEND**(Rathakrishnan, Julien, Vote: 9-3-1 ) to move Section 8.2 of the proposal from an TC proposal to an OLAP proposal adding a conformance rule restricting the effect to OLAP conformance only.

**MOTION TO AMEND**(Shaw, Gorman, Vote: 6-4-3 ) to remove all changes that permit outer references in the Select list from H2-2000-277.

**Accredited Standards Committee\***  
**National Committee for Information Technology Standards (NCITS)**

---

**3.1.2.8 WG3 BHX-031 Results of SC32 Ballot on FPDAM 9075- Amd1 (H2-2000-283--Kulkarni)**

This paper was reviewed.

**3.1.2.9 Response to H2-2000-248 (H2-2000-303--Kulkarni)**

See agenda item 3.1.2.2

**3.1.2.10 Correction to <power function> definition(H2-2000-311-Horowitz)**

**MOTION**(Shaw, Gorman, Vote: Unanimous Consent) that H2-2000-311 is accepted.

**MOTION TO AMEND**(Julien, Kulkarni, Vote: No vote) to send H2-2000-311, and to encourage Fred Zemke to rewrite H2-2000-312 into a paper and then to send H2-2000-312 along with H2-2000-311 to ISO as discussion papers.

**MOVE TO TABLE** (Lefler, Hare, Vote: Unanimous Consent)

**3.2 SQL:200n [Project 1234D]**

**3.2.1 Framework**

There are no papers for this agenda item.

**3.2.2 Foundation**

**3.2.2.1 Deleting more PPs (H2-2000-271--Zemke)**

**MOTION**(Melton, Hare, Vote: Unanimous Consent) that H2 submits H2-2000-271 to WG3 for the DCOR Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

**3.2.2.2 Enhancing <dynamic parameter specification>s for <routine invocation>s (H2-2000-272--Kulkarni)**

**MOTION**(Kulkarni, Rathakrishnan, Vote: Unanimous Consent) that H2 submits H2-2000-272 to WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

**3.2.2.3 Add SPECIFIC METHOD to CREATE METHOD (H2-2000-275--Kulkarni)**

**MOTION**(Melton, Horowitz, Vote: Unanimous Consent) that H2 submits H2-2000-275 to WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.



# Accredited Standards Committee\*

## National Committee for Information Technology Standards (NCITS)

---

### 3.2.3 CLI

There are no papers for this agenda item.

### 3.2.4 PSM

There are no papers for this agenda item.

### 3.2.5 Obsolete

There are no papers for this agenda item.

### 3.2.6 Obsolete

There are no papers for this agenda item.

### 3.2.7 Temporal

There are no papers for this agenda item.

### 3.2.8 Obsolete

There are no papers for this agenda item.

### 3.2.9 Management of External Data

#### 3.2.9.1 "Consolidated comments for SQL/MED FCD Ballot" (H2-2000-246r1--SQL/MED–Melton)

The remaining comments for which there are no solutions were grouped into broad categorizations. These categories and the sequence numbers of the comments associated with the comments are:

- Catch all: 224, 225, 240, 241
- Standardizing generic options: 111
- Get option routine: 171, 172, 173
- Retrieval of data: 74, 233
- Pass through mode: 55, 246
- XML: 27, 28, 29, 31, 32, 168, 202, 203, 226, 243
- Not Clear Comments: 116, 117

## **Accredited Standards Committee\***

### **National Committee for Information Technology Standards (NCITS)**

---

#### **3.2.9.2 Cleanup of foreign server and foreign-data wrapper related issues (H2-2000-258--Kulkarni)**

**MOTION**( Eisenberg, Inkster, Vote: Unanimous Consent) that H2 submits H2-2000-258 to WG3 for the SQL/MED FCD Editing Meeting, DCOR editing meeting, and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

#### **3.2.9.3 Foreign tables and privileges (H2-2000-259--Kulkarni)**

**MOTION**(Eisenberg, Hare, Vote: 11-2-1) to accept the portion of H2-2000-259 that deals with the privilege model, as amended by Krishna, and submits the amended portion H2-2000-259 to WG3 for the SQL/MED FCD Editing Meeting, DCOR editing meeting, and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

**MOTION**(Eisenberg, Hare, Vote: 9-2-3) to accept the portion of H2-2000-259 that is concerned with read-only foreign tables and submits this unchanged portion of H2-2000-259 to WG3 for the SQL/MED FCD Editing Meeting, DCOR editing meeting, and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

Note: The authors are to apply these two motions to H2-2000-259 and to submit one paper, H2-2000-259r1 to the WG3 for the SQL/MED FCD Editing Meeting, DCOR editing meeting, and to the WG3 meeting for the WD.

#### **3.2.9.4 Cleanup of "Sequence of actions..." table (H2-2000-260--Kulkarni)**

**MOTION**(Melton, Kulkarni, Vote: Unanimous Consent) that H2 submits H2-2000-260 to WG3 for the SQL/MED FCD Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

#### **3.2.9.5 Simplifying datalink structure (H2-2000-261--Kulkarni)**

**MOTION**(Birdsall, Lefler, Vote: Unanimous Consent) that H2 submits H2-2000-261 to WG3 for the SQL/MED FCD Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

#### **3.2.9.6 Resolving USA-P09-024 and USA-P09-025 (H2-2000-262--Kulkarni)**

**MOTION**(Birdsall, Eisenberg, Vote: Unanimous Consent) that H2 submits H2-2000-262 to WG3 for the SQL/MED FCD Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

#### **3.2.9.7 Integrity Fix for Drop Column Definition with Datalink Control (H2-2000-263r1--Kulkarni)**

**MOTION**(Kulkarni, Kaufmann, Vote: Unanimous Consent) that H2 submits H2-2000-263 to WG3 for the SQL/MED FCD Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

#### **3.2.9.8 <cast specification> Table To Include Row and Collection Types (H2-2000-264--Kulkarni)**

## **Accredited Standards Committee\***

### **National Committee for Information Technology Standards (NCITS)**

---

**MOTION**(Hare, Campbell, Vote: 12-0-2) that H2 submits H2-2000-264 to WG3 for the SQL/MED FCD Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

#### **3.2.9.9 WG3 BHX-030 Results of SC32 Ballot on FCD 9075-9 (H2-2000-284--Kulkarni)**

This paper was reviewed.

#### **3.2.9.10 WG3 BHX-050 Clarifying when access tokens are generated (H2-2000-285--Kulkarni)**

This paper was reviewed.

#### **3.2.9.11 WG3 BHX-081 UK SQL/MED FCD typos reported to the Editor (H2-2000-286--Kulkarni)**

This paper was reviewed.

#### **3.2.9.12 Close comment USA-P09-009 (H2-2000-302--Zeidenstein)**

**MOTION**(Birdsall, Eisenberg, Vote: Unanimous Consent) that H2 submits H2-2000-302 to WG3 for the SQL/MED FCD Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

#### **3.2.9.13 Cleanup of generic options (H2-2000-308--Kulkarni)**

**MOTION**(Kulkarni, Lefler, Vote: Unanimous Consent) that H2 submits H2-2000-308 to WG3 for the SQL/MED FCD Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

#### **3.2.9.14 Cleanup of user mappings (H2-2000-309--Kulkarni)**

**MOTION**(Kulkarni, Melton, Vote: Unanimous Consent) that H2 submits H2-2000-309 to WG3 for the SQL/MED FCD Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

#### **3.2.9.15 Importing Foreign Schemas for SQL/MED (H2-2000-310--Melton)**

**MOTION**(Hare, Julien, Vote: 8-4-2) that H2 submits H2-2000-310 to WG3 for the SQL/MED FCD Editing Meeting and to the WG3 meeting for the WD, and to accept for ANSI if and only if accepted for ISO.

#### **3.2.10 OLB**

##### **3.2.10.1 FDIS 9075-10:2000 posted and shipped (H2-2000-287--Kulkarni)**

# **Accredited Standards Committee\***

## **National Committee for Information Technology Standards (NCITS)**

---

This paper was reviewed. A revised version of this document that reflects reformatting requirements of ISO will be posted in the next week. Don Deutsch will conduct a letter ballot on this item that will close before the next meeting in August, 2000.

### **3.2.11 Schemata**

There are no papers for this agenda item.

### **3.2.12 Replication**

There are no papers for this agenda item.

## **4 SQL/MM [Project 1016I]**

### **4.1 Framework**

#### **4.1.1 Processing project 1016-I SQL/MM: past and future (H2-2000-250--Deutsch)**

**MOTION**(Gorman, Hare Vote: Unanimous Consent) that H2 prefers retention of “I” designation for Project 1016 but if the “I” designation is eliminated that it should be replaced by the “D” designation.

**MOTION TO AMEND**(Kulkarni, Scarponcini, Vote: 3-6-6) strike from “but if” to the end.

### **4.2 Full Text**

There are no papers on this agenda item.

### **4.3 Spatial**

#### **4.3.1 Angles and Direction (H2-2000-229r1--Scarponcini)**

This paper was reviewed.

#### **4.3.2 SQL/MM Spatial Tutorial (H2-2000-235--Scarponcini)**

This paper was reviewed. Members are encouraged to review pages 133, 135, 137, and 139 in detail to ensure that the SQL contained on those pages is correct.

#### **4.3.3 US HoD Report on the May 2-4, 2000 Meeting of the JTC1 Special Group on Planning Spatial Standardization and Related Interoperability in Geneva, Switzerland (H2-2000-253--Scarponcini)**

## **Accredited Standards Committee\***

### **National Committee for Information Technology Standards (NCITS)**

---

**MOTION**(Kulkarni, Scarponcini, Vote: Unanimous Consent) that the USA requests SC32 to appoint a WG4 Spatial participant to represent SC32 to the Joint Steering Group on Spatial Standardization and Related Interoperability.

#### **4.3.4 TC211 WG3 Liaison Report (H2-2000-278--Scarponcini)**

This paper was reviewed.

#### **4.3.5 WG4 BHX-032 Minor Corrections to Spatial (H2-2000-289--Kulkarni)**

In the absence of a motion to the contrary, the H2 delegates to SQL/MM are undirected on this paper.

#### **4.3.6 Prolog to the Geneva Spatial Meeting (H2-2000-290--Kulkarni)**

This paper was reviewed.

#### **4.3.7 Agenda of the Geneva Spatial meeting (H2-2000-291--Kulkarni)**

This paper was reviewed.

#### **4.3.8 Notes from the Geneva Spatial meeting (H2-2000-292--Kulkarni)**

This paper was reviewed.

#### **4.3.9 Proposal for Initial Cooperation on Spatial (H2-2000-293--Kulkarni)**

This paper was reviewed.

#### **4.4 Obsolete**

This paper was reviewed.

#### **4.5 Still Image**

This paper was reviewed.

#### **4.6 Data Mining**

**Accredited Standards Committee\***  
**National Committee for Information Technology Standards (NCITS)**

---

**4.6.1 WG4 BHX-033 Introducing an input schema for data mining settings types (H2-2000-294--Kulkarni)**

See agenda item 4.6.8.

**4.6.2 WG4 BHX-034 Eliminating mining specific training data types (H2-2000-295--Kulkarni)**

See agenda item 4.6.8.

**4.6.3 WG4 BHX-035 Completing data types for classification (H2-2000-296--Kulkarni)**

See agenda item 4.6.8.

**4.6.4 WG4 BHX-036 Completing data types for association rules (H2-2000-297--Kulkarni)**

See agenda item 4.6.8.

**4.6.5 WG4 BHX-037 Completing data types for regression (H2-2000-298--Kulkarni)**

See agenda item 4.6.8.

**4.6.6 WG4 BHX-038 Completing data types for clustering (H2-2000-299--Kulkarni)**

See agenda item 4.6.8.

**4.6.7 WG4 BHX-039 Consolidating clauses 3, 4, 11 and Annexes of data mining (H2-2000-300--Kulkarni)**

See agenda item 4.6.8.

**4.6.8 WG4 BHX-040 Possible Data Mining Working Draft (H2-2000-301--Kulkarni)**

MOTION(Melton, Hare Vote: Unanimous Consent) that the H2 delegates are to support the data mining papers, H2-2000-294 through H2-2000-301.

**4.6.9 WG4 BHX-008 (Working Draft) SQL/MM Part 6: Data Mining (H2-2000-307--Kulkarni)**

**4.7 Technical Corrigendum**

**4.7.1 WG4 BHX-003, (Draft) SQL/MM Technical Corrigendum 1 (H2-2000-288--Kulkarni)**

This paper was reviewed.

**Accredited Standards Committee\***  
**National Committee for Information Technology Standards (NCITS)**

---

**5 DATABASE ACCESS PROTOCOLS**

**5.1 RDA [Project 583M]**

There are no papers on this agenda item.

**5.2 RDA3 [Project 1017I]**

There are no papers on this agenda item.

**6 OTHER PROJECTS**

**6.1 Reference model for Data Management (RMDM) [Project 258L]**

There are no papers on this agenda item.

**6.2 SQLJ**

**6.2.1 Open Problem: Absence of Iterator examples and guidelines (H2-2000-257--Kulkarni)**

**MOTION**(Gorman, Birdsall, Vote: Unanimous Consent) that H2-2000-257 is accepted for the now established ANSI SQLJ TC for NCITS 331.1 document, to accept this paper as its first entry, for the ANSI SQLJ Part-1 Working Draft document (H2-2000-266r1).

**MOTION**(Melton, Kulkarni, Vote: 9-0-3) that H2 directs the chair and the editor to start the processing of a NCITS 331 TC.

**6.2.2 Corrections to SQLJ Part 1 (NCITS 331.1-1999) (H2-2000-265--Shaw)**

**MOTION**(Gorman, Birdsall, Vote: Unanimous Consent) that H2-2000-265 is accepted for the ANSI SQLJ TC and to accept this paper for the ANSI SQLJ Part-1 Working Draft document (H2-2000-266r1).

Note...Phil will recreate the PDF for this paper and re-post its PDF version.

**6.2.3 (Working draft) SQLJ Part 1 (NCITS 331.1-1999) (H2-2000-266r1--Shaw)**

This paper was reviewed. This document represents the merger of NCITS 331.1 and H2-2000-265 and H2-2000-266.

**7 NEW BUSINESS**

# Accredited Standards Committee\*

## National Committee for Information Technology Standards (NCITS)

---

There are no papers on this agenda item.

### 8 LATE PAPERS

All the papers listed the papers containing the meetings agenda, H2-2000-232r3, for this meeting were considered where appropriate.

### 9 ADJOURN

**MOTION**(Hare, Campbell, Vote: Unanimous Consent) that the meeting is adjourned is adjourned at 1300 hours on June 14, 2000

### 10. ACTION ITEMS

10.1 Liaison Reports for the Next Meeting are: J9-Pascal(H2-2000-041, P. Shaw), J11-C (Sutter), J16-C++(Sutter), R1 Realtime, and T3 ODP

10.2 Mohammad Faisal will create a revised version of H2-2000-114 that contains the specific resolution for each and every sneak-peek comment.

10.3 The chair, in response to agenda item, 4.1.1 Processing project 1016-I SQL/MM: past and future (H2-2000-250--Deutsch), is to convey the motion,

**MOTION**(Gorman, Hare Vote: Unanimous Consent) that H2 prefers retention of "I" designation for Project 1016 but if the "I" designation is eliminated that it should be replaced by the "D" designation

to the appropriate person within NCITS.

10.4 Krishna Kulkarni will convey the motions that follows to the appropriate persons in SC32.

**MOTION**(Kulkarni, Scarponcini, Vote: Unanimous Consent) that the USA requests SC32 to appoint a WG4 Spatial participant to represent SC32 to the Joint Steering Group on Spatial Standardization and Related Interoperability.

10.5 Don Deutsch will conduct a letter ballot on Final Draft International Standard for SQL/OLB (FDIS 9075-10) such that the letter ballot will close before the next meeting in August, 2000.

### 11. Papers Forwarded to August 2000 H2 Meeting.



# Accredited Standards Committee\*

## National Committee for Information Technology Standards (NCITS)

---

There were no papers forwarded to the August 2000 H2 Meeting.

### 12. Document Register

Agenda items are the second column.

H2-2000-187r1	2.1	Uniform Syntax and Conformance Rules for comparisons (Zemke)
H2-2000-227	1.4.1.6	J-20 Smalltalk Liaison Report (Balaji Rathakrishnan)
H2-2000-229r1	4.3.1	Angles and Direction (Scarponcini)
H2-2000-231r1	2.2	BHX-049: On three different kinds of sameness (Kulkarni)
H2-2000-232r2	1.2.0.1	Agenda Meeting Number 128 Austin, TX 12-14 June 2000 (Deutsch)
H2-2000-233	1.3.0.1	Minutes Meeting Number 127 Sterling VA 3-5 April 2000 (Gorman)
H2-2000-234	1.5.1.1	Treasurer's Report (Vickers)
H2-2000-235	4.3.2	SQL/MM Spatial Tutorial (Scarponcini)
H2-2000-236	3.1.1.1	Correcting a small bug in <Similar Predicate> (Hare)
H2-2000-237	1.4.2.1	Transmittal of H2 recommendation on ISO/IEC FDIS 13249-1 ballot (Kulkarni)
H2-2000-238	1.4.2.2	Transmittal of H2 recommendation on ISO/IEC FDIS 13249-2 ballot (Kulkarni)
H2-2000-239	1.4.2.3	Transmittal of H2 recommendation on ISO/IEC DCOR 9075-1, -2, -3, -4, -5 ballot (Kulkarni)
H2-2000-240	1.4.2.4	Transmittal of H2 recommendation on ISO/IEC FPDAM 9075:Amd 1 ballot (Kulkarni)
H2-2000-241	1.4.2.5	Transmittal of H2 recommendation on ISO/IEC FCD 9075-9 ballot (Kulkarni)
H2-2000-242	1.4.2.6	Transmittal of US delegate list for Warwick WG3 and WG4 meetings (Kulkarni)
H2-2000-243	1.5.2.1	H2 Meeting #129 Announcement: 21-23 August, 2000 - Chicago, IL (Pantaleo)
H2-2000-244	3.1.1.2	(Technical Corrigenda) "Consolidated comments for SQL:1999 TC#1 DCOR Ballot" (Melton)
H2-2000-245	3.1.2.1	(SQL/OLAP) "Consolidated comments for SQL/OLAP FPDAM Ballot" (Melton)
H2-2000-246	3.2.9.1	"Consolidated comments for SQL/MED FCD Ballot" (SQL/MED--Melton)
H2-2000-247	1.4.1.1	R1 Real Time Systems Liaison report (Campbell)
H2-2000-248	3.1.2.2	Exceptions Raised by <natural logarithm>, <power function>, and <width bucket function> (Eisenberg)
H2-2000-248	3.1.2.9	Response to H2-2000-248 (Kulkarni)
H2-2000-249	1.4.1.2	H2 Close Liaison with new Object Based Storage Devices (OBSD) project (Deutsch)
H2-2000-250	4.1.1	Processing project 1016-I SQL/MM: past and future (Deutsch)
H2-2000-251	1.4.1.3	NCITS Project 1411 (SDSFIE) Liaison Report (Gorman)
H2-2000-252	1.4.1.4	NCITS/L8 Metadata Liaison Report (Gorman)
H2-2000-253	4.3.3	US HoD Report on the May 2-4, 2000 Meeting of the JTC1 Special Group on Planning Spatial Standardization and Related Interoperability in Geneva, Switzerland (Scarponcini)
H2-2000-254	1.5.2.2	H2 Proposal to SC 32/WG 3 for Co-Located Meeting in Helsinki, 2-6 October 2000 (Deutsch)
H2-2000-255	3.1.1.3	Fixing bugs with the generation of cast functions for reference types (Kulkarni)
H2-2000-256	3.1.1.4	Fixing miscellaneous bugs connected with locators and savepoints (Kulkarni)
H2-2000-257	6.2.1	Open Problem: Absence of Iterator examples and guidelines (Kulkarni)
H2-2000-258	3.2.9.2	Cleanup of foreign server and foreign-data wrapper related issues (Kulkarni)

## Accredited Standards Committee\*

### National Committee for Information Technology Standards (NCITS)

---

H2-2000-259	3.2.9.3	Foreign tables and privileges (Kulkarni)
H2-2000-260	3.2.9.4	Cleanup of "Sequence of actions..." table (Kulkarni)
H2-2000-261	3.2.9.5	Simplifying datalink structure (Kulkarni)
H2-2000-262	3.2.9.6	Resolving USA-P09-024 and USA-P09-025 (Kulkarni)
H2-2000-263	3.2.9.7	Integrity Fix for Drop Column Definition with Datalink Control (Kulkarni)
H2-2000-264	3.2.9.8	<cast specification> Table To Include Row and Collection Types (Kulkarni)
H2-2000-265	6.2.2	Corrections to SQLJ Part 1 (NCITS 331.1-1999) (Shaw)
H2-2000-266	6.2.3	(Working draft) SQLJ Part 1 (NCITS 331.1-1999) (Shaw)
H2-2000-267	3.1.2.3	Supplying the to-be-supplied in OLAP (Zemke)
H2-2000-268	3.1.2.4	Minor improvements to OLAP Concepts (Zemke)
H2-2000-269	3.1.2.5	Nulls with FLOOR and CEILING (Zemke)
H2-2000-270	3.1.2.6	Addressing NLD-PA1-009 (OLAP PP#1) (Zemke)
H2-2000-271	3.2.2.1	Deleting more PPs (Zemke)
H2-2000-272	3.2.2.2	Enhancing <dynamic parameter specification>s for <routine invocation>s (Kulkarni)
H2-2000-273	3.1.1.5	Resolving DEU-STC-065 (Kulkarni)
H2-2000-274r1	3.1.1.6	Handling of Returned Results Sets for Scrollable Cursors (Kulkarni)
H2-2000-275	3.2.2.3	Add SPECIFIC METHOD to CREATE METHOD (Kulkarni)
H2-2000-277	3.1.2.7	Direct containment in OLAP (Zemke)
H2-2000-278	4.3.4	TC211 WG3 Liaison Report (Scarponcini)
H2-2000-279	1.4.2.7	SC32 N476 Information on SC32 meetings in Helsinki (Kulkarni)
H2-2000-280	1.4.2.8	SC32 N477 Draft agenda for SC32 plenary meeting, Helsinki (Kulkarni)
H2-2000-281	1.4.2.9	WG3 BHX-079 Co-Located meetings (Kulkarni)
H2-2000-282	3.1.1.7	WG3 BHX-032 Results of SC32 Ballot on DCOR 9075 TC4 (Kulkarni)
H2-2000-283	3.1.2.8	WG3 BHX-031 Results of SC32 Ballot on FPDAM 9075- Amd1 (Kulkarni)
H2-2000-284	3.2.9.9	WG3 BHX-030 Results of SC32 Ballot on FCD 9075-9 (Kulkarni)
H2-2000-285	3.2.9.10	WG3 BHX-050 Clarifying when access tokens are generated (Kulkarni)
H2-2000-286	3.2.9.11	WG3 BHX-081 UK SQL/MED FCD typos reported to the Editor (Kulkarni)
H2-2000-287	3.2.10.1	FDIS 9075-10:2000 posted and shipped (Kulkarni)
H2-2000-288	4.7.1	WG4 BHX-003, (Draft) SQL/MM Technical Corrigendum 1 (Kulkarni)
H2-2000-289	4.3.5	WG4 BHX-032 Minor Corrections to Spatial (Kulkarni)
H2-2000-290	4.3.6	Prolog to the Geneva Spatial Meeting (Kulkarni)
H2-2000-291	4.3.7	Agenda of the Geneva Spatial meeting (Kulkarni)
H2-2000-292	4.3.8	Notes from the Geneva Spatial meeting (Kulkarni)
H2-2000-293	4.3.9	Proposal for Initial Cooperation on Spatial (Kulkarni)
H2-2000-294	4.6.1	WG4 BHX-033 Introducing an input schema for data mining settings types (Kulkarni)
H2-2000-295	4.6.2	WG4 BHX-034 Eliminating mining specific training data types (Kulkarni)
H2-2000-296	4.6.3	WG4 BHX-035 Completing data types for classification (Kulkarni)
H2-2000-297	4.6.4	WG4 BHX-036 Completing data types for association rules (Kulkarni)
H2-2000-298	4.6.5	WG4 BHX-037 Completing data types for regression (Kulkarni)
H2-2000-299	4.6.6	WG4 BHX-038 Completing data types for clustering (Kulkarni)
H2-2000-300	4.6.7	WG4 BHX-039 Consolidating clauses 3, 4, 11 and Annexes of data mining (Kulkarni)
H2-2000-301	4.6.8	WG4 BHX-040 Possible Data Mining Working Draft (Kulkarni)
H2-2000-302	3.2.9.12	Close comment USA-P09-009 (Zeidenstein)
H2-2000-304	1.4.1.5	Liaison report for NCITS/T3 (Horowitz)

**Accredited Standards Committee\***  
**National Committee for Information Technology Standards (NCITS)**

---

H2-2000-305	3.1.1.8	Response to BHX-049r1 (Zemke)
H2-2000-306	3.1.1.9	WG3 BHX-080 A Review of Some Possible Problems with SQL character features (Kulkarni)
H2-2000-307	4.6.9	WG4 BHX-008 (Working Draft) SQL/MM Part 6: Data Mining (Kulkarni)
H2-2000-308	3.2.9.13	Cleanup of generic options (Kulkarni)
H2-2000-309	3.2.9.14	Cleanup of user mappings (Kulkarni)
H2-2000-310	3.2.9.15	Importing Foreign Schemas for SQL/MED (Melton)
H2-2000-311	3.1.2.10	Correction to <power function> definition (Horowitz)