

# ISO/IEC JTC 1/SC 32 N 0905

Date: 2002-11-19

REPLACES: --

<p style="text-align: center;"><b>ISO/IEC JTC 1/SC 32</b></p> <p style="text-align: center;"><b>Data Management and Interchange</b></p> <p style="text-align: center;"><b>Secretariat: United States of America (ANSI)</b></p> <p style="text-align: center;"><b>Administered by Pacific Northwest National Laboratory on behalf of ANSI</b></p>
--

<b>DOCUMENT TYPE</b>	Meeting Report
<b>TITLE</b>	WG 4 DCOR and FCD Editing Meeting Minutes
<b>SOURCE</b>	Mark Ashworth
<b>PROJECT NUMBER</b>	1.32.04.01.02.01
<b>STATUS</b>	The results of the WG 4 Dresden Meeting
<b>REFERENCES</b>	
<b>ACTION ID.</b>	FYI
<b>REQUESTED ACTION</b>	
<b>DUE DATE</b>	
<b>Number of Pages</b>	25
<b>LANGUAGE USED</b>	English
<b>DISTRIBUTION</b>	P & L Members SC Chair WG Conveners and Secretaries

Douglas Mann, Secretariat, ISO/IEC JTC 1/SC 32

Pacific Northwest National Laboratory \*, 13600 Angelica Court, Chantilly, VA, 20151-3360,  
United States of America

Telephone: +1 202-566-2126; Facsimile: +1 202-566-1639; E-mail: [MannD@battelle.org](mailto:MannD@battelle.org)

available from the JTC 1/SC 32 WebSite <http://www.jtc1sc32.org/>

\*Pacific Northwest National Laboratory (PNL) administers the ISO/IEC JTC 1/SC 32 Secretariat on behalf of ANSI

## DCOR EDITING MEETING

SQL/MM Part 2: Full-Text (1<sup>st</sup> Edition) – Technical Corrigendum 1

SQL/MM Part 3: Spatial (1<sup>st</sup> Edition) – Technical Corrigendum 1

SQL/MM Part 5: Still Image (1<sup>st</sup> Edition) – Technical Corrigendum 1

## FCD EDITING MEETING

SQL/MM Part 2: Full-Text (2<sup>nd</sup> Edition)

SQL/MM Part 3: Spatial (2<sup>nd</sup> Edition)

SQL/MM Part 5: Still Image (2<sup>nd</sup> Edition)

## ISO/IEC JTC 1/SC 32

7<sup>th</sup> – 11<sup>th</sup> October 2002

Dresden, Germany

Last Updated: October 29, 2002 14:31 EDT

### 1 Introduction of Participants

Participants are:

<b>Mark Ashworth (Canada)</b>	<a href="mailto:ashworth@ca.ibm.com">ashworth@ca.ibm.com</a>	
<b>Mark Hornick (USA)</b>	<a href="mailto:mark.hornick@oracle.com">mark.hornick@oracle.com</a>	
<b>Jutta Kreyss (Germany)</b>	<a href="mailto:kreyss@de.ibm.com">kreyss@de.ibm.com</a>	
<b>Krishna Kulkarni (USA)</b>	<a href="mailto:krishnak@us.ibm.com">krishnak@us.ibm.com</a>	
<b>Christoph Lingenfelder (Germany)</b>	<a href="mailto:lin@de.ibm.com">lin@de.ibm.com</a>	
<b>Mike Newton (UK)</b>	<a href="mailto:m.a.Newton@open.ac.uk">m.a.Newton@open.ac.uk</a>	
<b>Peter Pistor (Germany)</b>	<a href="mailto:peter.pistor@dinx.de">peter.pistor@dinx.de</a>	
<b>Jürgen Purtz (Germany)</b>	<a href="mailto:Purtz@t-online.de">Purtz@t-online.de</a>	(Mo, Tu)
<b>Paul Scarponcini (USA)</b>	<a href="mailto:paul.scarponcini@bentley.com">paul.scarponcini@bentley.com</a>	
<b>Kohji Shibano (Japan)</b>	<a href="mailto:shibano@aa.tufs.ac.jp">shibano@aa.tufs.ac.jp</a>	
<b>Kenji Suzuki (Japan)</b>	<a href="mailto:suzuki@tiu.ac.jp">suzuki@tiu.ac.jp</a>	
<b>Vanderlei Vilhanova Ortêncio (Brazil)</b>	<a href="mailto:vilanova@pr.gov.br">vilanova@pr.gov.br</a>	

# DCOR and FCD Editing Meeting Minutes

## 2 Distribution of Documents

To the document register for the meeting,

DRS-001	Lingenfelder	"Minutes of Seoul, Korea"
DRS-002	Shiratori	SQL/MM-Part 1: Framework 1st Edition TC Text
DRS-003	Ashworth	SQL/MM-Part 2: Full-Text 1st Edition DCOR Text
DRS-004	Ashworth	SQL/MM-Part 3: Spatial 1st Edition DCOR Text
DRS-005	Ashworth	SQL/MM-Part 5: Still Image 1st Edition DCOR Text
DRS-006	Shiratori	SQL/MM-Part 1: Framework 2nd Edition FDIS Text
DRS-007	Ashworth	SQL/MM-Part 2: Full-Text 2nd Edition FCD Text
DRS-008	Ashworth	SQL/MM-Part 3: Spatial 2nd Edition FCD Text
DRS-009	Ashworth	SQL/MM-Part 5: Still Image 2nd Edition FCD Text
DRS-010	Lingenfelder	SQL/MM-Part 6: Data Mining 1st Edition FDIS Text
DRS-011	Lingenfelder	Minutes of SQL/MM Part 1: Framework 2nd Edition FCD Editing Meeting
DRS-012	Shiratori	Final Disposition of Ballot Comments for SQL/MM Part 1: Framework 2nd Edition FCD Editing Meeting
DRS-013	Ashworth	Consolidated Ballot Comments for SQL/MM-Part 2: Full-Text FCD
DRS-014	Ashworth	Consolidated Ballot Comments for SQL/MM-Part 3: Spatial FCD
DRS-015	Ashworth	Consolidated Ballot Comments for SQL/MM-Part 5: Still Image FCD
DRS-016	Shiratori	SQL/MM-Part 1: Framework 3rd Edition WD Text
DRS-017	Ashworth	SQL/MM-Part 2: Full-Text 3rd Edition WD Text
DRS-018	Ashworth	SQL/MM-Part 3: Spatial 3rd Edition WD Text
DRS-019	Ashworth	SQL/MM-Part 5: Still Image 3rd Edition WD Text
DRS-020	Lingenfelder	SQL/MM-Part 6: Data Mining 2nd Edition WD Text
DRS-021	Germany	Logistical information for Dresden meeting
DRS-022	Ashworth	Consolidated Ballot Comments for SQL/MM-Part2: Full-Text DCOR
DRS-023	Ashworth	Consolidated Ballot Comments for SQL/MM-Part3: Spatial DCOR
DRS-024	Ashworth	Consolidated Ballot Comments for SQL/MM-Part5: Still Image DCOR
DRS-025	Germany	"FCD ballot comments for SQL/ MM 13249-2, FCD ballot comments for SQL/ MM 13249-3 and FCD ballot comments for SQL/ MM 13249-5"
DRS-026	USA	"comments on FCD 13249-2, -3, -5"
DRS-027	USA	"comments on DCOR 13249-2, -3, -5"
DRS-028	Canada	"Canadian DCOR ballot comments for Part 2:Full-Text, Part 3: Spatial and Part 5: Still Image"
DRS-029	Canada	"Canadian FCD ballot comments for Part 2:Full-Text, Part 3: Spatial and Part 5: Still Image"
DRS-030	Japan	"Japanese DCOR ballot comments for Part 2:Full-Text, Part 3: Spatial and Part 5: Still Image"
DRS-031	Japan	"Japanese FCD ballot comments for Part 2:Full-Text, Part 3: Spatial and Part 5: Still Image"
DRS-032	Editor	"Text in IS, delete an unnecessary TC entry Resolving: Seq #001, CAN-P02-001 "

## DCOR and FCD Editing Meeting Minutes

DRS-033	Ashworth	"Fix SQLSTATEs Resolving: Seq #007, CAN-P02-007 in Full-Text DCOR Seq #011, CAN-P03-010 in Spatial DCOR Seq #013, CAN-P05-009 in Still Image DCOR Seq #023, CAN-P02-003 in Full-Text FCD Seq #066, CAN-P03-061 in Spatial FCD Seq #018, CAN-P05-003 in Still Image FCD "
DRS-034	Ashworth	"Moving rules to their own clause Resolving: Seq #10, CAN-P03-006, Seq #13, CAN-P03-009 "
DRS-035	Ashworth	"Add variable assignments Resolving: Seq #009, USA-P05-008, Seq #010, USA-P05-009"
DRS-036	Kreyss	References by Structured Search Types to the Conformance Clause
DRS-037	Kreyss	NumberOfMatches: Default and Exceptions
DRS-038	Kreyss	Documentation of the Implemented Approach
DRS-039	Pistor	Resolving SEQ#006 (DEU-P02-003)
DRS-040	Japan	Discussion paper about color of determination in Part 5: Still-image
DRS-041	Japan	may not usage of Part 3: Spatial 1st edition in prohibition context
DRS-042	Japan	may not usage of Part 3: Spatial FCD in prohibition context
DRS-043	Japan	may not usage of Part 3: Spatial WD in prohibition context
DRS-044	Japan	"Improving ""meridian"" definition taken from TC211 standard in Part 3, 1st Edition"
DRS-045	Japan	"Striking out ""value"" expressions from Subclause 3.1 Definition in Part 3: Spatial, 2nd Edition FCD"
DRS-046	Japan	"Striking out ""value"" expressions from Subclause 3.1 Definition in Part 3: Spatial, 1st Edition"
DRS-047	Japan	"Striking out ""value"" expressions from Subclause 3.1 Definition in Part 3: Spatial, 3rd Edition WD "
DRS-048	Japan	Change proposal of term definition related GML in Part 3: Spatial
DRS-049	Ashworth	Address Seq #2 JPN-P03-001 & Seq#6 JPN-P03-003
DRS-050	Japan	"Address linear units in ST_Distance, ST_Buffer, ST_Length, ST_Area, and ST_Perimeter method",

# DCOR and FCD Editing Meeting Minutes

the following papers were added and then distributed:

DRS-036R1	Kreyss	References by Structured Search Types to the Conformance Clause
DRS-038R1	Kreyss	Documentation of the Implemented Approach
DRS-049R1	Ashworth	Address Seq #2 JPN-P03-001 & Seq#6 JPN-P03-003
DRS-051	SC32	Meeting Notice of FCD and DCOR 13249-2,3,5 Editing Meeting
DRS-052	SC32	Summary of Voting DCOR 13249-2
DRS-053	SC32	Summary of Voting DCOR 13249-3
DRS-054	SC32	Summary of Voting DCOR 13249-5
DRS-055	SC32	Summary of Voting FCD 13249-2
DRS-056	SC32	Summary of Voting FCD 13249-3
DRS-057	SC32	Summary of Voting FCD 13249-5
DRS-058	Ashworth	Extended file name conventions
DRS-059	Pistor	Farewell to explicit recursive queries DEU-p02-002, 6, 8, 11, 13
DRS-059R1	Pistor	Farewell to explicit recursive queries DEU-p02-002, 6, 8, 11, 13
DRS-060	Hornick and Lingenfelder	Data Mining Roadmap
DRS-060R1	Hornick and Lingenfelder	Data Mining Roadmap
DRS-061	Pistor and Kreyss	Elimination of root type and hierarchy in Part 2
DRS-062	Kreyss	Defining most significant color
DRS-063	Shiratori	Address Seq. #002, JPN-P02-001 (Full Text)
DRS-064	Pistor	Resolving Seq #007, #013, #020, #021
DRS-065	Melton	(discussion) Permitting standardized association of images and features
DRS-066	Ortencio	Improvement proposal for Part 6 Data Mining
DRS-067	Scarponcini	Solving miscellaneous problems
DRS-068	Shiratori	Address Seq. #004, JPN-P02-003
DRS-069	Kulkarni	Amendment to DRS-064
DRS-070	Ashworth	Amendment to 2.4 in DRS-067
DRS-071	Hornick and Lingenfelder	Document Structure of Part 6: Data Mining

### 3 Selection of Secretary and Resolution Recorder

Christoph Lingenfelder is appointed secretary.

### 4 Approval of Agenda

Agenda changes are distributed and presented by Mark Ashworth. The agenda is accepted unanimously.

**5 Administrative Matters**

- 5.1 WG4: DRS-051, ISO/IEC JTC 1/SC 32 N 858, Meeting Notice and Draft Agenda for ISO/IEC FCD and DCOR 13249-2,3,5 SQL/MM Part 2: Full Text, Part 3: Spatial, and Part 5: Still Image Editing meeting, 7 October (Monday) to 11 October (Friday), Dresden, Germany**

Noted.

- 5.2 DRS-003, ISO/IEC DCOR 13249-2, SQL Multimedia and Application Packages (SQL/MM)—Part 2: Full-text 1<sup>st</sup> Edition DCOR Text, March 2002.**

Noted.

- 5.3 DRS-004, ISO/IEC DCOR 13249-3, SQL Multimedia and Application Packages (SQL/MM)—Part 3: Spatial 1<sup>st</sup> Edition DCOR Text, March 2002.**

Noted.

- 5.4 DRS-005, ISO/IEC DCOR 13249-5, SQL Multimedia and Application Packages (SQL/MM)—Part 5: Still Image 1<sup>st</sup> Edition DCOR Text, March 2002.**

Noted.

- 5.5 WG4: DRS-052, ISO/IEC JTC 1/SC 32 N 849, Summary of Voting/Table of Replies on 32N0771 - ISO/IEC DCOR 13249-2:2000(E) SQL Multimedia and Application Packages (SQL/MM) – Part 2: Full-text – Technical Corrigendum 1, July 2002**

Noted.

- 5.6 WG4: DRS-053, ISO/IEC JTC 1/SC 32 N 851, Summary of Voting/Table of Replies on 32N0772 - ISO/IEC DCOR 13249-3:1999(E) SQL Multimedia and Application Packages (SQL/MM) – Part 3: Spatial – Technical Corrigendum 1, July 2002**

Noted.

- 5.7 WG4: DRS-054, ISO/IEC JTC 1/SC 32 N 852, Summary of Voting/Table of Replies on 32N0773 - ISO/IEC DCOR 13249-5:2001(E) SQL Multimedia and Application Packages (SQL/MM) – Part 5: Still Image – Technical Corrigendum 1, July 2002**

Noted.

- 5.8 WG4: DRS-022, Consolidated Ballot Comments on SQL/MM Part 2: Full-Text (1<sup>st</sup> Edition) – Technical Corrigendum 1**

Noted.

- 5.9 WG4: DRS-023, Consolidated Ballot Comments on SQL/MM Part 3: Spatial (1<sup>st</sup> Edition) – Technical Corrigendum 1**

Noted.

- 5.10 WG4: DRS-024, Consolidated Ballot Comments on SQL/MM Part 5: Still Image (1<sup>st</sup> Edition) – Technical Corrigendum 1**

Noted.

## DCOR and FCD Editing Meeting Minutes

- 5.11 DRS-007, ISO/IEC FCD 13249-2, SQL Multimedia and Application Packages (SQL/MM)—Part 2: Full-text 2<sup>nd</sup> Edition FCD Text, March 2002.**

Noted.

- 5.12 DRS-008, ISO/IEC FCD 13249-3, SQL Multimedia and Application Packages (SQL/MM)—Part 3: Spatial 2<sup>nd</sup> Edition FCD Text, March 2002.**

Noted.

- 5.13 DRS-009, ISO/IEC FCD 13249-5, SQL Multimedia and Application Packages (SQL/MM)—Part 5: Still Image 2<sup>nd</sup> Edition FCD Text, March 2002.**

Noted.

- 5.14 WG4: DRS-055, ISO/IEC JTC 1/SC 32 N 861, Summary of Voting on Document 32N0760 - ISO/IEC FCD 13249-2 Information Technology – SQL Multimedia and Application Packages (SQL/MM) – Part 2: Full-text, August 2002**

Noted.

- 5.15 WG4: DRS-056, ISO/IEC JTC 1/SC 32 N 862, Summary of Voting on Document 32N0761 - ISO/IEC FCD 13249-3 Information Technology – SQL Multimedia and Application Packages (SQL/MM) – Part 3: Spatial, August 2002**

Noted.

- 5.16 WG4: DRS-057, ISO/IEC JTC 1/SC 32 N 863, Summary of Voting on Document 32N0762 - ISO/IEC FCD 13249-5 Information Technology – SQL Multimedia and Application Packages (SQL/MM) – Part 5: Still Image, August 2002**

Noted.

- 5.17 WG4: DRS-013, Consolidated FCD Ballot Comments on SQL/MM Part 2: Full-Text (2<sup>nd</sup> Edition)**

Noted.

- 5.18 WG4: DRS-014, Consolidated FCD Ballot Comments on SQL/MM Part 3: Spatial (2<sup>nd</sup> Edition)**

Noted.

- 5.19 WG4: DRS-015, Consolidated FCD Ballot Comments on SQL/MM Part 5: Still Image (2<sup>nd</sup> Edition)**

Noted.

### **5.20 Convenor's Definition of Consensus**

Every effort will be made to obtain a consensual decision. If this is not possible, the majority will prevail.

## **6 National Body Opening Comments**

### **6.1 Brazil**

Brazil is pleased to attend one more WG4 meeting and wishes this meeting will be very productive as it is the use of this group.

We have translated the part\_1 Framework and part\_3 Spatial into Portuguese and also we are putting some work into part\_6 Data Mining too.

### **6.2 Canada**

Canada is pleased with the progress made toward publication of the first edition of Part 6 Data Mining and the second edition of Part 1: Framework.

Canada is also pleased to participate in this set of editing meetings and to see a high percentage of ballot comments either with solutions provided or papers addressing the issued. Canada looks forward to a productive editing meeting.

Canada would like to thank the German NB, particularly Jutta Kreys, and Christoph Lingenfelder, for arranging the working group and editing meetings at a very philosophically conducive location.

### **6.3 Germany**

Welcome to Dresden. Happily, the severe flood is over, a lot of the resulting damages are already handled but you also will discover ongoing problems in the city center.

The German delegation looks forward to work with the other national bodies to address the outstanding FCD ballots and to continue to start the work for a new version of data mining.

SQL has matured considerably; Germany wants to see the new features reflected in the ongoing work of MM, and some contributions go exactly in that direction. In the past MM has been the stress test for SQL, and MM should pursue that effort to the profit of SQL and of course of its own.

Germany is happy to host this meeting and hopes, that the surrounding provides very good support and atmosphere for a productive meeting.

### **6.4 Japan**

Japan looks forward to a successful completion of the FCD and DCOR Editing Meeting and Progression to FDIS out of the Dresden meeting. Japan would like to thank the Germany National Body for hosting the WG4 meeting.

### **6.5 United Kingdom**

The UK regrets that it has had even less resource than usual to contribute to WG4. Thus our vote of 'Yes' without comment on the FCD ballots should only be taken as an indication of our continuing support for this work and not that we consider the documents to be perfect!

We would like to note that there are questions within the UK about the future work of this group and whether any other parts of the original proposal for SQL/MM are likely to be progressed. We suggest that this issue should be included in the discussion of the project plan.

The UK would like to thank Germany for arranging this meeting in such lovely surroundings.

### **6.6 United States of America**

USA is pleased with the successful completion of the FCD ballots on the 200x versions of SQL/MM Parts 2, 3, and 5 as well as the DCOR ballots on the 1999 versions of Parts 2, 3, and 5. USA hopes the FCD and

# DCOR and FCD Editing Meeting Minutes

DCOR Editing meetings succeed in resolving as many of the ballot comments as possible. USA hopes to table a paper addressing a possible problem with the Part 5 FCD document sometime this week.

USA also looks forward to productive discussions during the WG4 meeting. USA has a new delegate, Mark Hornick, for this meeting, who is an expert on data mining issues.

USA thanks Jutta Kreys and the German National body for hosting the meetings.

## **6.7 “P” Member**

- 6.7.1 Australia**
- 6.7.2 Belgium**
- 6.7.3 Brazil**
- 6.7.4 Canada**
- 6.7.5 China**
- 6.7.6 Czech Republic**
- 6.7.7 Egypt**
- 6.7.8 Finland**
- 6.7.9 France**
- 6.7.10 Germany**
- 6.7.11 Italy**
- 6.7.12 Japan**
- 6.7.13 Netherlands**
- 6.7.14 Norway**
- 6.7.15 Republic of Korea**
- 6.7.16 Sweden**
- 6.7.17 United Kingdom**
- 6.7.18 United States**

## **6.8 “O” Member**

- 6.8.1 Austria**
- 6.8.2 Denmark**
- 6.8.3 Russian Federation**

**7 SQL/MM Part 2: Full-Text – Technical Corrigendum 1**

**7.1 Minor Editorial Comments Accepted by Editor**

There are none.

**7.2 Comments with Solution Provided**

**7.2.1 #002, CAN-P02-002** accepted unanimously.

**7.2.2 #003, CAN-P02-003** accepted unanimously.

**7.2.3 #004, CAN-P02-004** accepted unanimously.

**7.2.4 #005, CAN-P02-005** accepted unanimously.

**7.2.5 #006, CAN-P02-006** accepted unanimously.

**7.3 Catchall Comments**

#008, CAN-P02-008 closed with no further action.

#009, USA-STC-001 closed with no further action (see also section 9.3).

**7.4 DRS-032, "Text in IS, delete an unnecessary TC entry"**

DRS-032 is presented by Mark Ashworth and accepted unanimously.

Comments Addressed:

#001, CAN-P02-001 closed.

**7.5 DRS-033, "Fix SQLSTATES"**

DRS-033 is presented by Mark Ashworth.

Jutta remarks that drs-037 also affects the same tables, therefore any changes to the base documents should take this into account.

The paper is passed unanimously.

Comments Addressed:

DCOR Comments Closed:

#007, CAN-P02-007 closed.

#011, CAN-P03-010 closed.

#013, CAN-P05-009 closed.

FCD Comments Closed:

#023, CAN-P02-003 closed.

#066, CAN-P03-061 closed.

#018, CAN-P05-003 closed.

## 8 SQL/MM Part 3: Spatial – Technical Corrigendum 1

### 8.1 Minor Editorial Comments Accepted by Editor

8.1.1 #014, CAN-P03-009 accepted unanimously and closed.

### 8.2 Comments with Solution Provided

8.2.1 #002, CAN-P03-002 accepted unanimously and closed.

8.2.2 #003, CAN-P03-003 accepted unanimously and closed.

8.2.3 #004, CAN-P03-004 accepted unanimously and closed.

8.2.4 #005, CAN-P03-005 accepted unanimously and closed.

8.2.5 #006, CAN-P03-006 accepted unanimously and closed.

8.2.6 #007, JPN-P03-001 withdrawn by Japan.

8.2.7 #008, CAN-P03-007 accepted unanimously and closed.

8.2.8 #009, JPN-P03-002 accepted unanimously and closed.  
This change shall also be applied to the FCD text.

8.2.9 #010, CAN-P03-008 accepted unanimously and closed.

### 8.3 Catchall Comments

#012, CAN-P03-011 closed with no further action.

#013, USA-STC-002 closed with no further action.

### 8.4 DRS-033, "Fix SQLSTATES"

See Agenda Item 7.5 DRS-033, "Fix SQLSTATES"

Comments Addressed:

#011, CAN-P03-010 closed.

### 8.5 DRS-050, "Address linear units in ST\_Distance, ST\_Buffer, ST\_Length, ST\_Area, and ST\_Perimeter method"

Suzuki-san presents the paper DRS-050. It is accepted unanimously.  
It also applies a minor fix to the FCD.

Comments Addressed:

#001, CAN-P03-001 closed.

### 8.6 DRS-041, "may not" usage of Part 3: Spatial 1st edition in prohibition context

Suzuki-san presents the paper DRS-041. It is accepted unanimously.

This paper identifies a problem discovered during the editing meeting and addresses it under the catchall comments:

#012, CAN-P03-011

#013, USA-STC-002

**8.7 DRS-044, Improving “meridian” definition taken from TC211 standard in Part 3, 1st Edition**

Suzuki-san presents the paper DRS-044. It is agreed to use the wording of the similar note in the published standard instead.

This paper identifies a problem discovered during the editing meeting and addresses it under the catchall comments:

#012, CAN-P03-011  
#013, USA-STC-002

**8.8 DRS-046, Striking out “value” expressions from Subclause 3.1 Definitions in Part 3: Spatial, 1st Edition**

Suzuki-san presents the paper DRS-046. It is accepted unanimously. Because there is no difference in content, the papers DRS-045 and DRS-047 are accepted as well.

This paper identifies a problem discovered during the editing meeting and addresses it under the catchall comments:

#012, CAN-P03-011  
#013, USA-STC-002

**9 SQL/MM Part 5: Still Image – Technical Corrigendum 1**

**9.1 Minor Editorial Comments Accepted by Editor**

- 9.1.1 #005, JPN-P05-001 accepted by the editor and closed.
- 9.1.2 #007, JPN-P05-003 accepted by the editor and closed.
- 9.1.3 #012, JPN-P05-004 accepted by the editor and closed.

**9.2 Comments with Solution Provided**

- 9.2.1 #001, CAN-P05-001 accepted and closed.
- 9.2.2 #002, CAN-P05-002 accepted and closed.
- 9.2.3 #003, CAN-P05-003 accepted and closed.
- 9.2.4 #004, CAN-P05-004 accepted and closed.
- 9.2.5 #008, CAN-P05-005 accepted and closed.
- 9.2.6 #009, CAN-P05-006 accepted and closed.
- 9.2.7 #010, CAN-P05-007 accepted and closed.
- 9.2.8 #011, CAN-P05-008 accepted and closed.

**9.3 Catchall Comments**

- #014, CAN-P05-010 closed with no further action.
- #015, USA-STC-001 closed with no further action (see also section 7.3).

**9.4 DRS-033, "Fix SQLSTATES"**

See Agenda Item 7.5 DRS-033, "Fix SQLSTATES"

Comments Addressed:

#013, CAN-P05-009 closed.

**9.5 #006, JPN-P05-002**

Jutta presents the paper DRS-062.

Christoph proposes the amendment to change the definition of "most significant color" to "a color with the highest frequency in a color histogram".

The paper is accepted as amended.

Comments Addressed:

#006, JPN-P05-002 closed.

**10 SQL/MM Part 2: Full-Text (2<sup>nd</sup> Edition)**

**10.1 Minor Editorial Comments Accepted by Editor**

There are none.

**10.2 Comments with Solution Provided**

**10.2.1 #001, CAN-P02-001** accepted unanimously and closed.

**10.2.2 #003, JPN-P02-002** globally change <key word> to <FT\_KeyWord>, accepted unanimously with amendment, closed.

**10.3 Catchall Comments**

#024, CAN-P02-004 remains open.

#025, DEU-P02-001 remains open.

#026, JPN-P02-004 remains open.

#027, USA-P02-004 remains open.

**10.4 DRS-033, "Fix SQLSTATES")**

See Agenda Item 7.5 DRS-033, "Fix SQLSTATES"

Agenda item 7.5 covers the Canadian comment.

Comments Addressed:

#023, CAN-P02-003 closed.

**10.5 DRS-036R1, "References by Structured Search Types to the Conformance Clause"**

Jutta presents the paper DRS-036.

Mike suggests to omit the words "conforming implementation" in all four occurrences and rewrite the sentences intelligently.

Jutta presents a revised version of the paper, DRS-036r1.

Amendment: omit the "in"s after "in the same way as".

## DCOR and FCD Editing Meeting Minutes

The revised paper is accepted as amended.

Comments Addressed:

#008, DEU-P02-005	closed.
#010, DEU-P02-007	closed.
#016, DEU-P02-010	closed.
#018, DEU-P02-012	closed.

### 10.6 DRS-037, "NumberOfMatches: Defaults and Exceptions"

Jutta presents the paper DRS-037.

Mike proposes the amendment to cast the return values of NULL as INTEGER (two occurrences).

The paper is accepted unanimously with the amendment.

Comments Addressed:

#014, USA-P02-002	closed.
#015, USA-P02-003	closed.

### 10.7 DRS-038R1, "Documentation of the Implemented Conformance Approach"

Jutta presents the paper DRS-038.

Peter proposes to change the new line in 3.1.1 on p.4 to "(FT\_FEATUREVALUE IN" instead of "(FT\_Interface IN", and add a closing parenthesis at the end of the line. 3.2.2 shall be changed analogously. In 3.2.2, further replace FT by SI.

Jutta presents a revised version of the paper, DRS-038r1.

Mike proposes to replace TRUE by UNKNOWN, with no negative effect, because it appears here in a CHECK clause, and to add an informative sentence "The ELSE case in the CHECK clause allows implementation-defined features to be included in this table."

The paper is accepted unanimously as amended.

Comments Addressed:

#022, DEU-P02-016	closed.
#028, CAN-P02-002	closed.
#016, DEU-P05-002	closed.

### 10.8 DRS-039, "Resolving SEQ#006 (DEU-P02-003)"

The paper DRS-039 is presented by Peter because the selection of an alternative (3.1 or 3.2) will affect the syntax of a number of other papers.

Alternative 3.2 is preferred by the group; Peter will revise the other papers accordingly.

Peter continues the presentation.

Proposal 2 of the paper (see section 3.2) is accepted unanimously.

Comments Addressed:

#006, DEU-P02-003	closed.
-------------------	---------

### 10.9 #002, JPN-P02-001

Suzuki-san introduces paper DRS-063.

Krishna proposes to change FT\_INFORMATION\_SCHEMA to FT\_INFORMTN\_SCHEMA to shorten the name to 18 characters, analogous to the text in spatial.

## DCOR and FCD Editing Meeting Minutes

The paper is accepted unanimously as amended.

The editor is requested to globally shorten the names and do the same for the TC.

The editor is requested (action item) to change the wording of other similar places accordingly.

Comments Addressed:

#006, JPN-P02-001                      closed.

### 10.10 #004, JPN-P02-003

Suzuki-san explains the problem. There is no change proposal.

Krishna will send a note to Faisal for clarification on the introduction of the term “invariance”.

Peter proposes to add the same rule (description rule 4) also to 5.1.4 (NumberOfMatches method). This proposal is accepted, but the comment remains open.

The paper DRS-068 is presented by Suzuki-san.

Krishna proposes a number of amendments in paper DRS-069.

Paper DRS-068 is accepted as amended by DRS-069.

Comments Addressed:

#004, JPN-P02-003                      closed.

### 10.11 #005, DEU-P02-002, DRS-059R1 “Farewell to explicit recursive queries: Resolving DEU-P02-002,006,008,011,013”

The paper DRS-059r1 is presented by Peter.

The paper also fixes another problem in the text (missing “andStem” after “SELF.Tokenize”, see end of sections 2.2.1 and 2.2.2) which must also be fixed in the TC.

The paper is accepted unanimously.

Comments Addressed:

#005, DEU-P02-002                      closed.

#009, DEU-P02-006                      closed.

#011, DEU-P02-008                      closed.

#017, DEU-P02-011                      closed.

#019, DEU-P02-013                      closed.

### 10.12 #007, DEU-P02-004

The paper DRS-064 is presented by Peter. There is a typo in the title page; the correct title is “**Resolving SEQ#007, SEQ#013, SEQ#020, SEQ#021**”. Further, a closing parenthesis is missing at the end of the line beginning “FROM UNNEST” in section 2.1.

There is an opportunity for further simplification of some code, which needs further attention. Some code may be redundant and therefore may be omitted in subclause 4.3.2 and many similar cases.

The editor is asked to change “CAST (NULL AS <type>)” to “NULL” in all SET and RETURN statements throughout the base document.

The paper is accepted as amended.

Comments Addressed:

#007, DEU-P02-004                      closed.

#013, DEU-P02-009                      closed.

#020, DEU-P02-014                      closed.

#021, DEU-P02-015                      closed.

**10.13 #009, DEU-P02-006, DRS-059R1 Farewell to explicit recursive queries: Resolving DEU-P02-002,006,008,011,013**

This comment is handled with paper DRS-059 in section 10.11.

**10.14 #011, DEU-P02-008, DRS-059R1 Farewell to explicit recursive queries: Resolving DEU-P02-002,006,008,011,013**

This comment is handled with paper DRS-059 in section 10.11.

**10.15 #012, USA-P02-001**

The comment will remain open until Santa Fe.

**10.16 #013, DEU-P02-009**

This comment is handled with paper DRS-064 in section 10.12.

**10.17 #017, DEU-P02-011, DRS-059R1 Farewell to explicit recursive queries: Resolving DEU-P02-002,006,008,011,013**

This comment is handled with paper DRS-059 in section 10.11.

**10.18 #019, DEU-P02-013, DRS-059R1 Farewell to explicit recursive queries: Resolving DEU-P02-002,006,008,011,013**

This comment is handled with paper DRS-059 in section 10.11.

**10.19 #020, DEU-P02-014**

This comment is handled with paper DRS-064 in section 10.12.

**10.20 #021, DEU-P02-015**

This comment is handled with paper DRS-064 in section 10.12.

**10.21 Use of the term “root type” in Full Text**

The paper DRS-061 is presented by Jutta.

This paper identifies a problem discovered during the editing meeting and addresses it under the catchall comments:

#024, CAN-P02-004

#025, DEU-P02-001

#026, JPN-P02-004

#027, USA-P02-004

The paper is accepted unanimously.

## 11 SQL/MM Part 3: Spatial (2<sup>nd</sup> Edition)

### 11.1 Minor Editorial Comments Accepted by Editor

- 11.1.1 **#003, JPN-P03-005**  
is minor editorial (renumbering), accepted unanimously and closed.
- 11.1.2 **#004, JPN-P03-002** accepted unanimously and closed.
- 11.1.3 **#014, JPN-P03-004** accepted unanimously and closed.

### 11.2 Comments with Solution Provided

- 11.2.1 **#001, CAN-P03-001** accepted unanimously and closed.
- 11.2.2 **#005, CAN-P03-002**  
Amendments:  
1) Change the last sentence of the first paragraph of subclause 4.1 to:  
ST\_Geometry and its subtype family constitute the *geometry type hierarchy*, which is visually described in annex D, ....  
2) Add the terms “maximal supertype” and “subtype family” to the definitions taken from SQL Foundation.

The comment is accepted unanimously as amended.

Action Item (for framework editor): Add the terms “maximal supertype” and “subtype family” to the definitions taken from SQL Foundation.

- 11.2.3 **#007, CAN-P03-003** accepted unanimously and closed.
- 11.2.4 **#008, CAN-P03-004** accepted unanimously and closed.
- 11.2.5 **#009, CAN-P03-005**  
Analogous changes are necessary for sequence numbers 11, 15-21, 23-33, 35-41, and 43-63. Mike raises the concern, that this approach will prevent vendor extensions to the representations. He proposes to change “an exception condition is raised” by “it is implementation defined whether the exception condition “...” is raised.”  
The solution is accepted as amended for this comment and the analogous ones. Further, the editor is requested to add the new exceptions to the SQL state class and subclass table and the entries in the annex for implementation-defined items.
- 11.2.6 **#011, CAN-P03-007** accepted unanimously (see 11.2.5) and closed.
- 11.2.7 **#012, CAN-P03-008**  
Amendments are proposed:  
1) Change column header on “Table n – Geometry Tape Values” from “Geometry Type” and “Value” to “<well-known binary representation>” and “<uint32> Value,” respectively.  
2) Globally replace “Geometry Type Values” with “<well-known binary representation> <uint32> Values”  
The proposal is accepted unanimously as amended. The comment is closed.
- 11.2.8 **#015, CAN-P03-010** accepted unanimously (see 11.2.5) and closed.
- 11.2.9 **#016, CAN-P03-011** accepted unanimously (see 11.2.5) and closed.
- 11.2.10 **#017, CAN-P03-012** accepted unanimously (see 11.2.5) and closed.
- 11.2.11 **#018, CAN-P03-013** accepted unanimously (see 11.2.5) and closed.

## DCOR and FCD Editing Meeting Minutes

11.2.12 #019, CAN-P03-014	accepted unanimously (see 11.2.5) and closed.
11.2.13 #020, CAN-P03-015	accepted unanimously (see 11.2.5) and closed.
11.2.14 #021, CAN-P03-016	accepted unanimously (see 11.2.5) and closed.
11.2.15 #022, CAN-P03-017	The solution is accepted unanimously with the amendment to change "ST_MultiCurve" to "ST_Curve." The comment is closed.
11.2.16 #023, CAN-P03-018	accepted unanimously (see 11.2.5) and closed.
11.2.17 #024, CAN-P03-019	accepted unanimously (see 11.2.5) and closed.
11.2.18 #025, CAN-P03-020	accepted unanimously (see 11.2.5) and closed.
11.2.19 #026, CAN-P03-021	accepted unanimously (see 11.2.5) and closed.
11.2.20 #027, CAN-P03-022	accepted unanimously (see 11.2.5) and closed.
11.2.21 #028, CAN-P03-023	accepted unanimously (see 11.2.5) and closed.
11.2.22 #029, CAN-P03-024	accepted unanimously (see 11.2.5) and closed.
11.2.23 #030, CAN-P03-025	accepted unanimously (see 11.2.5) and closed.
11.2.24 #031, CAN-P03-026	accepted unanimously (see 11.2.5) and closed.
11.2.25 #032, CAN-P03-027	accepted unanimously (see 11.2.5) and closed.
11.2.26 #033, CAN-P03-028	accepted unanimously (see 11.2.5) and closed.
11.2.27 #034, CAN-P03-029	accepted unanimously and closed.
11.2.28 #035, CAN-P03-030	accepted unanimously (see 11.2.5) and closed.
11.2.29 #036, CAN-P03-031	accepted unanimously (see 11.2.5) and closed.
11.2.30 #037, CAN-P03-032	accepted unanimously (see 11.2.5) and closed.
11.2.31 #038, CAN-P03-033	accepted unanimously (see 11.2.5) and closed.
11.2.32 #039, CAN-P03-034	accepted unanimously (see 11.2.5) and closed.
11.2.33 #040, CAN-P03-035	accepted unanimously (see 11.2.5) and closed.
11.2.34 #041, CAN-P03-036	accepted unanimously (see 11.2.5) and closed.
11.2.35 #042, CAN-P03-037	accepted unanimously and closed.
11.2.36 #043, CAN-P03-038	accepted unanimously (see 11.2.5) and closed.
11.2.37 #044, CAN-P03-039	accepted unanimously (see 11.2.5) and closed.
11.2.38 #045, CAN-P03-040	accepted unanimously (see 11.2.5) and closed.
11.2.39 #046, CAN-P03-041	accepted unanimously (see 11.2.5) and closed.
11.2.40 #047, CAN-P03-042	accepted unanimously (see 11.2.5) and closed.
11.2.41 #048, CAN-P03-043	accepted unanimously (see 11.2.5) and closed.
11.2.42 #049, CAN-P03-044	accepted unanimously (see 11.2.5) and closed.
11.2.43 #050, CAN-P03-045	accepted unanimously (see 11.2.5) and closed.
11.2.44 #051, CAN-P03-046	accepted unanimously (see 11.2.5) and closed.
11.2.45 #052, CAN-P03-047	accepted unanimously (see 11.2.5) and closed.
11.2.46 #053, CAN-P03-048	accepted unanimously (see 11.2.5) and closed.
11.2.47 #054, CAN-P03-049	accepted unanimously (see 11.2.5) and closed.

## DCOR and FCD Editing Meeting Minutes

<b>11.2.48 #055, CAN-P03-050</b>	accepted unanimously (see 11.2.5) and closed.
<b>11.2.49 #056, CAN-P03-051</b>	accepted unanimously (see 11.2.5) and closed.
<b>11.2.50 #057, CAN-P03-052</b>	accepted unanimously (see 11.2.5) and closed.
<b>11.2.51 #058, CAN-P03-053</b>	accepted unanimously (see 11.2.5) and closed.
<b>11.2.52 #059, CAN-P03-054</b>	accepted unanimously (see 11.2.5) and closed.
<b>11.2.53 #060, CAN-P03-055</b>	accepted unanimously (see 11.2.5) and closed.
<b>11.2.54 #061, CAN-P03-056</b>	accepted unanimously (see 11.2.5) and closed.
<b>11.2.55 #062, CAN-P03-057</b>	accepted unanimously (see 11.2.5) and closed.
<b>11.2.56 #063, CAN-P03-058</b>	accepted unanimously (see 11.2.5) and closed.
<b>11.2.57 #064, CAN-P03-059</b>	accepted unanimously and closed.
<b>11.2.58 #065, CAN-P03-060</b>	accepted unanimously and closed.
<b>11.2.59 #070, CAN-P03-063</b>	accepted unanimously and closed.
<b>11.2.60 #071, CAN-P03-064</b>	accepted unanimously and closed.

### 11.3 Catchall Comments

#067, CAN-P03-062	closed with no further action.
#068, DEU-P03-001	closed with no further action.
#069, USA-P03-001	closed with no further action.

### 11.4 DRS-033, "Fix SQLSTATES"

See Agenda Item 7.5 DRS-033, "Fix SQLSTATES"

Comments Addressed:

#066, CAN-P03-061                      closed.

### 11.5 DRS-034, "Moving rules to their own clause"

The paper DRS-034 is presented by Mark In the first note to the reader in section 2.1 and 3.1, replace "ST\_WKBToSQL" with "ST\_WKTTToSQL".

The paper is accepted as amended.

Comments Addressed:

#010, CAN-P03-006                      closed.  
#013, CAN-P03-009                      closed.

### 11.6 DRS-049R1, "Address Seq #2 JPN-P03-001 & Seq#6 JPN-P03-003" DRS-048, Change proposal of term definition related GML in Part 3: Spatial

The paper DRS-048 is presented by Suzuki-san. Then Mark presents paper DRS-049.

Mike proposes an amendment to paper DRS-049, changing in the definition of GML\_Representation (2.2) "GML Schema" to "Geometry Schema (geometry.xsd) as defined in OpenGIS® Geometry Markup Language (GML), Release 2.0".

Mark presents paper DRS-049r1.

Amendments:

In section 2.2, delete the last red "a" in 3.1.2.18+2.  
In 2.3, add an "s" to "return" in 23).

# DCOR and FCD Editing Meeting Minutes

The paper is accepted unanimously with these two amendments.

Comments Addressed:

#002, JPN-P03-001                      closed.  
#006, JPN-P03-003                      closed.

## 11.7 DRS-042, “may not” usage of Part 3: Spatial FCD in prohibition context

Suzuki-san presents the paper DRS-042 (see also paper DRS-040 under agenda item 8.5). It is accepted unanimously.

This paper identifies a problem discovered during the editing meeting and addresses it under the catchall comments:

#067, CAN-P03-062  
#068, DEU-P03-001  
#069, USA-P03-001

## 11.8 DRS-045, Striking out “value” expressions from Subclause 3.1 Definitions in Part 3: Spatial, 2nd Edition FCD

The paper DRS-045 is accepted. The discussion was done in conjunction with the paper DRS-046 under section 8.8.

## 11.9 DRS-067, Solving Miscellaneous Problems in Spatial

Paul presents the paper DRS-067.

In 2.3, replace the second last sentence with “For the given method, the type of the return value shall be one of the possible subtypes of ST\_Geometry specified in the return type set.”

In the last sentence, change “result set codes” to “return type set codes”.

In table 4 of the FCD text, change “result” to “return”.

In the 2<sup>nd</sup> and 3<sup>rd</sup> paragraph of 5.1.18 “Return types”, change “result” to “return”.

In 2.22 add parentheses to ST\_Radians and ST\_Degrees, and before CASE in c) insert “Otherwise, return an ST\_Direction value with:” Further change “azimuthangle” to “azimuthangle.ST\_Radians()”.

In 2.23, add parentheses to ST\_Radians.

Treat 2.24-2.26 analogously.

The paper DRS-067, except for sections 2.4 and 2.21, is accepted unanimously as amended.

Mark presents paper DRS-070 as a replacement for the changes of section 2.4 of DRS-067.

Amendments:

distance between two geometries

the minimum of the distances between all pairs of points composed of ...

Let  $g_1$  and  $g_2$  be two geometries.  $\text{dist}(g_1, g_2) = \text{Min}\{\text{distance between } p \text{ and } q \mid \dots\}$

distance between two points

the minimum of the lengths of all curves connecting the two points.

The paper DRS-070 is accepted as amended.

**12 SQL/MM Part 5: Still Image (2<sup>nd</sup> Edition)**

**12.1 Minor Editorial Comments Accepted by Editor**

12.1.1 #001, USA-P05-001 accepted by the editor and closed.

12.1.2 #003, USA-P05-002 accepted by the editor and closed.

12.1.3 #004, JPN-P05-001 accepted by the editor and closed.

**12.2 Comments with Solution Provided**

12.2.1 #002, CAN-P05-001 accepted and closed.

12.2.2 #013, USA-P05-010 accepted and closed.

12.2.3 #015, USA-P05-012 accepted and closed.

**12.3 Catchall Comments**

#019, CAN-P05-004 remains open.

#020, DEU-P05-001 remains open.

#021, USA-P05-013 remains open.

**12.4 DRS-033, "Fix SQLSTATES"**

See Agenda Item 7.5 DRS-033, "Fix SQLSTATES"

Comments Addressed:

#018, CAN-P05-003 closed.

**12.5 DRS-035, "Add variable assignments"**

Mark presents the paper. It is accepted unanimously.

Comments Addressed:

#009, USA-P05-008 closed.

#010, USA-P05-009 closed.

**12.6 DRS-038R1, "Documentation of the Implemented Conformance Approach"**

See Agenda Item 10.7, "DRS-038R1, "Documentation of the Implemented Conformance Approach"

Comments Addressed:

#016, DEU-P05-002 closed.

**12.7 #005, USA-P05-003**

remains open.

**12.8 #006, USA-P05-004**

remains open.

**12.9 #007, USA-P05-005**

remains open.

**12.10 #008, USA-P05-006**

remains open.

**12.11 #011, JPN-P05-002, DRS-040, Discussion paper about color of determination in Part 5: Still-image**

Suzuki-san presents the paper.

An amendment is proposed not to mention color histograms in 2.1. x) will read "...For each rectangle the most significant color is implementation-defined."

It is accepted unanimously as amended.

Paper DRS-062 is applied to FCD as well.

Amendment: change the definition of "most significant color" to "a single color representing the dominant color of a part of an image".

The paper is accepted as amended.

Comments Addressed:

#016, DEU-P05-002                      closed.

**12.12 #012, USA-P05-007**

remains open.

**12.13 #014, USA-P05-011**

remains open.

**12.14 #017, CAN-P02-002**

remains open.

**12.15 DRS-065, Permitting standardized association of images and features**

Krishna presents the paper, directed at comment USA-P05-013.

In the discussion, a number of concerns are raised; these are the most important contributions to the discussion:

- It is without precedence to include implementation detail and performance considerations into standard definitions.  
This appears to be a major concern. It was called a "paradigm change."
- It is not clear that these extensions are actually necessary and cannot be handled for instance by the optimizer.  
The rationale for the proposal should be stronger.
- Such a storage mechanism does not belong in the Still Image standard. The application can create such an "index" in a portable way (using SQL and the still image standard) and use it as appropriate. Most implementations create an index anyway.
- Full text and spatial implementations also depend on special indexing for good performance, but those mechanisms do not show in the language.

## DCOR and FCD Editing Meeting Minutes

- A use case is needed where it is impossible for an implementation to determine a well-performing way of answering the queries.
- It might be better to provide an admin tool to govern the "caching" depending on the system resources, rather than letting the application decide.
- There is a US ballot comment (#20) that could be used to meet the same purpose.

There are also some syntax errors, for instance in 2.4.5.

The paper DRS-065 is not processed, and the authors are asked to reconsider the paper.

### 13 National Body Closing Comments

#### 13.1 United States of America

USA is pleased with the completion of the DCOR editing meetings and the satisfactory progress in resolving the FCD ballot comments for Parts 2, 3, and 5. USA looks forward to the publication of the Technical Corrigenda for the first edition of Parts 2, 3, and 5 and to finishing the FCD editing meetings in Santa Fe.

USA thanks Germany National Body and especially Jutta Kreyss and Christoph Lingenfelder for hosting this meeting in this pleasant location and for the excellent banquet on Thursday.

USA thanks WG4 Convenor, Kohji Shibano, Editor Mark Ashworth and Secretary, Christoph Lingenfelder, for their diligent efforts in running the meetings smoothly.

#### 13.2 United Kingdom

The UK is pleased with progress on FCD ballot resolution and looks forward to its completion in Santa Fe.

The UK would like to thank Germany for providing such excellent facilities for our meeting.

#### 13.3 Japan

Japan is pleased with the progress made in resolving DCOR and FCD ballot comments on SQL/MM Part 2: Full-Text, Part 3: Spatial and Part 5: Still Image.

Japan would like to thank Kohji Shibano for chairing the WG4 meeting, Mark Ashworth for their effort as project editors, and Christoph Lingenfelder for taking minutes.

Once again Japan thanks the Germany National Body for hosting this meeting providing the good facilities, in a nice location.

#### 13.4 Germany

Germany is pleased with the completion of the DCOR and the progress, which was made during the FCD editing meeting in Dresden and waits to continue the FCD meeting in Santa Fe.

Germany is resolved to contribute to the finalization of the Full-Text Standard and is going to present a restructured Working Draft for Part 6, Data Mining, in Santa Fe.

Thanks to Kohji Shibano and Mark Ashworth for the smoothly running the meeting.

Germany hopes, that the lovely surroundings of Schloss Eckberg and Dresden itself produced effective working conditions for all of the participants and we wish everybody a safe trip back home.

#### 13.5 Canada

Canada is pleased with the progress made in the DCOR and FCD Editing meeting and the hard work by WG4 delegates in closing comments at this meeting. We look forward to the publication of the Technical

# DCOR and FCD Editing Meeting Minutes

Corrigenda for the first edition of Full-text, Spatial and Still Image and to finishing the FCD editing meetings in Santa Fe.

Canada would like to thank the Germany National Body and especially Jutta Kreys and Christoph Lingenfelder for hosting this meeting in this pleasant location. Canada also thanks IBM for the wonderful meal yesterday evening.

Canada thanks our Convenor, Kohji Shibano, and Secretary, Christoph Lingenfelder, for their diligent efforts to keep the meeting running smoothly.

## **13.6 Brazil**

Brazil is pleased to see progress in *the all* parts of SQL MM documents, Full Text, Spatial, Still Image and Data Mining. More specifically in the Editing Meeting we appreciate very productive work, providing relevant solutions resolving major part of comments.

Brazil expresses appreciation for the Germany representants by the organization, providing good conditions for the works during the meetings, stating also admiration by the good service the German people did to face the troubles from the High tide, recovering the damages in the nice city Dresden.

## **13.7 “P” Member**

**13.7.1 Australia**

**13.7.2 Belgium**

**13.7.3 Brazil**

**13.7.4 Canada**

**13.7.5 China**

**13.7.6 Czech Republic**

**13.7.7 Egypt**

**13.7.8 Finland**

**13.7.9 France**

**13.7.10 Germany**

**13.7.11 Italy**

**13.7.12 Japan**

**13.7.13 Netherlands**

**13.7.14 Norway**

**13.7.15 Republic of Korea**

**13.7.16 Sweden**

**13.7.17 United Kingdom**

**13.7.18 United States**

## **13.8 “O” Member**

**13.8.1 Austria**

**13.8.2 Denmark**

**13.8.3 Russian Federation**

## **14 Recommendations**

### **14.1 Preparation of Revised Texts and Disposition of Comments Report**

By Nov 15<sup>th</sup>, DCOR revised text and disposition of comments will be available.

By Dec 31<sup>st</sup>, an interim disposition of FCD comments will be available.

### **14.2 Recommendation Regarding Progression**

Paper WG4N0032-Dresden-editing-resolutions is discussed. There are two resolutions.

Resolution MM1 (Publication of Technical Corrigendum 1 of Part 2 Full-Text, Part 3 Spatial, and Part 5 Still Image)

Editing Group recommends to publish Technical Corrigendum 1 of Part 2, 3, and 5 upon receipt of the revised text from the project editor.

Resolution 1 is accepted unanimously.

Resolution MM2 (Continuation of Editing Meeting for FCD 13249-2 SQL/MM Full-Text, FCD 13249-3 SQL/MM Spatial, and FCD 13249-5 SQL/MM Still Image)

Editing Group recommends to continue the editing meeting of FCS 13249-2, 3, and 5 in Santa Fe to resolve remaining comments.

Resolution 2 accepted unanimously.

## **15 Action Items**

- 1) The convenor will send the resolutions to the SC32 secretariat.
- 2) The editor will deliver the revised texts (see 14.1).
- 3) The editor will provide an interim disposition of FCD comments (see 14.1).

## **16 Adjourn**

The meeting is adjourned at 10:10 on Friday, October 11, 2002.