

# ISO/IEC JTC 1/SC 32 N 0428

Date: 2000-01-27

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> <b>Administered by Pacific Northwest National Laboratory on behalf of ANSI</b></p>
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<b>DOCUMENT TYPE</b>	Meeting Report
<b>TITLE</b>	Minutes of the SQL/OLB Final Continuation Editing Meeting Santa Fe, New Mexico, USA, Jan 17 - 27, 2000
<b>SOURCE</b>	Paul Cotton (Canada)
<b>PROJECT NUMBER</b>	03.04.10.00.00
<b>STATUS</b>	Output document from SQL/OLB Final Continuation Editing Meeting
<b>REFERENCES</b>	
<b>ACTION ID.</b>	FYI
<b>REQUESTED ACTION</b>	
<b>DUE DATE</b>	
<b>Number of Pages</b>	17
<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 \*, 901 D Street, SW., Suite 900, Washington, DC, 20024-2115, United States of America

Telephone: +1 703 575 2114; Facsimile: +1 703 681 9180; E-mail: [MannD@battelle.org](mailto:MannD@battelle.org)

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**ISO/IEC JTC 1/SC 32 N0428**

**WG3 BHX-011**

Date: January 27, 2000

ISO

International Organization for Standardization

**ISO/IEC JTC 1/SC 32  
Data Management and Services  
WG3 Database Languages**

**Secretariat: USA (ANSI)**

**Title:** Minutes of the SQL/OLB Final Continuation Editing Meeting  
Santa Fe, New Mexico, USA, Jan 17 - 27, 2000

**Author:** Paul Cotton (Canada)

**Status:** Output document from SQL/OLB Final Continuation Editing Meeting

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The meeting started at 9:00 AM on Monday January 17, 1999 at La Fonda Hotel in Santa Fe, New Mexico. Stephen Cannan was in the chair.

## 1 Introduction Of Participants

Mark Ashworth	(Canada)
Don Bartley	(Australia)
Phil Brown	(UK)
Charles Campbell	(USA)
Dan Coyle	(USA)
Stephen Cannan	(Netherlands) WG3 Convenor
Paul Cotton	(Canada)
Hugh Darwen	(UK)
Takashi Kotera	(Japan)
Krishna Kulkarni	(USA)
Jim Melton	(USA) Project Editor
Baba Piprani	(Canada)
Friedemann Schwenkreis	(Germany)
Masashi Tsuchida	(Japan)

## 2 Distribution Of Documents

All participants either had or were provided with all documents on the document register.

## 3 Selection Of Secretary And Resolution Recorder

Paul Cotton agreed to record the minutes. Jim Melton agreed to record the resolution of the SQL/OLB ballot comments.

## 4 Approval Of Agenda

The original agenda for this meeting was published as SC32/WG3 N0023. The agenda was amended to include all of the tabled papers.

The final agenda can be found in Appendix A. The final document register can be found in Appendix B.

## 5 Administrative Matters

### 5.1 Calling notice for OLB Final Continuation Editing Meeting (SC32 N0371) (SAF-020)

Noted.

### 5.2 Minutes of ISO 9075-10 SQL/OLB FCD Continuation Editing Meeting, Netherlands (SC32 N00367, SAF-014)

Noted. The action items from SAF-014 were reviewed:

1. Agenda item 5.5 of SAF-014: Hugh Darwen will post RTM-103R1 and will continue to post additional files to the TEMPdocs directory in order to assist the Editor with editorial work on SQL/OLB.

RTM-103R1 was done and Hugh plans to do additional work at this meeting.

2. Agenda item 71.0 of SAF-014: Jim Melton will investigate if the SQL/OLB or SQL/Foundation Object Identifier needs to be modified to take into account the SQL/OLB conformance as defined by WG3 RTM-061.

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Jim recommended that no modifications are required since it is expected that either all or none of the SQL/OLB optional features will be provided.

3. Agenda item 7.24 of SAF-014: Dan Coyle will research the significance of the GetSensitivity() method returning zero as proposed in WG3 RTM-078. In particular the meaning of the return value of the GetSensitivity() method for non-scrollable result sets needs to be clarified. The importance of testing the GetSensitivity() (aka GetType()) return value in methods such as previous() in the scrollable interface also needs to be investigated.

See SAF-042. Done.

4. Agenda item 7.24 of SAF-014: Dan Coyle will research whether the difference implied between invoking next() and relative(1) in WG3 RTM-078 when there is no current row (e.g. the position is before the first row) is significant or not. The same question is applicable to prior() and relative(-1) when there is no current row (e.g. the position is after the last row).

See SAF-042. Done.

### 5.3 FCD 9075-10 SQL/OLB Interim FCD Text (SAF-018)

Noted.

### 5.4 FCD 9075-10 SQL/OLB Interim Disposition of Comments (SC32 N0365, SAF-016)

Noted.

### 5.5 Convenor's Definition of Consensus

The Convenor stated that a simple majority would be used to decide a paper that simply fixes a problem.

But the Convenor felt that for papers that remove or add new functionality, a consensus will be defined to be a majority of at least two votes. The Convenor will take into consideration any abstentions in determining the minimum number of yes votes in order to define a consensus. The Convenor would like a majority of the countries present to be voting Yes in this case.

## 6 National Body Opening Comments

### Australia

Australia applauds the OLB work to date and hopes for a successful editing meeting ☺.

### Canada

Canada is pleased to see that it appears that there are sufficient papers on the agenda to complete the work on SQL/OLB editing meeting.

### Germany

Germany is concerned about the direction into which OLB has been gone. Germany is questioning why Java is not treated as any other programming language. However, Germany is pretty much aware that it is too late to change anything regarding this situation.

For future projects, Germany will check whether these projects conform to the design principles of SQL and whether they should be really standardized.

Germany will only vote for a progression of OLB if all open comments are resolved.

## 4 SQL/OLB Editing Meeting

**Japan**

Japan greatly appreciates the work of SQLJ committee and Krishna Kulkarni to resolve OLB Japanese comments, especially the clarification of authorization identifier and host expression.

Japan supports the proposals of SQLJ committee and hope that all comments are going to be resolved.

**Netherlands**

The Netherlands was unhappy with the quality of the initial balloted document and has considerable doubts about the final quality and style of the output document but accepts that this is considerably better than the original and probably the best we can do in the time.

The Netherlands is unhappy that it has not had the time to work on improving the quality. However, given the needs of the market place we now believe that the document should be progressed out of the meeting given that all remaining comments are resolved as seems possible.

As currently written we believe the document contains much material which is unnecessary and will result in update anomalies. Considerable work will be needed after publication to remove this material before SQL 200n is published.

**United Kingdom**

UK has concerns that the existing Normative References in the OLB FDIS do not meet the JTC1 guidelines, published in JTC1 N4046, and that this deficiency will cause the JTC1-level committees in some National Bodies to vote against acceptance of the DIS.

The UK believes that, with the possible exception of the question of Normative References, this meeting will be able to produce a document of suitable quality for progression to DIS without a further FCD ballot. The UK has softened its initial position on progression expressed in its opening comments at the first session of the ballot resolution meeting, and is unlikely to object to progression from this meeting.

**USA**

USA is pleased to submit a number of contributions to this continuation FCD editing meeting. USA hopes that the acceptance of these papers will succeed in closing the remaining ballot comments. USA also hopes that the efforts of experts from multiple national bodies to address the editorial issues will finish their work during the meeting and the Editing meeting will recommend progression of the document to FDIS ballot.

**7 Language Opportunities for Immediate Closure****7.1 Seq#016 (GBR-P10-013)**

This ballot comment was deemed resolved and will be added to the SQL/OLB WD as a Language Opportunity.

**7.2 Seq#031 (DEU-P10-003)**

This ballot comment was deemed resolved and will be added to the SQL/OLB WD as a Language Opportunity.

**7.3 Seq#040 (DEU-P10-008)**

This ballot comment was deemed resolved and will be added to the SQL/OLB WD as a Language Opportunity.

**7.4 Seq#053 (DEU-P10-014)**

This ballot comment was deemed resolved and will be added to the SQL/OLB WD as a Language Opportunity.

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### **7.5 Seq#055 (CAN-P10-018) (SAF-052R1) (SAF-057) (partial)**

This ballot comment was deemed resolved and will be added to the SQL/OLB WD as a Language Opportunity.

### **7.6 Seq#056 (CAN-P10-019)**

This ballot comment was deemed resolved and will be added to the SQL/OLB WD as a Language Opportunity.

### **7.7 Seq#057 (CAN-P10-020)**

This ballot comment was deemed resolved and will be added to the SQL/OLB WD as a Language Opportunity.

### **7.8 Seq#058 (USA-P10-010) (SAF-052R1) (SAF-057) (partial)**

This ballot comment was deemed resolved and will be added to the SQL/OLB WD as a Language Opportunity.

### **7.9 Seq#059 (USA-P10-011) (SAF-052R1) (partial)**

This ballot comment was deemed resolved and will be added to the SQL/OLB WD as a Language Opportunity.

### **7.10 Seq#060 (DEU-P10-015)**

This ballot comment was deemed resolved and will be added to the SQL/OLB WD as a Language Opportunity.

### **7.11 Seq#084 (GBR-P10-019)**

This ballot comment was deemed resolved and will be added to the SQL/OLB WD as a Language Opportunity.

### **7.12 Seq#091 (CAN-P10-029) (SAF-052R1) (partial)**

This ballot comment was deemed resolved and will be added to the SQL/OLB WD as a Language Opportunity.

### **7.13 Seq#101 (GBR-P10-020)**

This ballot comment was deemed resolved and will be added to the SQL/OLB WD as a Language Opportunity.

### **7.14 Seq#113 (USA-P10-025)**

This ballot comment was deemed resolved and will be added to the SQL/OLB WD as a Language Opportunity.

### **7.15 Seq#114 (DEU-P10-020)**

This ballot comment was deemed resolved and will be added to the SQL/OLB WD as a Language Opportunity.

## **8 Resolution of Ballot Comments**

### **8.1 Seq#014 (USA-P10-002) (SAF-055)**

The remaining part of the ballot comment that refers to SQL-99 object-relational support was resolved by SAF-052R1 and SAF-057.

### **8.2 Seq#026 (JPN-P10-001) (SAF-055)**

SAF-055 indicates that this ballot comment was resolved by RTM-105 and RTM-061. This ballot comment was deemed resolved by RTM-105 and RTM-061.

## **6 SQL/OLB Editing Meeting**

**8.3 Seq#013 (GBR-P10-012), Seq#028 (USA-P10-004), Seq#041 (DEU-P10-009), Seq#042 (USA-P10-006), Seq#082 (USA-P10-018), Seq#049 (DEU-P10-011) (SAF-051R1)**

SAF-051R1 was adopted unanimously and resolves the following ballot comments:

- a) Seq#013 (GBR-P10-012)
- b) Seq#028 (USA-P10-004)
- c) Seq#041 (DEU-P10-009)
- d) Seq#042 (USA-P10-006)
- e) Seq#082 (USA-P10-018)
- f) Seq#049 (DEU-P10-011)

**8.4 Seq#032 (DEU-P10-004) (SAF-039)**

SAF-039 was adopted unanimously and resolves the following ballot comment:

- a) Seq#032 (DEU-P10-004)

**8.5 Seq#048 (USA-P10-008) (SAF-050)**

SAF-050 was adopted unanimously and resolves the following ballot comment:

- a) Seq#048 (USA-P10-008)

**8.6 Seq#062 (JPN-P10-005) (Editorially resolved)**

The meeting agreed that Seq#062 JPN-P10-005 has already been editorially resolved.

**8.7 Seq#066 (CAN-P10-022), Seq#069 (USA-P10-013) (SAF-040)**

SAF-040 was adopted unanimously and resolves the following ballot comments:

- a) Seq#066 (CAN-P10-022)
- b) Seq#069 (USA-P10-013)

**8.8 Seq#081 (USA-P10-017) (SAF-041), (SAF-054R1)**

The USA proposed to consider the solution in SAF-054 instead of the solution proposed in SAF-041.

SAF-054R1 was adopted unanimously and resolves the following ballot comments:

- a) Seq#061 (JPN-P10-004)
- b) Seq#070
- c) Seq#081
- d) Seq#083

The solution for Seq#061 replaces the solution originally adopted in RTM-110.

SAF-041 was withdrawn in favor of Section 22 in SAF-054R1.

**8.9 Seq#102 (JPN-P10-008) (SAF-054R1) (partial), Seq#103 (JPN-P10-009), (SAF-053)**

SAF-053 was adopted unanimously and resolves the following ballot comments:

- a) Seq#102 (JPN-P10-008)
- b) Seq#103 (JPN-P10-009)

SAF-054R1 partially resolved Seq#102 (JPN-P10-008).

**8.10 Seq#070 (USA-P10-014), Seq#083 (DEU-P10-017) (SAF-054R1)**

See agenda item 8.8.

**8.11 Seq#071 (USA-P10-015) (SAF-056)**

SAF-056 was adopted unanimously and resolves the following ballot comments:

- a) Seq#071 (USA-P10-015)



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### **8.12 Seq#072 (USA-P10-016) (SAF-055)**

SAF-055 indicates that this ballot comment was resolved by RTM-105 and RTM-061. This ballot comment was deemed resolved by RTM-105 and RTM-061.

### **8.13 Seq#073 (GBR-P10-017) (SAF-055)**

UK is providing the Editor with additional editorial changes. All changes will be completed by Feb 11.

This editorial work was deemed to resolve the following comments:

- a) Seq#073 (GBR-P10-017)
- b) Seq#074 (GBR-P10-018)

Agenda item: Hugh Darwen and Chris Farrar will complete the editorial work on SQL/OLB according to the direction outlined in WG3 RTM-103R1.

### **8.14 Seq#074 (GBR-P10-018) (SAF-055)**

See agenda item 8.13.

### **8.15 Seq#093 (CAN-P10-031) (SAF-055)**

SAF-055 indicates that this ballot comment was resolved by RTM-061. This ballot comment was deemed resolved by RTM-061.

### **8.16 Seq#106 (USA-P10-021) (SAF-052R1) (partial)**

SAF-052R1 was adopted unanimously and partially resolves the following ballot comments:

- a) Seq#106 (USA-P10-021)

The remaining part of Seq#106 was deemed a duplicate of the Language Opportunity being added to the SQL/OLB Working Draft for Seq#055 CAN-P10-018.

### **8.17 Response to Loenen OLB Action Items 3 & 4 Related to Scrolling Cursors (SAF-042R1)**

SAF-042R1 was adopted unanimously and resolves the two Loenen OLB action items and partially resolves Seq#098 which is the catchall ballot comment which refers to problems found during the editing process.

### **8.18 CLI determination of UDT type (SAF-064R1)**

SAF-064R1 was adopted unanimously and partially resolves the following ballot comments:

- a) Seq#112 (USA-P10-029)

### **8.19 Fixing problems with SQL path and transform groups (SAF-057)**

SAF-057 was adopted unanimously and partially resolves the following ballot comments:

- a) Seq#055
- b) Seq#058

### **8.20 Cleanup of uses of the phrase “result set” (SAF-066)**

SAF-066 was adopted unanimously and partially resolves the following ballot comments:

- a) Seq#112, USA-P10-029

## **9 Resolution of Catch-All Ballot Comments**

### **9.1 Seq#094 (CAN-P10-032)**

All of the catch-all ballot comments were deemed resolved after the closing of all other ballot comments.

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**9.2 Seq#095 (CAN-P10-033)**

See agenda item 9.1.

**9.3 Seq#096 (CAN-P10-034)**

See agenda item 9.1.

**9.4 Seq#097 (CAN-P10-035)**

See agenda item 9.1.

**9.5 Seq#098 (CAN-P10-036)**

See agenda item 9.1.

**9.6 Seq#111 (USA-P10-028)**

See agenda item 9.1.

**9.7 Seq#112 (USA-P10-029)**

See agenda item 9.1.

**10 National Body Closing Comments****Australia**

Australia is pleased with the completion of the SQL/OLB FCD editing meeting.

**Canada**

Canada is pleased with the completion of the SQL/OLB FCD editing meeting. Canada would especially like to thank the USA National Body for the early submission of many of its change proposals which permitted early review of these papers by other National Body experts. Canada believes that this pattern of co-operative work should be used for future WG and editing meeting since it greatly expedites the work on the SQL standard.

Canada looks forward to future work on this important SQL interface as part of WG3's future work on SQL:2002.

**Germany**

Germany is very pleased with the progress made during the meeting. Germany would like to thank all national standards bodies and Jim Melton as the editor for their excellent contributions.

The German delegation, as participating in its first editing meeting, is looking forward to future editing meetings.

**Japan**

Japan is pleased with success in resolving comments of OLB and appreciates the contributions by USA and other national bodies.

Japan think discussion by email is effective for smooth discussion in meeting and want to do it from now on.

**Netherlands**

The Netherlands is pleased that all comments have been resolved and that the document can progressed. We still believe that some more work can be done to remove unnecessary duplication with SQL/Foundation but that if this is indeed true it can be done in the context of SQL/200n. We believe that the primary lesson to be learned from the whole exercise is that we must never again accept bland assurances regarding the quality of a document before submitting it to ballot. We are also not convinced that the experiment of using a different style has been a success and would prefer no to repeat it.

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### UK

We are pleased that all our ballot comments have been resolved to our satisfaction. When we originally wrote them we did not entertain high expectations that this would happen. That it *has* happened is in no small part due to the excellent collaboration between members of the SQLJ committee and members of WG3. We would like to express our special appreciation of the efforts of Dan Coyle, Stefan Dessloch and Chris Farrar who helped us in our own contribution. We will now support any motion to submit this meeting's output document for an FDIS ballot.

### USA

USA is pleased that the Editing meeting managed to resolve all the SQL/OLB FCD ballot comments to the satisfaction of each national body and recommend progression to FDIS ballot. USA is sure that the timely publication of this standard will be pretty beneficial to the database industry. USA thanks all the delegates who worked cooperatively to address the ballot comments (and the quality of the document), Jim Melton for the tremendous job he always does with the editing task and Steve Cannan for running the meetings smoothly and efficiently.

## 11 Recommendations

### 11.1 Preparation of Revised Texts (SD-005)

The SQL/OLB editing meeting discussed its progression schedule and came up with the following proposed schedule:

February 11	Completion of OLB editorial work by UK and SQLJ experts
March 19	Posting of revised SQL/OLB text to Jerry
March 20 – April 6	SQL/OLB sneak peek 1 period
April 16	Posting of revised SQL/OLB text to Jerry
April 17 – April 21	SQL/OLB sneak peek 2 period
April 30	Posting of SQL/OLB FDIS document to Jerry

### 11.2 Disposition of Comments Report

WG3 BHX-011 (these minutes), WG3 SAF-014 and WG3 RTM-016 (the minutes of the FCD continuation editing meetings), WG3 BHX-012 (final disposition of comments) and BHX-013 (revised SQL/OLB base document) will act as the disposition of Comments Report for the SQL/OLB FCD editing meeting.

### 11.3 Recommendation Regarding Progression

The FCD final Editing Meeting held in Santa Fe, New Mexico, U.S.A. between the 17<sup>th</sup> and the 27<sup>th</sup> January 2000 recommend that the SQL/Object Language Bindings (SQL/OLB) document be progressed to FDIS as soon as the revised text is available.

For: Australia, Canada, Japan, Germany, Netherlands, UK, USA

Against: None

Abstain: None

## 12 Action Items

1. Agenda item 8.13 of BHX-011: Hugh Darwen and Chris Farrar will complete the editorial work on SQL/OLB according to the direction outlined in WG3 RTM-103R1.

## 13 Adjourn

The SQL/OLB editing meeting expresses its thanks to the USA delegation and the sponsoring organizations for its wonderful meeting facilities in Santa Fe. The meeting were of the very highest standard and

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permitted the WG3 editing meeting to achieve significant results. The meeting also expressed its gratitude to Chuck Campbell of the USA delegation for providing the local area network and printer used during the meeting.

The meeting adjourned at 10:10 AM on Thursday January 27.

## Appendix A Final Agenda

### SQL/OLB FCD Final Continuation Editing Meeting 17th – 27th January, 2000 Santa Fe, New Mexico, USA

1 Introduction Of Participants

2 Distribution Of Documents

3 Selection Of Secretary And Resolution Recorder

4 Approval Of Agenda

5 Administrative Matters

5.1 Calling notice for OLB Final Continuation Editing Meeting (SC32 N0371) (SAF-020)

5.2 Minutes of ISO 9075-10 SQL/OLB FCD Continuation Editing Meeting, Loenen a/d Vecht (SC32 N00367, SAF-014)

5.3 FCD 9075-10 SQL/OLB Interim FCD Text (SAF-018)

5.4 FCD 9075-10 SQL/OLB Interim Disposition of Comments (SC32 N0365, SAF-016)

5.5 Convenor's Definition of Consensus

6 National Body Opening Comments

7 Language Opportunities for Immediate Closure

7.1 Seq#016 (GBR-P10-013)

7.2 Seq#031 (DEU-P10-003)

7.3 Seq#040 (DEU-P10-008)

7.4 Seq#053 (DEU-P10-014)

7.5 Seq#055 (CAN-P10-018) (SAF-052R1) (partial)  
(SAF-057) (partial)

7.6 Seq#056 (CAN-P10-019)

7.7 Seq#057 (CAN-P10-020)

7.8 Seq#058 (USA-P10-010) (SAF-052R1) (partial)  
(SAF-057) (partial)

7.9 Seq#059 (USA-P10-011) (SAF-052R1) (partial)

7.10 Seq#060 (DEU-P10-015)

7.11 Seq#084 (GBR-P10-019)

7.12 Seq#091 (CAN-P10-029) (SAF-052R1) (partial)

7.13 Seq#101 (GBR-P10-020)

7.14 Seq#113 (USA-P10-025)

7.15 Seq#114 (DEU-P10-020)

8 Resolution of Ballot Comments

8.1 Seq#014 (USA-P10-002) (SAF-055)

8.2 Seq#026 (JPN-P10-001) (SAF-055)

8.3 Seq#013 (GBR-P10-012)

Seq#028 (USA-P10-004)

Seq#041 (DEU-P10-009)

Seq#042 (USA-P10-006)

Seq#082 (USA-P10-018)

Seq#049 (DEU-P10-011) (SAF-051R1)

8.4 Seq#032 (DEU-P10-004) (SAF-039)

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- 8.5 Seq#048 (USA-P10-008) (SAF-050)
- 8.6 Seq#062 (JPN-P10-005) (Editorially resolved)
- 8.7 Seq#066 (CAN-P10-022)
- Seq#069 (USA-P10-013) (SAF-040)
- 8.8 Seq#081 (USA-P10-017) (SAF-041)  
(SAF-054R1)
- 8.9 Seq#102 (JPN-P10-008) (SAF-054R1) (partial)
- Seq#103 (JPN-P10-009)  
(SAF-053)
- 8.10 Seq#070 (USA-P10-014)
- Seq#083 (DEU-P10-017) (SAF-054R1)
- 8.11 Seq#071 (USA-P10-015) (SAF-056)
- 8.12 Seq#072 (USA-P10-016) (SAF-055)
- 8.13 Seq#073 (GBR-P10-017) (SAF-055)
- 8.14 Seq#074 (GBR-P10-018) (SAF-055)
- 8.15 Seq#093 (CAN-P10-031) (SAF-055)
- 8.16 Seq#106 (USA-P10-021) (SAF-052R1) (partial)
- 8.17 Response to Loenen OLB Action Items 3 & 4 Related to Scrolling Cursors (SAF-042R1)
- 8.18 CLI determination of UDT type (SAF-064R1)
- 8.19 Fixing problems with SQL path and transform groups (SAF-057)
- 8.20 Cleanup Uses of the Phrase "Result Set" (SAF-066)

#### 9 Resolution of Catch-All Ballot Comments

- 9.1 Seq#094 (CAN-P10-032)
- 9.2 Seq#095 (CAN-P10-033)
- 9.3 Seq#096 (CAN-P10-034)
- 9.4 Seq#097 (CAN-P10-035)
- 9.5 Seq#098 (CAN-P10-036)
- 9.6 Seq#111 (USA-P10-028)
- 9.7 Seq#112 (USA-P10-029)

#### 10 National Body Closing Comments

#### 11 Recommendations

- 11.1 Preparation of Revised Texts (SD-005)
- 11.2 Disposition of Comments Report
- 11.3 Recommendation Regarding Progression (SC32 N00430)

#### 12 Action Items

#### 13 Adjourn

## Appendix B Document Register

### SQL/OLB FCD Final Continuation Editing Meeting 17th – 27th January, 2000 Santa Fe, New Mexico, USA

#### Document Prefix: WG3 SAF-

No.	Source	Title	Agenda	Avail.
001	Cotton	Minutes from Loenen a/d Vecht WG Meeting	WG5.1	Y
002	Cannan	Technical Corrigendum #4 WD	WG9.1	Y
003	Melton	ISO 9075-1 SQL/Framework WD	WG6.9	Y
004	Melton	ISO 9075-2 SQL/Foundation WD	WG6.10	Y
005	Melton	ISO 9075-3 SQL/CLI WD	WG6.11	Y
006	Melton	ISO 9075-4 SQL/PSM WD	WG6.12	Y
007	Melton	ISO 9075-7 SQL/Temporal WD	WG6.13	Y
008	Melton	ISO 9075-9 SQL/MED WD	WG6.14	Y
009	Melton	ISO 9075-10 SQL/OLB WD	WG6.15	Y
010	Melton	ISO 9075-11 SQL/Schemata WD	WG6.16	Y
011	Melton	Master Index of ISO 9075 WDs	WG6.17	Y
012	Melton	ISO 9075 SQL/OLAP WD (not issued)	WG6.17	Y
013	Cotton	Minutes of ISO 9075-9 SQL/MED CD Continuation Editing Meeting, Loenen a/d Vecht (SC32 N00366)	WG6.19	Y
014	Cotton	Minutes of ISO 9075-10 SQL/OLB FCD Continuation Editing Meeting, Loenen a/d Vecht (SC32 N00367)	WG6.20	Y
015	Melton	ISO 9075-9 SQL/MED CD Final Disposition of Comments (SC32 N00364)	WG6.21	Y
016	Melton	ISO 9075-10 SQL/OLB FCD Interim Disposition of Comments (SC32 N00365)	WG6.22, EO5.4	Y
017	Melton	ISO 9075-9 SQL/MED FCD text (SC32 N00368)	WG6.23	Y
018	Melton	ISO 9075-10 SQL/OLB Interim FCD text	WG6.24, EO5.3	Y
019	Melton	ISO 9075 SQL/OLAP FPDAM Text (SC32 N00379)	WG6.25	Y
020	Cannan	Calling Notice for SQL/OLB Final Continuation Editing Meeting (SC32 N00371)	EO5.1	Y
021	Cannan	Convenor's recommendation on SQL/MED progression to the SC32 secretariat	WG6.26	Y
022	Cannan	Convenor's recommendation on SQL/OLB progression to the SC32 secretariat	WG6.27	Y
023	Cannan	Convenor's recommendation on SQL/OLAP progression to the SC32 secretariat	WG6.28	Y
024R1	W3C	W3C XML Schema Part 1 - Structures	WG8.1	Y
025R1	W3C	W3C XML Schema Part 2 - Datatypes	WG8.2	Y
026	DEU	German national Position about the Quality of the SQL/Foundation	WG11.2	Y
027	Sykes	Response to RTM-086 re SQL/Temporal	WG14.1	Y
028R1	Sykes	Changes to Schemata for period types	WG14.2	Y
029R1	Sykes	Bindings for period types	WG14.3	Y
030R1	Sykes	Changes to CLI for period types	WG14.4	Y
031R1	Sykes	Correcting NORMALIZE and EXPANDING	WG14.5	Y
032	Darwen	Questioning Temporal Upward Compatibility and Statement Modifiers (SQL/Temporal, info paper)	WG14.6	Y
033R1	Darwen	Equality of UDT Values (SQL/Foundation and TC)	WG9.2	Y
034R2	Darwen	Updating Identity Columns (SQL/Foundation)	WG11.1	Y
035R1	Darwen	Too many <having clause>s are nondeterministic (SQL/Foundation and TC)	WG9.3	Y
036R1	Darwen	Corrections to <table definition> (SQL/Foundation and TC)	WG9.4	Y
037R1	Darwen	Corrections to Type Identifier References in the Info Schema (SQL/Foundation and TC)	WG9.5	Y
038R1	Darwen	Corrections to <cast specification> (SQL/Foundation and TC)	WG9.6	Y
039	USA	Response to DEU-P10-004 Seq#032	EO8.4	Y
040	USA	Response to Ballot Comments CAN-P10-022 Seq#066 and USA-P10-013 Seq#069	EO8.7	Y
041	USA	USA Response to Ballot Comment USA-P10-017 Seq#081	EO8.8	Y

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No.	Source	Title	Agenda	Avail.
042R1	USA	Response to Loenen OLB Action Items 3 & 4 Related to Scrolling Cursors	EO8.17	Y
043	USA	Locators and user-named cast routines should not be required in Core (H2-99-347)	WG9.7	Y
044	WG5	Security for Multi-site Database – Outline of Approach	WG8.3	Y
045	USA	ISO project proposal for replication	WG18.1	Y
046	USA	TC for <in predicate>	WG9.8	Y
047	USA	Followup to RTM-031r1	WG11.4	Y
048R2	USA	Fixing bugs connected with the construction of values of user-defined type (H2-99-488)	WG9.9	Y
049	USA	USA response to WG3:SAF-033 (H2-99-540)	WG9.2	Y
050	USA	Minor reformatting of SQL/OLB document to clear comments (H2-99-477)	EO8.5	Y
051R1	USA	Addressing various remaining open SQL/OLB comments (H2-99-489r1)	EO8.3	Y
052R1	USA	Adding support for reference types (H2-99-490r1)	EO7.5, EO7.8, EO7.9, EO7.12, EO8.16	Y
053	USA	Clarification of authorization identifier (H2-99-491r1)	EO8.9	Y
054R1	USA	Integrating OLB's <host expression> in SQL-99 BNF	EO8.8, EO8.9, EO8.10	Y
055	USA	Recommendation for Ballot Comment Disposition	EO8.2, EO8.12, EO8.13, EO8.14, EO8.15	Y
056	USA	Response to USA-P10-015 (SEQ# 071) — “Clarification of bind parameters in <executable clause>”	EO8.8	Y
057	USA	Fixing problems with SQL path and transform groups	EO7.5, EO7.8	Y
058	CAN	Correction to effective SQL parameter list (TC paper)	WG9.10	Y
059	CAN	Correcting CLI-99 Table 20 "Codes used for descriptor fields (TC paper)	WG9.11	Y
060	CAN	Revised classification of SQL-statements in ISO/IEC 9075 (TC discussion paper)	WG9.13	Y
061R1	CAN	Prohibiting types based on LOBs where LOBs are prohibited (TC paper)	WG9.12	R
062	Cannan	Notice of Working Group Meeting ISO/IEC JTC1/SC32/WG3 Database Languages	WG6.1	Y
063	Cotton	SQL-2000n progression	WG11.3	Y
064R1	Cotton	CLI determination of UDT type	OE8.18	Y
065	Panny	Removing <method specification list>	WG9.14	Y
066	USA	Cleanup Uses of the Phrase “Result Set”	EO8.20	Y
067	Cannan	Correctings a bug in FRA-045R4	WG9.15	Y
068	Canada	Discussion Paper on WG3/WG5 Liaison Regarding Distributed Database and Security Issues	WG8.4	Y
069	WG5	Distributed Database Access and SQL-MED. (WG5:N0047)	WG8.5	Y
070	SC32	Summary of Voting on Distribution Schema (SC32 N00409)	WG8.6	Y
071	WG5	RDA with Security (WG5 N0040)	WG8.7	Y
072	Rosenthal	Security Admin for Federation	WG8.8	Y
073	Catley	Need for a Distributed Data Management and Interchange Model	WG8.9	Y
074	Sutter	DB Replication:Technical Overview	WG18.1	Y
075	Pope	Security for Multi-site databases (presentation)	WG8.3	Y
076R1	Cannan	SC 32/WG 03 Project Corrections	WG20.1	Y
077	Cannan	SC 32/WG 03 Internal Liaisons Updates	WG20.2	Y
078R1	Cannan	SC 32/WG 03 External Liaisons Update	WG20.3	Y
079R1	Cannan	SC 32/WG 03Meeting Resolutions (SC32 N00420)	WG20.4	Y
080	WG3/WG5	Notes of the WG3/WG5 joint meeting on Distributed Database	WG8.10	Y
081	WG3/WG5	Actions arising from WG5/WG3 joint meeting on Security	WG8.11	Y
082	Darwen	PP's arising from SAF-033R1	WG11.5	Y
083	Cannan	Defect Report (SC32 N00437)	WG9.16	Y
084	Cannan	Rationale for the withdrawal of projects	WG20.4	Y



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No.	Source	Title	Agenda	Avail.
085	USA	TC fix 9.1 Retrieval Assignment	WG9.17	Y
086	USA	Correcting the placement of <transform group specification>	WG9.18	Y
087	Piprani	Fixing an error in DIRECT_SUPERTABLES (SAF-087)	WG9.19	Y
088	Piprani	Fixing errors in METHOD_SPECIFICATION_PARAMETERS (SAF-088)	WG9.20	Y
089	Schwenkreis	Pictorial Project Plan	WG20.1	Y