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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

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

ISO

International Organization for Standardization

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

Secretariat: USA (ANSI)

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Matsue, Japan, May 17 - 27, 1999
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The meeting started at 9:00 AM on Monday May 17, 1999 at Kunibiki Messe in Matsue, Japan. . Stephen Cannan was in the chair.

1 Introduction Of Participants

Don Bartley	(Australia)
Phil Brown	(UK)
Charles Campbell	(USA)
Stephen Cannan	(Netherlands) WG3 Convenor
Dan Coyle	(USA)
Young-Jim Choi	(Korea) (attended from May 24)
Paul Cotton	(Canada)
Hugh Darwen	(UK)
Takashi Kotera	(Japan)
Krishna Kulkarni	(USA)
Jim Melton	(USA) Project Editor
Dae-Ha Park	(Korea) (attended from May 24)
Baba Piprani	(Canada) (attended from May 18)
Peter Pistor	(Germany)
Takaaki Shiratori	(Japan)
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. YGJ-028R2 was tabled by Jim Melton as a draft disposition of the SQL/OLB ballot comments.

It was agreed that these minutes (WG3 RTM-016), a revised version of disposition of SQL/OLB comments document (WG3 RTM-018), and a revised text for SQL/OLB would document the results of this FCD editing meeting.

4 Approval Of Agenda

The original agenda for this meeting was published as SC32 N0216. 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 Editing Meeting (SC32 N0216) (YGJ-040)

Noted.

5.2 FDIS 9075-1 SQL Part 1: Framework (YGJ-006)

Noted.

5.3 FDIS 9075-2 SQL Part 2: Foundation (YGJ-007)

Noted.

5.4 FDIS 9075-3 SQL Part 3: Call Level Interface (YGJ-031)

Noted.

5.5 FDIS 9075-4 SQL Part 4: Persistent Stored Modules (YGJ-008)

Noted.

5.6 FDIS 9075-5 SQL Part 5: Bindings (YGJ-009)

Noted.

5.7 Ballot Text FCD 9075-10 SQL/OLB (YGJ-024)

Noted.

5.8 Results of SC32 Ballot on FCD 9075-10 (SC32 N0260)

Noted. The ballot failed: For: 4, Against: 5, Abstain: 4, No Vote: 3.

5.9 Consolidated Ballot Comments – 9075-10 SQL/OLB (YGJ-028R2)

Noted.

5.10 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

6.1 USA Ballot Comments on FCD 9075-10 SQL/OLB (YGJ-033)

USA is pleased with the thorough reviews by the national bodies on the SQL/MED CD ballot and SQL/OLB FCD ballot. USA believes that quick standardization of both these parts would benefit the market place tremendously. In particular, USA regards alignment of SQL/OLB document with JDBC 2.0 specification as the top priority. USA has submitted a number of papers to resolve comments on both these parts, but much work still needs to be done. USA is keen to work with other national bodies to resolve as many comments as possible at the respective editing meetings.

USA understands the UK concerns about the quality of the current document but believes that these problems can be resolved with only editorial changes to the document. If this is not done at this meeting then the USA would suggest that we consider suspending the SQL/OLB FCD editing meeting.

6.2 CAN Canada Ballot comments on SQL: Part 10 - Object Language Bindings (SQL/OLB) (YGJ-043)

Canada is interested in seeing the SQL/OLB standard be progressed as quickly as possible as a part of SQL-99 but is somewhat concerned about the number of ballot comments for which no solutions have yet been forthcoming. Canada hopes that the editing meeting delegates will demonstrate their usual willingness to work on resolving as many ballot comments as possible during the SQL/OLB FCD editing meeting.

6.3 GER Ballot comments on SQL: Part 10 - Object Language Bindings (SQL/OLB) (YGJ-046)

Regarding SQL/MED and SQL/OLB, Germany has made contributions to the ballots, and is willing to contribute in resolving the comments from that ballot process. From past experience, we are not confident, however, that this work can be accomplished at the current editing meetings.

6.4 JPN Japan Ballot comments on SQL: Part 10 - Object Language Bindings (SQL/OLB) (YGJ-048)

No additional opening comments.

6.5 GBR SQL/OLB FCD Ballot: UK Comments (YGJ-050)

The UK is very concerned about the quality of the document. Although the document may be improved by the current meeting, the UK will object to progression to DIS without a further opportunity to review the whole document. Although most of the UK comments are editorial in nature, we are concerned about the quantity of editorial change required and that resolution of the editorial problems may expose technical problems.

7 Resolution of Ballot Comments

7.1 Seq#027 (USA-P10-003) (see comment)

Open.

7.2 Seq#028 (USA-P10-004) (see comment)

Open.

7.3 Seq#031 (DEU-P10-003) (see comment)

Open.

7.4 Seq#042 (USA-P10-006) (see comment)

Open.

7.5 Seq#051 (USA-P10-009) (YGJ-052)

Adopted unanimously.

7.6 Seq#055 (CAN-P10-018) (see comment)

Open.

7.7 Seq#058 (USA-P10-010) (see comment)

Open.

7.8 Seq#066 (CAN-P10-022) (see comment)

Open.

7.9 Seq#070 (USA-P10-014) (see comment)

Open.

7.10 Seq#074 (GBR-P10-018) (see comment) (YGJ-110)

YGJ-110 was provided to the Editor with some editorial material to help him revised the SQL/OLB document to meet the kinds of concerns contained in this ballot comment.

Action item: Jim Melton will respond to the recommendations in WG3 YGJ-110 by email.

DBL XXX-xxx

Action item: Hugh Darwen will post any necessary revisions or additions to WG3 YGJ-110 as WG3 RTM-020.

This comment is yet to be resolved.

7.11 Seq#078 (CAN-P10-026) (see comment)

Open.

7.12 Seq#079 (CAN-P10-027) (see comment)

Open.

7.13 Seq#082 (USA-P10-018) (see comment)

Open.

7.14 Seq#083 (DEU-P10-017) (see comment)

Open.

7.15 Seq#084 (GBR-P10-019) (see comment)

Open.

7.16 Seq#086 (USA-P10-019) (YGJ-054)

Adopted unanimously.

7.17 Seq#098 (CAN-P10-036) (see comment)

Open.

7.18 Seq#105 (USA-P10-020) (YGJ-053)

Adopted unanimously.

7.19 Seq#108 (USA-P10-023) (YGJ-055)

Adopted unanimously.

7.20 Seq#001 (CAN-P10-001)

DBL YGJ-044 eliminated the SQL/XA part. The comment was resolved editorially by eliminating the reference to SQL/XA.

7.21 Seq#002 (GBR-P10-007)

Adopted unanimously and resolves Seq#002 and Seq#003.

7.22 Seq#003 (GBR-P10-006)

See agenda item 7.22.

7.23 Seq#004 (GBR-P10-008)

Resolved with no action.

7.24 Seq#005 (CAN-P10-002)

Resolved editorially.

7.25 Seq#006 (CAN-P10-003)

Open.

7.26 Seq#007 (CAN-P10-004) (YGJ-081)

A revision of this paper was provided in DBL YGJ-081R1.

6 SQL FCD Editing Meeting

DBL YGJ-081R1 was amended as follows:

a) new subclause 10.1.5.1.x SetBlob, delete the sentence "The implementation passes the underlying SQL BLOB locator value to the database."

a) new subclause 10.1.5.1.x SetClob, delete the sentence "The implementation passes the underlying SQL CLOB locator value to the database."

Adopted unanimously as amended. Adoption of this paper resolves Seq#007 CAN-P10-004.

7.27 Seq#008 (GBR-P10-009)

Open.

7.28 Seq#009 (USA-P10-001) (partial YGJ-081)

Support for BLOB and CLOB's was added by DBL YGJ-081R1. Support for data source name was added by DBL YGJ-080.

Open.

7.29 Seq#010 (DEU-P10-001)

The Editor will determine editorially if the PAS's need to be in a separate subclause.

Open.

7.30 Seq#011 (GBR-P10-010)

The solution proposed was rejected unanimously (since other SQL-99 parts such as CLI contain similar references) and this ballot comment was deemed resolved with no further action.

7.31 Seq#012 (GBR-P10-011)

Resolved editorially.

7.32 Seq#013 (GBR-P10-012)

See agenda item 7.28.

7.33 Seq#014 (USA-P10-002)

Open

7.34 Seq#015 (CAN-P10-005) (YGJ-093)

YGJ-093 provides a rewrite of the material in Clause 3 of SQL/OLB.

Adopted unanimously.

Action item: Jim Melton will draft a paper for the SQL/OLB continuation editing meeting to split the material in SQL/OLB Clause 4, "Overview" into the Clause 4, "Concepts" and into the informative Annex F proposed by YGJ-093.

7.35 Seq#016 (GBR-P10-013)

Open.

7.36 Seq#017 (CAN-P10-006)

Open.

7.37 Seq#018 (CAN-P10-009) (YGJ-091)

Adopted unanimously.

7.38 Seq#019 (CAN-P10-008) (YGJ-091)

See agenda item 7.37.

7.39 Seq#020 (CAN-P10-007)

Adopted unanimously.

7.40 Seq#021 (CAN-P10-010)

See agenda item 7.34.

7.41 Seq#022 (DEU-P10-002)

Resolved by YGJ-093.

7.42 Seq#023 (CAN-P10-013)

Resolved editorially by deleting the offending paragraph of duplicated references.

7.43 Seq#024 (CAN-P10-011)

Partially resolved by DBL YGJ-080 and YGJ-081R1.

Open.

7.44 Seq#025 (CAN-P10-012)

Open.

7.45 Seq#026 (JPN-P10-001)

Open.

7.46 Seq#029 (CAN-P10-014)

Open.

7.47 Seq#030 (GBR-P10-014)

Open.

7.48 Seq#032 (DEU-P10-004)

Open.

7.49 Seq#033 (DEU-P10-005)

Resolved with no action.

7.50 Seq#034 (JPN-P10-002)

Resolved by editorial changes to "Schema checking using exemplar schemas".

a) in SQL/OLB Subclause 4.1.6.1, second paragraph, replace "The invoker..." with "If an exemplar schema is being used, then the invoker..."

This action resolves Seq#034 JPN-P10-002 and Seq#035 DEU-P10-006.

7.51 Seq#035 (DEU-P10-006)

See agenda item 7.50.

7.52 Seq#036 (USA-P10-005)

Open.

7.53 Seq#037 (CAN-P10-015)

Open.

8 SQL FCD Editing Meeting

7.54 Seq#038 (GBR-P10-015)

Resolved editorially by removing the text "recently approved" and by changing the references from PSM-96 to the current PSM standard..

7.55 Seq#039 (DEU-P10-007) (YGJ-092)

Adopted unanimously.

7.56 Seq#040 (DEU-P10-008)

Open.

7.57 Seq#041 (DEU-P10-009)

Open.

7.58 Seq#043 (GBR-P10-016)

Open.

7.59 Seq#044 (CAN-P10-016)

Open.

7.60 Seq#045 (USA-P10-007)

Open.

7.61 Seq#046 (JPN-P10-003)

Resolved editorially.

7.62 Seq#047 (DEU-P10-010)

Open.

7.63 Seq#048 (USA-P10-008)

Open.

7.64 Seq#049 (DEU-P10-011)

Open.

7.65 Seq#050 (DEU-P10-012)

Resolved editorially by adding the word "JAR" in front of "manifest file".

7.66 Seq#052 (DEU-P10-013)

Adopted unanimously.

7.67 Seq#053 (DEU-P10-014)

Open.

7.68 Seq#054 (CAN-P10-017)

Open.

7.69 Seq#056 (CAN-P10-019)

Open.

7.70 Seq#057 (CAN-P10-020)

Open.

7.71 Seq#059 (USA-P10-011) (Partial - YGJ-081)

Open.

7.72 Seq#060 (DEU-P10-015)

Open.

7.73 Seq#061 (JPN-P10-004)

Open.

7.74 Seq#062 (JPN-P10-005)

Open.

7.75 Seq#063 (JPN-P10-006) (YGJ-096R1)

Adopted unanimously with editorial amendments.

7.76 Seq#064 (JPN-P10-007) (YGJ-097R1)

Adopted unanimously with editorial amendments.

7.77 Seq#065 (CAN-P10-021)

Open.

7.78 Seq#067 (DEU-P10-016)

Open.

7.79 Seq#068 (USA-P10-012)

Adopted unanimously.

7.80 Seq#069 (USA-P10-013)

Open.

7.81 Seq#071 (USA-P10-015)

Open.

7.82 Seq#072 (USA-P10-016)

Open.

7.83 Seq#073 (GBR-P10-017)

Open.

7.84 Seq#075 (CAN-P10-023)

Open.

7.85 Seq#076 (CAN-P10-024)

Open.

7.86 Seq#077 (CAN-P10-025)

Open.

7.87 Seq#080 (USA-P10-031)

Open.

7.88 Seq#081 (USA-P10-017)

Open.

7.89 Seq#085 (DEU-P10-018)

Open.

7.90 Seq#087 (DEU-P10-019)

Open.

7.91 Seq#088 (GBR-P10-004)

Open.

7.92 Seq#089 (GBR-P10-005)

Resolved editorially by changing the subclause title to "Additional features".

7.93 Seq#090 (CAN-P10-028)

Adoption of DBL YGJ-052, YGJ-053, YGJ-054 resolves this ballot comment.

7.94 Seq#091 (CAN-P10-029)

Open.

7.95 Seq#092 (CAN-P10-030)

DBL YGJ-080 was adopted unanimously. Adoption of DBL YGJ-080 resolves:

a) Seq#092 CAN-P10-030

b) Seq#107 USA-P10-022

7.96 Seq#093 (CAN-P10-031)

Open.

7.97 Seq#094 (CAN-P10-032)

Open.

7.98 Seq#095 (CAN-P10-033)

Open.

7.99 Seq#096 (CAN-P10-034)

Open.

7.100 Seq#097 (CAN-P10-035)

Open.

7.101 Seq#099 (DEU-P10-021)

Open.

7.102 Seq#100 (GBR-P10-001)

Open.

7.103 Seq#101 (GBR-P10-020)

Open.

7.104 Seq#102 (JPN-P10-008)

Open.

7.105 Seq#103 (JPN-P10-009)

Open.

DBL XXX-xxx

7.106 Seq#104 (KOR-P10-002)

Open.

7.107 Seq#106 (USA-P10-021) (partial - YGJ-081)

Open.

7.108 Seq#107 (USA-P10-022)

See agenda item 7.95.

7.109 Seq#109 (USA-P10-024)

Open.

7.110 Seq#110 (USA-P10-027)

Open.

7.111 Seq#111 (USA-P10-028)

Open.

7.112 Seq#112 (USA-P10-029) (partial - YGJ-081)

Open.

7.113 Seq#113 (USA-P10-025)

Open.

7.114 Seq#114 (DEU-P10-020)

Open.

7.115 Seq#115 (GBR-P10-002)

See agenda item 7.34.

7.116 Seq#116 (GBR-P10-003)

Open.

7.117 Seq#117 (KOR-P10-001)

Open.

7.118 Seq#118 (USA-P10-026)

Open.

7.119 Seq#119 (USA-P10-030)

The editing meeting had a general discussion of how to meet the tactical needs of an SQL/OLB specification aligned with JDBC 2.0.

It was suggested that an OLB conformance could be specified as follows:

- a) like other language bindings one option will be SQL/OLB and Core SQL
- b) an annex describing a JDBC 2.0 profile which will permit conformance to SQL/OLB and that profile.

Open.

Action item: USA to draft a paper on SQL/OLB conformance for the continuation editing meeting that will include an annex describing a JDBC 2.0 profile which will permit conformance to SQL/OLB and that profile.

8 National Body Closing Comments

8.1 Australia

Australia would like to thank our Japanese hosts for the excellent facilities and social functions. Australia would also like to thank the delegates to the editing meeting, the Convenor: Stephen Cannan, the ongoing secretary: Paul Cotton, the Editor: Jim Melton and the WG3 network supplier: Chuck Campbell.

8.2 Canada

Canada is somewhat concerned by the low percentage of SQL/OLB ballot comments resolved by this editing meeting. Canada hopes that the remaining ballot comments can be resolved at the continuation editing meeting so that another continuation editing meeting will NOT be required.

8.3 Germany

No comments supplied.

8.4 Japan

I would like to thank all delegates for their interest and efforts in helping us make this meeting possible, especially those who have traveled great distances and taken valuable time from their very busy schedules to attend the MATSUE meeting.

8.5 Netherlands

The Netherlands is also fairly pleased with the progress on SQL/OLB.

The Netherlands was dismayed when it finally discovered the initial poor quality of the balloted text. However, the Netherlands is extremely pleased with the progress made on the text by the delegates at this meeting and looks forward to more progress at the continuation editing meeting.

The Netherlands would like to thank the Editor and Secretary for continuing their normally excellent work, the Technical Services Manager for provision of the local area network and finally our hosts at this meeting for excellent facilities and outstanding hospitality.

8.6 United Kingdom

The UK expresses its appreciation to all the National Body representatives for their contributions to the success of the meeting. We wish particularly to thank Stephen Cannan, Jim Melton and Paul Cotton for their sterling work in leading the discussions and recording their results and our Japanese hosts for the excellent meeting facilities and social events.

The UK is pleased with the technical progress that has been made towards the resolution of the comments raised during the SQL/OLB FCD ballot, and hopes that many more will be addressed by papers submitted to the continuation comment resolution meeting in the Netherlands. The UK appreciates the Canadian contribution to the restructuring of the SQL/OLB document to bring it into closer alignment with ISO/IEC drafting rules. The UK also appreciates the efforts of individuals from several national bodies to identify and correct divergences in style and usage from those that are the norm in ISO/IEC 9075.

When it sees the effect of applying the accepted proposals to the FCD ballot document, the UK will review, and may withdraw, its objection to progression of SQL/OLB to DIS without a further ballot.

8.7 USA

Though the SQL/OLB FCD Editing meeting did not succeed in resolving all the ballot comments, USA is pleased with the progress achieved. USA looks forward to completing the work at the continuation editing meeting. USA is pleased that the editing meeting delegates succeeded in forging a consensus with WG5 on the scope of the respective projects.

USA thanks Steve Cannan for chairing the editing meetings and making sure that the meetings were run smoothly and productively. USA also thanks Japanese national body for hosting the meetings and for the excellent meeting arrangements.

9 Recommendations

9.1 Preparation of Revised Texts Milestones for publication of SQL/OLB (YGJ-059)

The following documents will be input to the WG3 and continuation editing meeting to be held in Netherlands on Oct 4-15, 1999:

Document Prefix: DBL RTM-

No.	Source	Title
001	Cotton	Minutes from Matsue WG Meeting
002	Cannan	Technical Corrigendum #4 WD
003	Melton	ISO 9075-1 SQL/Framework WD
004	Melton	ISO 9075-2 SQL/Foundation WD
005	Melton	ISO 9075-3 SQL/CLI WD
006	Melton	ISO 9075-4 SQL/PSM WD
007	Melton	ISO 9075-7 SQL/Temporal WD
008	Melton	ISO 9075-9 SQL/MED WD
009	Melton	ISO 9075-10 SQL/OLB WD
010	Melton	ISO 9075-11 SQL/Schemata WD
011	Melton	ISO 9075 SQL/OLAP WD (SC32 N00292)
012	Melton	Master Index of ISO 9075 WDs
013	Melton	ISO 9075-9 SQL/MED Interim CD text
014	Melton	ISO 9075-10 SQL/OLB Interim FCD text
015	Cotton	Minutes of ISO 9075-9 SQL/MED CD Editing Meeting, Matsue (SC32 N00288)
016	Cotton	Minutes of ISO 9075-10 SQL/OLB FCD Editing Meeting, Matsue (SC32 N00289)
017	Melton	ISO 9075-9 SQL/MED CD Interim Disposition of Comments (SC32 N00290)
018	Melton	ISO 9075-10 SQL/OLB FCD Interim Disposition of Comments (SC32 N00291)
019	Darwen	Problems with STATIC DISPATCH
020	Darwen	Groundrules for the editorial revision of OLB

9.2 Disposition of Comments Report

DBL RTM-016 (these minutes) and DBL RTM-018 (Interim disposition of comments) will be input to the continuation editing meeting.

9.3 Recommendation Regarding Progression

UK moved to recommend a continuation editing meeting for SQL/MED to be held in Netherlands on Oct 4-15, 1999.

Motion adopted unanimously.

10 Action Items

1. Agenda item 7.10 of RTM-016: Jim Melton will respond to the recommendations in WG3 YGJ-110, "Groundrules for the editorial revision of OLB" by email.
2. Agenda item 7.10 of RTM-016: Hugh Darwen will post any necessary revisions or additions to WG3 YGJ-110 "Groundrules for the editorial revision of OLB" as WG3 RTM-020.

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3. Agenda item 7.34 of RTM-016: Jim Melton will draft a paper for the SQL/OLB continuation editing meeting to split the material in SQL/OLB Clause 4, "Overview" into the Clause 4, "Concepts" and into the informative Annex F proposed by YGJ-093.
4. Agenda item 7.119 of RTM-016: USA to draft a paper on SQL/OLB conformance for the continuation editing meeting that will include an annex describing a JDBC 2.0 profile which will permit conformance to SQL/OLB and that profile.

11 Adjourn

The SQL/OLB FCD editing meeting expresses its thanks to the Japanese delegation and the sponsoring organizations for its wonderful meeting facilities in Matsue. The meeting facilities and the meeting services (e.g. photocopying, PC computer facilities, etc.) were of the very highest standard and permitted the editing meeting to achieve significant results.

The meeting adjourned at 5:00 PM on Thursday May 27.

Appendix A Final Agenda

FCD EDITING MEETINGS
ISO/IEC FCD 9075-10 — SQL/OLB
ISO/IEC JTC1/SC32
17th May – 27th May, 1999
Matsue, Japan

- 1 Introduction Of Participants
- 2 Distribution Of Documents
- 3 Selection Of Secretary And Resolution Recorder
- 4 Approval Of Agenda
- 5 Administrative Matters
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- 6.5 GBR SQL/OLB FCD Ballot: UK Comments (YGJ-050)
- 7 Resolution of Ballot Comments
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- 7.2 Seq#028 (USA-P10-004) (see comment)
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- 7.5 Seq#051 (USA-P10-009) (YGJ-052)
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- 7.7 Seq#058 (USA-P10-010) (see comment)
- 7.8 Seq#066 (CAN-P10-022) (see comment)
- 7.9 Seq#070 (USA-P10-014) (see comment)
- 7.10 Seq#074 (GBR-P10-018) (see comment)
- 7.11 Seq#078 (CAN-P10-026) (see comment)
- 7.12 Seq#079 (CAN-P10-027) (see comment)
- 7.13 Seq#082 (USA-P10-018) (see comment)
- 7.14 Seq#083 (DEU-P10-017) (see comment)
- 7.15 Seq#084 (GBR-P10-019) (see comment)
- 7.16 Seq#086 (USA-P10-019) (YGJ-054)
- 7.17 Seq#098 (CAN-P10-036) (see comment)
- 7.18 Seq#105 (USA-P10-020) (YGJ-053)
- 7.19 Seq#108 (USA-P10-023) (YGJ-055)

7.20 Seq#001 (CAN-P10-001)
7.21 Seq#002 (GBR-P10-007)
7.22 Seq#003 (GBR-P10-006)
7.23 Seq#004 (GBR-P10-008)
7.24 Seq#005 (CAN-P10-002)
7.25 Seq#006 (CAN-P10-003)
7.26 Seq#007 (CAN-P10-004) (YGJ-081)
7.27 Seq#008 (GBR-P10-009)
7.28 Seq#009 (USA-P10-001) (partial YGJ-081)
7.29 Seq#010 (DEU-P10-001)
7.30 Seq#011 (GBR-P10-010)
7.31 Seq#012 (GBR-P10-011)
7.32 Seq#013 (GBR-P10-012)
7.33 Seq#014 (USA-P10-002)
7.34 Seq#015 (CAN-P10-005)
7.35 Seq#016 (GBR-P10-013)
7.36 Seq#017 (CAN-P10-006)
7.37 Seq#018 (CAN-P10-009)
7.38 Seq#019 (CAN-P10-008)
7.39 Seq#020 (CAN-P10-007)
7.40 Seq#021 (CAN-P10-010)
7.41 Seq#022 (DEU-P10-002)
7.42 Seq#023 (CAN-P10-013)
7.43 Seq#024 (CAN-P10-011)
7.44 Seq#025 (CAN-P10-012)
7.45 Seq#026 (JPN-P10-001)
7.46 Seq#029 (CAN-P10-014)
7.47 Seq#030 (GBR-P10-014)
7.48 Seq#032 (DEU-P10-004)
7.49 Seq#033 (DEU-P10-005)
7.50 Seq#034 (JPN-P10-002)
7.51 Seq#035 (DEU-P10-006)
7.52 Seq#036 (USA-P10-005)
7.53 Seq#037 (CAN-P10-015)
7.54 Seq#038 (GBR-P10-015)
7.55 Seq#039 (DEU-P10-007)
7.56 Seq#040 (DEU-P10-008)
7.57 Seq#041 (DEU-P10-009)
7.58 Seq#043 (GBR-P10-016)
7.59 Seq#044 (CAN-P10-016)
7.60 Seq#045 (USA-P10-007)
7.61 Seq#046 (JPN-P10-003)
7.62 Seq#047 (DEU-P10-010)
7.63 Seq#048 (USA-P10-008)
7.64 Seq#049 (DEU-P10-011)
7.65 Seq#050 (DEU-P10-012)
7.66 Seq#052 (DEU-P10-013)
7.67 Seq#053 (DEU-P10-014)
7.68 Seq#054 (CAN-P10-017)
7.69 Seq#056 (CAN-P10-019)
7.70 Seq#057 (CAN-P10-020)
7.71 Seq#059 (USA-P10-011) (partial YGJ-081)
7.72 Seq#060 (DEU-P10-015)
7.73 Seq#061 (JPN-P10-004)

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- 7.74 Seq#062 (JPN-P10-005)
- 7.75 Seq#063 (JPN-P10-006)
- 7.76 Seq#064 (JPN-P10-007)
- 7.77 Seq#065 (CAN-P10-021)
- 7.78 Seq#067 (DEU-P10-016)
- 7.79 Seq#068 (USA-P10-012)
- 7.80 Seq#069 (USA-P10-013)
- 7.81 Seq#071 (USA-P10-015)
- 7.82 Seq#072 (USA-P10-016)
- 7.83 Seq#073 (GBR-P10-017)
- 7.84 Seq#075 (CAN-P10-023)
- 7.85 Seq#076 (CAN-P10-024)
- 7.86 Seq#077 (CAN-P10-025)
- 7.87 Seq#080 (USA-P10-031)
- 7.88 Seq#081 (USA-P10-017)
- 7.89 Seq#085 (DEU-P10-018)
- 7.90 Seq#087 (DEU-P10-019)
- 7.91 Seq#088 (GBR-P10-004)
- 7.92 Seq#089 (GBR-P10-005)
- 7.93 Seq#090 (CAN-P10-028)
- 7.94 Seq#091 (CAN-P10-029)
- 7.95 Seq#092 (CAN-P10-030)
- 7.96 Seq#093 (CAN-P10-031)
- 7.97 Seq#094 (CAN-P10-032)
- 7.98 Seq#095 (CAN-P10-033)
- 7.99 Seq#096 (CAN-P10-034)
- 7.100 Seq#097 (CAN-P10-035)
- 7.101 Seq#099 (DEU-P10-021)
- 7.102 Seq#100 (GBR-P10-001)
- 7.103 Seq#101 (GBR-P10-020)
- 7.104 Seq#102 (JPN-P10-008)
- 7.105 Seq#103 (JPN-P10-009)
- 7.106 Seq#104 (KOR-P10-002)
- 7.107 Seq#106 (USA-P10-021) (partial YGJ-081)
- 7.108 Seq#107 (USA-P10-022)
- 7.109 Seq#109 (USA-P10-024)
- 7.110 Seq#110 (USA-P10-027)
- 7.111 Seq#111 (USA-P10-028) (partial YGJ-081)
- 7.112 Seq#112 (USA-P10-029)
- 7.113 Seq#113 (USA-P10-025)
- 7.114 Seq#114 (DEU-P10-020)
- 7.115 Seq#115 (GBR-P10-002)
- 7.116 Seq#116 (GBR-P10-003)
- 7.117 Seq#117 (KOR-P10-001)
- 7.118 Seq#118 (USA-P10-026)
- 7.119 Seq#119 (USA-P10-030)
- 8 National Body Closing Comments
- 9 Recommendations
- 9.1 Preparation of Revised Texts
- Milestones for publication of SQL/OLB (YGJ-059)
- 9.2 Disposition of Comments Report
- 9.3 Recommendation Regarding Progression
- 10 Action Items
- 11 Adjourn

18 SQL FCD Editing Meeting

Appendix B Document Register

**FCD EDITING MEETINGS
ISO/IEC FCD 9075-10 — SQL/OLB
ISO/IEC JTC1/SC32
17th May – 27th May, 1999
Matsue, Japan**

Document Prefix: DBL YGJ-

No.	Source	Title	Agenda	Avail.?
001	Cotton	Minutes from Heidelberg WG Meeting	WG5.1	Y
002	ISO/IEC	Database Language SQL (IS 9075:1992)	WG10.1	Y*
003	ISO/IEC	SQL Part 3: Call Level Interface (IS 9075-3:1995)	WG10.2	Y*
004	ISO/IEC	SQL Part 4: Persistent Stored Modules (IS 9075-4:1996)	WG10.3	Y*
005	ISO/IEC	SQL Technical Corrigendum #3	WG10.4	Y*
006	Melton	SQL/Framework anticipated IS text	WG10.5, EM5.2	Y
007	Melton	SQL/Foundation anticipated IS text	WG10.6, EM5.3	Y
008	Melton	SQL/PSM anticipated IS text	WG10.8, EM5.5	Y
009	Melton	SQL/Bindings anticipated IS text	WG10.9, EM5.6	Y
010	Melton	SQL/Framework WD	WG11.1	Y
011	Melton	SQL/Foundation WD	WG11.2	Y
012R1	Melton	SQL/CLI WD	WG11.3	Y
013	Melton	SQL/PSM WD	WG11.4	Y
014	Melton	SQL/Bindings WD	WG11.5	Y
015	Melton	SQL/Transaction (XA Interface Specialization) WD	WG11.6	Y
016	Melton	SQL/Temporal WD	WG11.7	Y
017	Melton	SQL/MED WD	WG11.8	Y
018	Melton	SQL/OLB WD	WG11.9	Y
019	Melton	Master Index of WDs	WG11.10	Y
020	Cotton	Minutes of ISO 9075 FCD SQL3 continuation Editing Meeting, Heidelberg	WG6.5	Y
021	Melton	Final Disposition of 9075-1, -2, -4, and -5 FCD Comments	WG6.6	Y
022	Melton	SQL/CLI FCD ballot text	WG6.7	Y
023	Melton	SQL/MED CD ballot text	EM5.7	Y
024	Melton	SQL/OLB FCD ballot text	EO5.7	Y
025	Kulkarni	Minutes of ISO 9075-3 FCD Editing Meeting, Salt Lake City	WG6.7	Y
026	Melton	Final Disposition of 9075-3 FCD Comments	WG6.9	Y
027R2	Melton	Consolidated Ballot Comments – 9075-9 SQL/MED	EM5.9	Y
028R2	Melton	Consolidated Ballot Comments – 9075-10 SQL/OLB	EO5.9	Y
029	Cannan	Convenor recommendation on Parts 1, 2, 4, 5 progression to the SC32 secretariat	WG6.10	Y
030	Darwen	SQL/MM Impacts	WG7.1	Y
031	Melton	SQL/CLI FDIS Text	WG10.7, EM5.4	Y
032	USA	Ballot Comments on CD 9075-9 SQL/MED	EM6.1	Y
033R1	USA	Ballot Comments on FCD 9075-10 SQL/OLB	EO6.1	Y
034	USA	Post SQL-99 directions	WG9.1	Y
035	USA	What new CR's for SQL4	WG12.1	Y
036R1	USA	Merging Foundation and Bindings	WG12.2	Y
037	Cannan	Convenor recommendation on progression on CLI to the SC32 secretariat (SC32 N0218)	WG6.11	Y
038	Cannan	SQL Technical Corrigendum #4	WG10.10	Y
039	SC32	Calling notice for MED Editing Meeting (SC32 N0217)	EM5.1	Y

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No.	Source	Title	Agenda	Avail.?
040	SC32	Calling notice for OLB Editing Meeting (SC32 N0216)	EO5.1	Y
041R2	GBR	Ballot Comments on CD 9075-9 SQL/MED	EM6.2	Y
042	CAN	Canada Ballot comments on SQL: Part 9 - Management of External Data (SQL/MED)	EM6.3	Y
043	CAN	Canada Ballot comments on SQL: Part 10 - Object Language Bindings (SQL/OLB)	EO6.2	Y
044	CAN	Canadian position on SQL Part 6 - XA Specialization	WG18.1	Y
045	DEU	Ballot comments on ISO/IEC CD 9075-9, SQL/MED	EM6.4	Y
046	DEU	Ballot comments on ISO/IEC FCD 9075-10, SQL/OLB	EO6.3	Y
047	JPN	Japan ballot comments on ISO/IEC CD 9075-9(SQL/MED)	EM6.5	Y
048	JPN	Japan ballot comments on ISO/IEC FCD 9075-10(SQL/OLB)	EO6.4	Y
049	Tsuchida	Content type addition to SQL/MED(Resolving JPN-P09-006)	EM7.61	Y
050	GBR	SQL/OLB FCD Ballot: UK Comments	EO6.5	Y
051	ITA	(Italy) SQL/MED CD Ballot Comments	EM6.6	Y
052	USA	Response to SQL/OLB Ballot Comment USA-P10-009 (H2-98-599)	EO7.5	Y
053	USA	Response to SQL/OLB Ballot Comment USA-P10-020 (H2-98-600)	EO7.18	Y
054	USA	Response to SQL/OLB Ballot Comment USA-P10-019(H2-98-601)	EO7.16	Y
055	USA	Response to SQL/OLB Ballot Comment USA-P10-023(H2-99-017)	EO7.19	Y
056	USA	Milestones for publication of SQL:1999 (H2-99-140)	WG6.12	Y
057	USA	Milestones for publication of SQL/CLI (H2-99-141)	WG6.13	Y
058	USA	Milestones for publication of SQL/MED (H2-99-143)	EM9.1	Y
059	USA	Milestones for publication of SQL/OLB (H2-99-144)	EO9.1	Y
060	USA	Subproject proposal for SQL/OLAP Amendment (H2-99-145)	WG22.1	Y
061	USA	Candidate base document for SQL/OLAP Amendment (H2-99-146)	WG22.2	Y
062	USA	Correction to TRIGGERS base table (H2-99-147)	WG10.11	Y
063	USA	Corrections to ROUTINES and METHOD_SPECIFICATIONS base tables(H2-99-148)	WG10.12	Y
064	USA	Clarification of SQL-data access indication (H2-99-149)	WG10.13	Y
065	USA	Resolving USA-P09-012 (H2-99-150)	EM7.27	Y
066	USA	DataLinks Concepts (H2-99-152)	EM7.6, EM7.16	Y
067R1	USA	Addressing Miscellaneous Comments on Abstract Tables (H2-99-153)	EM7.4, EM7.16, EM7.5, EM7.135, EM7.7, EM7.8, EM7.9, EM7.10, EM7.11, EM7.12, EM7.13, EM7.14	Y
068	USA	Introduction to OLAP Functions (H2-99-154)	WG22.2, WG10.21	Y
069R1	USA	Proposal for OLAP Functions (H2-99-155)	WG22.4	Y
070	USA	What is Delta SQL:1999? (H2-99-156)	WG12.3	Y
071	USA	TC for Row Expressions (H2-99-157)	WG10.14	Y
072	USA	TC for UPDATE...SET ROW... (H2-99-158)	WG10.15	Y
073	USA	TC for Typed Table Definition (H2-99-159)	WG10.16	Y
074	USA	Cleaning up the SQL4 PPs (H2-99-164)	WG10.17	Y
075	USA	Addressing Miscellaneous Comments on DataLinks (H2-99-165)	EM7.25, EM7.26	Y
076	USA	TC from Checking CWB-024 (H2-99-184)	WG10.17	Y
077	USA	TC for <target table> (H2-99-185)	WG10.19	Y
078	Sykes	A review of <overlaps predicate>	WG14.1	Y
079	Kulkarni	Supporting Batch Updates in SQL/OLB	Withdrawn	N
080	Kulkarni	DataSource support in SQL/OLB	EO7.28, EO7.43, EO7.95, EO7.108	Y

No.	Source	Title	Agenda	Avail.?
081R1	Kulkarni	Additional data type support in SQL/OLB	EO7.26, EO7.28, EO7.71, EO7.107, EO7.112	Y
082	Darwen	Linking a Linked File and Unlinking an Unlinked One	EM7.50	Y
083	Darwen	Addressing Problems with Link Control Options	EM7.28, EM7.30, EM7.31	Y
084	Darwen	Some Editorial Changes Concerning Datalinks	EM7.28	Y
085R2	Darwen	Identity Columns	WG14.2	Y
086	Pistor	Resolving Seq# 103, 104 (drop table)	EM7.98, EM7.99	Y
087	Melton	Milestones for Publication of SQL/OLAP	WG24.1	Y
088	Cotton	Parameter markers and the <in predicate>	WG10.20	Y
089	Pistor	SQL4 feature list	WG9.3	Y
090	Zemke	Response to YGJ-078 on <overlaps predicate>	WG14.1	Y
091	Coyle	USA Response to Ballot Comment CAN-P10-008	EO7.37, EO7.38	Y
092	Coyle	USA Response to Ballot Comment DEU-P10-007	EO7.55	Y
093	Cotton	Revising the Organization of SQL/OLB – Part 1	EO7.34, EO7.41, EO7.115, EO7.35, EO7.36, EO7.43, EO7.47, EO7.117	Y
094	Cotton	Resolving SQL/MED CLI related ballot comments	EM	Y
095	Pistor	Resolving Seq#265	EM7.153	Y
096	Japan	Restriction of specification of parameter mode (seq#63)	EO7.75	Y
097	Japan	Clarification of default of parameter mode omitted (Seq#64)	EO7.76	Y
098	Darwen	Problems with STATIC DISPATCH	WG10.22	Y
099	Cotton	Eliminating SQL/MM material in ISO/IEC 9075	WG10.23	Y
100	Cotton	Clarifying “user-defined casts” in ISO/IEC 9075	WG10.24	Y
101	Cotton	Removing “user-defined data type” from ISO/IEC 9075	WG10.26	Y
102	W3C	Announcement of XML Schema Working Draft	WG23.3	Y
103	W3C	XML Schema Working Draft – Part 1	WG23.3	Y
104	W3C	XML Schema Working Draft – Part 2	WG23.3	Y
105	Cotton	Correcting the length of <reference type>s in ISO/IEC 9075	WG10.25	Y
106	Bartley	Statistical Open Source Consortium for Output databases (ODB)	WG23.1	Y
107	Darwen / Pistor	Finally resolving Seq#103	EM7.98, EM7.99	Y
108	Melton	Part 11 Subproject Proposal	WG24.1	Y
109	Melton	Milestones for Publication of ISO/IEC 9075:200x	WG24.1	Y
110	Darwen	Ground rules for editorial clean-up of OLB	EO7.10, EO7.83	Y
111	Melton	Draft WG3 response to JTC1 N4046	WG23.4	Y
112	WG4	Topology Requirements	WG7.1	Y
113	Cannan	Refined SQL/MED model	WG9.1	Y