

JTC 1 TAG Doc: **JT/94-0694Rev J, C, S**
X3/94-0969Rev X, O, T

Date: February 8, 1995
Project:
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Reply to: Joanne M. Flanagan
(202)626-5737
email: jflanagan@cbema.org
cc:

Draft Minutes
JTC 1 Technical Advisory Group (JTC 1 TAG)
Meeting Number 22

American Petroleum Institute (API) Headquarters
1220 L Street
9th Floor, Room 907
Washington, DC 20005

October 5 - 7, 1994

A. JTC 1 TAG Business

1. Administrative

1.1 Call to Order

Mr. Gibson called the meeting to order at 10:00 AM.

1.2 Membership and Attendance

Apple Computer, Inc. has changed its Principal Representative to Mr. Dave Michael. Hewlett-Packard Company has changed its representation to Ms. Higginbottom, Principal and Mr. Loughry, Alternate. Northern Telecom has changed its Alternate Representative to Mr. Pugh.

The total voting membership is 37. Quorum is 19. Representatives from 32 voting organizations were in attendance.

The following organizations did not have representatives at this meeting: DISA, Guide, GSA, IEEE, and Xerox

Ms. Flanagan reported that the following organizations were in jeopardy for failure to attend meetings: DISA

REF: JT/94-0497, 0538, 0583

1.3 Approval of Draft Agenda, October 5-7, 1994

The agenda (JT/94-0551R) was unanimously approved (Deese/Neville) as revised and is shown in Attachment II of these minutes.

REF: JT/94-0551

1.4 Approval of Draft Minutes, June 8-10, 1994 Meeting

The Draft Minutes (JT/94-0539) were approved (Deutsch/Zajackowski) with the following changes by unanimous consent:

Section 3.1.4 : Makers of the motion should read: Hovey/Kilpatrick

Section 10.3: First line delete: which ASC

REF: JT/94-0539

1.4.1 Review of Action Items

Ms. Flanagan reported that all action items have been completed except for one, which will be a carryover.

1.4.1.1 The JTC 1 TAG Administrator will work with Mr. Gibson on the clarification of U.S. TAG assignments. (Item 5.4, June 1994 minutes)

1.5 JTC 1 TAG Administrator's Report

Mr. Emard presented the JTC 1 TAG Administrator's report contained in document JT/94-0540. He entertained questions from the committee.

REF: JT/94-0540

2. Chairman's Remarks

Mr. Gibson welcomed the committee. He noted that the main purpose of this meeting is the U.S. preparation for the October 25-28, 1994 JTC 1 Plenary Meeting. The JTC 1 Plenary agenda is posted to section B of this agenda. The committee will review each agenda item and develop a U.S. position.

Mr. Gibson added that the JTC 1 Plenary agenda is very full. Due to time constraints, he suggested that the documents for the DeFacto Standards and the API breakout groups be introduced in full committee and then ad hoc meetings be held in the evenings to develop the U.S. positions for these breakout groups. The ad hoc recommendations will be presented to the full committee for approval. The committee agreed with his suggestion.

3. JTC 1 TAG Subgroup Reports

3.1 JTC 1 TAG Procedures Group (JTPG)

Mr. Jameson, Chairman, JTPG, reviewed the JTPG Report with the JTC 1 TAG (JT/94-0586).

JTPG has met once since the last JTC 1 TAG meeting. The purpose of this meeting was to prepare a recommendation to the JTC 1 TAG on JTC 1 N 3036, Letter Ballot for the Proposed Third Edition to the ISO/IEC JTC 1 Directives and to develop recommended U.S. positions on procedural contributions to the upcoming JTC 1 Plenary.

The JTPG recommended U.S. positions on procedural contributions to the upcoming JTC 1 Plenary were addressed later in this meeting under agenda section B.

JTPG discussed the proposed new edition to the JTC 1 Directives and noted the development of the document had been driven by the U.S. U.S. personnel served as editors for the document, and the U.S. had a significant presence at the international meetings where the document was edited.

JTPG agreed the U.S. positions and issues were addressed during the development of the procedures.

The JTC 1 TAG addressed the following motion:

“JTPG recommends to the JTC 1 TAG that the U.S. position on JTC 1 N 3036, Proposed Third Edition to the ISO/IEC JTC 1 Directives be Approve, without comment.”

Vote on the motion: Unanimous

Motion passes.

REF: JT/94-0586

3.2 JTC 1 TAG Registration Authority Group -- JRAG

Ms. Tom, Chair of JRAG, submitted document JT/94-0552 for review. The document states that there are no JRAG issues. However, in the document, Ms. Tom alerts the JTC 1 TAG to the possibility that the topic of Registration of International and Multinational Organization Names may be brought up for discussion at the JTC 1 Plenary.

REF: JT/94-0552

3.3 JTC 1 TAG Functional Standards Group -- JTFS

Mr. Gibson reviewed the JTFS report contained in document JT/94-0541. In his report, Mr. Robichaux, Chair of JTFS, raised some issues that pertain to the JTC 1 Plenary, specifically, the DeFacto Standards Ad Hoc Group. The JTC 1 TAG will note these issues in their preparation for the JTC 1 Plenary Ad Hoc Group A. The JTC 1 TAG also expressed an interest in hearing an in-depth report on ISPs at a future JTC 1 TAG meeting.

At the request of the JTC 1 TAG, Mr. Robichaux joined the meeting on October 6 to address questions on his report and to assist in the preparation for the plenary ad hoc group on DeFacto Standards. Mr. Robichaux's assistance was very valuable and the JTC 1 TAG expressed its appreciation to Mr. Robichaux for joining the JTC 1 TAG meeting on such short notice.

REF: JT/94-0541

3.4 U.S. TAG to JTC 1/WG3

The JTC 1 TAG noted receipt of documents JT/94-0545 and JT/94-0546 from the U.S. TAG to JTC 1 WG3 which serves as the interim TAG to JTC 1 SC 30. Neither of these documents were a committee report to the JTC 1 TAG.

REF: JT/94-0545, 0546

3.4.1 Status of DISA Acquiring the SC 30 TAG Administrator Responsibility

Ms. Flanagan reported that she had been in contact with Ms. Girouard who is attending an X12 meeting which is being held this week. From conversations with Ms. Girouard, it seemed unlikely that DISA would be making a decision regarding the acceptance of the TAG Administrator of SC 30 during their meeting this week.

The JTC 1 TAG was dismayed by this news. The JTC 1 TAG agreed it was imperative to form a permanent TAG for SC 30 as soon as possible or relinquish the U.S. National Body P-membership.

The JTC 1 TAG recognized three options in their deliberations of this issue: 1) disband the interim TAG for SC 30 (formerly the JTC 1/WG 3 TAG) and drop P-membership on SC 30; 2) have CBEMA serve as the TAG Administrator for SC 30 and form a new SC 30 TAG; and 3) have DISA serve as the TAG Administrator and form a new SC 30 TAG.

After much discussion (and in recognition that the U.S. stakeholders for SC 30 activity are in the X12 community, administered by DISA), the group agreed that the best alternative

would be for DISA to serve as the TAG Administrator for SC 30. If this was not possible then the U.S. should change its membership on SC 30 to Observer.

Ms. Flanagan was asked to communicate to following to Ms. Girouard at the X12 meeting: If DISA does not indicate a formal commitment to take the TAG Administrator for SC 30 by February 1, 1995, the JTC 1 TAG will recommend to ANSI that the U.S. National Body change their membership on SC30 to Observer.

REF: JT/94-0502

3.5 JTC 1 TAG Conformity Assessment Group - JTCA

Due to illness, Mr. Thewlis, Chair of JTCA, could not attend this meeting. In his absence, Mr. George, member of JTCA, reviewed the JTCA report contained in document JT/94-0532. The report contained issues for the JTC 1 Plenary meeting which were discussed under Section B of this agenda.

REF: JT/94-0532

4. Personnel

There were no personnel issues to address at this meeting.

5. Report on ITCC Activities

Mr. Oksala reviewed the ITCC report contained in document JT/94-0542. The report reviews the financials for 1994. Mr. Oksala noted that there are no issues to raise, ITCC activity is running smoothly at this time.

REF: JT/94-0542

6. U.S. Processing of NP and DIS Ballots

Document JT/94-0555 is a report of the U.S. processing of NP and DIS ballots for the period May 13, 1994 to September 12, 1994. The report is provided at the request of the JTC 1 TAG to serve as a management tool in the review of JTC 1 TAG accelerated letter ballots.

REF: JT/94-0555

6.1 Change in U.S. Position on ISO/IEC DIS 11404: Information Technology - Programming languages, their environments and system software interfaces - Language - independent datatypes (JTLB 900)

Ms. McMillan reported to the JTC 1 TAG that the JTC 1 TAG approved, by JTLB 900, the initial recommendation of X3T2 on DIS 11404 be: approve with comments. However, it has always been the intent of the developers in SC 21 and SC 22 to keep the following three standards in alignment: DIS 11404, Language Independent Datatypes; CD 13886, Common Language Independent Procedure Calling Mechanisms; and DIS 11578, Remote Procedures call (SC 21).

After X3T2 submitted its recommendation, DIS 11578 was changed, and the three proposed standards may no longer be in alignment.

At its Plenary meeting in September, SC 22 approved a resolution urging SC 22/WG 11 to investigate the divergence between RPC (DIS 11578) and LIPC (CD 13886) and assure their alignment.

X3T2 recommends the U.S. change its vote on DIS 11404 for the same reason. X3T2 recommended the following position:

The U.S. votes to DISAPPROVE progression of DIS 11404 to International Standards. The U.S. will change its vote to APPROVE if the following single change is made.

Item O.

Proposal: Change the IDN notation to align as closely as practical with the notation used in ISO RPC.

Rationale:

The IDN notation defined in LID was introduced to enable normative reference to the datatypes defined in LID. Thus the precise form of this notation is not essential to the purpose of LID, and can be changed even at this late date. However, if LID is perceived as being arbitrarily different from an established “de-facto standard” (X/Open DCE RPC), the chance of widespread adoption of LID will be significantly harmed. JTC 1 has also recognized the value of such alignment.

There was some discussion as to whether this change in the U.S. position was an official X3T2 position which requires two-thirds approval. Ms. McMillan assured the committee it was.

The JTC 1 TAG addressed the following motion:

Hill/Hovey:

“The JTC 1 TAG approves the X3T2 recommendation to change the U.S. National Body vote on DIS 11404, Language Independent datatypes, from APPROVE WITH COMMENTS to DISAPPROVE with the comments provided from X3T2.”

Vote on the motion: Unanimous
Motion passes.

The JTC 1 TAG Administrator will forward the U.S. position on DIS 11404 to ANSI.

6.2 Discussion of DIS LB Processing Time

Mr. Deese requested that this agenda item be posted. He brought to the attention of the JTC 1 TAG that the shortening of the DIS letter ballot to a four month period has caused some U.S. SC TAGs hardship. Two U.S. SC TAGs, of which he is a member, have experienced difficulty in meeting deadlines.

Mr. Deese expressed concern with the inability to conduct reconsideration ballots due to the lack of time. He questioned whether this would impede due process.

Discussion ensued noting that Mr. Gibson had sent a letter to all U.S. SC TAG Chairs (JT/94-0306) regarding recommendations in relation to the shortened four month DIS letter ballots. If these recommendations are followed the committee should be able to meet deadlines as well as consider the members' positions.

It was suggested that Mr. Gibson and the JTC 1 TAG Administrator solicit input from the U.S. SC TAGs regarding their experiences with the shortened DIS ballot period. The input should include successes and helpful hints as well as problems.

7. Approval for Hosting JTC 1 Subcommittee Meetings

7.1 Request to Host the JTC 1 SC 30 Plenary

The JTC 1 TAG reviewed the request from Premenos for approval to host the SC 30 Plenary meeting, January 23-25, 1995 in Concord, CA.

After some deliberation, the JTC 1 TAG addressed the following motion:

Ellinghaus/Camp

“The JTC 1 TAG approves the request for Premenos to host the SC 30 Plenary meeting, January 23-25, 1995 in Concord, CA.”

Vote on the motion: Unanimous
Motion passes.

The JTC 1 TAG Administrator will notify ANSI of the JTC 1 TAG approval of Premenos to host the SC 30 Plenary meeting

REF: JT/94-0548

7.2 SC15/WG 1 Meeting

Mr. Neumann requested this agenda item to call the JTC 1 TAG's attention to the activity of SC 15. SC15 had a meeting planned to be held in Tacoma, Washington in conjunction with an ECMA meeting. The meeting was canceled due to the lack of attendees. Mr. Neumann raised a concern regarding the activities of SC 15 and the activities of the U.S. TAG to SC 15. His concerns are documented in JT/94-0596.

It was noted that this issue was discussed at the X3 meeting the day previous and X3 (the U.S. TAG to SC15) is taking measures to investigate the activities of the U.S. counterparts to SC 15 (X3B5 and X3B11).

This issue will be addressed at the February meeting, once X3 has finished its investigation.

8. Other Business

8.1 Report of the X3 Ad Hoc Group on Mechanization

Ms. Higginbottom reviewed the activities of the X3 Ad Hoc Group on Mechanization. The report is contained in document JT/94-0580. The mechanization group will continue its work to develop a systems design.

Discussion ensued. It was questioned whether any of the activity of the mechanization ad hoc would adversely affect the automation activity within JTC 1. The response was no, noting that Ms. Higginbottom and Mr. Emard have been very active in the JTC 1 automation activity to ensure there is cohesion.

It was requested that equal time be given on the X3 and JTC 1 TAG agendas for the mechanization report as its work directly affect the X3 Secretariat as well as the JTC 1 TAG Administrator. The committee agreed that in February, the agenda item should be held during a joint session of the JTC 1 TAG and X3.

REF: JT/94-0536, 0580

8.2 Status of JTLB 560, Currently held in Abeyance

At the June 1994 meeting, the JTC 1 TAG agreed to continue to hold JTLB 560 in abeyance.

In preparation of this meeting, Mr. Camp submitted document JT/94-0522, which states the Texas Instruments, Inc. position that the intent and content of JTLB 560 has been rendered irrelevant due to Resolution 17 of the February 1994 JTC 1 plenary session. The document also contained the following motion which was addressed by the JTC 1 TAG.

Camp/Robinson

"The most appropriate course of action with respect to LB 560 (which is now held in abeyance) is to rescind it."

Discussion ensued, with members speaking for and against the motion. Some members were of the opinion that the JTC 1 TAG should "clear the decks" by rescinding this ballot and advised those members still interested in the topic to re-introduce it.

It was noted that although work on this project has stopped in SC 26, the work item has not been canceled. Some JTC 1 TAG members wanted to retain the JTLB 560 documentation as part of the record of their opposition to the project.

A motion to amend was addressed:

Loughry/Robinson

“Move to amend the original motion by adding the following phrase to the beginning of the motion: In light of SC26 action as embodied in JT/94-0585, ...”

Vote on the motion to amend: Unanimous
Motion passes.

More discussion ensued. The JTC 1 TAG was reminded that the purpose of this JTC 1 TAG meeting was to prepare for the JTC 1 Plenary and that there was not a lot of agenda time allocated to domestic JTC 1 TAG issues, such as this one. Some members expressed the desire for the vote on this motion be cast via JTC 1 TAG letter ballot.

As chair, Mr. Gibson called for this motion to be addressed via letter ballot noting that the criteria for approval is two-thirds.

The JTC 1 TAG Administrator will issue the following motion as amended for JTC 1 TAG letter ballot:

Camp/Robinson

In light of SC26 action as embodied in JT/94-0585, the most appropriate course of action with respect to LB560 (which is now held in abeyance) is to rescind it.”

REF: JT/94-0522

8.3 ANSI Information Infrastructure Standards Panel (IISP)

REF: JT/94-0396, 0459

8.3.1 Report of the September 27-28, 1994 Meeting

Mr. Zajaczkowski reported on the September 27-28 meeting. Approximately 175 people attended the two-day plenary session.

The September IISP Plenary was separated into seven breakout groups:

- Common Principles of Understanding
- Architectural Analysis
- Standards Development and Tracking System
- User/Content Provider Standards Needs
- International Aspects of the NII/GII
- Cross-Industry Understanding and Cooperation
- Role of the Government

Many of these groups recommended that they become permanent subgroups. The plenary endorsed these recommendations.

Mr. Zajaczkowski attended the break-out session on the International Aspects of the NII/GII. The final report of that break-out session is contained in document JT/94-0601. The group discussed the primary requirements of a GII from a standards perspective including appropriate liaisons, policy issues and focus.

The group recommended that it continue with the scope of being the focal point for GII standards activity.

REF: JT/94-0601

8.3.2 JTC 1 TAG Role in IISP

The JTC 1 TAG discussed its role within IISP. The committee agreed that the JTC 1 TAG is not the developer of the technology addressed in IISP. However, the JTC 1 TAG must deal with the international aspects of IISP. It was agreed that the JTC 1 TAG did not have to participate in the technology groups (e.g., architecture) but it should participate in the groups with an international focus such as the International Aspects of the NII/GII. Mr. Zajackowski will continue to participate in this group.

It was noted that there will be a cost associated with the JTC 1 TAG participation on IISP in 1995. The JTC 1 TAG Administrator will budget for this cost.

B. ISO/IEC JTC 1 Plenary Agenda, October 25-28, 1994

The JTC 1 TAG reviewed the JTC 1 Plenary Agenda (JTC 1 N 3216) and formulated a U.S. position for each item.

In the development of the U.S. position, the JTC 1 TAG considered input from U.S. TAGs to JTC 1 SCs and JTC 1 TAG members. (See final agenda, Attachment II, for the matrix of documents).

The JTC 1 TAG Administrator was requested to prepare delegates' instructions for these positions for use by the U.S. delegation at the JTC 1 Plenary. Since U.S. positions and delegates' instructions do not appear in committee minutes, they are not included in these minutes. However, any JTC 1 TAG member who desires a copy of the delegates' instruction should contact Joanne Flanagan.

During the preparation for the JTC 1 Plenary, the JTC 1 TAG did address some items that involved a U.S. contribution to JTC 1. These contributions were voted on for approval for submission as the U.S. contribution. The motions follow:

Ad Hoc Group A - JTC 1's Use of DeFacto Standards:

Loughry/Ellinghaus

"The JTC 1 TAG approves document JT/94-0589 as modified at this meeting as the U.S. contribution to the JTC 1 Ad Hoc Group A - JTC 1's Use of DeFacto Standards."

Vote on the motion: Unanimous
Motion passes.

The JTC 1 TAG Administrator will forward JT/94-0589 as modified at this meeting as the U.S. contribution to the JTC 1 Ad Hoc Group A - JTC 1's Use of DeFacto Standards.

Ad Hoc Group C - JTC 1 Strategy for Implementation of Information Technology

Neumann/Ellinghaus

"The JTC 1 TAG approves document JT/94-0507 as the U.S. contribution to the JTC 1 Ad Hoc Group C - JTC 1 Strategy for Implementation of Information Technology."

Vote on the motion: Unanimous
Motion passes.

The JTC 1 TAG Administrator will forward document JT/94-0507 as the U.S. contribution to the JTC 1 Ad Hoc Group C - JTC 1 Strategy for Implementation of Information Technology.

Status of SC 22 Secretariat

Mr. Hill reported to the JTC 1 TAG that at the September 1994 SC 22 Plenary, Canada announced that the National Body had found the resources to be able to retain the Secretariat SC 22. The announcement was followed with documentation found in JTC 1 N 3213.

Mr. Hill explained at its June 1994 meeting, the JTC 1 TAG formed an ad hoc group to address the SC 22 Secretariat issue. The ad hoc group met and prepared a report (JT/94-0504) and proposed U.S. contribution contained in JTLB 896. The U.S. offered to undertake the SC 22 Secretariat responsibilities provided that no other acceptable National Body comes forward in JTC 1. JTLB 896 closed on September 29, 1994 with a tally of 25-0-1-11.

In light of the information provided to by the Canadian National Body immediately prior to the SC 22 Plenary, it was suggested that the U.S. rescind its offer to undertake the SC22 Secretariat since the Canadian National Body wished to retain it. The JTC 1 TAG addressed the following motion:

Oksala/Camp

"Given the report of the SC 22 Secretariat contained in document JTC 1 N 3213, the JTC 1 TAG rescinds JTLB 896 as it is overtaken by events."

Vote on the motion: Unanimous
Motion passes.

C. Action Items

1. Future JTC 1 TAG Meeting Schedule

1.1 Next Meeting

The next meeting of the JTC 1 TAG will be February 8-9, 1994 at the Doubletree Hotel at Horton Plaza - San Diego.

1.2 1995 Meeting Schedule

Document JT/94-0344R contains the 1995 JTC 1 TAG meeting schedule.

REF: JT/94-0344R

2. Review of Action Items

2.1 The JTC 1 TAG Administrator will work with Mr. Gibson on the clarification of U.S. TAG assignments. (Carryover, Item 5.4, June 1994 minutes)

2.2 The JTC 1 TAG Administrator will notify DISA that their membership is in jeopardy for failure to attend meetings. (Item 1.4, October 1994 minutes)

2.3 The JTC 1 TAG Administrator will forward to ANSI the U.S. position on DIS 11404. (Item 6.1, October 1994 minutes)

2.4 The JTC 1 TAG Administrator and Mr. Gibson will request input from U.S. SC TAG Chairs regarding the DIS ballot period. (Item 6.2, October 1994 minutes).

2.5 The JTC 1 TAG Administrator will arrange for a joint session of X3 and the JTC 1 TAG to carry the Mechanization activities. (Item 8.1, October 1994 minutes).

2.6 The JTC 1 TAG Administrator will issue a letter ballot for the motion pending under agenda item 8.2. (Item 8.2, October 1994 minutes).

2.7 The JTC 1 TAG Administrator will notify ANSI of the JTC 1 TAG approval for Premenos to host an SC 30 Plenary in 1995. (Item 7.1, October 1994 minutes)

2.8 The JTC 1 TAG Administrator will forward JT/94-0589 as modified at this meeting as the U.S. contribution to the JTC 1 Ad Hoc Group A - JTC 1's Use of DeFacto Standards. (Item B, October 1994 minutes).

2.9 The JTC 1 TAG Administrator will forward document JT/ 94-0507 as the U.S. contribution to the JTC 1 Ad Hoc Group C - JTC 1 Strategy for Implementation of Information Technology. . (Item B, October 1994 minutes)

2.10 The JTC 1 TAG Administrator will forward to ANSI the U.S. contribution on JTC 1 N 3015. (Item B, October 1994 minutes)

3. Adjournment

The meeting was adjourned at 3:00 PM, Friday October 7, 1994.