

JTC1 TAG Doc: **JT/94-0539 J, R, C, S**
X3/94-0756 X, O, T

Date: September 12, 1994

Project:

Ref. Doc.:

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Draft Minutes
JTC1 Technical Advisory Group (JTC1 TAG)
Meeting Number 21

CBEMA
1250 Eye Street, Suite 200
Washington, DC 20005

June 8-10, 1994

1. Administrative

1.1 Call to Order

Mr. Gibson called the meeting to order at 1:00 PM.

1.2 Membership and Attendance

Guide International will be changing its principal representative to Mr. Anthony (Tony) Gualtieri; Mr. Kirshenbaum will soon serve as the alternate representative.

The Polaroid Corporation representative, Mr. Fara Faramarzpour, is attending this meeting as an observer in anticipation of joining the JTC 1 TAG. Polaroid will obtain voting privileges at its attendance at one of the next two successive meetings.

The total voting membership is 37 (not including Polaroid). Quorum is 19. Representatives from 31 voting organizations were in attendance.

The following organizations did not have representatives at this meeting: 3M, Compaq, DISA, EIA, Storage Tek and Sony America.

Ms. Flanagan reported Compaq is in jeopardy for failure to attend meetings. The JTC1 TAG Administrator will notify the principal representative that failure to attend the October meeting will result in the termination of their membership.

REF: JT/94-0413

1.3 Approval of Draft Agenda, June 8-10, 1994

Mr. Gibson noted that, in response to his letter to the JTC 1 TAG regarding the handling of matters pertaining to IEEE 1754 at the June TAG meeting (JT/94-0332), he received some feedback as to whether Resolution 17 of the JTC 1 Plenary should be discussed at this meeting. Dr. Pritchard was of the opinion that the issue should not be addressed at this meeting. Mr. Camp was of the opinion that although it could be discussed, the JTC 1 TAG could not take any formal action on the subject until they have received input from the SC 26 TAG. After some discussion, the JTC 1 TAG agreed that agenda item 4.1.2, Resolution 17, would remain on the agenda.

The agenda (JT/94-0343R) was unanimously approved (Loughry/Camp) as revised and is shown in Attachment II of these minutes.

REF: JT/94-0343R

1.4 Approval of Draft Minutes, March 9-10, 1994 Meeting

The Draft Minutes (JT/94-0286) were approved (Oksala/Ainsworth) as presented by unanimous consent.

REF: JT/94-0286

1.4.1 Review of Action Items

1.4.1 Dr. Pritchard will prepare a paper supporting the position that the subject of JTLB 560 is outside the jurisdiction of the JTC1 TAG (Item 9, October 1993 minutes). (deadline extended January 1994 Minutes) **(Done)**

1.4.2 The JTC1 TAG Administrator will notify Guide International's representatives that failure to attend the June meeting will result in the termination of their membership. (Item 1.2, March 1994 minutes) **(Done)**

1.4.3 The JTC1 TAG Administrator will forward the U.S. position on JTC1 N2797 to ANSI. (Item 3.1.1, March 1994 minutes) **(Done)**

1.4.4 Mr. Gibson will request TPMC to review, at their next meeting, the decision of not budgeting, within the JTC1 TAG Administrator's budget, for SC meetings held in the U.S. (Item 3.2.1, March 1994 minutes) **(Done)**

1.4.5 The JTC1 TAG Administrator will issue a thirty-day letter ballot for the approval of the TD-1. (Item 3.2.1, March 1994 minutes) **(Done)**

1.4.6 The JTC1 TAG Administrator will forward, upon JTC1 TAG approval, the TD-1 to ANSI for review and re-accreditation. (Item 3.2.1, March 1994 minutes) **(Carryover)**

1.4.7 The JTC1 TAG Administrator will communicate the JTC1 TAG concerns to JTCA. (Item 3.5, March 1994 minutes) **(Done)**

1.4.8 JTC1 TAG members will complete action items assigned under agenda item 4.2.1. (Item 4.2.1, March 1994 minutes) **(Done)**

1.4.9 JTC1 TAG members will forward their comments on the proposed U.S. position (JT/94-0219) to the JTC1 TAG Administrator for forwarding to Messrs. Loughry and Oksala by April 1, 1994. (Item 4.3, March 1994 minutes) **(Done)**

1.4.10 Mr. Loughry will forward the final U.S. contribution to the JTC1 TAG Administrator for forwarding to the JTC 1 Secretariat by the April 8th deadline. (Item 4.3, March 1994 minutes) **(Done)**

1.4.11 The JTC1 TAG Administrator will forward the delegation list for the JTC1 Ad Group A meeting to ANSI. (Item 4.3, March 1994 minutes) **(Done)**

1.4.12 The JTC1 TAG Administrator will provide heads-up notice on accelerated ballots which are held up due to mailings. (Item 7, March 1994 minutes) **(Done)**

1.4.13 The JTC1 TAG will issue the proposed U.S. position documented in JT/94-0236 for approval via accelerated letter ballot. (Item 7.1, March 1994 minutes) **(Done)**

1.4.14 The JTC1 TAG Administrator will forward the U.S. position on NP for Guidelines for the Preparation of Language Independent Services Specifications to the JTC 1 Program of Work as appropriate. (Item 7.1, March 1994 minutes) **(Done)**

1.4.15 The JTC1 TAG Administrator will distribute the procedures for hosting JTC1 SC Plenary Meeting in the U.S. to all U.S. TAGs noting the importance of following these procedures. (Item 8.2, March 1994 minutes) **(Carryover)**

1.4.16 Ms. Higginbottom will develop a proposed U.S. position on JTC1 mechanization for JTC1 TAG review at the June meeting. (Item 8.4, March 1994 minutes) **(overcome by events)**

1.4.17 The JTC1 TAG Administrator will reply to commentors on the API Fast-Tracks noting the action taken at this meeting. The JTC1 TAG Administrator was requested to reply to commentors noting the action taken at this meeting. 8.7 **(Done)**

1.5 JTC1 TAG Administrator's Report

The JTC 1 TAG Administrator's report (JT/94-0352), details the activity of the JTC 1 TAG Administrator staff since the last JTC1 TAG meeting. Mr. Emard entertained questions.

REF: JT/94-0352

1.5.1 Plenary Funding

Ms. Flanagan gave the following financial report of the funding of the JTC 1 and SC 18 Plenary meetings.

Total Funds Collected (Towards the JTC 1 and SC18 Plenary)	\$34, 745.00
Cost of the JTC 1 Plenary	\$18, 646.13
Cost of the SC 18 Plenary	\$11,736.60
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Funds to Plenary Equity	\$4,362.27

Future Meetings:

SGFS Authorized Subgroup Meeting - December 1994
SC 22 - September 1995
SC 29 - November 1995
SC 21 - May 1996

2. Chairman's Remarks

Mr. Gibson welcomed the members. He noted that the agenda was very full and he expected the meeting to run until noon on Friday.

The JTC 1 TAG had previously been advised that Ms. Lisa Rajchel has replaced Ms. Fran Schrotter as the JTC 1 Secretariat. Mr. Gibson welcomed Ms. Rajchel.

Mr. Gibson also reported that on Tuesday evening, June 7, 1994, there was an Awards Reception which JTC 1 TAG members were invited to attend. At the reception, Ms. Schrotter was presented with a plaque which read as follows: Presented to Frances E. Schrotter on behalf of the JTC 1 TAG in deep appreciation for her many years of outstanding leadership in the field of information technology standards, for her exemplary service to the international JTC 1 program and for her invaluable support of the U.S. JTC 1 community, June 1994. By acclamation, the JTC 1 TAG expressed their appreciation to Ms. Schrotter.

Mr. Gibson re-iterated upon the importance of cooperation among U.S. TAGs to JTC 1. Improvements to the JTC 1 TAG arena will most likely come from U.S. TAGs acting together, not solely. The Memorandum of Agreement (MOA) provides several principles to help achieve this.

Mr. Gibson reported that he received a letter, as Chairman of the JTC 1 TAG, from Banker's Trust regarding the standardization of a security technique invented by Banker's Trust. Mr. Gibson referred them to X3B10 and X3T4.

3. JTC1 TAG Subgroup Reports

3.1 JTC1 TAG Procedures Group (JTPG)

3.1.1 Presentation of the Revised JTC1 TAG/TD-1 Disposition of Comments Received with JTLB 741

JTLB 741, JTC 1 TAG Approval of the revised JTC 1 TAG/TD-1, *Organization and Procedures*, closed with a preliminary tally of 28-3-0-6. No votes were changed as a result of the reconsideration period. JTPG reviewed all comments which accompanied the votes and proposed a resolution to them. The disposition of these comments is contained in document JT/94-0311. A review of the substantive comments is contained in the JTPG report, JT/94-0378.

The JTC 1 TAG members discussed their comments. Mr. Converse noted that the reference for Robert's Rules should specify the latest edition without citing reference to the publisher. This change will be made.

Ms. DeChino requested the name of the TD-1 to be changed to read: U.S. Technical Advisory Group for ISO/IEC JTC 1, Information Technology, *Organization and Procedures*. The JTC 1 TAG agreed.

Mr. Wheeler raised his concern regarding "official delegates" to international meetings. Mr. Wheeler noted that many host organizations invite guests and that the U.S. Head of Delegation is not in the position to ask the "unofficial individuals" to leave. JTPG had rejected his comments, noting that the U.S. should only have "official delegates" participating in an international meeting. If there is a problem, it should be brought to the attention of the JTC 1 TAG, the JTC 1 TAG Administrator and to ANSI.

Upon conclusion of the discussion, the JTC 1 TAG addressed the following JTPG motion:

The JTC1 TAG approves JT/94-0311 as the disposition of comments received on JTLB 741, Approval of the Revised JTC 1 TAG/TD-1.

Vote on the motion: Unanimous
Motion passes.

REF: JT/94-0227, JT/94-0311

3.1.2 U.S. Hosting SC Plenaries in the U.S.

JTPG was unable to develop new wording to resolve the issue of Hosting SC Plenaries in the U.S. However, draft wording for section 5.6 was developed by some members of JTPG. The JTC 1 TAG reviewed the document and proposed revisions. After much discussion of possible re-wording, JT/94-0393 was revised.

Some members noted concern regarding fiscal liability and the need for an escrow account and suggested that these issues be addressed when developing the next revision to the TD-1.

The following motion was addressed:

Converse/Main

"The JTC 1 TAG approves the Procedures for U.S. Hosting SC Plenaries in the U.S. (JT/94-0393R) for incorporation in the next edition of the JTC 1 TAG /TD-1."

*Vote on the motion: Unanimous
Motion passes.*

REF: JT/94-0310, JT/94-0393R

3.1.3 JTC1 TAG Approval of Disposition of Comments

This action was addressed under agenda item 3.1.1.

3.1.4 Approval of Proposed U.S. Position on JTC 1 N Proposed Addition to JTC1 Directives to Implement Resolution 15 of JTC 1 /SWG-CA

Mr. Jameson presented JT/94-0391 as the proposed U.S. response to JTC 1 N 2888, Proposed Addition to JTC1 Directives to Implement Resolution 15 of JTC 1 /SWG-CA. Mr. Jameson noted that because of timing, JTPG did not approve this as a committee but input was received from the members of JTPG. The italicized words in JT/94-0391R were an addition to the original text.

There was discussion and members suggested some changes to the italicized text. Mr. Jameson incorporated the suggestions and re-issued the document as JT/94-0391R .

The following motion was addressed:

Hovey/Kilpatrick

"The JTC 1 TAG approves the proposed U.S. position as documented in JT/94-0391R in response to JTC1 N 2888."

*Vote on the motion: Unanimous
Motion passes.*

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

REF: JTC 1 N 2877, N 2888, JT/94-0201

3.1.5 Approval of Proposed U.S. Position on JTC 1 N 2891 Rev., JTC 1 Plenary Meeting Report on Ad Hoc Group C on Improvements to the JTC 1 Processes

Mr. Jameson presented JT/94-0392 as the proposed U.S. response to JTC 1 N 2891 Rev., JTC 1 Plenary Meeting Report on Ad Hoc Group C on Improvements to the JTC 1 Processes.

There was some discussion that the proposed U.S. position may be interpreted to mean the U.S. encourages the submission of abstention votes on technical documents. That is not the U.S. intent. Therefore, the JTC 1 TAG agreed to replace the last sentence with:

"The U.S. does not believe that changing the types or method of voting will eliminate the problem described in Attachment 3."

The following motion was addressed:

Neumann/DeChino

"The JTC 1 TAG approves the recommended U.S. position in response to JTC 1 N 2891Rev. as documented in JT/94-0392 and revised at this meeting."

*Vote on the motion: Unanimous
Motion passes.*

The JTC 1 TAG Administrator will forward the U.S. position on JTC 1 N 2891Rev. to ANSI.

REF: JTC 1 N 2891 Rev., JT/94-0202

3.2 JTC1 TAG Registration Authority Group -- JRAG

JRAG has not met since the last meeting of the JTC 1 TAG. However, Ms. Tom sent notification to the JTC 1 TAG that a draft ITU-T recommendation for international name registration (by an international registration authority) of X.400 (MOTIS) management domain names and organization names for use in Directory will be discussed at the SC 21 meeting in July as part of a liaison from ITU-T SC 7 to SC21. Anyone interested should contact Ms. Tom.

REF: JT/94-0361

3.3 JTC1 TAG Functional Standards Group -- JTFS

Mr. Robichaux submitted a JTFS report which is contained in document JT/94-0347. The JTC1 TAG reviewed the report and noted the JTFS request that the JTC 1 TAG keep JTFS apprised of the U.S. National Body positions and activities regarding the JTC 1 DeFacto Standards Working Group and APIs.

The JTC 1 TAG Administrator will forward these positions to Mr. Robichaux.

REF: JT/94-0347

3.4 U.S. TAG to JTC1/WG3-EDI

There was no report submitted to the JTC 1 TAG from U.S. TAG to JTC1/WG3-EDI. The issue of U.S. National Body membership on JTC 1 SC 30 was addressed under agenda item 4.1.3 of this meeting.

3.5 JTC1 TAG Conformity Assessment Group - JTCA

The JTC 1 TAG reviewed the JTCA status report contained in document JT/94-0297. There is an JTC 1 SWG-CA meeting in June, 1994 in London, England. In preparation of this meeting, JTCA has developed U.S. positions regarding Casco Guides, the Conformity Assessment Matrix and the issue of SWG-CA being able to initiate a NP. The positions are contained in JT/94-0297.

REF: JT/94-0297

4. Preparation for the ISO/IEC JTC 1 Plenary, Seoul, October 25-28, 1994

4.1 Actions from the ISO/IEC JTC1 Plenary Meeting February 1-3, 1994, Washington, DC

Document JTC 1 N 2899 contain the resolutions of the JTC 1 Plenary Meeting February 1-3, 1994, Washington, DC.

REF: JTC 1 N 2899

4.1.1 Resolution 3 - Maintenance Responsibility for JTC 1 Standards

JTC 1 Document N 3015 contains a listing of published JTC 1 standards and the committee responsible for maintenance of the standards. There are a number of standards that do not have an assigned body responsible for maintenance because the originating JTC 1 SC no longer exists. The JTC 1 Secretariat and ITTF have requested National Bodies and SCs to review the document to indicate a willingness to take sponsorship of the maintenance responsibility to the standards assigned to JTC 1 itself.

The JTC 1 TAG Administrator has researched the titles of the unassigned standards and will distributed the list to the appropriate committees to request review. The JTC 1 TAG requested the reviewing TAGs to determine whether 1) the U.S. would want maintenance responsibility, 2) a specific SC be assigned or 3) request that standard be withdrawn at its next periodic review.

The JTC 1 TAG Administrator will forward the list of unassigned standards to the appropriate U.S. SC TAGs for consideration of maintenance responsibility.

REF: JTC 1 N 3015

4.1.2 Resolution 17 - Open Microprocessor Architecture

In preparation of this meeting, Mr. Gibson wrote a letter to the JTC 1 TAG (JT/94-0332) regarding the handling of matters pertaining to IEEE 1754. In that letter Mr. Gibson outlined how the JTC 1 TAG would address Resolution 17 from the JTC 1 Plenary.

The U.S. must prepare a position on this resolution prior to the next plenary. To assist the JTC 1 TAG, Mr. Gibson requested a briefing from proponents of both sides of the issue. Those positions should address the relative merits and consequences of:

- 1) developing a single architecture at a higher level of abstraction (e.g., ANDF/Virtual Binary Interface) than that defined in SC26 N117, and
- 2) further development of several different and mutually incompatible architectures of which SC26 N117 is the first and thus far unique occurrence.

Mr. Hovey presented arguments against standardizing proprietary architectures and addressed the consequences of both 1) and 2).

Mr. Camp presented a detailed overview of the history of IEEE 1754 (see Attachment III) and a position that would be presented to the SC 26 TAG for discussion in July.

Mr. Robinson presented a comparative review of the standardization activities related to IEEE 802 and 1754. See Attachment IV.

The JTC 1 TAG will establish a position for Resolution 17 at the October meeting. At that time, the JTC 1 TAG should have input from the SC 26 meeting in September. Mr. Camp will forward any SC 26 and SC 26 TAG positions on this issue to the JTC 1 TAG for information.

REF: JT/94-0332, 0333, 0334, 0366, 0367, 0380, 0373

4.1.3 Resolution 19 - SC 30

JTC 1 document N 2954 is a request from the JTC 1 Secretariat for National Bodies to establish membership on the newly formed SC 30, Open edi. The JTC 1 TAG has, at past meetings, discussed the U.S. position on the formation of SC 30. In those discussions it was noted that the U.S. did not seem to have a strong interest in the work of what was then WG3.

As a result of those discussions, Mr. Gibson contacted (JT/94-0315) the Chairman of X12, Mr. Crowley, to determine X12's interest in becoming the TAG for JTC 1 SC30 and DISA taking on the TAG administration responsibility. In the letter, Mr. Gibson noted that given the relatively low interest among JTC 1 TAG members in the subject, it would be doubtful that the TAG would vote to maintain P-membership unless another organization indicates to the JTC 1 TAG that it wishes to have the SC30 TAG.

In response to this letter, Mr. Gibson was notified that X12 would address his letter at the X12 meeting which was being held at the same time as this meeting in Dallas.

Ms. Flanagan reported that Ms. Girouard had just called from the X12 meeting to give a verbal report of action taken regarding this issue. The report included the following points:

1. There is serious interest by some X12 members that DISA take the TAG responsibility of SC30.
2. Before a commitment can be made, further review at the October X12 meeting was necessary to ensure X12 understood all resource obligations and how those obligations can be met.
3. It is unclear at this time, whether the TAG responsibility would be given to a committee within the X12 structure (with DISA as the TAG Administrator), or a separate entity within DISA (with DISA as the TAG Administrator).
4. These issues will be addressed at X12's October meeting, and DISA will contact the JTC 1 TAG after the meeting.

The JTC 1 TAG discussed the report and noted that the U.S. National Body, should they want permanent membership, would be at a disadvantage if they did not have principal membership from the initial meeting of SC30. However, if the report from DISA following the X12 October meeting indicates lack of commitment for TAG and TAG Administrator responsibility, the JTC 1 TAG will review the U.S. commitment to participate in SC30 and possibly change its membership status from Principal to Observer. The following motion was addressed:

Main/Camp

"The JTC 1 TAG approves principal membership on SC 30 at this time based on the expectation that DISA will take on the TAG and TAG Administrator responsibility. If DISA declines, the U.S. will consider switching its membership to observer."

Vote on the motion: Unanimous
Motion passes.

In the interim, the U.S. TAG to (the former) JTC 1 WG 3 is continuing to serve as the TAG to SC 30.

The JTC 1 TAG Administrator will forward the reply to the call for membership to SC30 to ANSI. The JTC 1 TAG Administrator will also notify DISA of the action taken at this meeting.

REF: JTC 1 N 2954, JT/94-0315

4.1.4 Resolution 24 - Strategic Planning

Resolution 24 of the JTC 1 Plenary invites National Bodies to submit comments on the Strategic Planning Policy Statement (N2747), Proposed Revision to the Strategic Plan (N2748) and the New Zealand Contribution on the Strategic Policy Statement (N2886). In response to the request (N2942), Mr. Oksala prepared a proposed U.S. position on the documentation (JT/94-0266). Mr. Oksala reviewed the position with the committee.

A lengthy discussion ensued and members of the JTC 1 TAG recommended some changes to the position to which Mr. Oksala agreed. The following motion was addressed:

Camp/Loughry

"The JTC 1 TAG approves JT/94-0266 as revised at this meeting as the U.S. National Body response to JTC 1 N2942."

Vote on the motion: Unanimous
Motion passes.

Mr. Oksala will make the approved changes to JT/94-0266 and forward it to the JTC 1 TAG Administrator for forwarding to ANSI by the June 30, 1994 deadline.

The JTC 1 TAG discussed the U.S. Strategic Planning Rapporteur assignment. Mr. Cargill, who is not a regular participant of the JTC 1 TAG, serves in this role. The committee agreed that it is important to have a person who regularly attends JTC 1 TAG meetings serve as the Rapporteur in order to have heard JTC 1 TAG discussions on this issue. The committee agreed Mr. Oksala should serve a co-rapporteur with Mr. Cargill. The JTC 1 TAG Administrator will notify ANSI of this change. Mr. Gibson will notify Mr. Cargill.

REF: JTC 1 N 2942, JT/94-0266

4.1.5 Resolution 34 - Report of JTC 1 /WG-DFS Meeting, 9-11 May, 1994, Berlin and Approval of Action Plan for August Meeting

The U.S. Delegation to the May JTC 1 /WG-DFS Meeting included Mr. Loughry, HoD, Mr. Jameson and Mr. Oksala. Mr. Loughry presented a meeting report (JT/94-0382) of the meeting. The meeting broke into three sub groups to address the three main agenda items; 1) Management Guides, 2) Criteria, and 3) Process Refinement. Each subgroup reported back to WG-DFS.

The management subgroup report identified nine proposed sections and a Reference Annex. The first three sections are intended to be motivational and educational whereas the next five sections will describe the process for PAS transposition in detail. The results of the Process and Criteria Groups will be incorporated here. The general outline of the Management Guide was modeled after the U.S. contribution in N3001.

The criteria subgroup focused on a set of three high priority topics to be applied to the document being submitted and an additional set of three topics to be applied to the organization submitting the document for PAS transposition.

The process subgroup focused on the matter of PAS aimed at base standards through either the normal or fast track process rather than an emphasis on profiles.

Mr. Loughry reported that all sub-groups are expected to produce refined draft papers prior to the August/September meeting. No formal documentation will be submitted for National Body comment prior to this meeting.

Mr. Loughry requested JTC 1 TAG feedback on issues for each category. After some discussion, an ad hoc group was formed to meeting early Friday morning to share and collect feedback, identify open issues and coordinate input for the U.S. position for August.

The group met, reviewed the output documentation from the Berlin meeting and developed proposed responses on the following areas:

Criteria:

- 1) critical criteria identified?
- 2) measurable characteristics?

Process:

- 1) JTC 1 TAG views on process direction - "listed organization criteria"

Management

- 1) feedback on outline.

Mr. Loughry reported the results of the ad hoc group discussion which were not disputed by the JTC 1 TAG. The group supported the criteria positions (i.e., the six categories) from Berlin. The application of the criteria is to be based on National Body ballots and analysis of performance against criteria "characteristics". For example, for documents/quality/availability the characteristics may be: a) where, b) how long and c) distribution wide/narrow. There should be no numeric score sheets on pass/fail criteria.

The ad hoc group supported the set of assumptions created by the criteria subgroup which are listed in Mr. Loughry's report.

The main focus of PAS transposition is not through the ISP process. There was strong support for "listed" or "qualified" organizations. Mr. Jameson included in his report that there may be a need to disassociate formal liaison status from the organization's right to process documents (fast-track). JTPG will investigate this further. This would be a means to reduce the analysis/acceptance time for a PAS.

There was no JTC 1 TAG support for a "normative reference specification."

The next meeting of the JTC 1 /WG-DFS will be the week of August 29. Mr. Loughry requested any JTC 1 TAG members with input for this meeting to contact him.

REF: JT/94-0382

4.1.6 Resolution 35 - Report of the JTC1 TAG API Ad Hoc Group

As a result of resolution 35 of the JTC 1 Plenary, the ad hoc group on API that developed the original U.S. position on the API in December, 1992 was reconvened. Their purpose for meeting was to develop specific recommendations to the JTC 1 TAG concerning the seven questions in document JTC 1 N 2948.

Mr. Hill presented the recommended U.S. position contained in document JT/94-0370. He reported that just after the close of the ad hoc group meeting he had received input from X3T3, through the SC 21 TAG, which was not consistent with the ad hoc group recommendation. Since the input was received after the ad hoc group meeting, Mr. Hill requested the JTC 1 TAG to consider the input.

Mr. Frost noted that X3T3 has forwarded a position that they are willing to participate in the work. Mr. Hill noted that there was some interest in U.S. participation in the work, however, there was not enough. After due consideration, the JTC 1 TAG addressed the following ad hoc group motion:

"Move to approve JT/94-0370 as the U.S. response to JTC 1 2948."

Vote on the motion: 23-1-4-2
Motion passes.

The JTC 1 TAG Administrator will forward the U.S. position contained in document JT/94-0370 to ANSI.

REF: JTC 1 N 2965 Revised, JT/94-0369, 0370, 0365

4.1.7 Resolution 46 - Category C Liaisons with User Groups

As a result of the discussion of Resolution 46 at the March JTC 1 TAG meeting, Mr. Frost prepared a proposed U.S. contribution on User Group Requests for Category C Liaison, contained on JT/94-240.

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

Hogan/Oksala

"The JTC 1 TAG approves document JT/94-240 as the U.S. contribution on User Group Requests for Category C Liaison."

Vote on the motion: unanimous
Motion passes.

The JTC 1 TAG Administrator will forward the U.S. position contained in JT/94-0240 to ANSI.

REF: JTC 1 N 2960, JT/94-0240

4.1.8 Resolution 36 - Four Month DIS/DAM Letter Ballots

In document JT/ 94-0306, Mr. Gibson notified the U.S. JTC 1 TAG community that effective June 1, 1994, the normal ballot period for a DIS/DAM shall be four months from the date of distribution (see JTC 1 N3024).

In his letter, Mr. Gibson suggested actions that can be taken to help alleviate the time pressures which exist with a four month ballot.

Dr. Pritchard responded to the letter (JT/94-0379) noting that the four-month ballot period exacerbates an already existing problem of meeting international deadlines. During the discussion it was noted that the U.S. cannot wait for the formal ballot process to begin before developing a position. U.S. participants must get a head start by reacting immediately to actions taken at international meetings. One way to do this is to for delegates to insist that the CD text which is submitted to the ITTF be distributed to the SC.

The JTC 1 TAG requested members of the U.S. JTC 1 community to take note of document JT/94-0307.

REF: JTC 1 N 3024, JT/94-0306, 0379

4.2. New Items in Preparation for the ISO/IEC JTC 1 Plenary, Seoul, October 25-28, 1994

4.2.1 Proposal for a JTC1 Ad Hoc Group on User Requirements Gathering

Mr. Oksala submitted a proposal that the U.S. National Body request that user requirements be the subject of one of the ad hoc groups at the next JTC 1 Plenary.

The JTC 1 TAG discussed the proposal and noted, in most cases, the JTC 1 ad hoc groups are used as change agents, either a National Body wants something changed or they are reacting to a proposal to change something. The U.S. National Body does not wish to change the current status quo regarding user requirements.

As will be noted in the U.S position to strategic planning (agenda item 4.1.4), the U.S. supports user requirements at the lower levels of the process. There is no need for a formal mechanism for them to be established at a higher level.

REF: JT/94-0215

4.2.2 Preliminary Discussion of U.S. Position on DIS "Confirmation" Ballots

In document JT/94-0306 Mr. Gibson noted the growing international pressure/support for adopting within JTC 1 the practice of DIS "confirmation" ballots. This type of ballot has been in the ISO/IEC harmonized procedures for several years. The DIS ballot at the JTC 1 level would become a simple YES/NO vote without technical comment and the ballot period for the vote would be reduced to two months.

While no action has yet been taken on this issue, Mr. Gibson expects that it will be addressed in the future. Thus, he thought it wise for the U.S. to start developing a position. JTC 1 TAG members noted that it would quicken the process, however, National Bodies would have to pay very careful attention to ballot periods.

This issue has been raised at the past few SC Chairmen Forums which occur the day before the JTC 1 Plenary. In anticipation of DIS "confirmation" ballots, SC Chairmen have been reminded that such ballots would require stable CD text. Should SCs not work this way (i.e., quick CD and multiple DIS ballots), they should begin changing their modus operandi to have stable CD text before it is submitted for DIS ballot.

JTC 1 TAG members were requested to submit position papers on this subject for the October JTC 1 TAG meeting.

REF: JT/94-0306

4.2.3 Status of the Replacement of the SC 22 Secretariat

Mr. Hill, SC 22 TAG Chair, reported that, as of this time, no National Body has come forward to take the Secretariat responsibility for SC22. However, some have heard that New Zealand is considering the possibility. New Zealand will be making their decision by the end of June.

If New Zealand does not take the Secretariat, JTC 1 will have to discuss the placement of the projects within SC22. Those projects would be the responsibility of the JTC 1 Secretariat until they are re-assigned. The U.S. should have a plan of action for the October JTC 1 plenary.

Mr. Gibson established an ad hoc group, to be chaired by Mr. Hill, to deal with how to break-up the projects within SC22 should no National Body come forward to take the secretariat responsibility.

An ad hoc group meeting was scheduled for August 10, 1994 at CBEMA.

4.2.4 Request for Category A-liaison for ETSI with JTC 1

Document JTC 1 N 3029, Request for Category A-liaison for ETSI with JTC 1, was recently distributed by the JTC 1 Secretariat. A U.S. position will be established at the October JTC 1 TAG meeting.

REF: JTC 1 N 3029

4.2.5 Selection of U.S. Delegation

The JTC 1 Secretariat has requested National Bodies to submit their lists of delegates. The JTC 1 TAG discussed the matter and addressed the following motion:

Neuman/Plunkett

"The JTC 1 TAG approves the following list of individuals to serve as the U.S. delegation to the October 25-28, 1994 Plenary Meeting in Geneva, Switzerland:

*Mr. Richard Gibson - HoD - AT&T/NCR
Mr. Clyde Camp - Texas Instruments Mr. Jean-Paul Emard - CBEMA
Ms. Karen Higginbottom - Apple Computer Inc.
Mr. Michael Hogan - NIST
Mr. Richard Hovey - Digital Equipment Corporation
Mr. Scott Jameson - Digital Equipment Corporation
Mr. Don Loughry - Hewlett Packard Co.
Mr. John Neuman - Hitachi America
Mr. Stephen Oksala - Unisys
Mr. Joseph Zajackowski - Storage Tek"*

Vote on the motion: Unanimous

Motion passes.

The JTC 1 TAG Administrator will forward the list of delegates to ANSI.

5. Reports of U.S. SC TAGs

5.1 SC 26 TAG

Mr. Camp, Chair of SC 26 TAG, gave a report on the SC 26 TAG program of work as well as the overall work of SC26, Microprocessor Systems. (His presentation is included as Attachment V). There are fourteen P-members and nineteen O-members in SC 26. There are more than twenty active projects in areas including: Microprocessor Architectures, Physical and Functional Characteristics, Connectivity, and Dependability.

There are twelve U.S. TAG members and the TAG Administrator is IEEE. Much of the work is developed in the national community and subsequently presented to SC 26 for adoption as an international standard.

Mr. Camp discussed with the JTC 1 TAG some of the liaison issues regarding SC 26, including matters related IEC TC47. He noted that SC 26 has active liaisons with JTC 1/SC1, IEC/TC47, IEC/SC65C, IEC/SC48D, JTC 1 SC22/WG11, JTC 1 SC25/WG4, JTC 1 SC6/WG3.

5.2 SC 7 TAG

Mr. Kurihara, SC7 TAG Secretary, gave a presentation on the work of the SC 7 TAG, Software Engineering, as well as the overall work of SC 7. (His presentation is included as Attachment VI). He briefly discussed the eight working groups of SC 7 and their terms of reference, and described the corresponding SC 7 TAG organization.

Mr. Kurihara discussed with the JTC 1 TAG the jurisdiction issues between ISO TC176 and JTC 1 SC7 involving software engineering standardization. He described the

differences in philosophies, perspectives and procedures. One attempt in 1993 to resolve the differences was a joint meeting attended by the JTC 1 Chairman and the leadership of the two committees. Although agreements were reached in principle, implementations of the recommendations did not occur.

The unresolved liaison issue was discussed at the February 1994 JTC 1 Plenary meeting. Resolution 25 of the plenary requests the JTC 1 Chairman, in consultation with appropriate authorities (ISO/IEC ITTF and ISO), to take appropriate action to discuss and resolve the overlap issues between the two groups.

The JTC 1 TAG agreed that there should be a collaborative effort between the U.S. TAGs for SC7 and TC 176 to assist in the resolution of the problem of the parent committees. The JTC 1 TAG will also participate in this effort.

Mr. Gibson was requested to coordinate this effort.

5.3 SC 14 TAG (X3L8)

Mr. Kenworthy and Ms. Kirkbride, the Chair and IR of X3L8, presented to the JTC 1 TAG a brief overview of the program of work of SC 14, Data Element Principles. (See Attachment VII.) A lengthy discussion of some of the issues related to data representation also occurred.

Of particular interest to the JTC 1 TAG were the issues related to the productivity of SC 14 and its viability. Ms. Kirkbride noted that several projects have progressed to DIS stage (e.g., DIS 7826) or approved (e.g., ISO/IEC TR 9789). Target dates for many of the remaining projects are in late 1994 or early 1995.

The JTC 1 TAG was also interested in discussing the U.S. stakeholders in the activities of SC 14. These include several departments or agencies of the U.S. government as well as private sector companies such as Bell Communications Research. Ms. Kirkbride also noted that the stakeholders in SC 14 seem to be representative of various governments (e.g., Chinese Ministry of Foreign Trade).

The data representation stake holders also participate in Edifact, SC 30 (previously JTC 1/WG 3) and other edi and data modelling activities. Many of these activities have been of interest to JTC 1, and the issue of competing or overlapping activities has generated a question of whether SC 14 should continue.

The JTC 1 TAG noted with satisfaction the increased productivity that was reported.

5.4 Discussion of SC TAG Annual Reports and National Process Issues

Mr. Gibson discussed with the JTC 1 TAG the importance of coordination of management issues between the JTC 1 TAG and SC TAGs. He noted that within the MOA the JTC 1 TAG is charged with certain responsibilities, (e.g., review of SC TAGs annual reports and procedures) which it has not presently been doing.

Discussion ensued. Some JTC 1 TAG members were of the opinion that the review of HoD reports would be a good way to monitor the SC TAGs. It was noted that as part of the SC Chairman reports to JTC 1 Plenary meetings, management issues are addressed. The JTC 1 TAG can monitor issues through these reports. There was no consensus on the value of having subsidiary TAGs report at JTC 1 TAG meetings.

The JTC 1 TAG Administrator will work with Mr. Gibson on the clarification of U.S. TAG assignments for future discussions.

REF: JT/94-0306, 0381

6. Personnel

6.1 Endorsement of Mr. George S. Carson to Serve as Chairman of JTC 1 SC 24 Computer Graphics and Image Processing

The JTC 1 TAG reviewed the documentation submitted by Mr. George Carson and the U.S. TAG to SC 24, and addressed the following motion.

Camp/Loughry

"The JTC 1 TAG endorses the Mr. George S. Carson to be the U.S. National Body nominee to serve as Chairman of the JTC 1 SC 24, Computer Graphics."

Vote on the motion: Unanimous
Motion passes.

The JTC 1 TAG Administrator will forward the endorsement of Mr. Carson to ANSI.

REF: JT/94-0351

7. Report on ITCC Activities

Mr. Oksala, Chair, ITCC presented the estimated ANSI/Information Technology Revenue and Expense budget (JT/94-0394). He noted that the number of Secretariat staff has been reduced and that there has been a positive improvement in expenses. However, there has been no improvement in income.

Mr. Neumann noted that in 1997 there is a projected shortfall of \$141,000. If the U.S. were to take action to drop a secretariat to avoid the shortfall, it must be announced in 1996. Therefore, the JTC 1 TAG must address the issue in 1995.

ITCC's next meeting is in August. That committee will review its assumptions for the future and review the income. At that time, ITCC will determine whether the budget is on target or whether ITCC will have to take action.

REF: JT/94-0394

8. Report of the X3 Ad Hoc Group on Mechanization

8.1 Report of the X3 Ad Hoc Group on Mechanization

Ms. Higginbottom reviewed the progress of the X3 Ad Hoc Group on Mechanization. At its meeting June 7, X3 approved the Request For Information (RFI). It will be sent out in the near future. The ad hoc group has committed to developing and presenting a business plan for mechanization to X3 at its October meeting.

At the last JTC 1 TAG meeting, Ms. Higginbottom was directed to develop a proposed U.S. position on JTC1 mechanization. She reported that this action was overtaken at the June ITCC meeting. ITCC requested the JTC 1 Secretariat to charge ahead with due diligence to have JTC 1 automated as soon as possible. This activity would greatly reduce the expenses ANSI incurs for photocopying and postage. The need to reduce expenses to ANSI IT department is immediate and failure to do so may result in an additional reconsideration about the U.S.-held TAGs.

Since then, the Chairman of JTC 1 and the JTC 1 Secretariat have called a JTC 1 Automation Meeting, June 13-14, 1994, New York. Ms. Higginbottom was requested to serve as the U.S. HoD of Delegation to this meeting. She called an ad hoc group meeting during this JTC 1 TAG meeting to review and further develop the U.S. position for the JTC 1 Automation meeting. The results of that meeting were addressed below under item 8.2.

8.2 Approval of U.S. Positions to the JTC 1 Automation Meeting, June 13-14, 1994, New York

Ms. Higginbottom presented a proposed U.S. position for the JTC 1 Automation Meeting developed by the ad hoc group, and the JTC 1 TAG agreed with the following:

The U.S. encourages activities which enable electronic distribution of information. Actions taken at the meeting should fit within the context of the current U.S. efforts to "mechanize" e.g., X3's current effort, IEEE's SPA system and T1's TIBBS.

8.2.1 Approval of the U.S. Delegation

The JTC 1 Secretariat requested a list of U.S. delegates. The JTC 1 TAG discussed the matter and addressed the following motion:

Hogan/Loughry

"The JTC 1 TAG approves the following individuals to serve as the U.S. delegation to the JTC 1 Automation Meeting, June 13-14, 1994, New York: Ms. Karen Higginbottom and Mr. Jean-Paul Emard."

Vote on the motion: Unanimous
Motion passes.

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

Document JT/94-0336 is a report of the U.S. processing of NP and DIS ballots for the period of February 16, 1994 to May 12, 1994. The report is provided at the request of the JTC1 TAG to serve as a management tool in the review of JTC1 TAG accelerated letter ballots.

Three ballots required action at this meeting.

REF: JT/94-0336

9.1 ISO 9529-1: 1989, Information processing systems - Data interchange on 90 mm (3,5 in) flexible disk cartridges using modified frequency modulation recording at 15 916 ftrad, on 80 tracks on each side - Part 1: Dimensional, physical and magnetic characteristics (Five-year Review)

The JTC1 TAG reviewed the recommended position developed by the responsible U.S. TAG, X3B5. The position included additional comments submitted by Sony which were not included in the recommended position (see JT/94-0397). The JTC 1 TAG addressed the following motion:

Rinehuls/Neumann

"The JTC1 TAG approves the following U.S. position on the periodic review of ISO 9529-1:1989: Information Processing Systems - Data Interchange on 90 mm (3.5 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 15916 ftrad, on 80 Tracks on Each Side - Part 1: Dimensional, Physical and Magnetic Characteristics:

1. *Do you feel that this ISO standard represents the best possible solution for international application at this time?*

• YES

2. *If you compare the technical requirements applied in practice (national and international) with those prescribed in this corresponding ISO standard, would you say that actual practice is consistent with the ISO standard or not?*

• NO

If not, please comment on the nature of, and reasons for, the divergence.

In section 6.1.2, Operation Environment, the upper temperature limit is 51.5 degree and the lower relative humidity limit is 20%. The limit for these parameters was identified by members of major hardware manufacturers and was found to be 60 degrees C and 8% relative humidity.

3. *Are you in favor of*

- **confirmation** of the International Standard for a further period of five years?

- **revision** of the International Standard? If YES, please give reasons.

- **withdrawal** of the International Standard? If YES, please give reasons.

• **Revision**

4. *If the voting results show a need to revise the standard, are you prepared to participate in the development of the project?*

• YES

Vote on the motion: unanimous

Motion passes.

REF: JT/94-0134, 0341

9.2 ISO 9529-2: 1989, Information processing systems - Data interchange on 90 mm (3,5 in) flexible disk cartridges using modified frequency modulation recording at 15 916 ftprad, on 80 tracks on each side - part 2: Track format (Five-year Review)

The JTC1 TAG reviewed the recommended position developed by the responsible U.S. TAG, X3B5, and addressed the following motion:

Neumann/Robinson

“The JTC1 TAG recommends the following U.S. position on the periodic review of ISO 9983:1989: Information Processing Systems - Designation of Unrecorded Flexible Disk Cartridges:

1. *Do you feel that this ISO standard represents the best possible solution for international application at this time?*

• YES

2. *If you compare the technical requirements applied in practice (national and international) with those prescribed in this corresponding ISO standard, would you say that actual practice is consistent with the ISO standard or not?*

• YES

If not, please comment on the nature of, and reasons for, the divergence.

This standard should be revised to include the ED(4MB) Flexible Disk.

3. *Are you in favor of*

- **confirmation** of the International Standard for a further period of five years?

- **revision** of the International Standard? If YES, please give reasons.

- **withdrawal** of the International Standard? If YES, please give reasons.

• **Confirmation**

4. *If the voting results show a need to revise the standard, are you prepared to participate in the development of the project?*

• YES

Vote on the motion: Unanimous
Motion passes.

REF: JT/94-0135, 0341, 0397

9.3 ISO 9983: 1989, Information processing systems - Designation of unrecorded flexible disk cartridges (Five-year Review)

The JTC1 TAG reviewed the recommended position developed by the responsible U.S. TAG, X3B5, and addressed the following motion:

Main/Neumann

"The JTC1 TAG recommends the following U.S. position on the periodic review of ISO 9983: 1989, Information processing systems - Designation of unrecorded flexible disk cartridges:

1. *Do you feel that this ISO standard represents the best possible solution for international application at this time?*

• YES

2. *If you compare the technical requirements applied in practice (national and international) with those prescribed in this corresponding ISO standard, would you say that actual practice is consistent with the ISO standard or not?*

• NO

If not, please comment on the nature of, and reasons for, the divergence.

3. *Are you in favor of*

*- **confirmation** of the International Standard for a further period of five years?*

*- **revision** of the International Standard? If YES, please give reasons.*

*- **withdrawal** of the International Standard? If YES, please give reasons.*

• **Revision**

4. *If the voting results show a need to revise the standard, are you prepared to participate in the development of the project?*

• YES

Vote on the motion: Unanimous
Motion passes.

REF: JT/94-0136, 0341, 0397

The JTC 1 TAG Administrator will forward the U.S. positions to ANSI.

10. Other Business

10.1 Issues Related to JTLB 560

At the October, 1993 JTC 1 TAG meeting, a number of issues associated with JTLB 560 were held in abeyance pending the IEEE evaluation of the merits of proceeding further with the subject standard. Since that time, the status of some of the issues has changed.

For this meeting, the issues have been broken out to review each separately to determine if the item can be closed or what action should be taken.

REF: JT/93-1156, JT/94-0332

10.1.1 Definition of Organization

This issue was brought forth to the JTC 1 TAG by JTPG. The issue was raised when JTPG was preparing text for the revision of the TD-1. The question of JTPG was whether the JTC 1 TAG should establish procedures on voting (e.g., organizational voting, method of voting, criteria for approval) for WC/WG/Project TAGs.

Mr. Jameson, chair of JTPG, reported that the revised TD-1 does not address this issue. However, JTPG does have the issue noted for consideration in the next edition of the TD-1.

Since this issue no longer pertains to JTLB 560, the JTC 1 TAG agreed that it should be dropped from the agenda.

REF: JT/94-0311

10.1.2 Status of JTLB 560, Currently held in Abeyance

The JTC 1 TAG agreed to continue to hold JTLB 560 in abeyance.

REF: JT/94-0332

10.1.3 JTC 1 TAG Administrator Issues Regarding Voting

The JTC 1 TAG Administrator raised a number of issues regarding the procedures for closing letter ballots. These issues (e.g., voting over the telephone) were addressed in the revised TD-1. No further action is required.

REF: JT/94-0311

10.1.4 Jurisdiction Issue

In Mr. Gibson's letter (JT/94-0332) to the JTC 1 TAG regarding the handling of matters pertaining to IEEE 1754 at this meeting, he noted that the only way to resolve the issue of the JTC 1 TAG giving directions to an SC TAG is in the context of a Memorandum of Agreement (MOA) discussion at the ANSI ISSB.

The JTC 1 TAG agreed not to start a debate on the issue, rather the discussion centered on a course of action on how the issue should be raised within ISSB; through individual ISSB members or by the JTC 1 TAG as a group.

The JTC 1 TAG agreed it was a pressing issue which should be addressed by ISSB, however, they agreed that Dr. Pritchard and Mr. Emard could bring it to the attention of ISSB through their TAG Administrators reports.

Mr. Emard will raise the jurisdiction issues regarding the MOA at the next ISSB meeting. This issue will be dropped from the agenda.

REF: JT/94-0197, 0340

10.2 JTC1 TAG Involvement with NII and the ANSI Information Infrastructure Standards Panel (IISP)

Mr. Gibson gave some background on the formation of the IISP. At the March 1994 meeting, Mr. Gibson briefed the JTC 1 TAG on the activities of the ANSI NII Task Force. The IISP originated from an ANSI Task Group on NII which was established to demonstrate to the administration and other governmental bodies the ability of the U.S. voluntary standards system to effectively deliver the standards needed for the National Information Infrastructure.

The JTC 1 TAG considered two actions regarding this panel. First, the JTC 1 TAG considered whether it wanted to be a member of the ANSI IISP. There was some discussion regarding what impact joining this committee would have on the JTC 1 TAG Administrator budget. Mr. Gibson noted that there would be no fee in 1994; however, in 1995 the committee will be funded through a service fee mechanism. At this time, there is no estimate of what amount the fee may be. The JTC 1 TAG considered the following motion:

Camp/Wheeler

The JTC 1 TAG requests the JTC 1 TAG Administrator to notify ANSI that the JTC 1 TAG wishes to establish membership on the IISP.

Vote on the motion: 29-0-2-0
Motion passes.

The JTC 1 TAG agreed to the following individuals to serve as the JTC 1 TAG representatives to the ANSI IISP:

Principal Representative: Mr. Gibson (Mr. Gibson agreed to a short-term commitment).

Alternate Representatives: Mr. Wheeler and the JTC 1 TAG Administrator

[JTC 1 TAG Administrator Note: subsequent to this meeting Mr. Zajackowski who was not present at the meeting, volunteered to serve as the JTC 1 TAG principal representative to the IISP. Mr. Gibson will be identified as an additional alternate.]

REF: JT/94-0342

10.3 Status of the ISO TC on Geographic Information/Geomatics

Mr. Converse reported that ASC X3, at its June meeting, agreed to seek the TAG assignment for ISO TC 211, Geographic Information/Geomatics.

Since this newly established committee did not get placed within JTC 1, this is no longer a JTC 1 TAG item. However, Mr. Converse noted that in the negotiation of the formation of the committee, the possibility was left open for the placement of the committee to be changed (i.e., to JTC 1) in the future. X3 will keep the JTC 1 TAG apprised if this situation should it start to be considered.

REF: JT/94-0265, 0304, 0348

10.4 NIST/Harvard Conference

As Chairman of the JTC 1 TAG, Mr. Gibson was invited to participate in the NIST/Harvard Conference - Standards Development and Information Infrastructure Workshop. He prepared a paper for submission to the conference. It is contained in document JT/94-0386.

Mr. Gibson requested members of the JTC 1 TAG to contact him if they had any comments on the paper that he may incorporate into his presentation at the conference.

REF: JT/94-0386

11. Future Meetings

11.1 1994 Meeting Schedule

The next meeting of the JTC 1 TAG will be held October 5-7, 1994 at CBEMA Headquarters.

11.2 1995 Meeting Schedule

Document JT/94-0344 contains the proposed meeting schedule for 1995. The JTC 1 TAG reviewed the document and agreed to the following 1995 meeting schedule:

February 8-9 - location TBA

May 17-19 - CBEMA

October 18-19 - CBEMA

REF: JT/94-0344

12. Review of Action Items

12.1 The JTC1 TAG Administrator will forward, upon JTC1 TAG approval, the TD-1 to ANSI for review and re-accreditation. (Item 3.2.1, March 1994 minutes)

12.2 The JTC1 TAG Administrator will distribute the procedures for hosting JTC1 SC Plenary Meeting in the U.S. to all U.S. TAGs noting the importance of following these procedures. (Item 8.2, March 1994 minutes)

12.3 The JTC 1 TAG Administrator will notify the representatives from Compaq Computer Corporation that failure to attend the October meeting will result in the termination of their membership. (Item 1.2, June 1994 minutes)

12.4 The TD-1 Project Editor will change the reference to Robert's Rules to read the latest edition. (Item 3.1.1, June 1994 minutes)

12.5 The TD-1 Project Editor will change the title of the TD-1 to the U.S. TAG to JTC 1. (Item 3.1.1, June 1994 minutes)

12.6 The TD-1 Project Editor will incorporate the newly approved procedures for hosting international meetings in the U.S. into the TD-1. (Item 3.1.2, June 1994 minutes)

12.7 JTPG will place the hosting of international meetings on the issues list for the next edition of the JTC 1 TAG TD-1. (Item 3.1.2, June 1994 minutes)

12.8 JTPG will place the two-thirds definition on the issues list for the next edition of the JTC 1 TAG TD-1. (Item 3.1.2, June 1994 minutes)

12.9 The TD-1 Project Editor will revised the TD-1 to reflect the changes made in the approved disposition of comments. (Item 3.1.3, June 1994 minutes)

12.10 The JTC 1 TAG Administrator will forward JT/94-0391R to ANSI as the U.S. position to JTC 1 N 2888. (Item 3.1.4, June 1994 minutes)

12.11 The JTC 1 TAG Administrator will forward JT/94-0392R to ANSI as the U.S. position on N2891 Rev. (Item 3.1.5, June 1994 minutes)

12.12 The JTC 1 TAG Administrator will notify with Mr. Robichaux of the U.S. positions developed on JTC 1 WG/DFS and API. (Item 3.3, June 1994 minutes)

- 12.13 The JTC 1 TAG Administrator will forward the list of unassigned standards to the appropriate U.S. SC TAGs for consideration of maintenance responsibility. (Item 4.1.1, June 1994 minutes)
- 12.14 Mr. Camp will forward to the JTC 1 TAG any SC 26 and SC 26 TAG positions on Resolution 17. (Item 4.1.2, June 1994 minutes)
- 12.15 The JTC 1 TAG Administrator will forward the U.S. position on API to ANSI (Item 4.1.6, June 1994 minutes) (Item 3.1.2, June 1994 minutes)
- 12.16 The JTC 1 TAG Administrator will notify the JTC 1 Secretariat that the U.S. wishes to establish P-membership on JTC 1 SC 30. (Item 4.1.3, June 1994 minutes)
- 12.17 The JTC 1 TAG Administrator will communicate to DISA the JTC 1 TAG action taken regarding SC 30. (Item 4.1.3, June 1994 minutes)
- 12.18 Mr. Oksala will make the approved changes to JT/94-0266 and forward it to the JTC 1 TAG Administrator for forwarding to ANSI by the June 30, 1994 deadline. (Item 4.1.4, June 1994 minutes)
- 12.19 The JTC 1 TAG Administrator will notify ANSI of the change in strategic planning rapporteurs. (Item 4.1.4, June 1994 minutes)
- 12.20 Mr. Gibson will contact Mr. Cargill regarding the position of strategic planning Rapporteur. (Item 4.1.4, June 1994 minutes)
- 12.21 The JTC 1 TAG Administrator will forward the U.S. position contained in document JT/94-0370 to ANSI. (Item 4.1.6, June 1994 minutes)
- 12.22 The JTC 1 TAG Administrator will forward the U.S. position contained in JT/94-0240 to ANSI. (Item 4.1.7, June 1994 minutes)
- 12.23 Mr. Hill will convene an Ad Hoc Group on the SC22 Secretariat if necessary. (Item 4.2.3, June 1994 minutes)
- 12.24 The JTC 1 TAG Administrator will forward the list of U.S. Delegates to the JTC 1 Plenary to ANSI. (Item 4.2.5, June 1994 minutes)
- 12.25 Mr. Gibson will write to the TC 176 TAG requesting a coordination meeting. (Item 5.2, June 1994 minutes)
- 12.26 The JTC 1 TAG Administrator will work with Mr. Gibson on the clarification of U.S. TAG assignments. (Item 5.4, June 1994 minutes)
- 12.27 The JTC 1 TAG Administrator will forward the U.S. nomination of Mr. Carson to serve as SC 24 Chairman (Item 6.1, June 1994 minutes)
- 12.28 The JTC 1 TAG Administrator will forward the U.S. position on the five-year reviews under agenda item 9.1, 9.2 and 9.3 (Item 9, June 1994 minutes)
- 12.29 Mr. Emard will raise the jurisdiction issues regarding the MOA at the next ISSB meeting. (Item 10.1.4, June 1994 minutes)
- 12.30 The JTC 1 TAG Administrator will notify ANSI that the JTC 1 TAG wishes to establish membership on the ANSI IISP. (Item 10.2, June 1994 minutes)
- 12.31 All JTC 1 TAG members will review the JTC 1 N documents received for the October JTC 1 Plenary and where applicable, prepare proposed U.S. position papers for review by the JTC 1 TAG.

13. Adjournment

The JTC 1 TAG unanimously approved a motion to adjourn (Converse/Loughry) at 11:45 AM, on Friday, June 10, 1994.