ISO/IEC JTC1/SC22

N576

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the First Meeting of
ISO/IEC JTC1/SC22AG held in
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ACTION: For review and action as appropriate
by SC22 Member Bodies.

Recommendations from ISO/IEC JTC1/SC22 AG Meeting

Recommendation 1:   Submission of SC22 Project Status Lists and Meeting
                     Calendars

SC22AG urges its WG conveners to supply the SC22 Secretariat, with up to
date information on the status of each of the projects as assigned to
them.

SC22AG urges its WG conveners to supply the SC22 Secretariat with an
exact calendar of planned meetings.

This information should be submitted to the Secretariat not later than
November 15, 1988 and updated as necessary thereafter.

Unanimous

Recommendation 2:   Progress of SC22/WG Project JTC1.22.02

SC22AG

-    Understands and shares the WG5 sense of urgency that a revised
     Fortran standard be produced as soon as possible.

-    Urges WG5 and ANSI to make every effort to secure synchronization
     of the international and US national versions of the proposed
     Fortran standard.

-    Urges ANSI to make every effort to adhere to the schedule outlined
     in Resolution 5: Revised Fortran Standard, of N559: Final Report
     from SC22/WG5 - Fortran, to the SC22AG meeting; at a minimum a
     draft revision of the Fortran standard is requested in time for
     circulation for SC22 ballot prior to the WG5 meeting scheduled for
     July 1989.

-    Urges ANSI to make every effort to provide for all of the
     requirements stated in Resolution 2: Revision of DP1539, of N 559
     in the proposed draft Fortran standard.

Unanimous

Recommendation 3:   WG Conveners Attention to SC22 Published Documents

SC22AG urges each Working Group Convener to review with their WGs the
implications and application of the following documents:

-    Guidelines for the preparation of Programming Language Standards.

-    Test Methods for Programming Language Processors.

-    Language Binding Techniques.

Unanimous

Recommendation 4:   Distribution of Working Documents

1.   SC22AG directs the SC22 Secretariat to remind Working Group
     Conveners that they must follow the rules for distribution of
     Working Group documents contained in SC22 N190, in particular one
     copy of all such documents must be sent to:

     -    the P Member Bodies of SC22.

2.   Member bodies, which hold WG secretariat, are urged to ensure that
     their Conveners are provided with correct names and addresses of
     member bodies. Members bodies are further reminded that they have
     a responsibility to ensure that Working Group Conveners and the
     SC22 Secretariat are informed of changes in names and address of
     designated experts.

Unanimous

Recommendation 5:   Response to JTC1/SC22/WG5

SC22AG notes resolution P1: Letter concerning International Fortran
Standard, in document JTC1/SC22 N559 and expresses its concern that a
situation has developed in the standardization of Fortran which led to
the adoption of such a resolution. SC22AG acknowledges with gratitude
the steps which have been taken previously by the US Member Body to
impress upon those concerned, the importance of alignment of national
and international standards, and requests the US Member Body to take
whatever further steps they feel necessary to meet the concerns
expressed in the WG5 resolution.

Abstain (USA)

Recommendation 6:   WG5 Liaison to US National Fortran Committee

SC22AG recognizes and supports the initiative of WG5 as stated in SC22
N559 Resolution P6: WG5 representation at X3J3 meeting, to appoint
Mr. G. Schmitt, as its liaison representative to the next meeting of the
US National Fortran Committee.

Unanimous

Recommendation 7:   Withdrawing ECMA 127 - RPC Basic Remote Procedure
                     Call Using OSI Remote Operations from fast-track
                     processing

SC22AG recommends that the SC22 Secretariat transmit to JTC1 the WG11
report (SC22 N567), concerning the submission of ECMA-127 under the
fast-track procedure, with the recommendation that ECMA-127 be withdrawn
from the fast-track processing pending resolution of the issues
identified in the WG11 report and that JTC1 Member Bodies be informed of
the SC22/WG11 position.

Unanimous

Recommendation 8:   Start dates for balloting periods

SC22AG recommends that the SC22 Secretariat make a judicious choice of
start date for ballot periods bearing in mind the problems outlined in
SC22 N505: Proposal to extent DP Ballot period, concerning the length
of time for DP balloting period.

Unanimous

Recommendation 9:   Synchronization of SC22/ANSI Activities

SC22AG appreciates the contribution of the US member body in SC22 N555:
USA Contribution to SC22 on: Synchronization of JTC1/ANSI Activities,
and recommends that SC22 Secretariat distributes this document to WG
Conveners with a request for review and comment by the Working Groups,
in particular noting any situations of difficulty.

Unanimous

Recommendation 10:   Publication of Guidelines

SC22AG recommends that the SC22 Secretariat communicate with JTC1
requesting that the JTC1 Directives make specific provision for a type
of Technical Report for the publication of Guidelines.

Unanimous

Recommendation 11:   Implementation of Validation and Conformity TR's in
                     SC22

SC22AG recommends that the SC22 Secretariat initiate an SC22 letter
ballot on the proposal contained in SC22 N560: Report from SC22/WG12 -
Conformity and Validation to the SC22AG meeting, to assign a new task to
WG12 to provide advisory support to SC22 WG's.

Unanimous

Recommendation 12:   One-year Interval Plenaries

SC22AG recommends that a SC22 letter ballot, proposing that SC22 plenary
meetings be held at one-year intervals and requesting volunteer hosts
for the 1990 and 1991 resulting plenary meetings if the proposal is
approved, be sent to SC22 Member Bodies for voting.

Abstain (UK)

Recommendation 13:   Ad Hoc Group on Character Handling Requirements

SC22AG recommends that the SC22 Chairman establish an ad hoc group, to
be convened by Mr. Genuys as interim convener, for the purpose of
synthesizing the issues raised in the various SC22 documents, concerning
character handling requirements in programming languages, into a single

comprehensive document and proposing, for Member Bodies consideration, a possible framework for future work in the area. The AG recommends that a first draft of this document be made available to SC22 Member Bodies and WG Conveners by January 1989 and that a first meeting of the Ad Hoc Group be held in Paris, March 6-8, 1989.

Unanimous

Recommendation 14:   Character Sets in Programming Languages

SC22AG recommends that the SC22 Secretariat remind Working Group Conveners of Resolution 86 in SC22 N406: Resolutions adopted at the Second Plenary Meeting of SC22, concerning handling of character sets in future standards. The SC22 Secretariat is requested to call their attention to SC22 documents N519, N540, N558, N571 and N572 for consideration in the Working Group deliberations.

Unanimous

Recommendation 15:   NWI, Ada/SQL

In reference to the results of the NWI ballot, contained in document JTC1 N162, SC22AG recommends that the SC22 Secretariat advise SC21 and the JTC1 Secretariat that, in consideration of the requirement for Ada expertise to develop the Ada/SQL Interface, as defined in the NWI proposal, it is essential that the work be done in SC22/WG9 - Ada, with the assistance of Database experts from SC21/WG3.

Abstain (USA)

Recommendation 16:   Posix

In consideration of the letter ballot, contained in SC22 N545 for the division of project JTC1.22.21, SC22AG recommends that the WG15 Convener be asked to prepare an informal document on the subject of the total POSIX environment, showing the relationship of the proposed subdivision to the scope of the approved project. This document should be distributed to SC22 Member Bodies before the ballot closing date of January 13, 1989.

In the event that there is Member Body support for the proposed security sub-project, SC22AG advises that WG15 may use its discretion in the appropriate internal organization of that work, if necessary by forming a Rapporteur Group.

Unanimous

Recommendation 17:   Synchronization of C Standards (WG14)

SC22AG requests the Secretariat to communicate its concern to WG14 and the US Member Body to ensure that the utmost is done to ensure synchronization of activities and the production of a common Standard for C, urging that every effort be made to accommodate WG14 comments.

Unanimous

Recommendation 18: NWI Consultative Ballot

The SC22AG recommends to the Secretariat that any comments accompanying an SC22 consultative ballot on NWIs be communicated, to the Member Body or Working Group proposing the item, for consideration in the further processing of the NWI. Further, that the SC22 Secretariat modify the form of the NWI consultative ballot to capture Member Body's intentions with regard to their willingness to participate in the proposed work.

Unanimous

Recommendation 19: Potential NWIs for SC22

SC22AG recommends that the SC22 Secretariat issue a consultative letter ballot to determine support for NWI, for:

- MUMPS
- SmallTalk
- FORTH

This letter ballot should offer National Bodies a choice with regard to procedures; "Fast Track"/normal Working Group, as well as an indication of National Body's active participation in standardization activities which may arise from this ballot.

Unanimous

Recommendation 20: Vienna Development Method (VDM)

SC22AG recommends to the SC22 Secretariat that the NWI proposed on VDM Specification Language, contained in JTC1 N245, be revised, taking into account the comments received from Member Bodies and resubmitted to JTC1 for approval. It is further recommended that the Secretariat, in resubmitting the NWI to JTC1, indicate that:

1. It is intended to do the bulk of the work by mail.

2. Is being used successfully in the development of the Programming Language standards.

3. The NWI has been restructured taking into account the JTC1 Recommendation on the use of Formal Description Techniques (FDT) as contained in JTC1 N152 (SC22 N483).

4. Based on points 1-3 above, it was the view of Member Bodies present at the SC22AG meeting that re-balloting would result in acceptance of the NWI.

Unanimous

Recommendation 21: C + +

The SC22AG recommts that the Secretariat ask the SC22 WG14 Convener to
solicit the views of its experts on the desirability of initiating
standardization activities on the Language C + +, and to transmit these
views to the Secretariat by April 1989. The SC22AG further directs the
SC22 Secretariat to inform Members Bodies of this initiative and asks
for their views on this subject.

Unanimous

Recommendation 22: Joint Meeting - SC22/SC2/SC21/WG's

SC22AG recommends that the SC22 Chairman inform SC18 (Mr. Smura) of the
steps taken at the SC22AG meeting, and decline SC22 participation in a
joint meeting of SC2/SC18/SC22 as proposed in SC22 N532: Proposed
meeting of SC2, SC22 and SC18 to discuss the multi-byte character set
issue. It is further recommended that the SC22 Chairman organize a
joint meeting of SC2 and SC22 (as proposed in SC22 N509) and of
SC21/WG3 - Database, to review the overall situation concerning
character handling in Programming Languages. This meeting should be
scheduled for April-May 1989.

Unanimous

Recommendation 23: Liaison with SC's 21, 2 and 1

SC22AG directs the SC22 Secretariat to solicit Members Bodies for
nominees to serve as SC22 liaison to SC21, SC2 and SC1, respectively.

Unanimous

Recommendation 24: IFIP TC-2 Liaison

SC22AG requests the Chairman to attempt, again, to establish liaison
with IFIP TC-2, Programming Languages.

Unanimous

Recommendation 25: Resolution of comments on SC22 N478

SC22 thanks Mr. Meek for the care taken in considering and responding to
the comments on N478: Proposed DTR on Guidelines for the Preparation of
Programming Language Standard. The AG urges all concerned that they
keep in mind the objective of achieving the broadest possible support in
order to secure early publication of the Technical Report.

SC22AG draws attention to N533: Project Editor's proposed responses to
comments received on N478, as an aid to completion of the project and
requests the project editor to use his best efforts to submit the
document in its final form by 30 April 1989.

Unanimous

Recommendation 26:   Appreciation

SC22AG thanks Mr. G. Schmitt for his excellent presentation on character set handling in FORTRAN.

With applause

Recommendation 27:   Appreciation to SC22 Secretary

SC22AG expresses its appreciation to Joseph Côté - SC22 Secretary, for his written Secretariat Report, JTC1/SC22 N549.

Recommendation 28:   SC22AG Appreciation for Meeting

SC22AG expressed it appreciation to:

- the meeting organizers

> Mr. Akio Saitoh
> Dr. Ikuo Nakata
> Mr. Eiji Tokunaga
> Ms. Ryoko Kato
> Ms. Junko Shibuya
> Ms. Mariko Takeuchi

for the excellent dinner arrangements and for their help to the committee.

> Mr. Robert Kearney

for the way he has conducted the meeting.

> the Vice Chairman, Mr. Holka for his participation.

- the Drafting Committee

> Mr. Isak Korn (chairperson)
> Ms. Mabel Vickers
> Mr. Bertrand Leroy
> Mr. Jan van Katwyk
> Dr. Roger Henry

With Applause