

RESOLUTIONS OF THE WG5 MEETING ON 27 TO 31 JULY 1992 IN VICTORIA, BRITISH COLUMBIA, CANADA

V1. Convenorship of WG5

That WG5 congratulates Jeanne Martin on her reappointment as WG5 convenor at the 1991 SC22 meeting.

Passed by Unanimous Acclaim

V2. Representation at SC22 meeting

That WG5 appoints Dick Hendrickson to represent the WG5 convenor at the SC22 meeting to be held at Tampere, Finland on August 24 to 28, 1992.

Unanimous Acclaim

V3. Activities on Parallel Computing

That WG5 requests the US delegation to SC22 to report to SC22 at its August 1992 meeting on developments of Fortran for parallel computing, and requests Maureen Hoffert to provide the delegation with relevant background information.

Unanimous Acclaim

V4. Russian Language Version of ISO 1539:1991

That WG5 recommends that SC22, after consultation with the Russian member body, request the ISO Central Secretariat to publish the existing Russian translation of ISO 1539:1991 expeditiously and at cost.

Individual vote: 27 yes - 2 no - 0 abstain

Country vote: 5 yes - 2 no - 0 abstain

V5. Maintenance Procedures for SC22

That WG5 advises SC22 that it intends to produce clarifications, corrections and interpretations for the International Fortran Standard as a unified document, namely an ISO Technical Corrigendum. WG5 believes that this is consistent with the procedures for the maintenance of JTC1 standards, as defined in the Proposed Second Edition of the JTC1 Directives (JTC1-N1838) [WG5-N788]. Further, WG5 believes that such a unified document will best serve the Fortran community, whilst making the most effective use of the resources available for the maintenance and development of Fortran standards.

Unanimous Acclaim

V6. Strategic Plan for Fortran Standardization

That WG5 adopts the Strategic Plan for Fortran Standardization specified in WG5/N820a, which becomes WG5 Standing Document 4.

Individual vote: 27 - 0 - 2

Country vote: 4 - 0 - 1

V7. Appointment of Editor for Database of Suggested Requirements

That WG5 appoints Ivor Philips to be the Editor of the database for functional needs and suggested requirements for future revisions of the Fortran standard.

Individual vote: 22 - 3 - 3

Country vote: 4 - 1 - 0

V8. WG5 Management Committee

That WG5 establishes a management committee, as defined in the Strategic Plan for Fortran Standardization, consisting of a representative from the Canadian, German, Japanese, UK and US member bodies and the primary development body.

Unanimous Acclaim

V9. Primary development body for Fortran

That WG5 records its intent, as described in WG5 Standing Document 4 (N820a) "Strategic Plan for Fortran Standardization", to produce a near-term revision of the international Fortran standard. This revision will incorporate corrections, clarifications and interpretations to the Fortran 90 standard and possibly selected new features particularly needed to be responsive to current needs in a timely fashion. To meet the schedule outlined in N820a, development of this revision must begin by midyear 1993 and proceed according to ISO rules without undue distraction. Therefore, WG5 requests SC22 to invite X3J3 to act as primary development body, as described in N820a, for this revision on the condition that the work proceed under X3 I-Project rules and that such a project be established by June 30, 1993. Should this condition not be fulfilled, WG5 records its intent to appoint a task group to act as primary development body for the next revision of the international Fortran standard.

Individual vote: 28 - 1 - 0

Country vote: 5 - 0 - 0

V10. Identification of Defect Report Index for Fortran 90 Maintenance

That WG5 adopts X3J3/S20 as the Defect Report Index for Fortran (IS 1539:1991) as prescribed in the JTC1 draft directives (N1838) [WG5-N788].

Unanimous Acclaim

V11. Appointment of Editor for ISO Correction Document

That WG5 requests that SC22 to appoint Andrew Tait as Defect Editor for Fortran (ISO/IEC 1539:1991).

Individual vote: 27 - 1 - 1

Country vote: 5 - 0 - 0

V12. Defect Reporting

That WG5 records its thanks to Tom Lahey for operating informally as the liaison for handling defect reporting between WG5 and X3J3, and it requests member bodies to refer future defect reports directly to the Defect Editor.

Unanimous Acclaim

V13. Processing of Maintenance Material for the International Fortran Standard

That WG5 establishes the following procedures for maintenance of the international Fortran standard:

- that X3J3, following its November 1992 meeting, forward to WG5 those items of the Defect Report Index that it considers completed for processing as an ISO Technical Corrigendum;
- that WG5 hold a letter ballot on these items; the disposition of items not approved unanimously is at the convenor's discretion;
- that WG5 directs its convenor to forward accepted items to the SC22 secretariat for further processing;
- and that this procedure be repeated following the August 1993 X3J3 meeting.

Individual vote: 28 - 1 - 0

Country vote: 5 - 0 - 0

V14. Guidelines for Bindings to Fortran 90

That WG5 thanks the UK member body for producing the first draft of the Guidelines for Bindings to Fortran (WG5-N776) and asks that they further develop the document as indicated at this WG5 meeting.

Unanimous Acclaim

V15. Other Fortran Groups

That WG5 notes the growing interest and activities of other groups concerned with development of Fortran (for example HPFF, POSIX, X3H5) and encourages its members to become involved with their activities and to liaise with WG5.

Unanimous Acclaim

V16. Appreciation of Jeanne Adams

That WG5 expresses its most sincere appreciation to Jeanne Adams for her services as Chair of X3J3 during the entire development of the Fortran standard (1977-1992) and her many other contributions to voluntary standards activities, including chairing meetings of WG5 and its parent body.

Unanimous Acclaim

V17. Appreciation of Technical Contributions

That WG5 records its thanks to X3J3 for work on maintenance of the international Fortran standard, to Lawrie Schonfelder and the German member body for their development of the Varying Length String Module and to the German member body for providing the rationale for the Varying Length String Module.

Unanimous Acclaim

V18. Vote of Thanks for Support

That WG5 thanks the following organizations and individuals for generously supporting the meeting:

IBM Canada
Hewlett Packard
Le Comte Winery
Barrodale Computing Services
University of Victoria Computer Science Department
Sun Microsystems
B.C. Systems Corporation
Vancouver Island Advance Technology Center

Principal of RRMCMC, Dr John Mothersill
Staff of Royal Roads Military College
PO2 M. Boyd
PO2 D. Corneliuson
PO J.E.B. Butler-Smythe
Cpl G.S. Conway

Unanimous Acclaim

V19. Vote of Thanks

That WG5 wishes to express its appreciation to the Convenor (Jeanne Martin), the vice chair (Bert Buckley), the secretary (Mike Roth), the librarian (Fausto Milinazzo), the drafting committee and the host (Royal Roads Military College) for their contributions to the success of the meeting.

Further that WG5 wishes to thank Bert Buckley and Fausto Milinazzo for their highly successful organization of the local arrangements and social events.

Unanimous Acclaim