

**RESOLUTIONS OF THE WG5 MEETING ON 6 TO 10 NOVEMBER 1995
IN SAN DIEGO, CALIFORNIA**

Resolutions S1 to S15 were passed by unanimous consent, S16 and S17 by unanimous acclaim.

S1. Convenor of WG5

That WG5 congratulates Miles Ellis on being appointed WG5 convenor following the SC22 ballot on the convenorship.

S2. Liaison with SC24/WG5 (Graphics)

That WG5 appoints John Reid as its liaison to SC24/WG5 (Graphics).

S3. Revised Strategic Plan

That WG5 adopts document WG5-N1151 as its revised strategic plan and WG5-N1152 as the revised procedures for processing technical reports of type 2.

S4. Appreciation of X3J3

That WG5 expresses its most sincere appreciation to X3J3 for progressing development of the draft Fortran 95 document ahead of the schedule in the Fortran strategic plan; in particular it expresses thanks to Richard Maine for his sterling work as editor and to Janice Shepherd for so effectively leading the Fortran 90 maintenance project.

S5. Content of Fortran 95 DIS

That WG5 intends to submit a draft revised standard for Fortran for DIS ballot in February 1996, the content of which will be document WG5-N1122, as amended by document WG5-N1153.

Further, WG5 endorses the procedure described in WG5-N1160 for incorporating edits arising from defect items into the Fortran 95 DIS and gives the Project Editor licence to make those additional editorial changes which may be necessary to ensure the consistency of the document.

S6. Technical Corrigendum 3

That WG5 intends to produce a third, final, Technical Corrigendum for the current Fortran standard in February 1996, the content of which will be as described in document WG5-N1161.

All corrections in this Technical Corrigendum will be incorporated in the Fortran 95 DIS before submission to SC22. Publication of resolved defects is necessary since the Fortran 90 standard may be the basis of legal or other contractual requirements.

S7. Maintenance Body for Fortran 95

That WG5 invites X3J3 to act as maintenance body for Fortran 95.

S8. Requirements for Fortran 2000 Revision

That WG5 adopts document WG5-N1155 as a first detailed specification of the content of the 2000/2001 revision of Fortran and requests member bodies to submit any further requirements to the convenor no later than 15 March 1996.

S9. Handling Floating Point Exceptions

That WG5 confirms its intent to produce a Technical Report before March 1997 on handling floating point exceptions in Fortran with John Reid as Project Editor. The proposed content of this technical report will follow the direction outlined in document WG5-N1149.

S10. Interoperability with C

That WG5 confirms its intent to produce a Technical Report before March 1997 on interoperability with C and nominates Michael Hennecke as Project Editor in place of Miles Ellis. WG5 encourages the development body to monitor the developments of HPFF and the ISO C language committee in this area.

Further, WG5 instructs its convenor to inform SC22 of the change of Project Editor.

S11. Data Type Enhancements

That WG5, following SC22 resolution 95-5, intends to produce a Technical Report before March 1997, with Malcolm Cohen as Project Editor, on allocatable components, allocatable dummy arguments and allocatable function results. Further, WG5 encourages the technical report development body to assist Steve Morgan in refining the proposals for enhancing parameterized derived types for consideration at the next WG5 meeting.

Further, WG5 instructs its convenor to inform SC22 of this change of scope.

S12. Conditional Compilation in Fortran

That WG5 intends to produce a new part of the Fortran standard to address the needs of the Fortran user community for conditional compilation.

WG5 accepts the offer of the US member body to nominate David Epstein as project editor and requests him to form a development body and to produce alternative proposals in this area for consideration at the next WG5 meeting.

S13. Interval Arithmetic

That WG5 is aware of interest amongst scientific programmers in the area of interval arithmetic, thanks Baker Kearfott and DIN for bringing this to the attention of the committee, and invites Baker Kearfott in conjunction with other members and member bodies to make proposals for further action, including specification of requirements.

S14. Development Body for Fortran 2000 Revision

That WG5 invites X3J3 to act as development body (the "primary development body") for the 2000/2001 revision of Fortran.

S15. Electronic Distribution of Documents

That WG5 establishes the principles for electronic distribution of WG5 documents outlined in WG5-N1154.

S16. Vote of Thanks for Support for Meeting

That WG5 thanks the US member body, and most especially individual members of X3J3, and General Atomics for generously supporting the meeting.

S17. Vote of Thanks

That WG5 wishes to express its appreciation to the convenor (Miles Ellis), the secretary (Malcolm Cohen), the librarian (Kurt Hirschert), the drafting committee and particularly the host (Ted Terpstra) for their contributions to the success of the meeting.

Further that WG5 wishes to thank the staff of the Ramada Inn for their willing cooperation throughout the meeting.