ISPRA WG5 MEETING RESOLUTIONS

		Country Yes-No-Abst.	Individual Yes-No-Abst.
I1	**Second DP1539**	10 - 0 - 0	30 - 0 - 0

That WG5 recommends that the SC22 Secretariat adopt ANSI X3J3 adopt ANSI X3J3 document S8.112 as the second DP1539 for voting by the national member bodies of SC22.

I2	**Accompanying Document**	7 - 1 - 2	14 - 8 - 7

That WG5 recommends to the SC22 Secretariat that a suitable change/rationale document, provided by the Convenor of WG5, be distributed with the second DP1539.

I3	**Closing Date of SC22 Ballot**	10 - 0 - 0	29 - 0 - 0

That WG5 requests SC22 to schedule the ballot on the second DP1539 to close on January 19, 1990 in order to give the US member body sufficient time to process the input from its national review in order to achieve synchronization of the US and international Fortran standard.

I4	**Technical Content of Draft Proposed Fortran**	10 - 0 - 0	28 - 0 - 1

That WG5, despite its preference for some changes in the technical content of the draft, strongly requests X3J3 that, in the interest of timely adoption of a new Fortran standard, no further changes be made with the exception of correcting errors and inconsistencies.

I5	**One Standard**	9 - 0 - 1	25 - 3 - 2

That WG5 intends that the draft proposed Fortran standard become the sole international Fortran standard and that there be no subset.

I6	**Unrestricted Availability of Draft Proposed Fortran**	10 - 0 - 0	29 - 1 - 0

That WG5 strongly urges SC22 and its member bodies that the draft proposed international Fortran standard be treated as a public document that may be copied, published, and distributed without restriction in order to ensure the widest possible exposure and comment.

I7	**Procedures and Milestones for the Revised Fortran Standard**	10 - 0 - 0	30 - 0 - 0

That WG5's primary concern is the timely release of a universally acceptable Fortran revision. Therefore WG5 establishes the following procedures and milestones.

July 13 1989	WG5 approves S8.112 for balloting within SC22 as second DP1539

(July 17-21 1989	X3J3 creates standing document S18 containing corrections and editorial changes to S8.112)	
(July 27-Nov 24 1989	US public review of S8.112)	
Sept 1989-Jan 19 1990	SC22 ballot on second DP1539	
Oct 2 1989	WG5's proposed corrections and editorial improvements to the second DP1539 distributed by the Convenor to X3J3's four subgroups for incorporation into S18. WG5 heads of delegations are requested to separate their submissions into sections based on the areas of responsibility of the subgroups (*).	
Nov 13-Dec 18 1989	WG5 informal letter ballot on S18	
(Nov 24 1989	Conclusion of US public review)	
(Jan 8-12 1990	X3J3 meeting to determine US position on the second DP1539)	
(Jan 18 1990	US vote on SC22 ballot, accompanied by S18, forwarded to SC22)	
Jan 19 1990	SC22 ballot concludes	
Feb 1990	SC22 ballot results distributed to WG5 in order to obtain WG5's recommendations for further processing	
August 13-17 1990	WG5 meeting in the Netherlands	

(*)   subgroups handle (a) sections 1-3,7,14, appendices A,B,C; (b) sections 4-6 and appendix C; (c) sections 8-10 and appendix C; (d) sections 11-13 and appendix C.

I8   Development of Standards   9 - 0 - 1   28 - 1 - 1

That WG5 asks its convenor to advise SC22 that serious scheduling conflicts have occurred in the development of DP1539 simultaneously as an international and a national standard and asks SC22 to reconsider the mechanism for future language standard development.

		VOTE:	
		Country Yes-No-Abst.	Individual Yes-No-Abst.

I9 Varying Character Module   6 - 0 - 4   20 - 3 - 7

That WG5 requests SC22 to subdivide Project JTC1.22.02 Fortran into
JTC1.22.02.1   Revision of ISO1539
JTC1.22.02.2   Varying character module

As a first draft for Project JTC1.22.02.2, WG5/N418 can be used.

I10 Arbitrary Character Sets in Identifiers   8 - 0 - 2   26 - 0 - 3

That WG5 notes that with the KIND parameterization mechanism, the
second DP1539 supports arbitrary character sets for character data.
It is desirable that the capability of using arbitrary character
sets be extended at a suitable time to programmer-specified
identifiers in Fortran programs.

WG5 acknowledges the activities in SC2 and SC22 that are being
initiated in this area, and asks that such work proceed as rapidly
as possible. WG5 believes that it is important that international
standards which will allow arbitrary character sets in programmer-
specified identifiers be well defined prior to incorporation into
programming languages in order to avoid incompatibility with other
standards under development.

I11 Removal of Arbitrary Character Sets in Identifiers   7 - 1 - 2   21 - 6 - 2

That WG5 believes that X3J3 erred in prematurely permitting the use
of arbitrary character sets in identifiers. Therefore, WG5 strongly
requests that X3J3 remove this facility in order to avoid incompati-
bility with other standards under development.

I12 Character Literals   7 - 0 - 3   23 - 1 - 6

That WG5 believes that the difference in the rules governing character
literals in fixed and free source form is an inconsistency that should
be removed.

I13 References to National Standards   UNANIMOUS

That WG5 urges X3J3 to

a)   delete the unnecessary reference to MIL STD 1753 from the
     main body of the standard

b)   add a note to the standard, explaining the relationship
     between X3.4-1986 and ISO 646:1977.

I14   WG5 Representation at X3J3   UNANIMOUS

That WG5 commission Gerhard Schmitt, as a member of X3J3, to
continue to attend (or to appoint an alternate to attend) as
many meetings of X3J3 as possible, and to continue to represent
WG5 opinion.

I15   WG5 Delegation at SC22 Meeting   UNANIMOUS

That WG5 commission Andy Johnson or Gerhard Schmitt as alternate
to represent the WG5 Convenor at the SC22 meeting September 20-22,
1989.

I16   Appreciation of X3J3   UNANIMOUS

That WG5 thanks most warmly the chair, office-bearers and members
of X3J3 for their work in developing DP1539 and records its appreci-
ation of the vast amount of freely given time and expertise which
has contributed to this project.

I17   Appreciation of Secretary   UNANIMOUS

That WG5 wishes to express its appreciation to John Wilson for
serving as secretary at the 1988 meeting.

I18   Appreciation for Testing of Examples   UNANIMOUS

That WG5 expresses its appreciation to the members of the "Alvey
Software Engineering Portable Package Framework/Fortran 8x Tools"
Project for testing the sample programs and program fragments in
the second DP1539 and for reporting the suggested changes in
document WG5/N422.

I19   Appreciation for Electronic Mail Network   UNANIMOUS

That WG5 expresses its appreciation to Gerhard Schmitt and Kurt
Hirchert for establishing and maintaining electronic mail
distribution systems for WG5 and X3J3.

I20   Vote of Thanks for Support   UNANIMOUS

That WG5 thanks those companies which have generously contributed
financial support to the success of the meeting, viz:

            Amdahl Italia
            ATEL
            CISI Italia
            Convex Italia
            IBM Italia

I21   **Vote of Thanks**   UNANIMOUS

That WG5 wishes to express its appreciation to the Convenor
(Jeanne Martin), the host (Aurelio Pollicini), the Secretary
(Fausto Milinazzo) and to JRC and its staff who have contributed
to the success of the meeting, and to the JRC Cultural Committee
for organizing the social events.