

June 20, 1994

TO: ISO/IEC JTC1/SC22/WG5 Members
FROM: Jeanne Martin, Convenor
SUBJECT: Objectives of the 1994 Meeting

The primary objectives of the meeting are:

- Determine final requirements for Fortran 95
- Determine initial requirements for Fortran 2000
- Approve Draft Corrigendum 2 for final processing
- Review comments returned with DIS ballot on varying strings, prepare disposition of comments report, and determine final processing of the draft standard

Other objectives are to monitor the progress of the Fortran 95 draft, make a recommendation on the withdrawal or reconfirmation of IRTF, and appoint a defect editor and a repository editor.

Fortran 95 The proposals that X3J3 has approved for Fortran 95 can be found in X3J3/94-009 (**N995**). Two of the proposals in N995 are more recent versions than those approved by X3J3 at its last meeting; they are numbers 009 (CPU time) and 012 (Enable). X3J3 is conducting a letter ballot on the draft edits for 007 (Language evolution). The results of the ballot will be known before the WG5 meeting. Note that a proposal for Nested WHERE appears in 009 although it was not requested in Berchtesgaden Resolution B9. The development body feels this extension should be added to F95. The Enable proposal also appears in 009, but see **N994**.

If it becomes available in sufficient time before the WG5 meeting, X3J3/007 (the draft of Fortran 95) will be distributed by mail to non-X3J3 members. It is not likely to contain all of the proposals in 009, however. Note that the development body has very little time left to complete this draft. The target date is February of 1995. This poses a severe limit on any proposals not already developed and placed in 009.

The latest draft of the Repository is **N970**. Additional requirements may be found in **N1005** and **N1006**. Other suggestions appear in **N999-N1004**. As part of the comments returned with the recent WG5 ballot on items for Corrigendum 2, there were suggestions that allowing pointer operands in defined operations should be added to the requirements for F95. No member body has submitted such a requirement, even though one was prepared at X3J3 meeting 129 (**N1004**). Unfortunately, no action was taken on it.

The final content of Fortran 95 must be determined at this meeting.

Fortran 2000 At this meeting we will also determine the objectives for the Fortran 2000 revision and perhaps the initial content. If your favorite feature does not make it into Fortran 95, there is a good chance for Fortran 2000. This is a more ambitious revision and there is more time allowed for development. Nonetheless, according to our schedule, the final content of this revision will be determined at the next meeting in Tokyo in April of 1995.