Minutes of Meeting 151

NCITS/J3 Committee
November 29 - December 3, 1999
Las Vegas, Nevada

1. <u>Monday, November 29, 1999</u>

1. 1 Opening business

Meeting was called to order at 8:30 a.m., November 29, 1999 at the Las Vegas AmeriSuites.

1.1.1 Remarks from the chair
None recorded.

1.1.2 Adoption of the agenda
The agenda was moved by Dedo and seconded by North (henceforth recorded as "moved by mover/seconder") and was approved by unanimous consent. Tag meeting will be held Thursday. Some tutorials are being planned for this meeting.

1.1.3 Approval of minutes for meeting 150
Motion: Adopt minutes as amended (Hendrickson/Maine) u.c.

1.1.4 NCITS/OMC report
The Chair gave the annual report to NCITS and there were no issues raised by NCITS.

1.1.5 ISO/WG5 report
John Reid has been confirmed as WG5's new Convenor. We need to formally ballot N1372 and N1374. While it is clear that the cover page of N1374 is defective, it is unclear that there are any substantive issues. J3 should discuss any technical objections; the USTAG will handle the formal voting at its meeting on Thursday.

1.1.6 Treasurer's Report
No meeting fee per discussion in Oxford. No liabilities. $4006.48 on deposit. No meeting fees will be collected until our balance is around $2000. If things go as expected, this is unlikely to be within calendar year 2000.

1.1.7 Beginning membership report
Members present: Malcolm Cohen, Richard Maine (alt for Cohen), Craig Dedo, Keith Bierman (acting secretary), Dick Hendrickson, Stan Whitlock, Henry Zongaro, Van Snyder, Mallory North (Treasurer and Librarian), Tony Warnok (Chair), Jon Steidel, Dan Nagle, Matthijs van Waveren, Toon Moene (alt for van Waveren).

14 members. 12 present or represented. Smith/Martin were not present. Bleikamp was neither present nor represented. Dan Nagle is a voting member as of this meeting.

Kurt Hirchert has resigned his membership (he has sent a message which we interpret as resignation). It is believed that he will be rejoining as representative of his new organization, University of Kentucky, at meeting 152 or shortly thereafter.

Mike Ross (Intel) is attending as an Observer and is expected to graduate to full membership at the next meeting. The chair has been informed that Carlie Coates' fees have been paid, however, Carlie was not present at the opening of this meeting, nor has Carlie attended the required meeting as Observer.

1 1 8 Comments from members

Van Snyder: The document repositories are effectively offline. I can provide a facility outside the JPL firewall. (It was agreed to authorize Van to do this). It was observed that anonymous ftp is much more convenient than a password protected account. Van will work on it.

Maine: the Editor needs minutes or at least a reliable list of papers/edits passed within a reasonable period of the end of a meeting. Especially when the Editor isn't physically present at the meeting.

With regard to integrating Interpretations into the draft standard, the Editor is going to rely on subgroups to pass papers authorizing specific edits. It was observed that Whitlock owns the database and also that Reid has offered to provide support services such as tracking that all interp edits have in fact been incorporated into the F2K draft.

Warnock: The direction for this meeting is 2/3 of the time/effort to be dedicated to new work, and 1/3 to interp processing.

1.1.10 Subgroup Organization
 /jor:
Stan Whitlock (head), Dick Hendrickson, Craig Dedo, Richard Bleikamp(absent)

Review papers 99-232, 99-233, 99-237, 99-237, 99-241, 99-242, 99-248, 99-249, 99-251 and 99-252.

 /data:
Malcolm Cohen (head), Van Snyder, Richard Maine, Dan Nagle
Review papers 99-231, 99-234, 99-235, 99-236, 99-238, 99-239, 99-240, 99-43, 99-244, 99-245, 99-246, 99-247, 99-253, 99-254, 99-255.

 /interop:
Henry Zongaro (head), Keith Bierman, Jon Steidel, Toon Moene, Matthijs van Waveren
Many unresolved issues to discuss, no new papers were prepared for this meeting.

 /interp:
Stan Whitlock (head), Henry Zongaro, Malcolm Cohen, Jon Steidel

1.2 Subgroup meetings
The plenary meeting was recessed until 4:30 p.m. for subgroup meetings.

1.3 Subgroup reports/Plenary resumed at 4:30 p.m.
1.3.1 /jor:

There will be papers for action and discussion tomorrow.

Other disposition:
233 no need for action. 241 keep in subgroup. 242 done as part of 222r2, subgroup to validate. 249 no need for action.

1.3.2 /data:
There are papers for action tomorrow.

Other disposition:
238 withdrawn, leaving some unresolved issues.

1.3.3 /interop:
Catching up on organizational matters, working on previously identified unre-solved issues.

Meeting was recessed until 8:30 a.m. Tuesday.

2.0 Tuesday, November 30, 1999

2.1 Subgroup reports/plenary convened at 8:30 a.m.

2.1.1 Local arrangements:
nothing to report.

2.1.2 /numeric:
Warnock suggested that we update and resend the previous LIA-1 comments. Maine volunteered to get the bits. Van volunteered to update the bits and prepare a paper for the table.

2.1.3 /data:
235 moved by Cohen/Snyder. u.c.
236 moved by Cohen/Snyder. u.c.
243 moved by Cohen/Waveren. u.c.
245 moved by Cohen/Waveren. u.c.

2.1.4 /jor:
232 straw vote: keep current function approach, go to a named constant approach or undecided? 11/2/2.
237 Discussion revealed that a backward reference solves the problems. It will return in revised form.

248 moved by Hendrickson/Whitlock. Variety of revisions on the floor, revised paper to be distributed in the post-meeting. u.c. part 1 to return to subgroup. Part 2 agreed we need explicit words to clarify that the 32-bit ISO variant is specified. Part 3 "edits" to

return in a following paper.

Recessed until 4:30 p.m. for subgroup work.

2.2   Subgroup Reports/Plenary resumed at 4:30 p.m.

2.2.1   /data
        There are papers for discussion and action tomorrow.

2.2.2   /jor
        There are papers for discussion and action tomorrow.

        Other dispositions: 248r1 will be in the post-meeting (passed already). 250 is a
        repeat of an old requirements discussion. It is out of order at this point in process-
        ing. Subgroup will make a motion to formalize this tomorrow.

2.2.3   /interp
        Nothing to report.

2.2.4   /interop
        There are no papers for discussion or action tomorrow morning.

3. Wednesday, December 1, 1999

3. 1 Subgroup/plenary convened at 8:30 a.m.
3. 1 1 /jor
        237r1 moved by Whitlock/Dedo as amended on the floor (an r2 will be in
            post-meeting) u.c.

        241r1 moved by Whitlock/Dedo. u.c.

        258   moved by Whitlock/Dedo as amended to harmonize the "no clock"
              places. Revised paper to appear in post-meeting. u.c.

        259   moved by Whitlock/Waveren as amended. Revised paper to appear
              in the post-meeting. u.c.

        261   moved by Whitlock/Hendrickson as amended. Revised paper to
              appear in the post-meeting. u.c.

        249   moved by Whitlock/Snyder as amended. Revised paper to appear in
              the post-meeting. u.c.

        250   Motion regarding 250: "Authorize Whitlock to communicate with
              Clodius on behalf of J3, stating that reallocation was discussed dur-
              ing WG5 requirements processing for F2K, but it did not make the
              list of requirements for F2K and it is too late to add it for F2K"
              moved by Whitlock/Steidel u.c. Discussion pointed out that it
              wouldn't be J3's purview to add requirements unilaterally, require-

ments specification is a WG5 function.

3. 1 1 /data
    Tutorial on paper 253. No scribe notes available.
    Straw vote: no objects of the root type vs. allow objects of the root type:
                   14-0-1
    Straw vote: spelling issue (a) class() (b) class(*) (c) class(root) (d) any class:
                   2-10-0-0-0-1
    Straw vote: (a) type, extends(), (b) type, extends(*), (c) type, extends(root) (d)
                   type, extensible: 0-1-0-12-1

       255   moved Cohen/ Dedo specs and syntax. u.c.

3. 1 1 /interop
    Papers in process.
Recessed until 4:00 p.m.

3. 1 Subgroup reports/Plenary resumed 4:00 p.m.

3. 1 1 /jor:
    There are papers for action tomorrow.
    Regarding 222r2 (passed last meeting) . Straw vote: does the committee want to
    consider a rounding mode which does what "nint" does (viz. The natural Fortran
    expectation) , yes/no/undecided: 8-3-3

3. 1 1 /data:
    There are papers for action tomorrow. 246/r1 is "defunct" and will not return.

       231r1 moved by Cohen/Snyder. u.c.
       234r1 moved by Cohen/Snyder. As ammended u.c.
       239r1 moved by Cohen/Snyder. u.c.
       240r1 moved by Snyder/Maine. u.c.
       244r1 moved by Cohen/Snyder. u.c.
       263   moved by Cohen/Snyder. Withdrawn, discussion revealed some dif-
              ficulties.
       264   moved by Cohen/Snyder. u.c.
       265   moved by Cohen/Snyder. u.c.
       266   moved by Cohen/Whitlock. Amended to state the question in the
              affirmative. A revised version will be in the post-meeting. u.c.
              moved by Nagle/Dedo. Withdrawn, a revised version to appear for
              action later this meeting. Straw vote: allow BOZ integer constants
              anywhere, or simply as outlined in 268, only in DATA (no change)
              or undecided: 10-1-1-1.
3. 1 1 /interop:
    There are papers for action tomorrow.

3. Thursday, December 2, 1999
3. 1 Subgroup/plenary convened at 8:30 a.m.

3. 1 1 /jor

    238   introduction still needs work; but subgroup believes the edits are an improvement. Moved by Whitlock/Dedo u.c.

    272   moved Whitlock/Dedo. u.c.

3. 1 1 /data

    247r2 Moved by Cohen/Snyder. As amended, revised paper to appear in the post-meeting. u.c.
    254r1 Moved by Cohen/Snyder. As amended, revised paper to appear in the post-meeting. u.c.
    267   Moved by Cohen/Snyder. u.c.
    230   An interpretation, withdrawn for reconsideration by subgroup.
    275   Straw vote: BOZ anywhere, fix data statement, undecided: 0-15-0. Moved by Cohen/Whitlock, amended to strike option 1, as per the straw vote. Revised paper to appear in the post-meeting. u.c.
    268r1 Straw vote: kind parameters on BOZ: yes, no undecided: 9-2-4. Moved by Nagle/Dedo. Formal vote on the paper as written: 8-2.

3. 1 1 /interop

    260   moved by Zongaro/Moene. u.c.
    262   withdrawn, BIND and SEQUENCE to be reconsidered by subgroup.
    270   withdrawn, the derived type, with private components vs. type alias issue for pointers to be reconsidered by subgroup.
    274   withdrawn, to be reconsidered by subgroup.

Recessed until 4:00 p.m.

4.2   Subgroup/Plenary reconvened at 4:00 p.m.

4.2.1   /jor
There is a paper for processing tomorrow.

4.2.2   /data

There are papers for processing tomorrow. 269 is now defunct, and will not be acted upon this meeting.

263r1   Moved by Cohen/Snyder. u.c.
4.2.3   /interop

There will be papers for processing tomorrow morning.

    270   moved by Zongaro/Steidel. Amended on the floor, per this morning's discussion, however subgroup declined to change the implementation of C_ptr to require a derived type with private data. Revised paper to appear in the post-meeting. Motion passed 9-2.

5.3   Treasurer's report
Paper will be 99-277. Total expense at this meeting $110.04. New contract with the hotel, $59/room per day.

Recessed until 8:30 a.m. tomorrow.

3. <u>Friday, December 3, 1999</u>
3. 1 Subgroup/plenary convened at 8:30 a.m.
5.1.1   /jor
>   273   moved by Whitlock/Hendrickson. 9-1 motion passed.

5.1.2   /data
>   230r1 moved by Cohen/Whitlock. u.c.
>   276   moved by Dedo/Snyder. Amended to drop the three bullets on the
>   second page. Revised document to appear in the post-meeting. u.c.

5.1.3   /interop
271   moved by Steidel/Zongaro. Amended, revised paper to appear in the post-meeting.
    u.c.
262r1 moved by Zongaro/Waveren. Amended, revised paper to appear in the post-meet-
    ing. u.c.
274r1 moved by Zongaro/Steidel. Amended, revised paper to appear in the post-meeting.
    u.c.

5.2   Future meetings
        See Appendix C for details. At this time, all scheduled meetings are at the Las
        Vegas AmeriSuites hotel.

Meeting	Start date	End date	Year	Location
152	February 28	March 3	2000	Las Vegas, Nevada USA
153	May 29	June 2	2000	Las Vegas, Nevada USA
154	September 18	September 22	2000	Las Vegas, Nevada USA
155	December 11	December 15	2000	Las Vegas, Nevada USA

5.3   Review of Action items
        From meeting 150:
>   Warnock: sent out 99-227 to WG5 ? DONE
>   Warnock: report to NCITS -- DONE
>   Whitlock   send response to Japanese and Matthijs for 99-221 -- DONE
>   Whitlock: there was to have been a letter ballot for interpretations
>   between meeting 150 and meeting 151. INCOMPLETE

        New action items from meeting 151

>   Warnock   forward LIA-2 response.

5.4   Closing membership report
        12 members present. Smith/Martin and Bleikamp were absent, and have missed 2
        of the last three meetings and therefore are endangered. Mike Ross is now a mem-
        ber, bringing total membership up to 15.

5.5   Comments from members

Maine: I count 31 papers from this meeting alone with edits to the Standard. The Editor would appreciated authors checking to ensure that the edits are entered correctly into the next draft.

Cohen: I count 36 papers from this meeting, resolving 45 issues, adding 5 new features and answering 3 new interpretations.

Snyder: Mallory reports that NCSA server **will** become defunct by end of the year. I shall set up the JPL replacement ASAP. Jlw will be notified.

Ross: When the new text for the Intro is ready, post that to comp.lang.fortran to alert the public to the direction the language is taking.

Motion to adjourn moved by Whitlock/Zongaro. u.c.

 The meeting was adjourned at 09:25 a.m.

Appendix A: Meeting Agenda

 Draft Agenda for J3 Meeting 151

1. Monday, November 29, 1999 8:30 a.m.

1.1 Opening business	T. Warnock
Remarks from the chair	T. Warnock
Adoption of agenda	T. Warnock
Approval of Meeting 147 minutes	T. Warnock
NCITS/OMC report (if any)	T. Warnock
ISO/WG5 report	K. Bierman
Treasurer's report	M. North
Beginning membership report	T. Warnock
Local arrangements	M. North
Comments from members	
1.2 Subgroup organization	T. Warnock
1.3 F95 interpretation organization	S. Whitlock
1.4 Subgroup meetings	
1.5 Subgroup reports (4:30 p.m.)	

2. Tuesday, November 30, 1999 8:30 a.m.

2.1 F2000 Plenary (99-010)	Subgroup Heads
2.2 F95 interpretation processing (99-006)	S. Whitlock
2.3 Tutorials (if needed)	
2.4 Subgroup meetings	
2.5 Subgroup reports (4:30 p.m.)	

3. Wednesday, November 31, 1999 8:30 a.m.

3.1 F2000 Plenary	Subgroup Heads

3.2 F95 interpretation processing   S. Whitlock
3.3 Tutorials (if needed)
3.4 Subgroup meetings
3.5 Subgroup reports (4:30 p.m.)

4. Thursday, December 1, 1999 8:30a.m.

4.1 F2000 Plenary   Subgroup Heads
4.2 F95 interpretation processing   S. Whitlock
3.3 Tutorials (if needed)
4.4 Subgroup meetings
4.5 Subgroup reports (3:30 p.m.)
4.6 TAG meeting (4:00)   K. Bierman

5. Friday, December 2, 1999 8:30a.m.

5.1 F2000 Plenary   Subgroup heads
5.2 F95 interpretation processing   S. Whitlock
5.3 Closing business
     Review of action items (if any)
     Future meetings   M. North
     Treasurer's report   M. North
     Closing membership report   T. Warnock
     Comments from members

Adjournment

Appendix B: Register of Documents

                              J3/99-000

            J3 REGISTER OF DOCUMENTS FOR 1999
                   99-000.TXT
              Revised December 20, 1999
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ftp site: ftp://math.jpl.nasa.gov/x3j3/doc/year/99
ftp mirror site: ftp.drfc.nasa.gov/pub/x3j3/ncsa/doc/meeting
J3 World Wide Web site URL: http://www.ionet.net/~jwagener/J3

            I. Standing Documents

Paper Number   Title

J3/99-000   Register of Documents
J3/99-001   Membership List
J3/99-002   Unassigned
J3/99-003   J3 Member References
J3/99-004   Journal of Requirements

J3/99-005   J3 Resolutions and Responses to WG5 Resolutions
J3/99-006   Defect Report
J3/99-007r2   Draft Revision to Fortran 2000
J3/99-008   Editorial Considerations for F2000 Draft Review
J3/99-009   Technical Proposals for Future Revisions
J3/99-010   J3 Work Plan
J3/99-011r2   Editor's List of Unresolved Issues
J3/99-012 - J3/99-099 are unassigned

                    II. 1999 Papers

                PAPERS SUBMITTED FOR J3 MEETING 148
                KIHEI, HAWAII, MARCH 1 - 6, 1999

Paper Number Date   Submitter   Title

J3/99-101   981202   Maine   Interp. Question on public components
 txt   of private types
J3/99-102   990113   Maine   Edits incorporated in 99-007
 txt
J3/99-103   990113   Maine   Changes to list of unresolved issues
 txt
J3/99-104r2 990203   Snyder   Specifications, syntax, and edits for
 ps   M.23: Access to status error messages
J3/99-105r2 990203   Snyder   Specifications, syntax, and edits to
 ps   access standard unit numbers
J3/99-106r2 990203   Snyder   Unresolved issues 72-76, 78, and 79
 ps   concerning explicitly typed allocations
J3/99-107   990209   Snyder   Comments and questions concerning
 ps   99-007
J3/99-108r1 990211   Hirchert   INITIAL/FINAL Edits
 txt,ps,rtf
J3/99-109   990215   Walter   DIN comments on derived type I/O
 txt
J3/99-110r1 990301   Cohen   Stream I/O - suggested changes
 txt   (Unresolved issue 68)
J3/99-111   990302   Bleikamp   Response to DIN DT I/O comments
 txt
J3/99-112   990302   Bleikamp   Edits for R4b: Additions to the
                                     character set
J3/99-113r2 990302   Bierman   C_LOC
 doc,htm,ps
J3/99-114   990302   Cohen   Unresolved issues 71 and 84
 txt
J3/99-115r1 990303   Bleikamp   Edits for J3 notes, Chapters 9 - 10
 txt
J3/99-116r1 990303   Steidel   Edits for Enums
 doc,ps
J3/99-117r2 990303   Bierman   Some Glossary terms
 doc,htm,ps

J3/99-118r1 990303   Zongaro   Interop edits
 txt
J3/99-119r1 990303   Cohen   Unresolved isues 73, 77, 80
 txt
J3/99-120   990304   Cohen   Miscellaneous fixes plus some 99-107
 txt   edits
J3/99-121r1 990304   Snyder   Syntax improvements from 99-007
 ps
J3/99-122r1 990304   Bierman   Unresolved issue # 11
 doc,htm,ps
J3/99-123r1 990305   North   Meeting 148 Treasurer's Report
 txt
J3/99-124r1 990305   Zongaro   Meeting 148 Minutes
 txt

          PAPERS SUBMITTED FOR J3 MEETING 149
          OXFORD, ENGLAND, JUNE 7 - 11, 1999

Paper Number Date   Submitter   Title

J3/99-007r2   Maine   Draft Revision to Fortran 2000
 Frame, mif, pdf, ps, scripts
J3/99-011r1   Maine   Editor's List of Unresolved Issues
 txt
J3/99-125r2 990322   Snyder   Two more parameters to put in the
 ps   ISO_FORTRAN_ENV module
J3/99-126   990322   Snyder   Even more stuff to put in the
 ps   ISO_FORTRAN_ENV module
J3/99-127r2 990412   Snyder   Unnecessary irregularity: ADVANCE=
 ps   cannot be specified in OPEN statements
J3/99-128   990412   Snyder   Misplaced syntax rule and constraint
 ps   about type aliases
J3/99-129   990412   Snyder   Unnecessary irregularity: PAD=
 ps   specifier can appear only in OPEN statements
J3/99-130   990412   Snyder   Determining the size of records
 ps
J3/99-131r2 990412   Snyder   Resolving issue 15
 ps
J3/99-132   990412   Snyder   Simplifying wording in Chapter 10
 ps
J3/99-133   990412   Snyder   Comments on C interoperability
 ps
J3/99-134r3 990412   Snyder   Remedying oversights in 98-121r1 --
 ps   edits for procedure pointers
J3/99-135   990412   Snyder   Comments about derived type I/O
 ps
J3/99-136   990412   Snyder   Comments and questions concerning
 ps   99-007r1
J3/99-137   990412   Snyder   Comments about SELECT TYPE
 ps

J3/99-138 txt	990429	Maine	Changes to list of unresolved issues
J3/99-139 txt	990429	Maine	Edits incorporated in 99-007r1
J3/99-140r2 ps	990510	Snyder	Comments and questions concerning initialization and finalization --maybe resolving issue 191
J3/99-141r1 ps	990510	Snyder	Issues 134, 135, 136
J3/99-142 txt	990522	Clodius	C Interoperability Terminology
J3/99-143r2 ps	990521	Snyder	Observations concerning Section 12
J3/99-144r1 txt	990524	Clodius	Fortran's Future
J3/99-145 txt	990524	Maine	BINDNAME=
J3/99-146r3 txt	990525	Cohen	Unresolved issue 9
J3/99-147r2 txt	990527	Cohen	Unresolved issue 143
J3/99-148r2 txt	990527	Cohen	Unresolved issue 16
J3/99-149r1 txt	990527	Cohen	Unresolved issue 35
J3/99-150r1 txt	990527	Cohen	Unresolved issue 77 and 131 - 133
J3/99-151r1 txt	990527	Cohen	Unresolved issue 139
J3/99-152 ps	990607	Snyder	Printing
J3/99-153 txt	990607	Clodius	Comments on Section 15
J3/99-154 txt,doc	990607	Cohen	Problems in the IEEE Modules
J3/99-155 ps	990607	Van Waveren	Resolution of unresolved issues 147, 150, 152, 156, 158
J3/99-156r1 txt,doc	990607	Steidel	Miscellaneous Interop edits
J3/99-157r2 txt	990607	Cohen	Problems with SELECT TYPE
J3/99-158r1 txt,doc	990608	Reid	Edits re IEEE modules
J3/99-159r1 txt,doc	990608	Maine	Recursive I/O
J3/99-160r1 txt,doc	990608	Bierman	Fixups to 16.2.6
J3/99-161r1 txt	990608	Moene	Items not in the Index yet
J3/99-162	990608	Cohen	Unresolved issue 76

txt
J3/99-163r1 990608 Cohen   Unresolved issue 130
 txt
J3/99-164r1 990608 Cohen   Unresolved issue 44
 txt
J3/99-165r1 990609 Reid   Edits re IEEE modules (cont'd)
 txt
J3/99-166   990609 Reid   Unresolved Issue 10
 txt
J3/99-167r2 990610 Reid   Edits re IEEE modules (cont'd)
 txt
J3/99-168r1 990610 Wagener   Edits to the Foreword
 txt
J3/99-169r1 990610 Wagener   Edits to Section 1
 txt
J3/99-170   990610 Maine   Editor's edits
 txt
J3/99-171   990611 Cohen   Baroque spelling of 'WITH' functionality
 txt
J3/99-172   990611 North   Meeting 149 Treasurer's Report
 txt
J3/99-173   990611 Van Waveren Meeting 149 Minutes

            PAPERS SUBMITTED FOR J3 MEETING 150
           LAS VEGAS, NEVADA, AUGUST 23 - 27, 1999

Paper Number Date   Submitter   Title

J3/99-007r2 990624 Maine   Draft revision to Fortran 2000
 txt, ps, pdf, frame, mif, scripts
J3/99-011r2 990625 Maine   Editor's list of unresolved issues
 txt
J3/99-174   990624 Wagener   Edits to Section 1.5.2
 txt
J3/99-175   990624 Maine   Edits incorporated in 99-007r2
 txt
J3/99-176   990624 Maine   Changes to list of unresolved issues
 txt
J3/99-177   990712 Zongaro   Interpretation request on I/O errors
 txt
J3/99-178   990712 Zongaro   Interpretation request on constant
 txt   spec. expressions
J3/99-179   990721 Reid   Edits re IEEE modules
 txt
J3/99-180r3 990728 Snyder   Improve definition of the ALLOCATABLE
 ps,txt   attribute
J3/99-181r1 990728 Snyder   Remedying oversights in 98-121r1 --
 ps   edits for procedure pointers
J3/99-182r3 990728 Snyder   Comments, questions and miscellaneous

ps			edits concerning 99-007r2
J3/99-183r1	990728	Snyder	More work on ERRMSG=
ps			
J3/99-184r1	990728	Snyder	More work on deferred type parameters
ps			
J3/99-185r4	990728	Snyder	Unresolved issues 78 and 141
ps			
J3/99-186r1	990802	Snyder	Numerous changes in 12.4.1.2, hopefully including resolution of issue 79
ps			
J3/99-187r1	990802	Snyder	Unresolved issue 134
ps			
J3/99-188r1	990802	Snyder	Unresolved issues 138 and 140
ps			
J3/99-189	990802	Snyder	Type parameters are distinguished along the wrong axis
ps			
J3/99-190	990804	Bierman	Is padding allowed in storage sequences?
txt			
J3/99-191	990804	Bierman	What is a numeric character?
txt			
J3/99-192	990804	Bierman	Asterisks as I/O units
txt			
J3/99-193	990804	Bierman	Writing zeros
txt			
J3/99-194	990804	Snyder	Comments on C interoperability
ps			
J3/99-195	990806	Snyder	Unresolved issue 13 and topics inspired by it
ps			
J3/99-196r2	990806	Cohen	Baroque spelling of 'WITH' functionality
txt			
J3/99-197r1	990806	Cohen	Interface scoping problem
txt			
J3/99-198	990806	Cohen	Interpretation request on argument passing
txt			
J3/99-199r1	990809	Cohen	Interpretation request on INTENT(IN) and implied DO
txt			
J3/99-200r1	990809	Cohen	Interpretation request on NULLIFY and INTENT(IN)
txt			
J3/99-201	990809	Cohen	Interpretation request on PURE procedures
txt			
J3/99-202	990809	Cohen	Interpretation request on generic procedures
txt			
J3/99-203r2	990809	Cohen	Unresolved issues 178 - 201 (initial and final)
txt			
J3/99-204	990809	Martin	Unresolved issue 195
txt			
J3/99-205r2	990809	/Interop	Edits for the sharing of global data between Fortran and C
txt			
J3/99-206	990809	van Waveren	Unresolved issue 150
txt			
J3/99-207	990809	Bierman	Interpretation request on LEN of null

txt
J3/99-208   990810   Takata   Interpretation requests of Japan
 txt
J3/99-209   990822   /Interop   Response to 99-133 and 99-194
 txt,doc
J3/99-210r1 990822   /Interop   BINDNAME revisited
 txt,doc
J3/99-211r1 990823   /Interop   When C_FLOAT etc. are invalid
 txt
J3/99-212   990823   Bleikamp   Interpretation request 66 on I/O
 txt   errors
J3/99-213r1 990823   Bleikamp   Interpretation request 67
 txt
J3/99-214   990823   Bleikamp   Interpretation request 69: What is a
 txt   numeric character?
J3/99-215r1 990823   Dedo   Interpretation request 68: asterisks
 txt,ps,wpd   as I/O units
J3/99-216r1 990823   /Data   Interpretation request 70 on constant
 txt   spec. expressions
J3/99-217r3 990823   Cohen   Interpretation request 71 on
 txt   character array constructors
J3/99-218   990823   Cohen   Interpretation request 72 on generic
 txt   procedures and elementals
J3/99-219r1 990824   Cohen   Unresolved issue 14
 txt
J3/99-220   990825   Bleikamp   Edits suggested by 99-182r1 and
 txt   N1335
J3/99-221r1 990825   Dedo   J3 responses to interpretation
 txt,ps,wpd   requests from Japan
J3/99-222r2 990825   Dedo   JOR responses to WG5/N1356
 txt,ps,wpd
J3/99-223   990825   Cohen   Interpretation request on pointer
 txt   assignment and allocatable arrays
J3/99-224   990825   Cohen   /Data-related issues from WG5/N1356
 txt
J3/99-225   990826   North   Meeting 150 treasurer's report
 txt
J3/99-226   990826   /Interop   Responses to issues in 99-182r1
 txt   and N1356
J3/99-227   990826   Warnock   J3 response to WG5 resolutions
 txt
J3/99-228   990827   Bierman   Correspondence on rounding
 txt,doc
J3/99-229   990827   Steidel   Meeting 150 minutes
 txt

PAPERS SUBMITTED FOR J3 MEETING 151

LAS VEGAS, NEVADA, NOVEMBER 29 - DECEMBER 3, 1999

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-------------------------------------------------------------------------
Paper Number  Date    Submitter        Title
-------------------------------------------------------------------------
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Paper Number	Date	Submitter	Title
J3/99-230r1 txt	991011	Cohen	Interpretation request on Host Association
J3/99-231r1 ps	991019	Snyder	Miscellaneous remarks
J3/99-232 ps	991019	Snyder	Revisit SELECTED_CHAR_KIND
J3/99-233 ps	991019	Snyder	Issue 118
J3/99-234r2 ps	991019	Snyder	Issues 62 and 21
J3/99-235 ps	991019	Snyder	Issue 201
J3/99-236 ps	991019	Snyder	Issue 13
J3/99-237r2 txt,ps,wpd	991019	Snyder	Edits - Issue 26, IEEE_SUPPORT_IO
J3/99-238 ps	991019	Snyder	Issues 208 and 210, and nearby stuff in the Introduction
J3/99-239r1 ps	991019	Snyder	More stuff about allocation
J3/99-240r1 ps	991020	Snyder	Issue 14
J3/99-241r1 ps,txt,wpd	991021	Snyder	Edits - Issue 3, I/O statement termination
J3/99-242 ps	991021	Snyder	Issue 64 and related stuff
J3/99-243 ps	991021	Snyder	Issue 121
J3/99-244r1 ps	991021	Snyder stuff	Issue 142 and unrelated but nearby
J3/99-245 ps	991021	Snyder	Issue 202
J3/99-246r1 ps	991025	Snyder	Issue 20 and related stuff
J3/99-247r3 ps	991025	Snyder	More issues related to pointer assignment and procedure pointers
J3/99-248r1 ps	991025	Snyder	Issue 125
J3/99-249r1 ps	991025	Snyder	Issue 67
J3/99-250 txt	991104	Clodius	Reallocation
J3/99-251 txt	991115	van Waveren	Issues 33 and 129 (ASCII and ISO10646)

J3/99-252 txt	991115	van Waveren	Issues 34 and 83 (copyright and normative references)
J3/99-253 txt	991115	Cohen	Unique Root Type for Extensible Types: Design
J3/99-254r2 txt	991115	Cohen	Unique Root Type for Extensible Types
J3/99-255 txt	991115	Cohen	Generalized Structure Constructors
J3/99-256	991129	Bierman	Meeting 151 Minutes
J3/99-257 txt	991130	Warnock	J3 Annual Report to NCITS
J3/99-258r1 txt,ps,wpd	991130	Dedo	Edits - Issue 118 - Arguments to DATE_AND_TIME Subroutine
J3/99-259r1 txt,ps,wpd	991130	Dedo	Edits - Issues 32, 33, and 129 - SELECTED_CHAR_KIND
J3/99-260 txt,doc	991130	Moene	Unresolved Issues 100, 102, and 174
J3/99-261r1 txt,doc	991130	Hendrickson	Simpler Example of Volatile
J3/99-262r2 txt	991130	van Waveren	Issues 86 and 203
J3/99-263r1 txt	991130	Cohen	Edits for IMPORT statement, plus host association fixups
J3/99-264 txt	991130	Cohen	Unresolved Issue 137
J3/99-265 txt	991130	Cohen	Unresolved Issues 205, 206, 207
J3/99-266r1 txt	991130	Cohen	Interpretation request on definition status
J3/99-267 txt	991130	Cohen	Unresolved Issues 135, 136
J3/99-268r1 txt	991130	Nagle	Edits regards BOZ Constants as Named Constants
J3/99-269 ps	991130	Snyder	Introduction
J3/99-270r1 txt	991201	Zongaro	Edits for Issues 165, 166, 167, 97, 163, 170, and 101
J3/99-271r2 txt,ps,doc,htm	991201	Steidel	BINDNAME= and NAME= Clarification
J3/99-272	991201	Dedo	Edits - References to ASCII Character Set
J3/99-273	991201	Dedo	Edits - Clarification of Rounding Modes
J3/99-274r2 txt	991201	van Waveren	Issues 87 and 88
J3/99-275r1 txt	991201	Cohen	Interpretation Request on BOZ Literals
J3/99-276r1 ps	991202	Snyder	The LIA-2 Response

J3/99-277   991202   North   Meeting 151 Treasurer's Report
 txt

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Appendix C: Future meetings and distribution/Secretarial Assignments

Meeting Conventions:

   - Four meetings per year
   - Attempt to schedule second full week of the month
   - Attempt to schedule meeting contiguous with WG5 annual meeting

Future meeting schedule:

 152 February 28 - March 3, 2000, in Las Vegas, NV
       Mallory North, acting host
       Premeeting distribution deadline: February 14, 2000
       Premeeting distribution: electronic
       Post-meeting distribution: electronic
       Acting secretary: Henry Zongaro

 153 May 29 - June 2, 2000, in Las Vegas, NV
       Mallory North, acting host
       Premeeting distribution deadline: May 15, 2000
       Premeeting distribution: electronic
       Post-meeting distribution: electronic
       Acting secretary: Henry Zongaro

 154 September 18 - 22, 2000, in Las Vegas, NV
       Mallory North, acting host
       Premeeting distribution deadline: September 4, 2000
       Premeeting distribution: electronic
       Post-meeting distribution: electronic
       Acting secretary: Dan Nagle

 155 December 11 - 15, 2000, in Las Vegas, NV
       Mallory North, acting host
       Premeeting distribution deadline: November 27, 2000
       Premeeting distribution: electronic
       Post-meeting distribution: electronic
       Acting secretary: Mike Ross

Committee materials availability:

Agenda and meeting notice available at the J3 web site and from the J3 ftp server.

Sent individually to other interested parties that specifically request to
be sent the material either via surface mail or electronic mail.

  REQUIREMENT: Distribution 4 weeks prior to meeting (SD-2 4.3.3)

Pre- and post-meeting distribution available at the J3 ftp and web sites.

Sent individually to other interested parties that specifically request to be sent the material either via surface mail or electronic mail.

REQUIREMENT: Distribution of premeeting 2 weeks prior to meeting (documents for action - two week rule: SD-2 4.3.4:1)

Meeting minutes are available at the J3 web and ftp sites.
ftp site: ftp.ncsa.uiuc.edu/x3j3/doc/meeting/151
ftp mirror site: ftp.drfc.nasa.gov/pub/x3j3/ncsa/doc/meeting/151

Appendix D: Committee Organization

Officers and Management

Chair	T. Warnock
International Rep.	K. Bierman
Secretary	Open (Bierman acting for Mtg. 151)
Treasurer	M. North
Librarian	M. North
Editor	R. Maine (WG5 appointment)
Maintenance	S. Whitlock
Vocabulary Rep.	K. Hirchert
Future Meetings	M. North
Membership List	K. Hirchert

Subgroups

JOR: Responsible for the maintenance of the Journal of Development (standing document 004) and managing the following Fortran 2000 requirements: R1, R2, R8, and all MTE and B items.

S. Whitlock (head) R. Bleikamp, R. Hendrickson, Craig Dedo

DATA: Responsible for language design topics related to data and data structures; manages the following Fortran 2000 requirements: R3, R4, R6, and R7.

M. Cohen (head), J. Martin, V. Snyder

NUMERIC: Responsible for R4. Inactive at this meeting.
T. Warnock (head)

INTEROP: Responsible for R9.
H. Zongaro (head), K. Bierman, J. Steidel, Waveren, Moene

INTERP: Responsible for evaluating interpretation requests, providing responses to such requests, and maintaining standing document 006. (The following

core membership of this subgroup all have other subgroup assignments, and other members of the committee may be called upon to provide expertise for specific issues.) Inactive at this meeting.

S. Whitlock (head), R. Bleikamp, M. Cohen, J. Steidel, H. Zongaro

Appendix E: Membership summary

J3 Meeting Attendance (Principal Members)

Meeting #	142	143	14 4	145	146	147	148	149	150	151	152
Location (location)	CO	NV	LA	IN	CA	NV	HI	UK	NV	NV	NV
Date (Month)	08	11	02	05	08	11	03	06	08	11	02
Date (year)	97	97	98	98	98	98	99	99	99	99	00

Name Affiliation

			142	143	144	145	146	147	148	149	150	151	152
Bierman	Keith	Sun	V	V	V	V	V	V	V	V	V	V	
Bleikamp	Richard	HP	RP	RP	V	V	A	V	V	A	V	A**	
Cohen	Malcolm	NAG	V	R	V	V	R	V	V	V	V	V	
Dedo	Craig	Self	V	V	V	V	V	V	A	A	**V	**V	
Hendrickson	Dick	Self	A	V	V	V	V	V	A	V	V	V	
Hirchert	Kurt	U of IL	V	V	V	V	V	V	A	A	A	Q***	
Nagle	Dan	Self									P	V	
North	Mallory	Rose-Hulman	V	V	V	V	V	V	V	V	V	V	
Ross	Mike	Intel										P	
Smith	Brian	U of NM	R	R	R	A	R	R	R	A	R	A**	
Snyder	Van	JPL/Caltech	V	V	V	A	V	V	V	V	V	V	
Steidel	Jon	Cray Research	RP	RP	V	V	A	A	**V	**V	V	V	
van Waveren	Matthijs	Fujitsu					P	V	A	V	A	V	
Warnock	Tony	LANL	V	V	V	V	V	V	V	V	V	V	
Whitlock	Stan	Compaq	V	V	V	V	V	V	V	A	V	V	
Zongaro	Henry	IBM	V	V	V	V	V	V	V	A	V	V	

V present and voting	**P** present but not voting	**Q** resigned
R absent but represented	**RP** represented by previous member	** missed 2 of last 3 meetings
A absent and not represented	**E** excused	*** lost membership

2 alts present along with their primary members.

Total Membership at beginning of Meeting 151	14
Majority	8
Quorum	5
Total Members Attended or Represented at 151	12
Total Membership at end of Meeting 151	15
Total Attendees at Meeting 151	14

membership changes since last meeting:

Mike Ross became a voting member at the end of meeting 151. Dan Nagle become a voting member at the start of meeting 151. Kurt Hirchert resigned just prior to meeting 151, but is listed for historical continuity (and reflects Hirchert's employer of that time).

Appendix F: membership roster -- Has not been updated. Same as minutes of last meeting.

PRINCIPALS

Keith H. Bierman
Sun Microsystems, Inc.
UMPK 16-304
901 San Antonio Road
Palo Alto CA 94043

Email: keith.bierman@sun.com

Phone: (650) 786-9296
Fax: (650) 786-9551

Alternate: Michael Ingrassia

Richard Bleikamp
Hewlett-Packard Company
3000 Waterview Parkway
Richardson TX 75080

Email: bleikamp@rsn.hp.com

Phone: (972) 497-4133
Fax: (972) 497-4245

Malcolm Cohen
The Numerical Algorithms Group Ltd
Wilkinson House
Oxford OX2 8DR
ENGLAND

Email: malcolm@nag.co.uk

Phone: 44 (1865) 51 1245
Fax: 44 (1865) 31 0139

Alternate: Richard Maine

Craig T. Dedo
17130 W. Burleigh Place
Brookfield WI 53005

Email: Craig_Dedo@execpc.com

Phone: (414) 783-5869
Fax: (414) 783-5928

Richard A. Hendrickson
50 Melbourne Ave SE
Minneapolis MN 55414

Email: dick.hendrickson@worldnet.att.net

Phone: (612) 378-9694

Kurt W. Hirchert
1502 Sandpiper
Champaign IL 61821

Email: k.hirchert@worldnet.att.net

Phone: (217) 398-8506

Alternate: Murray Freeman

Dr. C. Mallory North, Jr.
Professor of Mechanical Engineering
Rose-Hulman Institute of Technology
5500 Wabash Ave.
Campus Box 150
Terre Haute IN 47803

Email: Charles.M.North@Rose-Hulman.Edu

Phone: (812) 877-8216
Fax: (812) 877-8025

Alternate: Patricia Brackin

Brian T. Smith
University of New Mexico
Computer Science Dept.
339 Farris Engineering Center
Albuquerque NM 87131

Email: bsmith@arc.unm.edu

Phone: (505) 277-5500
Fax: (505) 277-0813

Alternate: Jeanne T. Martin

Van Snyder
Jet Propulsion Laboratory
4800 Oak Grove Drive
Mail Stop 300-323
Pasadena CA 91109-8099

Email: vsnyder@math.jpl.nasa.gov

Phone: (818) 354-6271
Fax: (818) 393-6720

Jon Steidel
Cray Research
655F Lone Oak Drive
Eagan MN 55121

Email: jls@cray.com

Phone: (651) 683-5734
Fax: (651) 683-5307

Alternate: David Phillimore

Matthijs van Waveren
Fujitsu European Centre for Information Technology Ltd.
2, Longwalk Road, Stockley Park
Uxbridge, Middlesex UB11 1AB
ENGLAND

Email: waveren@fecit.co.uk

Phone: 44 (181) 6064646
Fax: 44 (181) 6064422

Tony Warnock
Los Alamos National Lab.
MS B265
CIC-3
P.O. Box 1663
Los Alamos NM 87545

Email: ttw@lanl.gov

Phone: (505) 667-2225

Alternate: Alex Marusak

Stan Whitlock
Digital Equipment Corp.
ZK02-3/N30
110 Spit Brook Road
Nashua NH 03062

Email: stan.whitlock@compaq.com

Phone: (603) 884-2011
Fax: (603) 884-0120

Henry Zongaro

IBM Canada Ltd.
3T/123/1150/TOR
1150 Eglinton Avenue East
North York Ontario M3C 1H7
CANADA

Email: zongaro@ca.ibm.com

Phone: (416) 448-6044
Fax: (416) 448-6057

Alternate: Wai Ming Wong

ALTERNATES

Dr. Patricia Brackin
Rose-Hulman Institute of Technology
Dept. of Mechanical Engineering
5500 Wabash Ave.
Campus Box 165
Terre Haute IN 47803

Email: Patricia.Brackin@Rose-Hulman.edu

Phone: (812) 877-8106
Fax: (812) 877-3198

Alternate to: C. Mallory North

Murray F. Freeman
FOSI Limited
P.O. Box 184
Paupack PA 18451-0184

Email: x3t2mf@delphi.com

Phone: (717) 857-0658
Fax: (717) 857-1378

Alternate to: Kurt Hirchert

Michael Ingrassia
Sun Microsystems, Inc.
UMPK 16-304

901 San Antonio Road
Palo Alto CA 94043

Email: michael.ingrassia@sun.com

Phone: (650) 786-8998
Fax: (650) 786-9551

Alternate to: Keith Bierman

Richard Maine
NASA Dryden
M/S D-2033
P.O. Box 273
Edwards CA 93523

Email: maine@altair.dfrc.nasa.gov

Phone: (805) 258-3316
Fax: (805) 258-3567

Alternate to: Malcolm Cohen

Jeanne T. Martin
11 Manti Terrace
Alamo CA 94507

Email: jeannetm@pacbell.net

Phone: (925) 837-2691
Fax: (925) 362-0144

Alternate to: Brian Smith

David Phillimore
1 Cabbot Road
Hudson MA 01749

Email: dphillim@boston.sgi.com

Phone: (978) 562-4800
Fax: (978) 562-4755

Alternate to: Jon Steidel

Wai Ming Wong
IBM Canada, Ltd.
(3T/123)
1150 Eglinton Ave. East
North York Ontario M3C 1H7
CANADA

Email: wmwong@vnet.ibm.com

Phone: (416) 448-3105
Fax: (416) 448-4414

Alternate to: Henry Zongaro

OBSERVERS

David Mattoon
1547 North Sheridan Road
Lake Forest IL 60045

Email: dmattoon@ix.netcom.com

Phone: (312) 567-4716

Ivor R. Philips
The Boeing Company
P.O. Box 3707
#MS 7l_22
Seattle WA 98124-2207

Email: ivor.r.philips@boeing.com

Phone: (206) 865-3522

Michael Ross
Intel Corp.
JF3-363
2111 NE 25th Ave
Hillsboro OR 97124-7902

Email: Michael_L_Ross@ccm.jf.intel.com

Phone: (503) 264-0567
Fax: (503) 264 -7902

OMC Secretary
ITIC
Suite 200
1250 Eye Street NW
Washington D.C. 20005

Email: x3sec@itic.nw.dc.us

Phone: (202) 626-5740
Fax: (202) 628-2829

LIAISONS

Miles Ellis
Director:
Educational Technology Resources Centre
University of Oxford
37-41 Wellington Square
Oxford OX1 2JF
ENGLAND

Email: Miles.Ellis@etrc.ox.ac.uk

Phone: +44 1865 270528
Fax: +44 1865 270527

[WG5 Convenor]

David Epstein
Imagine1
P.O. Box 250
Sweet Home OR 97386

Email: david@imagine1.com

Phone: (541) 383-4848

[Conditional Compilation]

Jeffrey Fried
Informix, Inc.
4100 Bohannon Drive
Menlo Park CA 94025

Email: jfried@informix.com

Phone: (415) 926-6893

Liaison from: X3H2 Database

Michael Hennecke
University of Karlsruhe
Computing Center (G20.21 R210)
Zirkel 2
P.O. Box 69 80
Karlsruhe D-76128
GERMANY

Email: hennecke@rz.uni-karlsruhe.de

Phone: 49 721 608-4862
Fax: 49 721 32550

[C Interoperability]

Rochelle Lauer
Director High Energy Physics Computing Facility
Yale University, Physics Department
512 Gibbs Lab
260 Whitney Avenue
P. O. Box 208121
New Haven CT 06520-8121

Email: lauer@yalph2.physics.yale.edu

Phone: (203) 432-3366
Fax: (203) 432-6125

Liaison from: DECUS

Hiroshi Matsuo
Software Works

Hitachi Ltd.
5030 Totsuka-cho Totsuka-ku
Yokohama-shi 244
JAPAN

Phone: 011 81 45 824-2311

Liaison from: WG5/Japan

J. Steve Morgan
The University of Liverpool
P.O. Box 147
Liverpool L69 3BX
ENGLAND

Email: j.s.morgan@liverpool.ac.uk

Phone: 44 (151) 794-3746
Fax: 44 (151) 794-3759

[Parameterized Derived Types]

David T. Muxworthy
EUCS
JCMB
King's Buildings
Edinburgh EH9 3JZ
SCOTLAND

Email: d.muxworthy@ed.ac.uk

Phone: 44 (131) 650-3305
Fax: 44 (131) 650-6552

Liaison from: BSI

Ron Silletti
IBM Corporation
500 Columbus Avenue
Thornwood NY 10594

Email: rsilletti@us.ibm.com

Liaison from: OMC

UNOFFICIAL OBSERVERS

Jeanne C. Adams
NCAR
Scientific Computing Division
P.O. Box 3000
Boulder CO 80307

Email: jeanne@ncar.ucar.edu

Phone: (303) 497-1275
Fax: (303) 497-1137

Graham Barber
Edinburgh Portable Compilers, Ltd.
17 Alva Street
Edinburgh EH2 4PH
SCOTLAND

Email: gra@epc.co.uk

Phone: 44 131 225 6262
Fax: 44 131 225 6644

Walter S. Brainerd
Unicomp Inc.
1874 San Bernardino Ave NE
Albuquerque NM 87122

Email: walt@fortran.com

Phone: (505) 275-0800
Fax: (505) 856-1501

Joanne Brixius
Cray Research Inc.
655F Lone Oak Dr.
Eagan MN 55121

Email: jbrixius@sgi.com

Phone: (651) 683-5873

Reva Cuthbertson
Hewlett-Packard Company

Email: sacks@cup.hp.com

Phone: (408) 447-6090

James T. Himer
Sun Microsystems of Canada
Sun Life Plaza III, 9th fl.
112 - 4th Ave S.W.
Calgary AB T2P 0H3
CANADA

Email: jim.himer@sun.com

Phone: (403) 262-0584x57584
Fax: (403) 266-4121

R. Baker Kearfott
Department of Mathematics
University of Southwestern Louisiana
U.S.L. Box 4-1010
Lafayette LA 70504-1010

Email: rbk@usl.edu

Phone: (318) 482-5270
Fax: (318) 482-5346

Tom Lahey
Lahey Computer Systems Inc.
865 Tahoe Blvd
Suite 204
P. O. Box 6091
Incline Village NV 89450-6091

Email: tlahe@lahey.com

Phone: (702) 831-2500

Fax: (702) 831-8323

Keng Low
Salford Software Ltd
Adelphi House
Adelphi Street
Salford M3 6EN
ENGLAND

Email: keng@salford-software.com

Phone: +44 161 834 2454
Fax: +44 161 834 2148

Bruce A. Martin
Relativistic Heavy Ion Collider
Build 911-C
Brookhaven National Laboratory
Upton NY 11973

Email: bam@bnl.gov

Phone: (516) 282-5647

Loren P. Meissner
2 Kerr Avenue
Kensington CA 94707

Email: lpmeissner@msn.com

Phone: (510) 524-5227

Linda O'Gara
Microsoft
One Microsoft Way
Redmond WA 98052

Email: lindaog@microsoft.com

Phone: (206) 936-6575
Fax: (206) 936-7329

Rex L. Page
School of Computer Science
University of Oklahoma
200 Felgar Street - Room 114
Norman OK 73109

Email: rlpage@cs.ou.edu

Phone: (405) 325-4397
Fax: (405) 325-4044

John K. Reid
Atlas Centre
Rutherford Appleton Laboratory
Oxon OX11 0QX
ENGLAND

Email: jkr@letterbox.rl.ac.uk

Phone: 44 (1235) 44 6493
Fax: 44 (1235) 44 6626

[Exception Handling]

Charles Ritz
Fortran Journal
P.O. Box 4201
Fullerton CA 92634

Phone: (714) 441-2022

Bob Runyan
Lahey Computer Systems Inc.
865 Tahoe Blvd
Suite 204
P. O. Box 6091
Incline Village NV 89450-6091

Email: bruny@lahey.com

Phone: (702) 831-2500 x422
Fax: (702) 831-8123

Janice Shepherd
IBM
T. J. Watson Research Center
P.O. Box 218
Yorktown Heights NY 10598

Email: janshep@watson.ibm.com

Phone: (914) 945-4366

Jerrold L. Wagener
Zvyvogs
6 East 5th
Suite 308
Tulsa OK 74103

Email: Jerry@Wagener.com

Phone: (918) 592-3023
Fax: (918) 592-3023