C Floating Point Study Group Teleconference

October 13, 2015
9 AM PDT / 12 PM EDT

Conference ID: 82968194
Toll-free Dial-in number: 1-888-426-6840
Other (International) Dial In Numbers:
   https://www.teleconference.att.com/servlet/glbAccess?process=1&accessCode=82968194&accessNumber=2158616239#C3
Screen sharing: https://apps.na.collabserv.com/meetings/join?id=1950-7849, Password:
   cfeisdygk
Wiki: http://wiki.edg.com/twiki/bin/login/CFP/WebHome

Draft Agenda

Meeting logistics
      Note taker, mail out notes - Rajan

Introduction of attendees

Approval of agenda

Notes from 2015-09-15 meeting

Carry-over action items
   None

Action items from 2015-09-15 meeting
 Ian: Talk to Lawrence Crawl regarding proposing this IEEE-754: 2008 binding to C++ as well - Still to
      do
 David: Send out an email address to sign yourself up to the IEEE 754 mailing list to this group.
 Ian: Update and check the items listed and flagged under Feature_List_Part_1.
 Jim: Send Mike an email regarding what is needed regarding prior art/implementation for Part 1
      features in other languages
 Jim: p5: Give example of what the macro would do and what would happen without it.
 Jim: p12: See if we can add a footnote regarding the implementation defined/unspecified/undefined
      behavior referring to Annex J and/or an example from one of the bullets ommitted.
 Jim: p8: Make subnormal zero case be something that should keep the same sign
 Jim: p15: line 31: ilogb -> ilogb and llogb
 Jim: p15: line 32: FE_INVALID_LOGB -> FE_INVALID_ILOGB
 Jim: p16: line 10: Remove 'and round result to narrower type'.
 Jim: p9: FENV_ALLOW_CONTRACT_FMA: Send a note to convey this should not apply to any
      implementation/system operations, and only to user code that is directly what is listed in lines 11-
      14.

Study group logistics
    Next meeting date: Tuesday, Nov 10?

Parts 3, 4 – publication status

Part 5 – response to Joseph Myers comments

Implementation status – continue discussion of information provided

IEEE 754 – report

ARITH23 – report

Wrap up
    Topics for next meeting