**WG14 N2076**


# C Floating Point Study Group Teleconference

September 27, 2016
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 2016-08-30 meeting

Carry-over action items
      Jim: Check one of the files from the EDG backup for testing the off site backup.


Action items from 2016-08-80 meeting
      Jim: Update the proposal for Part 2 to make it more similar to Part 1's proposal.
      Jim: For all proposals: Change to "This proposal incorporates" as the starting.
      Rajan: Proposal 1: Update the spreadsheet of part 1 features based on Marius' note and send it
         out to the group for final review.
      Rajan: Proposal 1: Change the prior art text that has "ex." to "Example:" since Ex. could mean
         excluding.
      Rajan: Proposal 2: Add in prior art based off the spreadsheet of features.
      Jim: Proposal 4b: Mention underflow as well (alongside the existing overflow).
      Jim: Proposal 5a: Look at leaving out the types in the second paragraph.
      Jim: Proposal 5d: Title: alternate expression handling -> alternate exception handling
      Jim: Proposal 5d: Say "portable handling of exceptional cases".
      Jim: Proposal 5d: Simplify the abstract by removing the detail after "Some actions control".
      Jim: Proposal 5d: Say "The pragma allows the program to deal with exceptional cases without
         having to consider implementation details."
      Jim: DDR7: Integrate the changes proposed for the usual arithmetic conversions into a combined
         document to make it easier to read/understand.

Jim: DDR?: Create a new DDR for the typo that Joseph just raised in reflector message 14358.

Jim: Consult with Mike to discuss the preferred quantum exponent for hypot (in the TS), rsqrt, pow* (in the TS), etc.

Study group logistics
   Next meeting date: October 25?

IEEE 754 revision– report

C++ liaison – report

twoSum, twoProduct for TS 18661 update?

Proposals for C standard – continue discussion

DRs – review