WG14 N1787

C Floating Point Study Group Teleconference

January 7, 2014
9 AM PST / 12 PM EST

Phone: 1-866-682-4770 (toll free) or 1-408-774-4073
Conf Code: 8620908
Security Code: 1234
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 2013-12-12 meeting

Action items from 2013-12-12 meeting

Jim: Backup the documents in Word format. - Most current version has been put up. Keep this
    item open.
 Current files: http://wiki.edg.com/twiki/pub/CFP/WebHome/cfp1.docx
 Current files: http://wiki.edg.com/twiki/pub/CFP/WebHome/cfp2.docx
 Current files: http://wiki.edg.com/twiki/pub/CFP/WebHome/cfp3.docx
 Current files: http://wiki.edg.com/twiki/pub/CFP/WebHome/cfp4.docx
 Note: Should also keep versions that are equivalent to PDF's.
Jim: Part 3: Bring up the clause letter numbering issue at the WG14 meeting and get direction
    on where to put it (since the C Standard editor is normally there).
Jim: Part 3: Get a WG14 document number and post it and ask for review from the 754 group
    as well.
Jim: Part 4: Page 5: Fred's note first comment (2013/12/12 note) - Jim to fix.
Jim: Part 4: Page 6: Fred's note second comment (2013/12/12) - Add to the description of
    atan2pi that atan2pi is atan2/pi.
Jim: Part 4: Page 10: Leave issue 2 but add in other log*p* naming suggestions made as part
    of the issue.
Jim: Part 4: Page 11: See if the issue 3 comment can fit in the binding clause.
Jim: Part 4: Page 13: Add in the comment from 754 describing where this powr function comes
    from.
Jim: Part 4: Page 15: Lines 14, 20 boundaries should be -1 not 0. Also the x should be lower
    case (including line 26).
Jim: Part 4: Page 16: Make the change to the sum range to follow C indexes. Applies to later
    functions using similar notation (up to page 19).
Jim: Part 4: Page 18: Line 17: sumabs -> sumprod.

Fred: Part 4: Page 18: sumprod: See if the arrays have to be non-overlapping and to see if we need to add restrict here.

Jim: Part 4: Page 21: Line 10: Change (sum) -> (each of which is a sum)

David: Part 4: Page 21: Email other suggestions to the group for action item above.

Jim: Part 4: Add in the 754 operation to C function name binding table as in previous parts into this part.

Jim: Part 4: Get a WG14 document number and post it and ask for review from the 754 group as well.

Study group logistics
    Next meeting date: Thursday, Feb 13?

Part 1
    Status

Part 2
    Status

Part 3
    Review changes
    Discuss next steps

Part 4
    Review changes
    Discuss next steps

Part 5
    Discuss content

Wrap up
    Topics for next meeting