

CGNS Steering Committee Telecon Minutes  
18 February 2014

- 1) The telecon was called to order at 11:00 AM eastern time. There were 6 attendees, listed in Attachment 1.
- 2) The minutes of the 28 January 2014 telecon were approved.
- 3) Status of Version 3.2
  - a) Rumsey released Version 3.2 as official as of Feb 7, 2014.
- 4) Status of other issues (reported by Rumsey)
  - a) AIAA Recommended Practice: For some reason, AIAA has been unable to work with our LaTeX or PDF files. They used canned software to translate the PDF file to a Word document, which introduced hundreds of errors, especially formatting, which make the SIDS document unreadable. AIAA (Amy Barrett) is looking into this further, but we may have to forgo the idea of updating the Recommended Practice.
  - b) CPEX 0038 has been accepted (voted in by Committee). Rumsey to list CPEX 0038 as accepted on website. Rumsey to add CPEX 0038 to documentation.
  - c) CPEX 0039 has been posted (inter-base referencing). We are in comment period now. Call for Committee to review and vote on CPEX 0039 on inter-base referencing will come after March 3.
- 5) Discussion of possible NSF Proposal
  - a) NSF has open call for Software Infrastructure for Sustained Innovation – SSE & SSI (<http://www.nsf.gov/pubs/2014/nsf14520/nsf14520.htm>). Hauser is considering submitting a proposal (15 pages + 1 page summary) for CGNS, to help fund future work. Deadline is March 17, 2014. This could fund one developer for 3 years, plus provide some funds for outreach activities. He would like other interested people on the committee to partner with him on it.
  - b) It was pointed out that we may not have enough work for a full-time developer.
  - c) Suggestion made to contact HDF group to see if they would be interested to partner. They could help work on issues such as optimization, performance, etc.
  - d) STEP was discussed, but it was not clear how that could tie in. A long time ago CGNS had a STEP-related effort (in the ISO activity), but it was never entirely clear how it would work.
  - e) Hauser to contact HDF group and vendor members of the CGNS Steering Committee to gauge their interest in collaborating on NSF proposal.
  - f) Hauser still plans to take a first shot at thoughts for the NSF proposal and share them with the committee.
- 6) Status of Old Action Items:
  - a) Hauser and Duque to continue to look into the consortium idea for CGNS, including more active support of HDF-5 consortium. Also look into applying to

- NSF software infrastructure for sustained innovation by Feb 2014, possibly related to data management plan.
- i) Carries.
  - b) Hauser, Duque, and Iannetti to continue to develop Iannetti's proposal for handling sprays of unconnected points.
    - i) Carries.
  - c) Hauser to finalize the CGNS survey based on feedback from committee members, and email out to CGNSTalk.
    - i) Carries.
  - d) Guzik will summarize the changes required to the MLL software to have core data always start at location (1,1,1) when including Rind data, as well as backward-compatibility implications, to help the Steering Committee decide on a course of action (index discrepancy).
    - i) Carries.
  - e) Hauser will look into the parallel I/O performance issues.
    - i) Carries.
  - f) All: how to handle bug fixes and CGNS extensions in the future?
  - g) Rumsey to poll the remaining committee members to see if any have objections to making V3.2 official.
    - i) Done. V3.2 is now official.
  - h) Rumsey to post new CPEX 0039 to website.
    - i) Done.
  - i) Poinot will provide more details on issues in SIDS/MLL to committee, for committee to consider by next telecon.
    - i) Done.
  - j) Hauser to draft outline of NSF proposal and solicit input from committee.
    - i) Carries.
- 7) Next Telecon date has not been set yet. A confirmation email will be sent prior to the meeting.
- 8) Summary of **action items**:
- a) Hauser and Duque to continue to look into the consortium idea for CGNS, including more active support of HDF-5 consortium. Also look into applying to NSF software infrastructure for sustained innovation by Feb 2014, possibly related to data management plan.
  - b) Hauser, Duque, and Iannetti to continue to develop Iannetti's proposal for handling sprays of unconnected points.
  - c) Hauser to finalize the CGNS survey based on feedback from committee members, and email out to CGNSTalk.
  - d) Guzik will summarize the changes required to the MLL software to have core data always start at location (1,1,1) when including Rind data, as well as backward-compatibility implications, to help the Steering Committee decide on a course of action (index discrepancy).
  - e) Hauser will look into the parallel I/O performance issues.

- f) All: how to handle bug fixes and CGNS extensions in the future?
- g) Hauser to draft outline of NSF proposal and solicit input from committee.
- h) Rumsey to list CPEX 0038 as accepted on website.
- i) Rumsey to add CPEX 0038 to documentation.
- j) Committee to review and vote on CPEX 0039 on inter-base referencing will come after March 3.
- k) Hauser to contact HDF group and vendor members of the CGNS Steering Committee to gauge their interest in collaborating on NSF proposal.

Attachment 1: Attendees

Ken Alabi  
Bob Bush  
Thomas Hauser  
Kaveh Mohamed  
Marc Poinot  
Chris Rumsey

TTC Tech  
Pratt & Whitney  
University of Colorado  
GE Global Research  
ONERA  
NASA Langley