CGNS Steering Committee Telecon Minutes
28 January 2010

1) The telecon was called to order at 11:00 AM eastern time. There were 10 attendees, listed in Attachment 1.

2) The minutes of the 01 December 2009 meeting were approved as posted on the web site. It was noted that the HTML version was not working. Iannetti to fix HTML version of Dec 2009 minutes.

3) Report on AIAA meeting in Orlando. Thomas Hauser and Chris Rumsey presented a CGNS tutorial session at an evening session. It drew approximately 10 attendees. There was good discussion. Rumsey will finalize the new Tutorial presentation slides and send to Iannetti for posting on the website.

4) Website
   a) It was noted that a few things need updating on the CGNS website. Iannetti to post CGNSTalk archive files on the doc webpage. Rumsey to modify 3rd paragraph on "Switch to HDF" page, and also to switch ISO page with the Applications info on the FAQs page.

5) Status of CGNS Version 3.0
   a) 3.0 beta version was released in August 2009. Currently at 3.0.7 (still beta). Can be accessed on SourceForge. It was noted that there was a recent faulty commit that incorrectly removed a flag attribute. Hauser to correct the faulty 3.0 commit and replace flag attribute capability.
   b) Current documentation for V3.0(beta) can be found at: www.grc.nasa.gov/WWW/cgns/beta/index.html.
   c) There was discussion on whether we are ready to make V3 an official release. It was decided that after a final round of testing by Wedan, Hauser, Poinot, and Rumsey, it would be ready to go. No need to wait until the next telecon. Hauser or his student to tar up official release of V3 after final testing and announce it.
   d) Also, Hauser to tar up the docs (developer's documentation) which are part of the release and send to Iannetti for posting.

6) Steering Committee issues
   a) Hauser was re-elected to a second 2-year term as chair by committee vote. His second term will expire in January 2012. We are still looking for a volunteer for vice-chair. Rumsey to email a plea to the committee to try to find volunteer to be vice-chair.
   b) Rumsey to email to Hauser a list of steering committee members who have not participated at all over the last 2 years.

7) Status of previous action items

a) Thomas to update website "Download" page, including making list of what is new in V3.0 compared to V2.5 – including new MLL calls/changes, and either send to Rumsey to post on website or post directly himself.
   i) Carries.
b) Hauser to enable Track/Wiki capability on SourceForge for CGNS.
   i) Carries.
c) Duque and Hauser to continue to look into the consortium idea for CGNS, including more active support of HDF-5 consortium.
   i) Carries.
d) Rumsey to obtain and post Boeing's CGNS translation tools (from Michal) when they are ready.
   i) Carries.
e) Poinot to finish testing the indexing ordering in V3.0.
   i) Done.
f) Poinot to split Rigid Motion Proposal into 2 parts: part associated to families can be accepted/implemented right away.
   i) Carries.
g) Hauser will add HDF-5 parallel code (alpha version) to SourceForge and will let users know when it is available.
   i) Carries.
h) Duque and Hauser to continue to develop proposal for handling sprays of unconnected points.
   i) Iannetti to develop starting point for proposal for handling sprays of unconnected points, and work with Hauser and Duque to bring it to fruition.
i) Wedan to implement partial write fixes for V3.0 applicable to mixed elements, to stop excessive memory usage.
   i) Done for both 2.5 and 3.0.
j) Wedan to document changes to MLL calls for V3.0 (e.g., is_cgns, cg_section_partial_write, cg_element_partial_write), and send to Rumsey and Iannetti for posting to V3.0(beta) docs pages.
   i) Done, but not uploaded yet. Carries.
k) Hauser to fix both the "long" vs "int" issue as well as the problem with the 64-bit cg_goto_f.
   i) Carries.
l) Hauser to make Version 3.0(beta) more accessible and easy to try/use, and also will test on Windows.
   i) No longer considered necessary. Cancelled.
m) Hauser to send details and a link to his recent paper on parallel I/O with CGNS to Rumsey and Ianetti, for posting on the CGNS website.
   i) Carries. Will send AIAA paper and link to IEEE paper.
n) Rumsey to follow up with AIAA about room in Orlando for CGNS tutorial session in January 2010.
   i) Done.

8) Misc. items
   a) Rumsey to email to Weber a list of benefits of CGNS.

b) Iannetti mentioned the R&D 100 award, and thought we should apply for it. <u>Iannetti to email information on submission process for R&D 100 award to Hauser & Rumsey.</u>

9) Next Telecon tentatively set for Thu, March 4, 2010, 11 am eastern.

10) Summary of **<u>action items</u>**:

   a) Thomas to update website "Download" page, including making list of what is new in V3.0 compared to V2.5 – including new MLL calls/changes, and either send to Rumsey to post on website or post directly himself.
   b) Hauser to enable Track/Wiki capability on SourceForge for CGNS.
   c) Duque and Hauser to continue to look into the consortium idea for CGNS, including more active support of HDF-5 consortium.
   d) Rumsey to obtain and post Boeing's CGNS translation tools (from Michal) when they are ready.
   e) Poinot to split Rigid Motion Proposal into 2 parts: part associated to families can be accepted/implemented right away.
   f) Hauser will add HDF-5 parallel code (alpha version) to SourceForge and will let users know when it is available.
   g) Iannetti to develop starting point for proposal for handling sprays of unconnected points, and work with Hauser and Duque to bring it to fruition.
   h) Wedan to document changes to MLL calls for V3.0 (e.g., is_cgns, cg_section_partial_write, cg_element_partial_write), and send to Iannetti for posting to V3.0(beta) docs pages.
   i) Hauser to fix both the "long" vs "int" issue as well as the problem with the 64-bit cg_goto_f.
   j) Hauser to send details and a link to his recent paper on parallel I/O with CGNS to Ianetti, for posting on the CGNS website.
   k) Iannetti to fix HTML version of Dec 2009 minutes.
   l) Rumsey will finalize the new Tutorial presentation slides and send to Iannetti for posting on the website.
   m) Iannetti to post CGNSTalk archive files on the doc webpage.
   n) Rumsey to modify 3rd paragraph on "Switch to HDF" page, and also to switch ISO page with the Applications info on the FAQs page.
   o) Hauser to correct the faulty 3.0 commit and replace flag attribute capability.
   p) Hauser or his student to tar up official release of V3 after final testing and announce it.
   q) Hauser to tar up the docs (developer's documentation) which are part of the release and send to Iannetti for posting.
   r) Rumsey to email a plea to the committee to try to find volunteer to be vice-chair.
   s) Rumsey to email to Hauser a list of steering committee members who have not participated at all over the last 2 years.
   t) Rumsey to email to Weber a list of benefits of CGNS.
   u) Iannetti to email information on submission process for R&D 100 award to Hauser & Rumsey.

Attachment 1: Attendees

Steve Allmaras	Boeing
Juan Alonso	Stanford University
Pat Baker	Pointwise
Thierry Chevalier	Airbus
Thomas Hauser	Northwestern University
Tony Iannetti	NASA Glenn
Marc Poinot	ONERA
Chris Rumsey	NASA Langley
Kurt Weber	Rolls Royce / Allison
Bruce Wedan	SimCosm