

CERES Systems Engineering Committee

Members: Tammy Ayers, SSAI (DM)
Denise Cooper, chair, SSAI (DM)
Tonya Davenport, SSAI (ASDC)
Vertley Hopson, SSAI (ASDC)
Lisa Link, SSAI (ASDC)
Walt Miller, SSAI (DM)
Sue Sorlie, SSAI (ASDC)
Scott Zentz, SSAI (SA)

Charter: Serve as a forum for resolving issues which affect more than one working group. Report to the CERES Data Management Team.

June 13, 2007 9:45 am

The following members were present for this meeting: Tammy Ayers, Denise Cooper, Lisa Link, Walt Miller and Scott Zentz.

Erika Geier handed out a list of 4 items that she would like the committee to address, each were briefly discussed. A second meeting will tentatively be held on Wed. June 27th sometime after 2PM. Lisa Link is looking into exactly what time we can get a conference room at ASDC for the meeting.

Item 1: Provide a list of instructions for delivering code to magneto. Tammy is going to look at some previous instructions that she had written up and expand on them and bring them to the next meeting so they can be discussed and modifications can be suggested and discussed by all members of the committee.

Item 2: F90 Sample Read Packages. Walt Miller wanted to work on this and had asked Ed Kizer before he left User Services to provide him with any existing information/software/etc. that he had been working on while there. Walt did not receive this information prior to Ed changing positions. This will be discussed further at the next meeting.

Item 3: SCF/ASDC op. sys, compiler version, etc. table no longer part of the DMT Status report. This was discussed and the available committee members agree that this chart needs to be available to the DMT. Further discussion on whether this needs to be part of the DMT Bi-weekly Status report, or where this information could be made available will take place at the next meeting.

Item 4: Multiple Subsystem deliveries to the same directories. This was not discussed at this meeting, but will be on the agenda for the next meeting.

new Item 5: ASDC needs to cut down the number of production e-mails going out under the NOMAD system. Operations is developing scripts that can parse for Exit Codes, however, there is no standard message that is consistent between

subsystems that would allow them to easily create scripts that work for all subsystems without several sets of if this subsystem look for this, otherwise, if next subsystem or PGE look for this other thing. They would like us to determine a standard exit message or small set of messages for each subsystem to use to facilitate this effort. This will be discussed in the next meeting. There were a couple of suggestions, however, these need to be discussed to determine the best solution.

The meeting was adjourned to allow the members present to attend the DMT.

Below is the original list of issues provided to the SEC by Erika Geier.

SEC Committee Issues for Resolution

June 13, 2007

- Provide a list of instructions for delivering to magneto. Include delivery to warlock, if it makes sense to do so. Include items that should also be done on SCF computers prior to delivery.
- Some subsystems have something that resembles or could easily be turned into F90 sample read package. If available, could ASDC expand sample read to include F90 version, provide two sample read packages, give user option of which sample read to order, or do something else to make F90 components available to those that want them? Which subsystems can easily provide this additional information? Is it worth ASDC's while?
- Does anyone miss the table which used to be included with the SCF report and provide version number information for all the major components of the ASDC and SCF systems? Would it be worth asking the SCF to include the table once again?
- In some cases, multiple subsystem deliveries get made into the same directory. (Examples: 6&9, 5&7.2, 10&7.1&8) What are the pros and cons of delivering each subsystem to a separate directory? My great concern is that a delivery of a later subsystem could overwrite portions of an earlier, different subsystem delivery. One would then no longer be able to compile the earlier delivery from the directory or the tar file. If there were multiple deliveries, one might not know at which point the problem began.