Summary Notes - First UMAC* Meeting

- Co-chair Fred C. opened the UMAC meeting with a roll call and thanked the members for accepting the role of being on the Committee; he also thanked Ricky Rood for being the co-chair.

- Bill L. thanked the Committee for accepting the challenge and provided the group with an overview that included: 1) background and motivation for the review; 2) current status of the supercomputer and modeling suite; 3) his perspective of the UMAC expectations. He noted that all the NOAA modeling projects were not tied together well and that UMAC can help bring about a strategic and coordinated approach to the production suite. This can be accomplished via a three-way interaction between the modelers, stakeholders and UMAC.

- Rick R. asked if the scope of the review included seasonal and even decadal time scales. Bill L. indicated that the current NCEP mission extends out to the seasonal to inter-annual time scales so that would be within scope of the review; however, decadal is more in the research area and should not be a part of the review.

- Rick R. and Peter N. sought clarification if work from the Committee would be used to influence short-term decisions to fill Phase 2 of the supercomputer. Bill L. responded by saying that planned upgrades will take bulk of the current computing space and that UMAC work would be used to make decisions for the next computing upgrade from 0.7 petaFLOPS (Phase 2 - Old Contract) to the 2.5 petaFLOP system (Task Order 4 - New Contract System) – late fall 2015.

- Tom H. asked if UMAC recommendations need to be the same as in current UCACN reports. Bill L. said the UMAC is a new mission with different objectives, and it can provide its own recommendations.

- Brian C. initiated a discussion on NCEP's R&D HPC capacity, and NCEP will provide a summary of the various computers used to UMA.

- Cliff M. stated a website with pertinent information for Committee members should be developed; content will need to be identified.

- Cliff M. stated a listserv or some other forum should be established for internal Committee member communication. Ricky R. offered to establish a secure listserv for the group.

- Cliff Mass stated that gathering stakeholder input was critical. Bill L. indicated he has reached out to the NWS Social Science focal point who will assist and that some stakeholder input was received during the development of the NCEP Strategic Plan last year. Fred C. said that two subgroups should be formed with Cliff M. in charge of developing user/stakeholder groups, and Ricky R. in charge of creating appropriate website and communication tools to facilitate UMAC work. Ricky R. and Fred C. noted that all UMAC members could reach out to other interested groups or networks to obtain input. Bill L. noted that what questions are asked is important, and the Social
Science people can help with that. Hendrik T. welcomed this stakeholder effort and encouraged UMAC to seek out all important stakeholders.

- Bill L. indicated he was doing a Town Hall Meeting at the AMS Broadcasting Conf. that he could use to obtain input, and perhaps one should also occur at the NWP/WAF Conf. in early July.

**Actions**

1. Provide copy of current modeling production suite (NCEP/Bill L)
2. Provide copy of the 2014 Annual Production Suite Reviews (NCEP/Bill L)
3. Provide breakout of computers that NCEP does modeling work on (NCEP/Bill L)
4. Develop UMAC website (UCAR/Fred C./Ricky R.)
5. Identify webpage content (Ricky R)
6. Establish a listserv or some other forum for internal member communication (Ricky R)
7. Identify stakeholders and communities to solicit input (Cliff M.)
8. Provide current plans for use of Phase 2 - Old Contract and Task Order 4 - New Contract System HPC capacity
9. Provide other modeling plans

*UMAC: UCACN Modeling Advisory Committee, where UCACN is the UCAR Community Advisory Committee for NCEP*