

AMS Satellite Meteorology, Oceanography, and Climatology Committee Meeting Summary

1. **Meeting Participants:** The following people participated in the AMS Satellite Meteorology, Oceanography and Climatology (SatMOC) Committee meeting held on Wednesday, January 13, 2016, 6:30-8:15 a.m. (CST), in the Hilton New Orleans Riverside in conjunction with the 96th AMS Annual Meeting in New Orleans, Louisiana.

NAME	ORGANIZATION	E-MAIL
Steven Ackerman	University of Wisconsin-Madison	stevea@ssec.wisc.edu
Phil Ardanuy	Innovim	pardanuy@innovim.com
Ken Carey	ERT, Inc.	ken.carey@ertcorp.com
Marie Colton	Harris Corporation	mcolto02@harris.com
Jordan Gerth	UW-CIMSS	jordang@ssec.wisc.edu
Mitch Goldberg	JPSS	mitch.goldberg@noaa.gov
Xianglei Huang	University of Michigan	xianglei@umich.edu
Jennifer Ives	AMS	jives@ametsoc.org
David Lubar	Aerospace Corporation	david.g.lubar@nasa.gov
Gary McWilliams	JPSS/ARL	gary.mcwilliams@noaa.gov
Ethan Nelson	University of Wisconsin-Madison	ethan.nelson@wisc.edu
Derek Posselt	University of Michigan	dposselt@umich.edu
Ricky Sidla	AMS	rsidla@ametsoc.org
Dave Stensrud	PSU/AMS STAC	david.stensrud@psu.edu
Rolf Stuhlmann	EUMETSAT	rolf.stuhlmann@eumetsat.int
Bruce Telfeyan	557 th Weather Wing/AMS STAC	rbt48@cox.net
James Yoe	JCSDA	james.g.yoe@noaa.gov

2. **Agenda/Discussion Highlights:**

- Welcome/Opening Remarks: K. Carey thanked the committee members for their dedication, involvement and participation in numerous important committee activities, and thanked everyone for their support for committee initiatives and activities.
- Highlight Committee Member News, Recent Events:
 - K. Carey thanked D. Posselt for his outstanding service as a committee member and trusted colleague, and presented him a certificate as a way of recognizing his committee service
 - K. Carey will be rotating off as committee chair in January 2018 so interested committee members should contact him so that we can start a formal transition in 2017
 - New committee member Dr. Xianglei Huang from the University of Michigan was introduced
 - K. Carey congratulated P. Ardanuy as a newly-elected AMS Councilor
- Review Action Items from our November 9, 2015 Committee Meeting:
 - J. Yoe: Develop an award justification and citation supporting our selection of Greg Mandt as our STAC Award winner. **STATUS: Closed**
 - K. Carey: Approach S. Volz to recognize G. Mandt with our AMS STAC Committee Award. **STATUS: Closed**
 - J. Gerth: Will reach out the AMS Director of Publications (Ken Heideman) about animations in on-line publications **STATUS: Open**
 - G. McWilliams/J. Yoe: Finalize preparations for the 12th GOES-R/JPSS Symposium as part of the 10-14 January 2016 96th AMS Annual Meeting in New Orleans. **STATUS: Closed**

- J. Gerth: Reach out to the Madison CVB for 2016 meeting promotion and to identify possible sponsors. **STATUS: Flyer developed; sponsors being considered**
- B. Kahn: Develop a message to promote 15-19 August 2016 Joint 21st SatMOC- 20th Air-Sea Interaction Conference in Madison, WI. **STATUS: Closed**
- E. Nelson: Tailor B. Kahn's message and send to the AMS for AMS blog/social media dissemination **STATUS: Open**
- K. Carey/J. Gerth/B. Kahn/E. Nelson: Continue preparations for the 15-19 August 2016 Joint SatMOC-Air-Sea Interaction Conference in Madison, WI, to include finalizing the Scientific Program Committee **STATUS: Ongoing**
- K. Carey/R. Stuhlmann: Finalize an MOU between the AMS and EUMETSAT for the 2019 Joint EUMETSAT-AMS Satellite Conference. **STATUS: Ongoing**
- P. Ardanuy: Lead a small committee that will acquire sponsors for the 2016 and 2019 joint SatMOC meetings **STATUS: Ongoing**
- Discuss our Proposed Goals/Focus Areas
 - Promote and support involvement and engagement by AMS members in national and international satellite meteorology, oceanography and climatology meetings, events, and activities
 - 6th Asia-Oceania Satellite Meteorology Users Conference, 9-13 November 2015, Tokyo, Japan; **NOAA well represented, and several committee members made presentations**
 - 96th AMS Annual Meeting, 10-14 January 2016, New Orleans, LA; GOES-R/JPSS Short Course; **short course went well with 40 people registered**
 - Joint 21st AMS Satellite Meteorology-Air-Sea Interaction Conference, 15-19 August 2016, Madison, WI; **preparations under way; focus now is on:**
 - ✓ **Meeting awareness/promotion: K. Carey developed a message; Madison CVB developed a conference flyer (K. Carey provided)**
 - ✓ **Organizing a Scientific Program Committee: K. Carey has proposed the following people be a part of this committee: Chris Velden, Fuzhong Weng, Mitch Goldberg, Jordan Gerth, Jun Li, Wayne Feltz, Phil Ardanuy, Steve Goodman, Jim Gurka, Tim Schmit, Ethan Nelson, Gary McWilliams, Song Yang, Chris Ruf, Marie Colton, and Ralph Ferraro (Working)**
 - ✓ **Acquiring sponsors for special/side/social events: P. Ardanuy to coordinate/lead this (Working)**
 - 41st NWA Annual Meeting, 10-15 September 2016, Norfolk, VA; **K. Carey is meeting co-chair; asked B. Sjoberg to organize/coordinate satellite activities**
 - EUMETSAT Satellite Conference, 26-30 September 2016, Darmstadt, Germany
 - Joint 2nd AMS-7th Asia-Oceania Satellite Meteorology Users Conference, October/November 2016, South Korea; **preparations underway**
 - 97th AMS Annual Meeting, 22-26 January 2017, Seattle, WA; GOES-R and JPSS Short Courses; **preparations just starting**
 - 2017 NOAA Satellite Conference (Date/Location TBD)
 - 98th AMS Annual Meeting/22nd AMS Satellite Conference, 7-11 January 2018, Austin, TX
 - Joint AMS/EUMETSAT Satellite Conference, September 2019, Boston, MA; **preparations just starting**
 - Support awareness of satellite meteorology, oceanography and climatology issues and activities through the AMS committee web portal (Justin Tsu, Ken Carey)
 - **J. Tsu continues to do a great job at keeping our committee web site up to date; please provide your feedback on how our web pages can be improved**
 - Update the 5-Year SatMOC Committee Plan (Ken Carey)
 - **K. Carey submitted our new 5-Year Plan (2016-2020) to the AMS**
 - Promote excellence in satellite meteorology, oceanography and climatology by supporting awards to recognize extraordinary people (James Yoe and Jianglong Zhang)

- Although we resubmitted our Fellow Award package, our proposed awardee was not selected this year; need to resubmit with better justification
- STAC has rejected our STAC Award nomination but instead has asked that we reserve STAC Awards for committee members. Instead, they recommend either a Named Session, Named Symposium or an AMS award.
- K. Carey reminded everyone of the opportunity to nominate deserving candidates to another AMS committee for the AMS Remote Sensing Prize
- Advocate for science-based decisions related to or involving satellite meteorology, oceanography and climatology systems, techniques, products and tools (Carol Anne Clayson)
- K. Carey thanked C. A. Clayson, with much help from David Lubar, for leading our committee's efforts in successfully getting a joint letter signed by the AMS and NWA Executive Directors submitted to the FCC (see the letter at <https://www2.ametsoc.org/ams/index.cfm/about-ams/ams-formal-letters-of-support/joint-letter-with-nwa-concerning-possible-sharing-of-satellite-spectrum/>), and the current RF statement at <https://www2.ametsoc.org/ams/index.cfm/about-ams/ams-statements/statements-of-the-ams-in-force/radio-frequency-allocations-for-meteorological-operations-and-research/>
- Next steps are to update the AMS Statement on Radio Frequency Allocations and engage the weather enterprise.
- There are new domestic and international regulatory activities this year concerning microwave bands above 6 GHz, and potential activities in the lower portion of the existing NWS radiosonde and GOES/GOES-R L-band broadcast downlink band.
- Jon Porter is the chairman of the Ad Hoc Committee on Frequency Management and basic data on this topic will be hosted at the following address: <http://www2.ametsoc.org/cwwce/index.cfm/committees/ad-hoc-committee-on-radio-frequency-allocations/>
- **Other Discussion**
 - Need to recruit more female committee members (e.g., Pat Maloney, Aerospace)
 - Consider focus for August 2016 Joint SatMOC-Air-Sea conference: consider alternative architectures, small satellites, observing the earth, joint session with SPIE, societal benefits, inviting Dr. Volz), a short course/training, focus on the Great Lakes, etc.
 - Need to develop a theme for the 2019 Joint EUMETSAT-AMS Satellite Conference
 - Consider focus for October 2016 AOMSUC-7/AMS-Asia-2/KIMSC-2 conference: reaching users in the Pacific Basin (e.g., training, microwave (e.g., ATMS), data storage, Decadal Survey, cube sats, Air Quality forecasts, societal benefits, etc.)
- **STAC Committee News**
 - Suggest you go to <https://www2.ametsoc.org/stac/index.cfm/news-reports/> for more information
 - See a very helpful "Best Practices for STAC Boards and Committee found at <https://www2.ametsoc.org/stac/index.cfm/chair-member-information/stac-board-committee-best-practices/>.
- **The next SatMOC Committee meeting will be in April 2016.**

3. New/Ongoing Action Items:

- K. Carey: Submit to the AMS a request for approval of a Named Session regarding Greg Mandt at the August 2016 Joint SatMOC/Air-Sea Interaction Conference
- G. McWilliams and J. Yoe: Send K. Carey a paragraph summary of your symposium at the 96th AMS Annual Meeting.
- All: Create a theme for the 21st SatMOC conference in Madison that may include small

satellites, alternative architectures, observing the earth, societal benefits and applications, and joint session with SPIE

- P. Ardanuy: Coordinate committee outreach to sponsors for the August 2016 Joint satellite/air-sea conference.
- P. Ardanuy: Lead a small committee that will investigate potential sponsors for the 2016 (South Korea) and 2019 (Boston) joint international SatMOC meetings
- G. McWilliams/J. Yoe: Start preparations for the 13th Annual Symposium on New Generation Operational Environmental Satellite Systems as part of the January 2017 97th AMS Annual Meeting in Seattle.
- P. Ardanuy: Coordinate committee outreach to sponsors for the August 2016 Joint satellite/air-sea conference.
- B. Kahn: Develop a message to complement the flyer to promote 15-19 August 2016 Joint 21st SatMOC- 20th Air-Sea Interaction Conference in Madison, WI.
- K. Carey/J. Gerth/B. Kahn/E. Nelson: Continue preparations for the 15-19 August 2016 Joint SatMOC-Air-Sea Interaction Conference in Madison, WI, to include finalizing the Scientific Program Committee
- G. Paquero: Finalize hotel/venue arrangements for the between the AMS and EUMETSAT for the 2019 Joint EUMETSAT-AMS Satellite Conference.
- R. Stuhlmann: Confirm with EUMETSAT that, for the 2019 Joint EUMETSAT-AMS Satellite Conference, having a conference starting on Tuesday morning and Tuesday-Friday (full days) will be okay (Monday reception and/or training only)