

IEEE Electromagnetic Compatibility Society Special Committee 7: Aeronautics and Space EMC Meeting Minutes

Place: Long Beach Convention Center, Long Beach, CA
Date: Wednesday, 1 August 2018
Time: 1200 - 1330 hrs
Room: 201A

Chair: Jim Lukash
Vice Chair: Pablo Narvaez
GOLD Officer: Jen Dimov
Secretary: Paul Edwards

- Welcome & Introductions (Chair)
 - Jim Lukash welcomed all participants and invited them to enjoy the provided lunch buffet.
 - Personal Introductions – Jim noted that a very good cross-section of the industry was represented at the meeting.
 - A Webex was trialed to enable participation by members who couldn't travel for the Symposium. If all goes well, SC7 will continue to offer this service at future Symposiums
 - Sign-in sheet was circulated. Recorded 34 attendees, plus 2 online. (New membership list attached)
- Review of Meeting Agenda (Chair)
 - Jim presented a review of the agenda – No additional agenda items were noted at that time.
- Review and approval of the August 8, 2017 meeting minutes (Secretary)
 - 2017 meeting minutes were sent to the recorded membership distribution by the outgoing Secretary - Ray Perez, after the 2017 meeting, and were sent again, by incoming Secretary – Paul Edwards – prior to the 2018 Meeting. No update requests were received. 2017 minutes approved. Ray, Thank you for your service to SC7 – Appreciated by all.
- Review of SC-7 Charter and Membership Criteria (Chair)
 - Jim described the Charter our committee:
 - Concerned with EMI/EMC issues in aircraft, spacecraft & space launch vehicles, both robotic and crewed.

- Aerospace Environment presents unique challenges that influences the design, development, test and operation of aerospace systems, in order to avoid EMI and achieve EMC.
 - Aerospace & Space EMC covers broad range of topics from the part level (part, board, box, system, multi-system, & platform) through planetary and interplanetary environment levels.
 - Harshness of the environments (atmospheric, launch and space) generally necessitates a broader view of EMC issues than most terrestrial practitioner's face that leads to creative methods for solving problems that readily translate to applications on Earth.
 - What does this committee actually do? We serve to:
 - Be a resource to EMC Society Board of Directors on all matters associated with Aeronautics and Space EMC.
 - Organize Special Sessions of invited papers and workshops at Symposium
 - Help recruit authors for papers, poster papers at annual symposium and articles for society's journal /newsletter.
 - For those that have interest in authorship feel free to contact us any time and we will help you to get it done.
 - Provide SME's to peer review papers in order to ensure high quality of papers submitted for publication at annual symposium
 - Initiate and/or contribute to standards activity in our technical area.
 - Monitor and inform the larger membership of new developments in our technical area.
- Review of the Committee Membership (Secretary & Chair)
 - Normal to have periodic elections for officers – SC7 elected for a two-year cycle, and may stand for re-election multiple times.
 - One Officer in Training – currently Jen Dimov, but we are open to multiple persons for the position. Non-Voting positions.
 - All formal officer positions are up for re-election at this time.
 - Election of Officers for period 2018-2020
 - Chair

- Pablo Narvaez nominated Jim Lukash/seconded Chuck Bunting
 - From floor Pablo Narvaez was nominated/seconded Jim Lukash
 - Secretary took count: 27/36 attendees favored Jim Lukash – Chair
 - Vice Chair
 - Pablo Narvaez was nominated by Jim Lukash
 - No other nominees – Pablo Narvaez remains in position
 - Secretary
 - Paul Edwards Nominated by Vice-Chair/seconded
 - “Officers at Large”
 - Jennifer Dimov – nominated by Chair/seconded
 - Manuel Soriano – nominated by Vice Chair/seconded
 - Edward Gonzales – nominated and accepted
- Special Outstanding service award to Pablo Narvaez
 - Chair got sick (yes, seriously sick) with hospitalization for most of the first quarter 2018.
 - Pablo took on the lead for SC7 and Organized/Handled paper reviews for 2 symposiums (Asia & Long Beach)
 - Officers conspired to present him with an award for his outstanding service to SC7/ EMC Society.
- Review Merger of SC6 & SC7 Committees (Chair)
 - SC6 (UAV) & SC7(Aero/Space) had significant overlap in both membership and technical areas of interest.
 - Merger Vote held in both committees – voted to pursue merger.
 - TAC approved – SC7 selected to remain, SC6 returned to open slot.
 - No impact to membership – all merged as part of SC7
 - Special Interest sub-committees within SC7 are encouraged.
 - Leadership is open to this and can support formation
- Review SC7 Activity & News for 2017-2018 (Chair)
 - Symposia
 - SC7 supported
 - Wasington DC (2017)
 - Singapore (2018)
 - Argentina (2018)

- Long Beach (2018)
 - Diversity & GOLD commitment
 - Standards Activity
 -
 - SC 7 - Five Year Plan
 - Application for TC
- OLD business (Chair)
- NEW Business (Chair)
- Plans for July 2019 Symposium in New Orleans (Chair)
- Closing Remarks (Chair)
- Adjournment

See you all @ 2019 IEEE EMC Symposium in New Orleans

Minutes will be published to membership distribution within 14 days for review and comment. (Secretary) - Late, Sorry! – will do better next time 😊