APPROVED MINUTES

OF THE IEEE EMC SOCIETY BOARD OF DIRECTORS MEETING

The Tuscan Hotel
San Francisco, California
May 24-25, 2016

MEMBERS PRESENT (21)

B. Archambeault
T. Braxton
C. Bunting
R. Carlton
C. Chan
L. Cohen
H. Garbe
E. Hare
J. Hill
H. Inoue
I. Kasperovich
R. Koga
J. LaSalle (via telecom)
D. Lewis
M. Montrose
M. Oliver
J. O'Neil
V. Rajamani
F. Sabath
C. Sartori
D. Sweeney

ABSENT (7)	**GUESTS (6)**
C. Brench	A. Duffy
R. Davis	E. Joffe
D. Heirman	W. Moses
W. Lumpkins	M. Violette
J. Norgard	B. Weeks
R. Scully	K. Williams (via telecom)
V. Rodriguez	

1.0   THE PRESIDENT'S OPENING REMARKS

President Frank Sabath called the meeting to order at 9:00 am. A round of introductions was made. He reviewed Board meeting protocol, the IEEE code of ethics, and upcoming activities (see President's Introductory Remarks). He reminded Board members of the material on the Board FTP site and asked that everyone remember to review this prior to the Board meetings (ftp://ewh.ieee.org).

2.0   CONSENT AGENDA MOTIONS

The meeting agenda was presented for review. (See Draft Agenda dated May 24-25.) The consent agenda motions included the following items:

- Approve May 2016 Meeting Agenda
- Approve Secretary's Report – December 2015 Meeting Minutes
- Approve $30K short term loan to EMC 2017 committee
- Approve Certificate of Appreciation, Certificate of Acknowledgment and Certificate of Recognition Awards on consent agenda (previously circulated to Board)

The agenda was approved by acclamation.

3.0   PRESIDENT'S REPORT

Frank Sabath reviewed the activity of the Excom meeting held the previous evening. The meeting addressed administrative points including the agenda review, motions to be presented, etc. All items discussed are included on the meeting agenda.   (See President's Report.)

He also reviewed the February 19, 2016 Excom agenda. This was a 90 minute telecom that addressed the following items:
- Report from SRC Review
- EMC-S BoD delegation to APEMC 2016
- EMC-S BoD delegation to 2016 ESA Workshop on Aerospace EMC
- Discussion of the iNARTE survey
- iNARTE Activities at EMC2016 Ottawa

He reviewed the EMC Society Review report generated from the February TAB meetings.   The suggestions for EMC Society improvement are outlined in the report titled "February 2016 SRC Recommendations."   This also shows the EMC Society's "Best Practices" to share with other IEEE Societies.

Board of Directors External Activities – This included the conferences of APEMC and ESA. Don Heirman represented Frank Sabath at the APEMC conference in Shenzhen, China over May 18-21, 2016. A luncheon was held there to recognize the APEMC conference leaders. (See APEMC Report.)   Bob Scully and John Norgard are attending the ESA conference in Spain over May 23-25, 2016.

4.0   IMMEDIATE PAST PRESIDENT REPORT

Frank Sabath presented the past president's report on behalf of Bob Scully who could not attend the meeting. He discussed the election of directors at large for 2016-2018. (See EMC Society Board Election Status.)

To date, seven candidates have submitted properly completed Nomination and Signature forms; two have partial submittals and are expected to complete their packages before the deadline of 27 May 2016. There are nine total candidates, including Benitez (Region 6), Davis (Region 1), Duffy (Region 8), Fan (partial; Region 5) Leferink (Region 8), Norgard (Region 5), Sartori (Region 9), Violette (Region 2), Wu (partial; Region 10). At present, we have all but Region 7 covered (two sitting Board members from Region 4, one from Region 3), so may need a Canadian candidate.

5.0 TREASURER'S REPORT

John LaSalle presented a report on EMC Society finances. (See 4th Qtr Treasurer's Report.)   He provided an overview of 2015 Operations noting:

- As of FM14, the Society finished with a deficit of $280.8k (-$280.8k).
- The target budget was a deficit of $0.5k
- What happened?
  - Unbudgeted Investment Returns -$146.3k variance
  - Meetings and Conferences -$141.9k variance; ($341k budget,$199k actual); Bruce Archambeault will address these conference surpluses being lower than projected in his Conferences report
  - Committee/Other -$11.8k variance; John advised this is a cost center we can control and have managed well this year

The report provides a review of the new initiatives implemented by the EMC Society as well as a review of travel expenses in 2015.

Regarding the 2016 Operations overview, John noted that as of the end of April, the EMC Society is operating at $70.9k; this is under budget. The target budget is a deficit of $84.6k (-$84.6k). The report reviews the new initiatives planned for 2016 and provides a conference surplus history from the years 2008 – 2015.

The 2017 budget is under development.

6.0   STANDARDS SERVICES

Alistair Duffy presented this report in the absence of Don Heirman, Vice-President for Standards. (See Standards Summary Report.) He noted leadership of the Standards Development and Education Committee (SDECom) includes Alistair Duffy as Chair, Craig Fanning as Vice-chairman, and Ghery Pettit as Secretary.

Alistair noted the last couple of years have seen a growth in Standardization activity within the Society. His report outlined the newly approved standards projects and those seeking approval. It also highlights some of the main discussion points arising from the SDECom meeting held on May 23. He also shared some of the key points arising out of the standards liaison (SACCom) work.

During the SDECom meeting on May 23, the approved standards projects reviewed included:
- P370 SI of PCB interconnects to 50GHz
- P1848 Risk Management
- 1597.1 CEM Validation
- P2710 Bags and pouches
- P2425 "Standard for Electromagnetic Compatibility Testing of Electrical and Instrumentation and Control Equipment at Nuclear Power Generating Stations and Other Nuclear Facilities" Joint with PES/Nuclear

- 187 – Emissions from broadcast receivers

Standards projects awaiting approval included:
- 473 Site survey (10kHz – 40 GHz)
- P2716 Board level shielding
- P2715 Planar materials
- P1897 Recommended practice for the resolution of power line noise. This working group is active, some administrative issues to take care of. A draft will be available for SDECom vote in Ottawa, ideally

Several standards working groups will be meeting in Ottawa during the IEEE EMC Symposium to further their activity. Please see the symposium website for the schedule of meetings. They are listed in the final program and are open to all interested in attending.

Significant time was spent during the SDECom meeting discussing the new P&P document and, in particular, member responsibilities. Moving forward, the committee plans to:
- Set up a task group to review our communications ("traditional" and social media)
- Angel assignments to WGs based on need rather than assuming every WG will have one
- Introduce a role within the committee with responsibility for supporting procedural matters
- Develop video shorts to promote involvement in standards as well as education on aspects of development

Regarding the Standards Advisory and Coordination Committee (SACCom), leadership includes John Norgard as Chairman, Andy Marvin as Vice-chairman and Don Heirman as Secretary. The SACCom membership list is available at http://www.emcs.org/standards/saccom/sac-members.html.   Unfortunately, SACCom leadership could not be there for the meeting on May 23. Discussion addressed a variety of reports, particularly looking for areas that could benefit from EMC Society input or could input to EMC Society standardization. Of particular interest is the proposal for ANSI to develop a partner standard to our redevelopment of 473 (site survey emissions).

7.0   MEMBER SERVICES

Vignesh Rajamani, Vice-President for Member Services, presented his report. The Annual EMC Society Awards were reviewed.   (See EMCS Awards Ottawa.)

Vignesh noted the awards committee members include Perry Wilson (Chair), Bruce Archambeault, Don Heirman, Erping Li, and Farhad Rachidi. Frank noted motions for awards are presented from the committee so no second is needed to the motion.

The awards were reviewed along with letters of support and recommendations from the committee on each award. The awards approved during the Board meeting included:

- EMC Society President's Memorial Award - Presented in memory of Guy deBurgh and Bill Kimmel to Ying Cao, University of Hong Kong

- Richard R. Stoddart Award for Outstanding Performance - David Pommerenke (Don Sweeney and Carlos Satori abstained from voting on this award.)

- Laurence G. Cumming Award for Outstanding Service - Mark Steffka

- Hall of Fame Award - Dave Staggs and Kimball Williams

- IEEE Fellow Award - Silverio Visacro, Jun Fan and Joungho Kim

- Technical Achievement Award - Zhiping Yang, En-Xiao Liu and Youji Kotsuka

- Honored Member Award - Flavio Canavero

- IEEE James C. Klouda Memorial Scholarship Award - Eric Pollmann, Georgia Institute of Technology

- 2015 Symposium Chair Awards – Caroline Chan and Hans Georg Krauthäuser

- Certificate of Recognition - Luigi Martirano

- Certificate of Acknowledgement - Domenico Festa, Tzong-Lin Wu and Frederick Heather

The names presented for the Certificate of Appreciation were approved as shown in the report with the exception of Domenico Festa who was recognized with the Certificate of Acknowledgement as above.

The Richard R. Schulz, Moto Kanda, and Student Design Awards were approved as presented in the report.

On the Outstanding Educator Award, the motion on this award was tabled.

Vignesh Rajamani closed his report by noting we do not have a Chapter Coordinator. Sergio Pignari is stepping down from this role. Caroline Chan volunteered to be the new Chapter Coordinator.

8.0   iNARTE/EXEMPLAR GLOBAL

Brian Weeks and Elya Joffe of iNARTE (Exemplar Global) discussed the iNARTE program. (See iNARTE EMC Member Interest Survey, May 2016.)   They showed the results of the survey conducted by Lesleigh Campanale, Manager, IEEE Strategic Research. The Purpose of the survey was to assess awareness, perception, and interest in iNARTE certification among EMC Society members. There was a 22% response rate (597 responses) which is very good for survey.   Key takeaways from the survey include:

- Awareness of iNARTE is moderate with just over half (57%) who are aware
- The percentage of EMC members who view iNARTE favorably is low at 24% of the total population
    - Of those who were aware of iNARTE, perception is moderate with about half (52%) who view iNARTE favorably
- Just 7% of EMC members said they are likely to become certified while 22% said they are not

Following the survey review, Elya presented an update on iNARTE activity. (See iNARTE Report May 2016). The report listed actions related to "Delivery against Promise to EMCS" as a result of the Board meeting discussion in early December 2015. As a result, the goal is to rebuild the relationship between iNARTE and the EMC Society. They would like to have a regular iNARTE column/editorial in the EMC Magazine. During Annual Symposia, they plan to attend and report at the Board meeting(s), at the TAC meetings and at the TC1 and Education meetings. The report also includes the plans for iNARTE product and market development.

Frank noted that he and the Board appreciated that Elya and Brian listened to the Board's comments/concerns on the iNARTE program and addressed these successfully.

Bruce Archambeault moved to give a vote of support to iNARTE and continue work towards an MOU between iNARTE and the EMC Society. The motion was seconded and approved.

9.0 TECHNICAL SERVICES

Chuck Bunting presented the Technical Services report in place of Colin Brench who could not attend the meeting. (Note this was a verbal report – a Technical Services Report power point was not provided.)

He noted the Technical Advisory Committee (TAC) officers include Jun Fan (Chair), Chuck Bunting (Vice-Chair), Xiaoning Ye (Secretary) and Bruce Archambeault (Past Chair).

The committee held a March 2016 telecom and a May face-to-face meeting to discuss the Ottawa technical program. TAC will also hold July 2016 face-to-face meetings during the Ottawa Symposium (two meetings).

The committee continues to address revitalizing the Education Committee to get more active volunteers. Frank expressed concern that we are focusing on students only, and not long life learning or education of older members.

Chuck led a discussion on TC5 – High Power Electromagnetics. (See TC5 Scope Motion Report.) A change in the TC5 scope is needed. This would be a small change to take care of the interference problem (denial of service) which occurs when repetitive fields are sent (IEMI) at equipment to stop cable and on board communications. This has been demonstrated in the lab. The problem (regarding the scope) is that the field levels necessary to cause these problems are not extremely high (not really high power).

A revised TC5 Scope was presented as follows (with new wording in red font): "This committee is concerned with the effects and protection methods for electronic equipment and systems for all types of high power and other electromagnetic threat environments. These environments include electromagnetic pulse (EMP), intentional EMI environments (i.e., narrowband and wideband), lightning electromagnetic currents and fields, electrostatic discharge and geomagnetic storms. In addition this committee deals with the commercial data security issue through electromagnetic information leakage activities. Interactions with subsystems, systems and platforms are included."

Chuck Bunting moved to approve the revised TC5 scope as presented. The motion was seconded and approved.

Mike Violette gave a presentation on IoT/IoS activity. (See IoT Report.) The report provides an introduction to IoT and how this relates to our everyday way of life and doing business, including machine-to-machine communication, 5G, and EMC. In short, after 20 years of Wi-Fi capabilities, there are over 25 billion connected devices globally. IEEE defines IoT as "A network of items—each embedded with sensors—which are connected to the Internet." There are over 300 organizations that are currently sponsoring conferences and meetings focused on IoT. How does the IEEE stand out as the lead Organization for IoT – what does it take to have influence and impact? The IEEE is creating an IoT Initiative (Governance Board) to address this. Should the EMC Society be one of the many Societies supporting this initiative? If so, in what areas can we best contribute our expertise?

Bruce Archambeault moved to investigate becoming a member of the IEEE IoT Governance Board at a cost of $30K/year and provide a recommendation for EMC Society involvement at the Ottawa Board meeting.   The motion was seconded and approved.

10.0 DIVISOIN IV DIRECTOR PRESENTATION

William (Bill) Moses presented a report on IEEE in the year 2030. (See EMC AdCom Moses Report.) The report outlines the current IEEE organizational structure. In short, IEEE is finding member volunteers are required to spend more time as a Board member between attending Board meetings and TAB meetings. The organizational process is getting increasingly complicated and time consuming – as well as inefficient. Members do not have the time available to support this trend. Bill noted he was a member of 11 Board committees in 2015.

Bill shared that the IEEE plans to revise its organizational structure and constitution to become more efficient and less demanding timewise of its Board members. The report outlines the proposed plans and objectives with the organizational changes. Bill noted he was available should anyone have questions on the report.   He can be reached at wwmoses@lbl.gov.

11.0 CONFERENCE SERVICES

Bruce Archambeault presented his report. (See VP Conferences Report.) He noted his committee includes:

- International Conference Committee Chair: Tom Braxton
- Symposia Finance Chair: Bob Hofmann
- Site Selection Committee Chair: Darryl Ray
- Symposium Publicity Committee Chair: open
- Global EMC Symposia Co-Sponsorship Chair: Alistair Duffy
- Exhibitors' Liaison Chair: Martha Hallman
- Regional Conferences Chair: Janet O'Neil
- Symposium Continuity Committee:
    - John LaSalle
    - Janet O'Neil
    - Bob Davis
    - Rhonda Rodriguez
    - Bonnie Brench
    - Bruce Archambeault

On the EMC Symposium in Dresden, Bruce noted the audit has been completed and there is no surplus. The cost of food was higher than expected while revenue from booth rental was much lower than budget. Many lessons were learned including an exhibition is strong in the US, but not so much in Europe and Asia. Conference management (VDE) did not perform up to expectations.   Bruce recommends we plan only workshops/tutorials, panel discussions, and abstract reviewed papers for IEEE EMC in Long Beach in 2018.

His report included a review of current activity for the Ottawa 2016 symposium.   Plans for EMC 2016 are progressing well with no issues approaching "crisis" or "emergency" or even "urgent" status. Finances are healthy with revenue from vendors and attendees coming in regularly. The cumulative balance in both US and Canadian accounts is approximately $500,000. At present, all venues are booked. All events, with some minor exceptions, are scheduled.   Papers submission is closed with a healthy response of 172 papers accepted. At present, 168 exhibit booths have been sold; this is on par with previous years.   On the technical program, there will be six

parallel workshops and tutorials and ten demonstrations are scheduled for the week. Discussion panels on both Space and Military topics are scheduled throughout the week. Exhibitor Liaison Martha Hallman will conduct the exhibitor breakfast in Ottawa.

The report includes a review of future symposiums EMC 2017 in Washington DC thru EMC 2019 in New Orleans. In 2018, the IEEE EMC Symposium will be jointly held with the APEMC conference in Singapore. The symposium general chair is Erping Li; the technical program chair is Jun Fan. Bruce discussed the importance of the EMC Society coordinating technical activity with the growing EMC Community in Asia.

Bruce Archambeault moved to approve a deposit of $9,000 for the Convention Center space in Singapore for the joint IEEE International EMC and APEMC symposium (this reporesents one-half of the initial deposit required; APEMC will pay the other half). The motion was seconded and approved.

Bruce provided a report on IEEE EMC Symposium attendance from 2002-2015. This shows a general decline in attendance.

Bruce provided a review of GEMCCON 2015 in Australia. He discussed plans for GEMCCON 2016 in Argentina over November 7-8. In 2017, GEMCCON will be held in Brazil and in South Africa in 2018.

Bruce moved to approve a loan of $5,000 for GEMCCON Argentina once the budget is approved. The motion was seconded and approved.

Alistair Duffy's report as the Global Symposia Coordinator was then reviewed.   Technical co-sponsorship with MOUs approved to date includes:

- SPI 2016 - 20th IEEE Workshop on Signal and Power Integrity 8 - 11 May 2016 Turin, Italy
- EMC Europe 2016 1 - 5 September 2016, Wroclaw, Poland
- APEMC 2016 18 - 21 May 2016, Shenzhen
- 2016 ESA Workshop on Aerospace EMC 23 - 25 May 2016, Valencia, Spain
- EOS/ESD Association Meeting Series 8 - 16 September 2016, Anaheim, CA
- EEEIC 7 - 10 June 2016, Florence, Italy

Technical co-sponsorship requests include EMC Turkiye 2017. TAC recommends approval of this request. **Bruce moved to approve EMCS Technical co-sponsorship of EMC Turkiye 2017. The motion was seconded and approved.**

INCEMIC 2016 in India has also requested technical co-sponsorship. TAC will provide a recommendation.

The report concluded with a review regional conference activity as prepared by Janet O'Neil, Regional Conference Coordinator.

The meeting adjourned at 5:00 pm.

The meeting resumed on May 25, 2016

President Frank Sabath called the meeting to order at 9:00 am.

12.0 PRESIDENT'S OPENING REMARKS

Regarding the "Excellence in Continuing EMC Education" Award, Frank moved to take the award motion off the table. The motion was seconded and approved. After discussion, Don Sweeney moved to table the motion until next year spring's Board meeting. The motion was seconded and approved.

Frank talked about IoT Initiative Activities and IoT Assets to the Board. All Societies are asked to pay a fee to be a part of this activity. Frank reviewed the Society's investment in this activity.

Bruce moved to approve joining the IoT Initiative at a cost of $30,000/year starting in 2017. The motion was seconded and approved.

13.0 COMMUNICATION SERVICES

Heyno Garbe presented the Communications report. (See Communication Services Report.)   Regarding the IEEE PRAC report on the Transactions on EMC, this is available on the EMC BoD Repository. As requested by PRAC, the EiC together with the VP Communication Services have setup some regulations for the T-EMC. The intermediate PRAC Report on the EMC Magazine is also available at the EMC BoD Repository. One major request from PRAC is to set-up regulations to be in line with the PSPB-rules.

Heyno discussed the report of the new editor-in-chief of the Transactions on EMC, Antonio Orlandi. The number of paper submissions has steadily grown over the past decade. In 2014, the total number of submissions exceeded for the second year in a row 400, reaching 419. The statistics on new paper submissions are included in his report. The number of submissions in 2015 is also growing. Over the first four months of the year he has received 161 new submissions. The report includes a chart showing a comparison of (i) time-to-publication and (ii) time-to-first decision, between TEMC and other relevant IEEE journals, for the 3rd quarter of 2015 (the last quarter for which the data is available). It can be seen that, in terms of time-to-first decision, the Transactions on EMC has the best performance. As regards the time-to-publication, we are second after the IEEE Transactions on Magnetics. The reports include review of the Impact Factor (IF) for the past several years as well as a summary of outgoing/incoming Associate Editors.

Regarding the EMC Magazine, Editor-in-chief Janet O'Neil noted IEEE Media has had a change in management. Susan Schneiderman has retired; Mark David is now handling ad sales for the EMC Magazine. Mark provided the ad revenues of the EMC Magazine for 2015. He advised ad sales are on track for 2016. A special section of the magazine is planned for 2016 on the Santa Clara industry papers, now known as abstract reviewed papers. (This was moved and approved by the Board at its March 2015 meeting in Santa Clara.) Colin Brench reported in his December Board report that there was a call for papers for these abstract reviewed papers that ended December 15, 2015 and that the Magazine would receive some papers to publish in April. To date, no papers have been received for the magazine; Janet has asked Colin to report on the status of these papers and if we will have any to include in the next issue of the EMC Magazine.

IEEE Press Liaison, Ray Perez, reported on royalties. These are published by IEEE-Press in May and cover Jan 1st through Dec 31st of the previous year. A royalty summary report for the entire year 2015 will be available for the 2016 IEEE Symposium on EMC in Ottawa. One book is in progress for 2016 – this is a handbook on Aerospace EMC. No books are planned for product or publication in 2016. A call for authors was made and published in the IEEE EMCS Magazine in response to the IEEE Press-Wiley "small books initiative" (books up to 150 pages).   By the December 2015 deadline, he received seven inquiries of interest from prospective authors for writing book

proposals for small books. In February 2016 the small book proposal guidelines were submitted to the seven individuals who expressed interest. As of today, he has received two proposals, which were both reviewed and the prospective authors were requested to update before submission to IEEE-Press Wiley for consideration and approval. Ray noted he attended the annual IEEE Press BOD meeting, Chicago, US in August 2015.

On the EMCS website, Tom Braxton is the website contact for updates, changes, and requests. Shannon Archambeault maintains and administers the site and provides technical support. A process is in place to do updates and accommodate requests for changes: Tom works with Shannon to make the changes and edits requested by members. Updates have been made to the site, though more ambitious changes are sought (live calendars, standards committee directories, etc.). A BoD Nomination page was created on the EMC-S website. The intention is to provide the statements from the candidates to a wide audience. The plan is to coordinate with Mike Violette and Joanna Hill to use the site along with social-media tools to promote the Society and its activities.

Joanna Hill reported the EMCS Social Media effort has opened Facebook and LinkedIn pages. We are in a discovery phase to learn what our viewers want to see. For the symposium we expect to do some live Facebook videos and personal interviews using a Twitter feed. There will also be posts from the events.

Starting at July 1st, 2016 Heyno noted that every author for publications listed on IEEE Xplore has to have an ORCID.   See file: ORCID Additional Information for ScholarOne.pdf for more information.

Heyno noted the process to start the 3rd Publication channel has the following three stages:
> 1. Letter of Intent
> 2. Phase 1
> 3. Phase 2

The EMC Society must go through the three stages step by step. We are only allowed to enter the next step, when TAB has accepted the previous stage. Right now we are at stage "LoI" (Letter of Intent). Heyno shared a draft of the LoI during the meeting.

Bruce Archambeault moved to approve the posting of the URSI Science Bulletin to Xplore as part of four Societies whose area of interest overlap with URSI's area of interest. The motion was seconded and approved.

Bruce moved to approve developing a new Transactions on Signal Integrity and Power Integrity. The motion was seconded and approved.

Bruce moved to post the IEEE EMC Magazine as a low resolution PDF to Xplore for members only to access for a limited amount of time. The motion was seconded and approved.

Mike Violette gave a marketing report. He talked about EMC activity in China. Frank noted that Excom discussed translating select articles from the EMC Magazine to be published in Chinese as a special issue.

14.0   MARKETING REPORT

Mike Violette presented a marketing report. (See EMCS Marketing.) The objective is to support the EMC Society's strategic goals. He reviewed marketing plan elements (such as industry alliances, among others) and products of value (such as emerging technologies like IoT and employer positivity, among others). A key element of the program is branding. His report included several new ads created to promote the EMC Society and new booth designs.   Mike also reviewed EMC Society marketing efforts at the APEMC conference in Shenzhen. He noted

there is a big change in FCC Rules - after July 12, 2016, Chinese Labs CANNOT test wireless and computer devices for US market. How will this impact the EMC Society? Mike will continue to work with Joanna to maximize EMCS effectiveness with social media.

15.0 OLD BUSINESS

There was no "Old Business" to discuss.

16.0 NEW BUSINESS

Frank discussed the IEEE Environmental Engineering Initiative. (See EEI Report.)   The initiative's goal is to create an interdisciplinary forum for nurturing the broad and diverse community interested in the area of environmental engineering, including both the components already active in various S/Cs as well as the components which are using our technologies and methodologies but are not yet embraced by our IEEE communities.   He will learn more about this at the TAB meetings in June and will report back to the Board on this in August.

17.0 FINANCIAL IMPACT OF APPROVED MOTIONS

Bruce Archambeault noted this amounted to $1,250 to support EMC Society Awards, plus $30,000 to support the IEEE IoT Initiative.

18.0 ACTION ITEM REVIEW

Secretary O'Neil reviewed the action items discussed during the meeting. An updated, consolidated list of action items will be sent to the Board following the meeting.

19.0 SUMMARY AND CLOSING REMARKS

Don Sweeney asked that the VPs provide their reports as an attachment to an email instead of sending an email noting their reports are posted on the BoD Forum.

Frank Sabath noted the next Board meeting series will be held on July 24 and 28 in Ottawa as part of the 2016 IEEE International Symposium on EMC. He thanked everyone for attending the meeting and for contributing.

20.0 ADJOURNMENT

The meeting adjourned at 12:00 pm.

Submitted by:
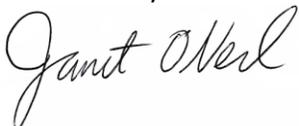
Janet O'Neil
Secretary, EMC Society Board of Directors