



TC-5: High Power Electromagnetics



**Annual TC-5 Meeting at the
2003 IEEE International Symposium on EMC at Boston, MA
Wednesday, August 20, 2003**

Confirmed Minutes

1. Chairman Bill Radasky brought the meeting to order at 7:15 am. All the members present introduced themselves, and the following items were discussed. The list of the attendees is attached at the end of the minutes.
2. Nigel Carter made a motion to accept the minutes of the last meeting (August 21, 2002), and this was seconded by Andrew Podgorski. It was unanimously approved.
3. Elya Joffe provided an overview of activities at the Istanbul, Turkey Symposium. He said that there were 60-80 attendees at the TS-5 session. For additional information about the Istanbul symposium, readers are directed to the summer 2003 newsletter, available on the EMC website at:
< <http://www.ieee.org/organizations/pubs/newsletters/emcs/summer03/> >.
4. Discussion next took place about the NARTE question review. The main question was whether TCs should be tasked by the Board of Directors to review questions. Many other questions were raised about the process of TC tasking in general, and the NARTE questions specifically. Elya pointed out that NARTE is a non-profit entity and has a MOU with the EMCS. In the end, it was decided that we would try to respond as best we could.
5. Elya discussed the possible development of an outdoors lightning protection standard being developed by the Israelis. They may submit it to the IEC and wanted us to be aware that TC-5 may be called upon to review the standard if submitted. Nigel mentioned that a large amount of work on lightning protection is already available. The rest of the discussion centered on what role that the TC should take in such activities. Mike McInerney said that he served on a government committee that interfaced with the NFPA, and was familiar with many of the existing standards.
6. There was a discussion about having a special session on lightning protection and/or lightning effects based on a Maxwell's Equations approach, next year in Santa Clara. Elya said that he would be willing to help in such an effort.
7. There was a discussion of the conference review process used at Wroclaw versus the ones used at EUROEM or in Zurich, and which might be the best process to use.



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8. It was decided to elect a slate of officers instead of allowing for automatic succession via existing officers. For the next three years, the following slate of officers was proposed, with a motion by Nigel Carter and a second by Bill Croisant, and it passed unanimously:

President – William Radasky
Vice President – Mike McInerney
Secretary – Randy Jost

9. The meeting adjourned at 8:30 am.

Respectfully submitted

Randy Jost, Secretary



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List of Attendees

1. Mike McNerney US Army ERDC-CERL, (217) 373-6759, (217) 373-6732 (FAX)
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2. William J. Croisant US Army ERDC CERL, (217) 373-3496, (217) 373-3490 (FAX)
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3. Nigel J. Carter A5 Bldg, QinetiQ,
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4. Randy J. Jost Utah State University, (435) 797-0789, (435) 797-3054 (FAX)
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5. Elya B. Joffe KTM Project Engineer, LTD. +972-9-7657065
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6. Andrew Podgorski ASR Technologies Inc, (613) 737-2026, (613) 737-3098 (FAX)
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7. Bill Radasky Metatech Corp, (805) 683-5681, (805) 683-3023 (FAX)
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8. Donald E. Clark GTR Institute, (770) 528-7735, (770) 528-3187 (FAX)
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