



ICES

International Committee on Electromagnetic Safety

TC95 MEETING ANNOUNCEMENT

Winter Meetings

10 – 12 January 2016

Date: 30 November 2015
To: Members of ICES, its Subcommittees and Interested Parties
From: R. C. Petersen
Subject: ICES/TC95 Meeting Announcement

Enclosed are the following:

- 1) Meeting schedule
- 2) Meeting Agendas
- 3) Hotel information
- 4) Registration form

If you plan to attend these meetings, please return the attached registration form or let me and Antonio Faraone (antonio.faraone@motorolasolutions.com) know before 1 January so that sign-in sheets/badges can be prepared and arrangements made to expedite entrance to the Motorola Solutions facility.

NOTES:

- Sunday's meetings (SC1, SC2 and the AdCom) will be held in the Sawgrass Room of the Holiday Inn Express and Suites (1701 N University Drive – directly across University Drive from the Motorola Solutions facility).
- The remainder of the meetings will be held at the Motorola Solutions facility. Use the South Entrance. Entrance 4 (East side of building) is no longer open.

R. C. Petersen

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copy to:
Kim Soo

IEEE



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International Committee on Electromagnetic Safety

ICES TC95 Meetings

Tentative Schedule

ICES TC 95/SC1, SC2 and the AdCom will meet on Sunday, 10 January 2016, at the Holiday Inn Express and Suites, 1701, N University Drive, Plantation, FL (directly across University Drive from the Motorola Solutions facility); TC95/SC3&4, SC5, SC6 and TC95 will meet at the Motorola Solutions facility.

Sunday, 10 January 2016

- 0800 – Noon: TC95/Subcommittee 1: Techniques, Procedures, Instrumentation and Computation
- 1300 – 1700 h: TC95/Subcommittee 2: Terminology, Units of Measurements and Hazard Communication
- 1730 – 1900 h: AdCom

Monday, 11 January 2016

- 0900 – 1530 h: TC95/Subcommittee 3: Safety Levels with Respect to Human Exposure to Electromagnetic Fields, 0 - 3 kHz
and
TC95/Subcommittee 4: Safety Levels with Respect to Human Exposure to Electromagnetic Fields, 3 kHz – 300 GHz (SC3 and SC4 will meet jointly)
- 1600 – 1700 h: TC95/Subcommittee 5: Safety Levels with Respect to Electro-Explosive Devices
- 1700 – 1900 h: COMAR

Tuesday, 12 January 2016

- 0930 – 1130 h: TC95/Subcommittee 6: EMF Modeling and Dosimetry
- 1230 – 1600 h: ICES TC95 Main Committee

Hotel Information

<u>Holiday Inn Express Hotel & Suites Ft. Lauderdale-Plantation</u>	1701 N University Drive (0.4 miles from Motorola Entrance)	Plantation, FL	+1 (954) 472-5600
<u>Quality Inn Sawgrass</u>	1711 North University Drive, (0.4 miles)	Plantation, FL	+1 (954) 556-8200
<u>Classic Residence By Hyatt</u>	8500 West Sunrise Boulevard (0.7 miles)	Plantation, FL	+1 (954) 476-8500
<u>Holiday Inn Hotel & Suites</u>	3003 North University Dr, (1.4 miles)	Sunrise, FL	+1 (954) 748-7000
<u>Sheraton Suites Plantation</u>	311 No. University Dr (1.8 miles)	Plantation, FL	+1 (954)424-3300
<u>Residence Inn by Marriott Ft. Lauderdale Plantation</u>	130 North University Drive, (2.1 mile)	Plantation, FL	+1 (954) 723-0300
<u>Staybridge Suites Extended Stay Hotel Ft. Lauderdale - Plantation</u>	410 North Pine Island Road (2.1 miles)	Plantation, FL	+1 (954)577-9696

The above hotels may provide a special rate for guests on Motorola business—ask when you make reservations.



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International Committee on Electromagnetic Safety

Draft Agenda

**IEEE/ICES TC95 Subcommittee 1
Techniques, Procedures and Instrumentation**

**0800 – Noon
Sunday, 10 January 2016**

**Sawgrass Room, Holiday Inn Express and Suites
1710 N University Drive, Plantation, Florida 33322, USA**

- 1. Call to Order** *Colville*
- 2. Welcome and Introductions** *All*
- 3. Modifications and approval of agenda** *Colville*
- 4. Approval of June 2015 SC-1 meeting minutes** *Colville*
- 5. Update of SC-1 Membership and SC-1 Editorial Committee** *Colville*
- 6. Old Business:**
 - a) Revisions of consolidated C95.3-2002 and C95.3.1-2010 - Update *Colville/ Douglas*
 - b) Update on the field measurements, spatial averaging working group *Cleveland, et al*
- 7. New Business:**
 - a) Open discussions *All*
- 8. Time and Place of Next Meeting – Ghent, Belgian** *Colville*
- 9. Adjourn**



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International Committee on Electromagnetic Safety

Draft Agenda

**IEEE/ICES TC95 Subcommittee 2
Terminology, Units of Measurements, and Hazard Communications**

1300–1700h

Sunday, 10 January 2016

**Sawgrass Room, Holiday Inn Express and Suites
1710 N University Drive, Plantation, Florida 33322, USA**

- 1. Call to Order** *R Tell*
- 2. Welcome and Introduction** *All*
- 3. Approval of Agenda** *R Tell*
- 4. Approval of the Minutes from Pacific Grove, CA meeting** *R Tell*
- 5. Discussion on:**
 - Minimal information/training to qualify for exposure up to upper tier *R Curtis*
 - RF Minimal Awareness Guide *R Tell*
 - Signs for “low frequency fields” *P Reilly*
- 6. New Business**
 - Training opportunities for SC-2, specific recommendations *R Tell*
 - Other new business *All*
- 7. Open Discussion** *R Tell*
- 8. Time and Place of Next Meeting** *R Tell*
- 9. Adjourn**



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Draft Agenda

**IEEE/ICES TC95 Subcommittee 3
Safety Levels with Respect to Human Exposure to Electromagnetic Fields, 0 - 3 kHz
and**

**IEEE/ICES TC95 Subcommittee 4
Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields,
3 kHz to 300 GHz**

0900 – 1530 h

Monday, 11 January 2016

**Motorola Solutions, Inc.,
8000 West Sunrise Blvd, Plantation, Florida 33322, USA
Use South Entrance (East Entrance is closed)**

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|--|--------------------------|
| 1. Call to Order | <i>Ziskin</i> |
| 2. Introduction of those Present | <i>All</i> |
| 3. Approval of Agenda | <i>Ziskin</i> |
| 4. Approval of the Minutes (June 2015 Meeting) | <i>Ziskin</i> |
| 5. Secretary's Report | <i>Petersen</i> |
| 6. Chairmen's Reports | <i>SC3/SC4 Co-Chairs</i> |
| 7. Progress on revision of PC95.1-2005 | <i>Ziskin</i> |
| a) Update on NATO standard C95.1-2345 | <i>TBD</i> |
| b) Update on the revision of C95.1-2005 and C95.6-2002 | <i>Chou/Faraone</i> |
| c) Literature surveillance | <i>Elder</i> |
| 8. FCC low frequency regulations | <i>Kavet</i> |
| 9. New Subcommittee (SC-6): An Update | <i>Hirata</i> |
| 10. Developing a WHO Standard on Non-Ionizing Radiation | <i>Bodemann</i> |
| 11. Technical Presentations | <i>Ziskin</i> |
| a) Possible influences of spark discharges on cardiac pacemakers | <i>Dovan/Kavet</i> |
| b) TBD | <i>TBD</i> |
| 12. New Business | <i>Ziskin</i> |
| 13. Date and Place of Next Meeting | <i>Ziskin</i> |
| 14. Adjourn | |

NOTE—Presenters/participants who intend to display MS PowerPoint/Word files, please send a copy to Ron Petersen (r.c.petersen@ieee.org) for the minutes.



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International Committee on Electromagnetic Safety

Draft Agenda

**IEEE/ICES TC95 Subcommittee 5
Effects of EM fields on Blasting Operations
1600 - 1700 h
Monday, 11 January 2016**

**Motorola Solutions, Inc.,
8000 West Sunrise Blvd, Plantation, Florida 33322, USA
Use South Entrance (East Entrance is closed)**

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|---|-------------------|
| 1. Call to Order | <i>Harmon/Hay</i> |
| 2. Welcome and Introduction | <i>All</i> |
| 3. Approval of Agenda | <i>Harmon/Hay</i> |
| 4. Approval of the Minutes (None) | <i>Harmon/Hay</i> |
| 5. Status of C95.4-2002 | <i>Harmon/Hay</i> |
| 6. C95.4-2002 Review and Update Discussion | <i>Harmon/Hay</i> |
| 7. New Business | <i>Harmon/Hay</i> |
| 8. Open Discussion | <i>All</i> |
| 9. Time and Place of Next Meeting | <i>Harmon/Hay</i> |
| 10. Adjourn | <i>Harmon/Hay</i> |



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International Committee on Electromagnetic Safety

Draft Agenda

IEEE/ICES TC95 Subcommittee 6 EMF Dosimetry Modeling

0930 – 1130 h

Tuesday, 12 January 2016

**Motorola Solutions, Inc.,
8000 West Sunrise Blvd, Plantation, Florida 33322, USA
Use South Entrance (East Entrance is closed)**

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|---|--------------------------|
| 1. Call to Order | <i>Hirata</i> |
| 2. Introduction of those Present | <i>All</i> |
| 3. Approval of Agenda | <i>Hirata</i> |
| 4. Approval of the Minutes (June 2015 Meeting) | <i>Hirata</i> |
| 5. Chairman's Reports | <i>Hirata</i> |
| a) Workshop in June 2015 | <i>Hirata</i> |
| b) Special Section in PMB and LF Research Agenda | <i>Hirata</i> |
| 6. Working Group Report | <i>Legros and Laakso</i> |
| 7. Technical Presentations | |
| TBD | <i>Leung</i> |
| TBA | |
| 8. New Business | <i>Hirata</i> |
| 9. Date and Place of Next Meeting | |
| 10. Adjourn | |



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International Committee on Electromagnetic Safety

Draft Agenda

TC95 Committee

(Safety Levels with Respect to Human Exposure to Electric, Magnetic
and Electromagnetic Fields, 0 Hz to 300 GHz)

1230 – 1600 h

Tuesday, 12 January 2016

Motorola Solutions, 8000 West Sunrise Blvd, Plantation, FL 33322
Use South Entrance (East Entrance is closed)

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|--|---------------------------|
| 1. Call to Order | <i>Chou</i> |
| 2. Introduction of those Present | <i>All</i> |
| 3. Approval of Agenda | <i>Chou</i> |
| 4. Approval of June 13, 2015 TC95 minutes | <i>Chou</i> |
| 5. ICES Chairman's Report | <i>Bodemann</i> |
| 6. TC95 Chairman's Report | <i>Chou</i> |
| 7. Executive Secretary's Report | <i>Petersen</i> |
| 8. Treasurer's Report | <i>Petersen</i> |
| 9. Membership Chairman's Report | <i>Klaunberg</i> |
| 10. Topic presentations | |
| a) TC34 Activity Update | <i>Keshvari</i> |
| b) TBD | |
| 11. Subcommittee Reports | |
| a) SC1 (Measurements and computations) | <i>Colville/Douglas</i> |
| b) SC2 (Safety programs) | <i>Tell</i> |
| c) SC3 (Safety levels – 0 Hz to 3 kHz) | <i>Kavet/Dovan</i> |
| d) SC4 (Safety levels – 3 kHz to 300 GHz) | <i>Ziskin/Thansandote</i> |
| e) SC5 (Effects of EM fields on blasting operations) | <i>Harmon/Hay</i> |
| f) SC6 (EMF dosimetry modeling) | <i>Hirata</i> |
| 12. ICES Website Update | <i>Chou</i> |
| 13. New Business | <i>Chou</i> |
| 14. Future Meetings | <i>Chou</i> |
| 15. Adjourn | |

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