TC95 MEETING ANNOUNCEMENT

Date: 22 October 2012  
To: Members of ICES, its Subcommittees and Interested Parties  
From: R. C. Petersen  
Subject: Preliminary ICES/TC95 Meeting Announcement

ICES/TC95 and its Subcommittees will meet 16 – 18 January 2013 at the Tri-Service Research Laboratory, Bldg 3260, 4141 Petroleum Rd, Fort Sam Houston, (San Antonio) TX, 78234.

Directions and other information are included in the attached Visitor’s Packet.

All participants must inform B Jon Klauenberg (bertram.j.klauenberg.civ@mail.mil) before 1 December 2012 indicating they will be attending so that their information will be at the gate for entrance to the base. Please send driver's license number and issuing state, or passport number (for non US residents).

Enclosed are the following:

1) Visitor’s Packet (includes hotel information, directions, etc.)  
2) Meeting schedule  
3) Registration form  
4) Draft agendas for SC-1, SC2, SC-3/4, TC-95 and COMAR

Updated drafts of PC95.1-2005 and PC95.1-2345 will be sent separately in November.

R. C. Petersen  
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Fax: 908 470 9230  
e-mail: r.c.petersen@ieee.org

抄送:  
Joan Woolery   IEEE
ICES TC95 Meetings

Tentative Schedule

Tri-Service Research Laboratory, Bldg 3260,
Fort Sam Houston, TX, 78234-2644

ICES TC95 and the TC95 subcommittees will meet at the Tri-Service Research Laboratory in Fort Sam Houston, TX. Agendas of all meetings will be sent separately.

Wednesday, 16 January 2013


1730 h– 1930 h: COMAR

Thursday, 17 January 2013

0800 h – 1700 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)

1730 h – 1930 h: AdCom

Friday, 18 January 2013

0830 h – Noon: ICES TC95 Main Committee
Hotel Information

A few hotel suggestions are listed below.

Make sure that you check the cancellation policy. San Antonio is a tourist town and some hotels have stiff cancelation policies.)


There are a number of hotels near Ft Sam Houston. Included are a number of Marriott Residence Inns, which have suites with full kitchens and complimentary dinner is served Mon, Tues, Wed, Thurs, and breakfast every day. (See [Marriott Residence inns, San Antonio](http://hotelguides.com/texas/fort-sam-houston-tx-hotels.html) for local listings.)

A few recommended hotels are shown below.

<table>
<thead>
<tr>
<th>Hotel Name</th>
<th>Address</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Best Western Plus Sunset Suites-</td>
<td>1103 E Commerce Street</td>
<td>+1 (855)-238-1589</td>
</tr>
<tr>
<td>Riverwalk, San Antonio, TX</td>
<td>San Antonio, TX</td>
<td></td>
</tr>
<tr>
<td><strong>Comfort Suites, Fort Sam Houston, San Antonio, TX</strong></td>
<td>6350 I 35 North</td>
<td>+1 (855)-239-9228</td>
</tr>
<tr>
<td><strong>San Antonio, TX</strong></td>
<td>San Antonio, TX</td>
<td></td>
</tr>
</tbody>
</table>
Visitor Packet
A Welcome message from the AFRL Directed Energy Bioeffects Division Chief

On behalf of the men and women of the Directed Energy Bioeffects Division, I would like to welcome you to our new Tri-Service Research Laboratory. This state-of-the-art, 181,000 sq ft facility enables our Division to fulfill our mission of predicting and mitigating the bioeffects of directed energy on personnel and mission performance and exploiting bioeffects of directed energy for non-lethal applications. The mix of AF, Army, Navy, civilians, military and contractors makes this laboratory a unique asset in the DoD for conducting research in Directed Energy Bioeffects. I hope you enjoy your visit; or if you are newly assigned – Welcome!

A Welcome message from the Navy Detachment Commander

“Welcome Aboard”. It is my distinct pleasure to welcome you to the Tri-Service Research Laboratory (TSRL) and to the Naval Medical Research Unit San Antonio (NAMRU-SA). Our team is staffed with dedicated professionals who conduct a wide range of dental, combat casualty care and directed energy biomedical research. In response to the 2005 BRAC recommendations, our directed energy research program relocated into the TSRL where we work along with our Air Force and Army research partners. The Tri-Service research group is an internationally recognized and respected authority on directed energy bioeffects and safety standards. I sincerely hope your visit to the TSRL and San Antonio will be enjoyable.

A Welcome message from the DET 5 AFRL Commander

On behalf of the men and women of Detachment 5, Air Force Research Laboratory, welcome to the Tri-Service Research Laboratory! We're proud of our world-class research facility and are pleased that you'll get to experience our outstanding technical capability first-hand. I hope you enjoy your visit and please don't hesitate to ask if we can be of assistance to you during your time here.
A. Please contact the following people should you have any questions:

711 HPW/RHD/DET 5
- Ms. Sally Criollo: (210) 539-7325
- Ms. Stephanie Alvarado: (210) 539-7330
- Ms. Roxanne Constable: (210) 539-7363

711 HPW/RHDO
- Ms. Diane Tedder: (210) 539-8180
- Ms. Samantha Ortiz: (210) 539-8175

711 HPW/RHDR
- Ms. Lisa Waldrep: (210) 539-7940

711 HPW/RHDJ
- Ms. Debbi Foster: (210) 539-8545

711 HPW/RHDV
- Ms. Teresa Terrell: (210) 539-7301

711 HPW/RHDM
- Mr. Alan Canellis: (210) 539-7770

NAVY
- Ms. Betty Gomez: (210) 539-7063

B. Visitor Control Office

a. Location: The Visitor Control Office (VCO) is located on the left side of the main lobby entrance. All visitors must register with the VCO prior to entering the TSRL. A visitor reception window is located in the TSRL vestibule. All visitors must wear a TSRL Visitor Badge (either UNESCORTED or ESCORT REQUIRED) while in the facility. Badges must be removed when leaving the facility. Please return all Visitor Badges to the VCO at the end of your visit.

b. Requesting a TSRL Badge: The TSRL is controlled by a dedicated ID Badge system. Permanent residents or long term visitors may request a TSRL badge using TSRL Form 1, located on the TSRL Share Drive. If you do not have access to the TSRL Share Drive, ask any admin assistant or branch secretary for assistance. Your supervisor will need to sign the form and approve the appropriate areas of access for your assignment. Take a completed TSRL Form 1 to the VCO for badge processing.
C. **Important phone numbers**
   
   a. Visitor Control Office (VCO): 210-539-7003/7002  
   b. Bioeffects Division Office: 210-539-7325  
   c. Navy Commander’s Office: 210-539-7063  
   d. Security: 210-539-7100  
   e. Bioeffects Division, Public Affairs/Integration Manager’s Office: 210-539-7363  

D. **Fort Sam Houston Gates/Maps**
   
   b. Gate Access information:  

E. **Current policies and other useful information**
   
   a. Contact by Media and other Public Affairs issues:  
      i. Air Force Personnel: Any request by the media or public affairs questions should be directed to the 711 HPW/RHD Integration Manager, (RM 1066).  
      ii. All Navy Personnel: Any request by the media or public affairs questions should be directed to XXXXXX  
   
   b. Phones:  
      i. Dial Off-post: Dial 9-9 + 7 digit phone number  
      ii. Dial Toll Free: Dial 9-9 -1 -800 -####  
      iii. Dial Long Distance: Dial 9-7--####-####-####  
      iv. DSN: Dial 9-4 + DSN Number  
         1. Our DSN Prefix is 389-####
## Recommended Hotels near TSRL

### Downtown San Antonio

<table>
<thead>
<tr>
<th>Hotel</th>
<th>Phone #</th>
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</thead>
<tbody>
<tr>
<td>Marriott River Center</td>
<td>(210)223-1000</td>
</tr>
<tr>
<td>Grand Hyatt</td>
<td>(210)224-1234</td>
</tr>
<tr>
<td>Hyatt Regency</td>
<td>(210)222-1234</td>
</tr>
<tr>
<td>Menger</td>
<td>(210)223-4361</td>
</tr>
<tr>
<td>Hotel Contessa</td>
<td>(210)229-9222</td>
</tr>
<tr>
<td>Drury Inn-River Walk</td>
<td>(210)212-5200</td>
</tr>
<tr>
<td>Sheraton Gunter Hotel</td>
<td>(210)227-3299</td>
</tr>
<tr>
<td>Town Place Suites Downtown</td>
<td>(210)271-3444</td>
</tr>
<tr>
<td>Courtyard San Antonio River Walk</td>
<td>(210)223-8888</td>
</tr>
<tr>
<td>Residence Inn San Antonio Downtown/Alamo Plaza</td>
<td>(210)212-5555</td>
</tr>
</tbody>
</table>

### Near the Airport

<table>
<thead>
<tr>
<th>Hotel</th>
<th>Phone #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Springhill Suites—Airport</td>
<td>(210)804-2266</td>
</tr>
<tr>
<td>Hyatt Place Airport/Quarry Market</td>
<td>(210)930-2333</td>
</tr>
<tr>
<td>Staybridge Suites San Antonio AIRPORT</td>
<td>(210)341-3220</td>
</tr>
<tr>
<td>Crowne Plaza Hotel-SAN ANTONIO AIRPORT</td>
<td>(210)828-9031</td>
</tr>
<tr>
<td>Holiday Inn SAN ANTONIO-Intl Airport</td>
<td>(210)349-9900</td>
</tr>
<tr>
<td>Residence Inn San Antonio Airport</td>
<td>(210)805-8118</td>
</tr>
<tr>
<td>Comfort Inn and Suites Airport</td>
<td>(210)249-2000</td>
</tr>
<tr>
<td>Courtyard San Antonio Airport</td>
<td>(210)828-7200</td>
</tr>
<tr>
<td>Days Inn San Antonio Airport</td>
<td>(210)930-3300</td>
</tr>
<tr>
<td>Best Western Posada Ann Inn Airport</td>
<td>(210)342-1400</td>
</tr>
<tr>
<td>Pear Tree Inn San Antonio Airport</td>
<td>(210)366-9300</td>
</tr>
<tr>
<td>Hampton Inn Suites San Antonio Airport</td>
<td>(210)558-3999</td>
</tr>
<tr>
<td>Courtyard San Antonio Airport/North Star Mall</td>
<td>(210)530-9881</td>
</tr>
<tr>
<td>Embassy Suites San Antonio International Airport</td>
<td>(210)525-9999</td>
</tr>
<tr>
<td>Springhill Suites San Antonio Airport</td>
<td>(210)804-2266</td>
</tr>
<tr>
<td>La Quinta Inn and Suites San Antonio Airport</td>
<td>(210)342-3738</td>
</tr>
<tr>
<td>Fairfield Inn and Suites San Antonio Airport/North Star Mall</td>
<td>(210)530-9899</td>
</tr>
<tr>
<td>TownePlace Suites San Antonio Airport</td>
<td>(210)308-5515</td>
</tr>
<tr>
<td>Red Roof Inn San Antonio Airport</td>
<td>(210)340-4055</td>
</tr>
<tr>
<td>Hilton San Antonio Airport</td>
<td>(210)340-6060</td>
</tr>
</tbody>
</table>
G. **Recommended Restaurants in San Antonio, TX**

- Cheesecake Factory  
  7400 San Pedro Ave. 
  San Antonio, TX 78216  
  Cuisine Type: *American*

- Chester's Hamburgers  
  1006 Loop 410 
  San Antonio, TX 78209  
  Cuisine Type: *American*

- Rita's on the River  
  245 E Commerce St # 100 
  San Antonio, TX 78205

- Hard Rock Café  
  111 W. Crockett 
  San Antonio, TX 78205  
  Cuisine Type: *American*

- Rainforest Café  
  110 East Crockett 
  San Antonio, TX 78205  
  Cuisine Type: *American*

- Aldaco's Mexican Cuisine  
  100 Hoefgen 
  San Antonio, TX 78205  
  Cuisine Type: *Tex Mex*

- Stone Werks Café and Bar  
  7300 Jones Maltsberger Rd. 
  San Antonio, TX 78209  
  Cuisine Type: *American*

- Capparelli’s on Main  
  2524 N. Main Ave  
  San Antonio, TX 78212  
  Cuisine Type: *Italian*

- Dough Pizzeria Napolitano  
  6989 Blanco Rd  
  San Antonio, TX 78216  
  Cuisine Type: *Italian*

- Chacho’s  
  7870 Callaghan Road  
  San Antonio, TX 78229  
  Cuisine Type: *Tex Mex*

- BJ's Restaurant and Brewhouse  
  22410 U.S. Highway 281 North  
  San Antonio, TX 78259

- Pho Hai An  
  4934 Windsor Hl  
  San Antonio, TX 78239  
  Cuisine Type: *Vietnamese*
Directions from Downtown to TSRL:
- Pick up Rt 281/IH-37 North
- Take IH-35 North, toward Austin
- Take the WALTERS exit and enter Fort Sam Houston
- Turn right on Wilson St
- Wilson turns left and changes names to Garden Ave
- Turn right on Schofield Rd
- Turn left on Williams Rd
- Williams Road T's into Nursery Rd
- Turn Right on Nursery
- Just past the Fort Sam Elementary School, turn left onto Petroleum Road (across the bridge)
- TSRL will be on the left about ½ mi down the road
- Pull up to the gate, hit the intercom button for access
- You can park in either the Visitor lot outside the TSRL compound or in the main employee lot inside the compound

Directions from San Antonio Airport to TSRL:
Option A (pink): IH-410 – Wurzbach – TSRL
- Depart San Antonio Airport and pick up IH-410 East
- Take the Wurzbach and follow Wurzbach south
- Turn left on Winans Road
- Turn right onto Nursery Road
- Just past the Fort Sam Elementary School, turn left onto Petroleum Road (across the bridge)
- TSRL will be on the left about ½ mi down the road
- Pull up to the gate, hit the intercom button for access
- You can park in either the Visitor lot outside the TSRL compound or in the main employee lot inside the compound
Directions from Downtown to TSRL

- Pick up Rt 281/IH-37 North
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- TSRL will be on the left about ½ mi down the road
- Pull up to the gate, hit the intercom button for access
- You can park in either the Visitor lot outside the TSRL compound or in the main employee lot inside the compound
Directions from 35 North or South Bound
(Assuming the Petroleum Gate remains open past 15 July)

- Coming South on I-35, take the Brook Army Medical Center exit
- Get in the right hand lane immediately and exit at the “Holbrook Dr” sign (you actually turn onto Petroleum Road)
- Cross the railroad tracks and enter the gate to Ft Sam
- 4141 Petroleum is the first building on the right.
- TSRL is 50 yards in the gate on the right
- If you are coming from downtown go north on I-35
- After I-35 connects to I-410 Get off at the Rittiman Rd exit and make a U-turn onto the south access road.

- Coming South on I-35, take the Brook Army Medical Center exit (after Rittiman Rd exit)
- Get in the right hand lane immediately
- Exit at the “Holbrook Dr” sign (you actually turn onto Petroleum Road) The Army National Guard is at the corner. If you get to the light at the BAMC entrance you’ve gone too far and have to turn left and loop around.

There may be a train parked at the tracks.
- Cross the railroad tracks and enter the gate to Ft Sam
- 4141 Petroleum is the first building on the right.
- TSRL is 50 yards in the gate on the right
- Pull up to the gate, hit the intercom button for access
- You can park in either the Visitor lot outside the TSRL compound or in the main employee lot inside the compound.
Draft Agenda
ICES TC95 SC-1 Meeting
(Techniques, Procedures, Instrumentation and Computation)

Tri-Service Research Laboratory, Bldg 3260, Fort Sam Houston, San Antonio, TX, 78234-2644
Wednesday, 16 Jan 2013
0800 h – Noon

1. Welcome and Introductions
   DeFrank/Douglas

2. Modifications and approval of agenda
   DeFrank/Douglas

3. Approval of 14 June 2012 SC-1 meeting minutes
   DeFrank/Douglas

4. Old Business:
   a) Consolidated C95.3-2002 and C95.3.1-2010
      DeFrank/Petersen/Douglas
   b) Other references for measuring RF fields and commentary
      regarding how these documents compare with C95.3
      Niels Smit
   c) Compare the IEC 62232 with the IEEE C95.3
      Cotton
   d) When personal monitors should be worn
      Douglas
   e) Proposals for exposure assessment of complex signals
      Douglas

5. New Business:
   a) Compliance assessment for low frequency exposure
      Douglas
   b) Open discussion.

6. Time and Place of Next Meeting –TBD.
IEEE ICES Subcommittee 2

Committee on Terminology, Units of Measurement, and Hazard Communications
Wednesday, 16 January 2013 San Antonio, TX
1300 - 1700 h

Draft Agenda

1. CTO

2. Introduction of those in attendance

3. Modifications and approval of agenda

4. Review and approval of Unapproved Minutes of Brisbane meeting (June 14, 2012)

5. Old Business:
   - Completion of discussions on revision of C95.7-2005 based on recommendations at the Brisbane, Australia meeting and finalization of document.

6. New Business:

7. Time and Place of Next Meeting –TBD.

8. Adjournment –
ICES

International Committee on Electromagnetic Safety

Draft Agenda

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

Tri-Service Research Laboratory, Bldg 3260, 4141 Petroleum Rd
Fort Sam Houston, San Antonio, Texas, USA
January 18, 2013: 0800 – 1700h

1. Call to Order
2. Introduction of those Present
3. Approval of Agenda
4. Approval of the Minutes (15 June 2012 Meeting)
5. Secretary's Report
6. Chairmen’s Reports
7. Issues on Merging of C95.1 and C95.6
   a) Literature surveillance and review/evaluation
   b) Report from Editorial Working Group – status of the merging work
   c) Update on NATO standard
8. Technical Presentations
   a) TBD
   b) TBD
9. Other New Business
10. Date and Place of Next Meeting
11. Adjourn
DRAFT Agenda
IEEE Committee on Man and Radiation (COMAR)
Tri-Service Research Laboratory, Bldg. 3260
Fort Sam Houston, TX 78234-2644
January 16 (Wednesday)
1730 - 1930 h

1. Welcome by Chair – Ric Tell
2. Self-Introductions
3. Review, correction, approval of unapproved minutes of COMAR meeting June 2012 (copy distributed electronically prior to meeting)
4. Old Business: Finalize COMAR draft TIS on electric smart meters prepared by working group headed by J. Hatfield (revised draft distributed electronically)
7. New Business (Suggestions on appropriate new projects for COMAR)
8. Date, Time and Location of Next meeting
9. Adjourn

Reply to:
Richard A. Tell, Chair
IEEE Committee on Man and Radiation
1872 E. Hawthorne Avenue
Colville, WA 99114
e-mail: rtell@radhaz.com
International Committee on Electromagnetic Safety

Draft Agenda
ICES TC95 Meeting
Tri-Service Research Laboratory, Bldg 3260,
Fort Sam Houston, San Antonio, TX, 78234-2644
Friday, 18 Jan 2013
0830 – 1200

1. Call to Order  Chou
2. Introduction of those Present  All
3. Approval of Agenda  Chou
4. Approval of 16 June 2012 TC95 minutes  Chou
5. ICES Chairman’s Reports  Bodemann
6. TC95 Chairman’s Report  Chou
7. Executive Secretary’s Report  Petersen
8. Treasurer’s Report  Petersen
9. Membership Chairman’s Report  Murphy
10. Topic presentations
    a) To be determined
    b) To be determined
11. Reports from the Subcommittees
    a) SC1  (Measurements and computations)  DeFrank/Douglas
    b) SC2  (Safety programs)  Tell
    c) SC3  (Safety levels – 0 Hz to 3 kHz)  Dovan/Kavet
    d) SC4  (Safety levels – 3 kHz to 300 GHz)  Thansandote/Ziskin
    e) SC5  (Effects of EM fields on blasting operations)  Needy/Hay
12. ICES Website Improvement  Chou
13. New Business  Chou
14. Future Meetings
    a) 8 June 2013, Thessaloniki, Greece  Chou
15. Adjourn