

Workshop on ANSI C63.10 Testing Unlicensed Wireless Devices

15-16 June 2010

(Visit www.narte.org for more information)

This is the second workshop covering ANSI C63.10 which contains procedures for testing compliance of a wide variety of unlicensed wireless devices. The new standard, for the first time, has in one place all the reference material needed for performing such tests which are now in a plethora of documents, e.g. FCC Rules, Knowledge Data Base (KDB), rulemaking documents, ANSI C63.4, etc. The devices covered in the standard include: remote control and security transmitters, Frequency Hopping and Digital

Communication Spread Spectrum devices, anti-pilferage devices, cordless telephones, wireless medical transmitters, Unlicensed National Information Infrastructure Devices, Intrusion Detectors, Unlicensed Wireless Devices below 30 MHz, Automatic Vehicle Identification Systems and other devices authorized under Part 15 of the FCC Rules and Regulations. The workshop will be combination of classroom presentations and actual laboratory demonstrations of selected measurements in a semi anechoic chamber using test instrumentation that is needed for such tests. The lab demos are intended to highlight the nuances of making some of the more challenging measurements with emphasizes on the application and practical use of the standard.

In the C63.10 workshop, you will learn:

- Overview and application of standard to regulatory requirements for unlicensed wireless devices
- Instrumentation and test facilities
- General measurement considerations
- Standard test methods
 - Line conducted emissions
 - Radiated emissions
 - Antenna port conducted
 - Frequency stability
 - OBW and bandedge tests
 - Output power
 - Power spectral density
 - In-situ tests
- Specific tests
 - Handset codes
 - Frequency pairing
 - Input power
 - Devices w/periodic emissions
 - Rationale for the test selected
 - Av. value of pulse emissions
 - Frequency hopping devices
 - mm wave devices
 - Transmitter etiquette
 - UWB devices

- Test reports

Support material

- A complete lecture notebook
- Copy of new standard

Who Should Attend

Those responsible for determining compliance with FCC Rules and Regulations, including:

- Product Managers and Developers
- EMC Engineers and test technicians
- Regulatory Compliance Managers
- Test Instrumentation Developers
- Calibration technicians
- Calibration and measurement accreditation bodies
- Lab quality assessors
- Test instrumentation and chamber manufacturers

Hotel

Arrangements are the responsibility of the attendee. UL has suggested that the Hyatt Deerfield, IL be used. Contact them on 1-847-945-3400 or at this URL:

<http://deerfield.hyatt.com/hyatt/hotels/index.jsp>

Expert Instructors

Workshop features leading industry experts and ANSI ASC C63® members, including Art Wall (Radio Regulatory Consultants, Inc.)—lead instructor, Mike Windler (UL), Bob Delisi (UL) & Bill Hurst (FCC)—(Note: Instructors may be changed, as required.)

Date and Location

15-16 June 2010
Underwriters Lab
Northbrook, Illinois
(Transportation will be provided to/from UL and the Hyatt hotel.)

Fee Includes:

Lecture notebook, copy of the standard, lunch, breaks, and completion certificate.

Agenda

July 15: 8:30 am Registration
Class: 9:00 am to 5:00 pm
July 16: – Class: 9:00 am to 5:00 pm

Registration Form

Contact: iNARTE

Telephone: 1-800-89-NARTE lawrence@inarte.us

Ms./Mr. _____
Company _____
Address _____
City _____ State _____ Zip _____
Daytime Phone _____ Fax _____
Email _____
Credit Card (check one): MC _____ Visa _____ Amex _____
Credit Card No: _____
Expiration Date: _____
CVV Number: _____
Signature: _____

Check or Credit Card Number must accompany registration.

Alternatively, secure registration can be made on

<http://www.narte.org/h/ANSIC63.10Workshop.asp>

ANSI C63.10 workshop

By 1 June 2010*:	\$950 USD _____
C63® & S/C Members (by 1 June)	\$850 USD _____
EMCS & iNARTE Members,(by June 1)	\$900 USD _____
Add \$250 after 1 June or at the door	\$250 USD _____

Add 1 copy of both workshop notebook** \$ 100 USD each _____
Total USD \$ _____

If a check is used for payment, make it payable to iNARTE in US dollars (drawn on a US bank) and mailed to the address on the iNARTE web site.

NOTE: You are not registered until you receive confirmation

* Please do not postal mail after 15 May 2010.

** Order by 1 June 2010 for pickup at the workshop.

The organizing committee reserves the right to substitute speakers, modify the program (or lecture notes), restrict attendance or to cancel the workshop. In the event the workshop is canceled, registration fees will be refunded (credit cards are only processed if workshop is held). No refunds will be made to individuals who cancel after 1 June 2010. Substitutions are allowed. *Without a minimum of 15 attendees signed up by 1 June 2010 the workshop will likely be cancelled and registration fees returned or not processed. It is suggested that you book refundable travel arrangements as appropriate if workshop is cancelled.*