

HFIA - Winter Meeting

January 26, 2012
San Diego, CA

Welcome & Introductions

- Welcome
- Current Officers
 - Chairman – Randy Nelson – Term: August 2010 - 2012
 - Secretary – Marcelo De Risio – Term: September 2009 - 2011
- Information on charter, past presentations, etc
- Other Announcements
 - HFIA Summer 2012 meeting.
 - Place: Bristol, England
 - Date: TBD

What is the HFIA?

- The High Frequency Industry Association (HFIA) provides an industry driven forum for the interactive exchange of technical ideas and information in the area of High Frequency Communications.

- The High Frequency Industry Association (HFIA) facilitates:
 - Introduction of new technical concepts and approaches to the HF community which might solve communication problems.
 - Forum for government to brief industry on standards, interoperability, and program related activities.
 - Forum for industry to disseminate views on standards, current and forthcoming technology, and interoperability concerns.
 - Mechanism to allow industry to directly contribute to the development of standards.
 - Recommendations and positions by industry to government on standards related issues

Upgraded Website

www.hfindustry.com

HFIA HIGH FREQUENCY INDUSTRY ASSOCIATION

Home
Upcoming Events
Meetings & Presentations
HF Communique
Current Officers
Member Companies
Associated Organizations
Technical Efforts
Certifications

**Welcome to HFIA,
High Frequency Industry Association**

The Armed Forces Communications Electronics Association (AFCEA), High Frequency Technical Committee, High Frequency Industry Association (HFIA) provides an industry driven forum for the interexchange of technical ideas and information in High Frequency Communications."

This site was created to provide interested parties information about the activities performed by the Frequency Industry Association (HFIA) with date information about High Frequency Radio, Modems, and the latest development in the field Radio communications. The High Frequency Industry Association (HFIA) facilitates:

- Introduction of new technical concepts and approaches to the HF community which may solve communication problems.
- Forum for government to brief industry on interoperability, and program related activities.
- Forum for industry to disseminate views on standards, current and forthcoming technology interoperability concerns.
- Mechanism to allow industry to directly contribute to the development of standards.
- Recommendations and positions by industry and government on standards related issues.

All Copyrights, Trademarks, Service Marks shown are owned by the indicated corporations, plus Copyright © 1995, 1997, 1999 High Frequency Industry Association

THE AF CONSULT AB IN SOLNA, SWEDEN.
FOR MORE DETAILS
[CLICK HERE.](#)

HFIA HIGH FREQUENCY INDUSTRY ASSOCIATION

Home
Upcoming Events
Meetings & Presentations
HF Communique
Current Officers
Member Companies
Associated Organizations
Technical Efforts
Certifications

HFIA Meeting Presentation Materials

HFIA meeting presentations contain a wealth of information gathered over the years. In an effort to make this information more accessible, an [index](#) has been created. The first tab of the index orders the information by Subject Matter, while the second tab orders the information by the Meeting Date.

Once you have chosen the material of interest, scroll the list of meetings, select agenda to review that meeting's agenda or Presentation Materials to review or download the materials presented at that meeting.

August 20, 2010 HFIA Meeting in Solna, Sweden
[Agenda](#)

February 4, 2010 HFIA Meeting in San Diego, CA
[Agenda](#) [Presentation Materials](#)
[Event Photos](#)

September 14, 2009 HFIA Meeting in Munich, Germany
[Agenda](#) [Presentation Materials](#)
ICM - No Meeting Held

February 12, 2009 HFIA Meeting in San Diego, CA
[Agenda](#) [Presentation Materials](#)
ICM - No Meeting Held

SPECIAL THANKS TO ALL OUR KEYNOTE SPEAKERS!
CLICK ON THE FOLLOWING LINKS TO VIEW AGENDA, PRESENTATION MATERIALS AND EVENT PHOTOS.
REGARDS,
MARCELO DE RISIO

Nordic HF10 Conference

17-19 AUGUST 2010
[MORE DETAILS](#).....

HFIA Sub-Committee Activities

- **MIL-STD Technical Advisory Committee**
- Organized Jan. 26, 2011, San Diego
- Chairman: Bob Adkinson, USAF
- Purpose: Revise/Update MIL-STD-188-110B
- MIL-STD-188-110C TAC Completed Sept. 2011
- “110C” Ratified & Published October 2011

Previous HFIA Agenda: September 29, 2011

- State Information Communications Foundation (Estonia) Overview – Mihkel Tammet
- Status Report on Last NATO Working Group Meeting - Dr. Eric Johnson
- Status Report on the MIL-STD Technical Advisory Committee - Dr. Eric Johnson
- Over Air Test Results for 110C Appendix D WBHF Highest Order QAM Waveforms – Rockwell Collins
- Summary of Wideband HF On-Air Testing – Harris Corporation
- LF/HF Radio & Antenna Life Cycle Materiel Management - Al Bourgeois Canada DND & Secretary of NATO BLOS CaT

Previous HFIA Agenda – Sept 29, 2011

- Application of Spectral Sensing toward a Wideband HF ALE Solution – Harris Corporation
- HFIA “Teaming” with NATO BLOS Comms
- Nominations and vote for new HFIA Secretary (Marcelo De Risio term completed) Note: no nominations for new secretary in Estonia

HFIA Agenda – January 26, 2012

- 9:00 – Welcome, Introductions, Agenda, Announcements – Randy Nelson, HFIA Chairman
- 9:10 – HFIA Status Report – Marcelo De Risio, HFIA Secretary
- 9:15 – Status Report on Last NATO Working Group Meeting - Dr. Eric Johnson
- 9:30 – Status Report on the MIL-STD Technical Advisory Committee - Dr. Eric Johnson
- 10:00 – JITC High Frequency Test Facility – Sandra Maldonado, JITC
- 10:30 - Morning Break
- 10:45 – Additional Wideband HF Mid-Latitude Over-the-Air Performance Results – Mark Jorgenson, Rockwell Collins

HFIA Agenda – January 26, 2012

- 11:30 – Waveform Comparison based on Multipath and Doppler Spread Capability. John Nieto & William Furman, Harris Corporation
- 12:00 – Working lunch courtesy of Harris Corporation
- 12:15 – Are HF BLOS Circuits still a Viable Communications Medium in 2012? – Mark Allen, Antenna Products Corporation
- 13:00 – Wideband HF IP at Sea. James Mahan, SPAWAR
- 13:30 – Spectrum Sensing as Tool to Analyze Wideband HF Channel Availability. Bill Furman, John Nieto, Colleen Henry, Eric Koski – Harris
- 14:00 – Afternoon Break
- 14:15 – HF XL: An Alternative 4G Solution. Eric Bader, Thales Defence & Security C4I Systems
- Election of HFIA Secretary – Remarks and Adjourn