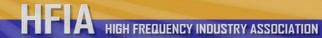


HFIA - Winter meeting

January 27, 2011 San Diego, CA





Welcome & Introductions

- Welcome
- Current Officers
 - □ Chairman Randy Nelson Term: August 2009 2011
 - □ Secretary Marcelo De Risio Term: September 2009 2011
- Information on charter, past presentations, etc
- Other Announcements
 - ☐ HFIA Summer 2011meeting.
 - Place: TBD
 - 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 or 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

Member Companies

Technical Efforts

Certifications

Associated Organizations

www.hfidustry.com

HIGH FREQUENCY INDUSTRY ASSOCIATION Home Welcome to HFIA. **Upcoming Events** High Frequency Industry Association Meetings & Presentations The Armed Forces Communications Electronics HF Communiqué Association (AFCEA), High Frequency Technical Committee, High Frequency Industry Association (HFIA) Current Officers

provides an industry driven forum for the interac exchange of technical ideas and information in High Frequency Communications."

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

Home

Upcoming Events

HF Communiqué

Current Officers

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HIGH FREQUENCY INDUSTRY ASSOCIATION

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 choosen 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 presentated at that meeting.

<u>Agenda</u>

February 4, 2010 HFIA Meeting in San Diego, CA Agenda Presentation Materials **Event Photos**

September 14, 2009 HFIA Meeting in Munich,

ICM - No Meeting Held

February 12, 2009 HFIA Meeting in San Diego, CA Agenda Presentation Materials

ICM - No Meeting Held

CLICK ON THE FOLLOWING LINKS TO VIEW AGENDA, PRESENTATIONS AND EVENT PHOTOS.

REGARDS, MARCELO DE RISIO

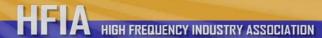


HFIA Meeting Presentation Materials

August 20, 2010 HFIA Meeting in Solna, Sweden

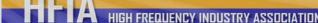
Agenda Presentation Materials





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
- Participation by invitation
- ICM Sub-committee:
- Chairman: Jim Mahan, SAIC
- Members: Open
- Dormant since February 2008





Review of Last HFIA Meeting

- The last HFIA Meeting was held on August 21, 2010 in Sweden following Nordic HF
- 16 participants attended the event



HFIA extends its appreciation to Mr. Jorma Ahonen of ÅF-Consult for hosting the event and Mr. Håkan Bergzén of Combitech for his assistance in facilitating the execution of the meeting in conjunction with the Nordic HF Conference



HFIA Agenda - August, 2010

- NVIS Frequency Selection at Mid-Latitudes Marcus C. Walden, Plextek
- On Air Testing of a Wideband HF waveform W. Furman, J, Nieto, Harris Corporation
- Results from Over the Air Wideband HF Testing Mark Jorgenson,
 Rockwell Collins
- Interoperability test results between Harris RF-5800H, Rohde & Schwarz M3SR and Selex HF2000 - Håkan Bergzén, Combitech AB
- Canadian Naval HF System upgrade Cdr. Kristof Langland,
 Canadian Navy
- Election of HFIA Chairman
- Wrap-up, Closing Remarks and Adjourn



HFIA Agenda - January 27, 2011

- 9:00 Welcome, Introductions, Agenda, Announcements Randy Nelson, HFIA Chairman
- 9:10 Report on Last HFIA Meeting Marcelo De Risio, HFIA Sec
- 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 XMPP over HF using STANAG 5066 Steve Kille, ISODE
- 11:30 Way Ahead in HF Data Communications, a Networking Story – James Mahan, SAIC
- 12:00 Working Lunch



HFIA Agenda - January 27, 2011

- 12:15 Canada HF modernization project Cdr. Kristoff Langland,
 Canadian Navy
- 12:45 RF Power test equipment and signal dependency Lynn Strube, Bird Technologies
- 13:30 Simulation requirements for fading multipath channel conditions W. Furman, Harris Corporation
- 14:00 WBHF Testing over a Transatlantic Link Mark Jorgenson, Rockwell Collins
- 14:30 Preamble performance for various HF standards J.Nieto W. Furman, Harris Corporation
- 15:00 Afternoon Break
- 15:15 Digital Voice Data Rate Performance Improvements: MIL-STD-110C App D – Jim Gregory, Rockwell Collins



HFIA Agenda – January 27, 2011

- 15:45 Improving the 3GALE standard for tactical land based operations - Håkan Bergzén, Combitech
- 16:15 Wrap-up, Closing Remarks and Adjourn