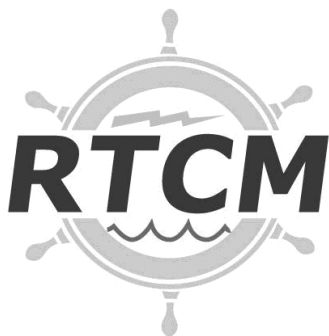


RTCM 2007



Conference Program

**2007 Annual Assembly Meeting
and Conference of the
Radio Technical Commission
for Maritime Services**

**May 6-11, 2007
St. Pete Beach, Florida, USA**

*Radio Technical Commission for Maritime Services
1800 N. Kent St., Suite 1060
Arlington, Virginia 22209, USA*

**E-Mail: Info@rtcm.org
<http://www.rtcn.org>**

2007 RTCM ANNUAL ASSEMBLY MEETING PROGRAM

Sunday, May 6, 2007

1730 - 1930 Registration Desk Open

1830 - 2030 Welcome Reception for Registrants and
Guests

Monday, May 7, 2007

0830 Light food and beverage service

0830 - 1630 Registration Desk Open

0900 - 0945 SESSION 1A

Annual RTCM Business Meeting

All Assembly Meeting registrants are invited to attend

Chair: George Lariviere

Chair of the Board, RTCM

Report of the President

Robert Markle

President, RTCM

0945 - 1015 Refreshment Break

Morning Technical Program

1015 – 1200 SESSION 1B – TECHNICAL SESSION
--

U.S. and International Regulations

Moderator: Paul Arnstein, U.S. Coast Guard

- U.S. Coast Guard Regulatory initiatives, including Automatic Identification Systems, Advance Notice of Arrival and Electronic Charts
Jorge Arroyo, U.S. Coast Guard
- Regulatory Developments at the U.S. Federal Communications Commission (FCC)
Ghasan Khalek, Federal Communications Commission, USA
- International Telecommunications Union and the World Radiocommunication Conference, 2007
Dante Ibarra, Federal Communications Commission, USA
Joe Hersey, U.S. Coast Guard

1200 - 1330 Lunch Break – Exhibit Suites Open

Monday, May 7, 2007 (cont'd)

Afternoon Technical Program

1330 – 1430 SESSION 1C – TECHNICAL SESSION

**International Electrotechnical Commission
Technical Committee 80, Maritime Navigation and
Radio-communication Equipment And Systems
(IEC TC80)**

**Moderator: Joseph D. Hersey Jr
Technical Advisor, U.S. National Committee Technical
Advisory Group For IEC TC80, USA**

- **Work of IEC Technical Committee 80 (TC80) on
Maritime Navigation And Radiocommunication
Equipment And Systems**
- **Meeting of the U.S. National Committee Technical
Advisory Group For IEC Technical Committee 80 (TC80)**

1430 - 1500 Refreshment Break

Committee Meeting

1500 - 1800 SESSION A1

**Meeting of IEC TC80 Working Group 14 - Non-Ship
AIS**

Chair: Alan Stewart, Northern Lighthouse Board, UK

**(Note: Meeting continues Tuesday – Friday
Participation is limited to IEC TC80 members
designated by their national committee. Others may
attend this plenary meeting as observers.)**

1500 – 1630 Session 1D – TECHNICAL SESSION

Satellite Services

Moderator: Ron Lockerby, Thrane & Thrane, USA

- **Inmarsat Services
Brian Mullan, Inmarsat, United Kingdom**
- **Status Report - International Long Range Identification
and Tracking System
Robert Markle, RTCM, USA**
- **VSAT and GSM service at Sea over Satellite
Bill Harrington and Johannes Kausland, Maritime
Telecommunications Network / SeaMobile**

1630 – 1930 Exhibit Suites Open

1700 – 1800 RTCM Board of Directors Meeting

**Chair: George Lariviere
Chairman of the Board
RTCM member representatives welcome**

Tuesday, May 8, 2007

0800 Light food and beverage service

0800 - 1630 Registration Desk Open

Committee Meeting

Note: Some sessions will meet simultaneously. See times listed below for individual activities; check bulletin boards for specific meeting locations.

0830 - 1130 SESSION B1

Meeting of IEC TC80 Working Group 14 - Non-Ship AIS

Chair: Alan Stewart, Northern Lighthouse Board, UK

(Note: Meeting continues Wednesday – Friday
Participation is limited to IEC TC80 members designated by their national committee. Others may attend this plenary meeting as observers.)

Technical Program

0830 – 1000 SESSION 2A – TECHNICAL SESSION
--

Voyage Data Recorders

- U.S. Coast Guard Voyage Data Recorder Study
Dolores Mercier, U.S. Coast Guard
- The Use of Simulation in Marine Accident Investigations
Paul Welling, Transas USA
- Use of Voyage Data Recorders and Other Electronic Data in Marine Accident Investigations
Dennis Grossi and Tom Roth-Roffy, National Transportation Safety Board, USA

1000 – 1030 Refreshment Break

1030 – 1130 SESSION 2B – TECHNICAL SESSION
--

VHF Portable Radios - Panel Discussion

Moderator: George Dillon, Federal Communications Commission, USA

- Digital Selective Calling and GPS Proposals for VHF Portable Radios
Joe Hersey, U.S. Coast Guard
- Incorporating GPS Processors in Hand Portable Devices
Chris Hoffman, PROCON, Inc.

Other Panel Members:

Jim Haynes, Uniden
Scott Iverson, Standard Horizon
David Sheekey, Navico

Tuesday, May 8, 2007 (cont'd)

1130 – 1330 Lunch Break – Exhibit Suites Open

Committee Meetings

1330 - 1630 SESSION B2

Meeting of RTCM Special Committee 109 – Electronic Charts

Chair: Fred Ganjon, IIC Technologies, Inc., USA

1330 - 1630 SESSION B3

Meeting of IEC TC80 Working Group 14 - Non-Ship AIS

Sub-Working Groups (by invitation)

1330 – 1430 SESSION 2C – TECHNICAL SESSION

VHF Digital Data Services: RTCM SC123

Mr. Ross Norsworthy, REC, Inc., USA, Chair RTCM
Special Committee 123

Mr. Daoud Serang, CML Microcircuits, USA

1430 - 1500 Refreshment Break

1500 -1630 SESSION 2D – TECHNICAL SESSION

Automatic Identification Systems

Moderator: Chuck Husick, Boat U.S. Foundation,
USA

- **AIS SART Trials**
Alan Stewart, Northern Lighthouse Board, U.K.
- **Troposcatter AIS Detection**
Mark Johnson, Shine Micro, USA
- **Nationwide AIS (NAIS)**
CAPT Kurt Guth, U.S. Coast Guard
- **Real Time Current Velocity System**
Michael Winkler, U.S. Army Corps of Engineers
Brian Tetrault, U.S. Coast Guard

1630 – 1930 Exhibit Suites Open

Wednesday, May 9, 2007

0800 Light food and beverage service

0830 - 1230 Registration Desk Open

Morning Technical Program

0900 - 1000 SESSION 3A – TECHNICAL SESSION

E-Navigation

Moderator: Margaret Browning, L-3 Communications, USA

- **General Lighthouse Authority's E-Navigation Vision
Dr. Sally Basker, Trinity House, U.K.**
- **IALA's E-Navigation Committee
Jorge Arroyo, U.S. Coast Guard**
- **Marine Electronics Networks
Eric Kunz, Furuno USA**

1000 – 1030 Refreshment Break

1030 – 1200 SESSION 3B – TECHNICAL SESSION

E-Navigation

Moderator: RADM Ed Gilbert (USCG, ret.), Gilbert and Associates, USA

- **The Future of Differential GPS Navigation
LT Lee Hartshorn, U.S. Coast Guard**
- **US Coast Guard HF Weather Broadcasting
CAPT Len Ritter, U.S. Coast Guard**

1200 – 1330 Lunch Break – Exhibit Suites Open

Wednesday, May 9, 2007 (cont'd)

Committee Meetings

All Assembly Meeting registrants are invited to attend these committee meetings, except as noted.

Note: Some sessions will meet simultaneously. See times listed below for individual activities; check bulletin boards for specific meeting locations.

0800 - 1200 SESSION C1

Meeting of RTCM Special Committee 123 on VHF Digital Small Message Services

Chair: Ross Norsworthy, REC, Inc., USA

0900 - 1800 SESSION C2

Meeting of IEC TC80 Working Group 14 - Non-Ship AIS

Sub-Working Groups (by invitation)

Afternoon Technical Program

1330 - 1445 SESSION 3C – TECHNICAL SESSION
--

Vessel Tracking and Electronic Charting

Moderator: Fred Ganjon, IIC Technologies, Inc., USA

- **The Role of the International Maritime Satellite Organization (IMSO) in Relation to GMDSS and LRIT**
Larry Solomon, U.S. Coast Guard
- **Update on Corps of Engineers Inland ENC Initiative**
Anthony Niles, U.S. Corps of Engineers
- **Status of International Inland ENC Standards Development and Implementation**
Dr. Lee Alexander, University of New Hampshire Center for Coastal and Ocean Mapping, USA

1430 - 1500 Refreshment Break

1515 - 1630 SESSION 3D – TECHNICAL SESSION
--

Loran

Moderator: Langhorne Bond, International Loran Association, USA

- **Loran – The Long-Term Outlook**
Langhorne Bond, International Loran Association, USA
- **Loran Modernization – Loran Data Channel**
CDR Christopher Nichols, U.S. Coast Guard Loran Support Unit
- **The eLoran Evaluation and Modernization Program**
Mitchell Narins, U.S. Federal Aviation Administration, USA
- **The General Lighthouse Authorities' eLoran Programme**
Dr. Sally Basker, General Lighthouse Authorities of the UK and Ireland
- **Enhanced Loran (eLoran)**
James Doherty, Institute for Defense Analysis, USA

1630 - 1930 Exhibit Suites Open

1800 Prize Drawings – Exhibit Area

Thursday, May 10, 2007

0800 Light food and beverage service

0830 - 1230 Registration Desk Open

Note: Some sessions will meet simultaneously. See times listed below for individual activities; check bulletin boards for specific meeting locations.

Refreshment breaks will be held in a central location from 1000 to 1100 and from 1430 to 1530.

Lunch breaks for individual sessions will be scheduled by the session leaders.

Committee Meetings

All Assembly Meeting registrants are invited to attend these committee meetings, except as noted.

0900 - 1300 SESSION D1

Meeting of the U.S. Global Maritime Distress and Safety System Implementation Task Force

Chair: CAPT John Fuechsel, USCG (ret.), USA

0900 - 1700 SESSION D2

Meeting of RTCM Special Committee 104 on Differential Global Navigation Satellite Systems

Chair: Rudy Kalafus, Trimble Navigation, USA

(Note: Meeting continues Friday)

0900 - 1700 SESSION D3

Meeting of RTCM Special Committee 110 on Emergency Beacons

Chair: Paul Steward, Seimac, USA

0900 - 1430 SESSION D4

Meeting of IEC TC80 Working Group 14 - Non-Ship AIS

Sub-Working Groups (by invitation)

Thursday, May 10, 2007 (cont'd)

1400 - 1630 SESSION D5

Meeting of the U.S. SOLAS Working Group on Communications, Search and Rescue

Chair: CAPT Len Ritter, U.S. Coast Guard, USA

1500 - 1800 SESSION D6

Meeting of IEC TC80 Working Group 14 - Non-Ship AIS

Chair: Alan Stewart, Northern Lighthouse Board, UK

**(Note: Meeting continues Friday
Participation is limited to IEC TC80 members
designated by their national committee. Others may
attend this plenary meeting as observers.)**

Friday, May 11, 2007

0830 Light food and beverage service

0830 - 1030 Registration Desk Open

Note: Some sessions will meet simultaneously. See times listed below for individual activities; check bulletin boards for specific meeting locations.

Refreshment Breaks will be held in a central location from 1000 to 1100 and from 1430 to 1530.

Lunch breaks for individual sessions will be scheduled by the session leaders.

Workshop

0900 - 1730 SESSION E1

Beacon Manufacturer's Workshop

**Moderator: Ajay Mehta
U.S. Department of Commerce, NOAA,
SARSAT Program Office, USA**

The Beacon Manufacturer's Workshop, sponsored by the SARSAT Program Office, NOAA, U.S. Department of Commerce, will consider issues related to 406 MHz Satellite Emergency Position-Indicating Radiobeacons (EPIRBs), Emergency Locator Transmitters (ELTs), Personal Locator Beacons (PLB's), and the COSPAS-SARSAT System. Items to be addressed include Beacon Type Approval Testing, 121.5/243 MHz Phase-out and Beacon Registration among other topics.

Separate registration required (no additional fee): Workshop attendees should submit advance registration and other recommended session topics to the NOAA/NESDIS, SARSAT Program Office, Code E/SP3, FB4, Room 3320, 5200 Auth Road, Suitland, Maryland 20746-4304, USA; Telephone +1-301-457-5677; Telefax +1-301-457-5620.

Friday, May 11, 2007 (cont'd)

Committee Meetings

All Assembly Meeting registrants are invited to attend these committee meetings

0830 - 1230 SESSION E2

Meeting of RTCM Special Committee 124 - Maritime HF Interest Group

Chair: Tim Langdon, Military Sealift Command, USA

0900 - 1300 SESSION E3

Meeting of IEC TC80 Working Group 14 - Non-Ship AIS

Chair: Alan Stewart, Northern Lighthouse Board, UK

(Note: Participation is limited to IEC TC80 members designated by their national committee. Others may attend this plenary meeting as observers.)

0900 - 1700 SESSION E4

Meeting Of RTCM Special Committee 104 on Differential Global Navigation Satellite Systems

Chair: Rudy Kalafus, USA

(Note: Meeting continued from Thursday)

1300 - 1630 SESSION E5

Meeting of RTCM Special Committee 125 - Integration of Antenna Facilities

Chair: Peter Kierans, Globe Wireless, USA



Exhibitors Registered Prior To Program Printing

**For Additional
Exhibitors See**

<http://www.rtc.org>

**Exhibits Open
May 7 - 9, 2007**

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GENERAL MEETING AND HOTEL INFORMATION

All meeting session activities will be at the TradeWinds Island Grand, 5500 Gulf Boulevard, St. Pete Beach, FL 33706, USA.

Concierge staff members are available to all leisure and group guests, to arrange a wide variety of day trips from shopping to scuba diving, making dinner reservations, arranging theater and attractions tickets, scheduling golf tee times and more. There is an Avis car rental facility on site. Possible tours range from short half day trips in the immediate area to full day and multiple day trips to nearby regions of Florida. Possible tours include:

- Busch Gardens
- Sea World
- Universal Studios
- Disney - MGM Studios
- Epcot Center
- Walt Disney World's Magic Kingdom
- Cypress Gardens
- Kennedy Space Center
- The Everglades
- Tampa Bay Devil Rays Baseball

Future RTCM Annual Assembly Meetings

May 4 – 9, 2008

Catamaran Resort
3999 Mission Boulevard
San Diego CA 92109, USA

May 3 – 8, 2009

TradeWinds Island Grand Resort
5500 Gulf Boulevard
St. Pete Beach, FL 33706, USA

