

RTCM 2009



Conference Program

May 3 - 9, 2009, St. Pete Beach, Florida, USA

2009 Annual Assembly Meeting and Conference of the Radio Technical Commission for Maritime Services

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

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

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

Sunday, May 3, 2009

1730 - 1930 Registration Desk Open

1830 - 2030 Welcome Reception for Registrants and Guests
Breckenridge Building Deck North

Monday, May 4, 2009

All sessions open to all registrants unless noted

0830 Light food and beverage service

0830 - 1630 Registration Desk Open

Morning Technical Program

0900 - 1000 SESSION 1A

Tarpon Key/ Sawyer Key

Annual RTCM Business Meeting

All Assembly Meeting registrants are invited to attend

Chair: George Lariviere

Chair of the Board, RTCM

Opening Presentation - What's Next for eLoran in the United States?

Mr. Langhorne Bond, President, International Loran Association

1000 - 1030 Refreshment Break

1030 - 1200 SESSION 1B

Tarpon Key/ Sawyer Key

eNavigation Technology

Moderator: Alan Blume, Blume Maritime and International Registries, Inc., USA

NMEA 2000 and NMEA 0183

Mr. Dave Hayden and Mr. Steve Spitzer, National Marine Electronics Association

Mr. Lee Luft, U.S. Coast Guard Research and Development Center

Updating of Navigation Equipment Software in the Field

Mr. Michael Rambaut, Secretary General, Comité International Radio-Maritime (CIRM)

1200 - 1330 Lunch break - Exhibit Suites open

Monday, May 4, 2009

Afternoon Technical Program

1330 - 1500 SESSION 1C

Tarpon Key/ Sawyer Key

U.S. and International Regulations

Moderator: Mike Sollosi, U.S. Coast Guard

U.S. Coast Guard Regulatory Initiatives, including Automatic Identification Systems, Advance Notice of Arrival and Electronic Charts, and Electronic Charts

Mr. Jorge Arroyo, U.S. Coast Guard

U.S. Federal Communications Commission Regulatory Initiatives

Mr. Ghassan Khalek, U.S. Federal Communications Commission

Participating in the FCC's Rulemaking Process

Mr. Larry Solomon, U.S. Coast Guard

International Telecommunications Union and the World Radiocommunication Conference, 2011

Mr. Christian Rissone, Agence Nationale des Fréquences (ANFR), France

1500 - 1530 Refreshment break

1530 - 1630 SESSION 1D

Tarpon Key/ Sawyer Key

International Electrotechnical Commission Activities of Technical Committee 80, Maritime Navigation and Radiocommunication Equipment and Systems

Mr. Michael Rambaut, Secretary General, Comité International Radio-Maritime (CIRM) representing IEC TC80 Secretariat

Meeting of U.S. TAG (Technical Advisory Group)

Mr. Joe Hersey, U.S. National Committee Technical Advisor (TA) and TAG Administrator

1630 - 1930 Exhibit Suites open

1700 - 1800 RTCM Board of Directors

Sawgrass

Member representatives welcome

Chair: George Lariviere, Chairman of the Board

Tuesday, May 5, 2009

All sessions open to all registrants unless noted

0800 Light food and beverage service

0800 - 1530 Registration Desk Open

Morning Technical Program

0830 - 0930 SESSION 2A

Tarpon Key/ Sawyer Key

Radionavigation Technologies

Moderator: CAPT Curt Dubay, U.S. Coast Guard

GPS Jamming Trial

Dr. Alan Grant / Dr. Paul Williams, General Lighthouse Authorities / Trinity House, UK

Maritime and Nationwide DGPS Update

LT Lee Hartshorn, U.S. Coast Guard Headquarters

Using AIS to Monitor GPS Anomalies and Interference

Mr. Joe Hersey, U.S. Coast Guard Headquarters

0930 - 1000 Refreshment break

1000 - 1130 SESSION 2B

Tarpon Key/ Sawyer Key

Automatic Identification Systems

Moderator: Sandra Borden, ManTech International Corp., Systems and Analysis Engineering Group, USA

AIS-SART Field Trials

Alan Stewart, Northern Lighthouse Board, Scotland

NAIS Project Status

CDR Keith Ingalsbe, U.S. Coast Guard Headquarters

NAIS Project Implementation

Mr. Tom Fagre, Northrop Grumman (invited)

Developments in Satellite detection of AIS

Mr. Bjorn Naarheim, Norwegian Defence Research Establishment

Tuesday, May 5, 2009

Morning Breakout Sessions

0830 - 1130 Navigation Software Update Workshop

Indian Key

Chair: Mr. Michael Rambaut, CIRM, UK

**0900 - 1630 Meeting of RTCM Special Committee 128 - Satellite
Emergency Notification and Locating Devices**

Bird Key

Chair: Mr. Chris Hoffman, Procon, USA/UK

1130 - 1330 Lunch break - Exhibit Suites open

Tuesday, May 5, 2009

Afternoon Technical Program

1330 - 1500 SESSION 2C

Tarpon Key/ Sawyer Key

eNavigation

Moderator: Dr. Lee Alexander, Center for Coastal & Ocean Mapping /
Joint Hydrographic Center, USA

Shore-based Components of e-Navigation

Mr. Bill Cairns, Chair, IALA e-Navigation Committee

Navigation System Integration and e-Navigation

Mr. David Blevins, Vice Chair, CIRM INS Working Group

USCG AIS Binary Message Development and Testing

Mr. Greg Johnson, Alion Science for U.S. Coast Guard

St. Lawrence River eNavigation Testbed Project: Update

Mr. Gilles Ringuette, Canadian Coast Guard (invited)

1500 - 1530 Refreshment break

1530 - 1630 SESSION 2D

Tarpon Key/ Sawyer Key

eNavigation Panel

Moderator: Dr. Lee Alexander, Center for Coastal & Ocean Mapping /
Joint Hydrographic Center, USA

Capt. Jorge Viso, Tampa Bay Pilots Assoc./Chair, APA NAVTEC
Committee

Mr. Bill Cairns, USCG, Washington, DC, USA

Mr. David Blevins, Vice Chair, CIRM INS Working Group

1630 - 1930 Exhibit Suites open

Afternoon Breakout Sessions

**1330 - 1700 Meeting of RTCM Special Committee 123 - Standards
for VHF-FM Digital Small Message Services**

Indian Key

Chair: Mr. Ross Norsworthy, REC, Inc.

Wednesday, May 6, 2009

All sessions open to all registrants unless noted

0830 Light food and beverage service

0830 - 1330 Registration Desk Open

Morning Technical Program

0900 - 1030 SESSION 3A

Tarpon Key/ Sawyer Key

Technical Presentations

Moderator: Mr. Bob Feather, CHS Marine Consultants

Report from the Transportation Safety Board of Canada

Mr. Eric Asselin, Transportation Safety Board of Canada

Jeppesen PRIMAR ENC Service - Official ENC Distribution for Mandatory ECDIS

Mr. Eric James, Jeppesen Marine, USA

Transas Draft Optimization Viewer

Mr. Paul Welling, Transas USA

British Admiralty AVCS service / Transas Admiralty Data Service

Mr. Ross Kingdon, UK Hydrographic Office, presented by Mr. Paul Welling, Transas USA

1030 - 1100 Refreshment break

1100 - 1200 SESSION 3B

Tarpon Key/ Sawyer Key

Global Maritime Distress and Safety System

Moderator: Mr. Rich Beattie, Radio Holland, USA

Sea Tow Radio Network

Mr. Charlie Zaloom, SeaTow, USA

Mr. Jason Smith, MariTEL, USA

Implementation of the International Long Range Identification and Tracking System

LCDR Chris Shivery, U.S. Coast Guard Headquarters

Inmarsat Services

Mr. Brian Mullan, Inmarsat

Morning Breakout Sessions

1000 - 1630 Meeting of IEC TC80 Working Group on Automatic Identification Systems

Blue Heron (Non-members may observe plenary sessions)

Chair: Alan Stewart, Northern Lighthouse Board, Scotland
(Non-members may observe plenary sessions)

1100 - 1630 Meeting of RTCM Special Committee 109 - Electronic Charts

Bird Key

Chair: Bob Feather, Feathersoft of Portsmouth, USA

1200 - 1330 Lunch break - Exhibit Suites open

Afternoon Technical Program

1330 - 1500 SESSION 3C

Tarpon Key/ Sawyer Key

Global Maritime Distress and Safety System

Moderator: Glenn Dunstan, Densham and Associates, Australia

GMDSS Modernization

Mr. Peter Blackhurst, Maritime and Coastguard Agency, UK

VHF Data – Communication Carrier for the Maritime Industry

Mr. Ånund Haktorsen, Telenor, Norway

USCG Sector MF/HF Site Rehabilitation Project Business Case

Mr. Dave Fowler, UrsaNav, Inc. for U.S. Coast Guard **USCG Sector**

Maritime Spectrum Requirements in the US and Globally (WRC-2011 Agenda Item 1.10)

Mr. Ross Norsworthy, REC, Inc.

1500 - 1530 Refreshment break

Wednesday, May 6, 2009

1530 - 1630 SESSION 3D

Tarpon Key/ Sawyer Key

Search and Rescue Communications

Moderator: Chris Hoffman, SafeLife Systems/Procon, UK, USA

RNLI / IMRF / MOB Guardian

Mr. Peter Bradley, Royal National Lifeboat Institution, UK

406 MHz homing

CAPT Joe Deer, U.S. Coast Guard Headquarters

AIS Technology in Search and Rescue

CAPT David McBride, U.S. Coast Guard Headquarters

Afternoon Breakout Session

1330 - 1700 Meeting of RTCM Special Committee 127 - eLoran

Indian Key

Chair: Dr. Ben Peterson, Peterson Integrated Geopositioning

1630 - 1930 Exhibit Suites open

1800 Prize drawing in the Exhibit Area

Thursday, May 7, 2009

All sessions open to all registrants unless noted

0830 Light food and beverage service

0830 - 1100 Registration Desk Open

Breakout Sessions

0900 - 1300 Meeting of the National GMDSS Implementation Task Force

Tarpon Key (Public meeting)

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

0900 - 1700 Meeting of RTCM Special Committee 104 on Differential Global Navigation Satellite Systems

Sawyer Key

Acting Chair: Rudy Kalafus, Trimble Navigation, USA

0900 - 1700 Meeting of RTCM Special Committee 110 on Emergency Beacons

Bird Key

Chair: Chris Hoffman, Procon, USA/UK

0900 - 1630 Meeting of IEC TC80 Working Group on Automatic Identification Systems

Blue Heron (Non-members may observe plenary sessions)

Chair: Alan Stewart, Northern Lighthouse Board, Scotland

Thursday, May 7, 2009

0900 - 1700 Meeting of RTCM Special Committee 121 Working Group - Expanded Use of AIS in VTS

Glades

Co-Chairs: Dr. Lee Alexander, Center for Coastal & Ocean Mapping / Joint Hydrographic Center, USA
Ms. Irene Gonin, U.S. Coast Guard Research and Development Center

0900 - 1700 Meeting of RTCM Special Committee 127 - eLoran

Indian Key

Chair: Dr. Ben Peterson, Peterson Integrated Geopositioning

1400 - 1700 Meeting of the U.S. SOLAS Working Group on Communications, Search and Rescue

Tarpon Key (Public meeting)

Chair: CAPT Drew Rambo, USCG

Friday, May 8, 2009

All sessions open to all registrants unless noted

0830 Light food and beverage service

0830 - 1000 Registration Desk Open

0900 - 1730 Beacon Manufacturer's Workshop

Long Key (Public meeting – separate registration required)

Beacon Manufacturer's Workshop, sponsored by the SARSAT Program Office, NOAA, U.S. Department of Commerce. Workshop attendees should submit advance registration; Telephone 1-301-817-3892 or 1-888-212-SAVE (7283), Telefax (301) 731-2067.

Breakout Sessions

0900 - 1700 Meeting of RTCM Special Committee 104 on Differential Global Navigation Satellite Systems

Jasmine/Palm

Acting Chair: Rudy Kalafus, Trimble Navigation, USA

0900 - 1700 Meeting of IEC TC80 AIS Working Group

Blue Heron (Non-members may observe plenary sessions)

Chair: Mr. Alan Stewart, Northern Lighthouse Board, Scotland

Saturday, May 9, 2009

0900 - 1300 Meeting of IEC TC80 AIS Working Group

Blue Heron (Non-members may observe plenary sessions)

Chair: Mr. Alan Stewart, Northern Lighthouse Board, Scotland

Future RTCM Annual Assembly Meetings

May 16-22, 2010

Catamaran Resort
3999 Mission Boulevard
San Diego, CA 92109, USA

May 15-21, 2011

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

