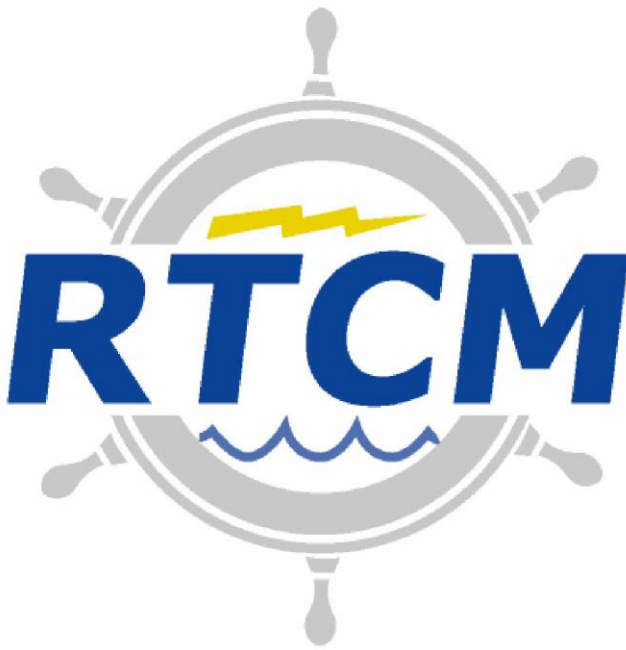**2014 Annual Meetings**

Loews Annapolis Hotel

Annapolis, Maryland, USA

Thank you sponsors!

Spouse Tour

	SUNDAY		
08:30 – 10:00	*Continental Breakfast*	*Annapolis Atrium*	
15.00 – 19.30	Registration Desk	*Hotel Lobby*	
14.00	CIRM Board meeting	*Thomas Point*	
17.30	RTCM Board meeting	*Windmill Point*	
	MONDAY		
08:30 – 09:45	*Continental Breakfast*	*Annapolis Atrium*	
08.30 – 16.00	Registration Desk	*Annapolis Atrium*	
	Session One (session moderator: Frances Baskerville, CIRM)		*Ballroom*
10.00	Opening	Andy Winbow (IMO)	
10:20	CIRM Secretariat	Frances Baskerville (CIRM)	
10.30	IALA Greeting	Pieter Paap (Netherlands Ministry of Infrastructure)	
10.40	RTCM Secretariat	Robert Markle (RTCM)	
10.50	IMO Update	Andy Winbow (IMO)	
11.10	*Tea & Coffee*	*Annapolis Atrium*	
	Session Two (session moderator: Anders Rydlinger, Transas)		*Ballroom*
11.30	CIRM President	Michael Bergmann (CIRM)	
11.50	IHO S101 Status & Briefing	Julia Powell (US Coast Survey)	
12.10	RTCM's e-Navigation Program	Capt. Joe Ryan	
12.30	*CIRM AGM (1 hour)*	*Ballroom*	
12:30	*Lunch (2 hours)*	*Annapolis Atrium*	
14.30	*RTCM Assembly Meeting (30 mins)*	*Ballroom*	
	Session Three (session moderator: Hannu Peiponen, Furuno Finland)		*Ballroom*
15.00	GMDSS Modernization	Robert Markle (RTCM)	
15.20	ITU, IEC Standards Report	Kim Fisher (CIRM)	
15.40	Interface Standards Report	David Blevins (IEC TC 80/WG 6)	
16.10	*Tea & Coffee*	*Annapolis Atrium*	
	Session Four (session moderator: Richard Doherty, CIRM)		*Ballroom*
16.30	American Pilots Presentation	Paul Kirchner	
16.50	Service Presentation	Luis Ayala (Aage Hempel)	
19.00	*Cocktail Reception*	*Mainsail/Spinnaker*	

	TUESDAY		
08:00 – 09:30	*Continental Breakfast*	*Annapolis Atrium*	
08.30 – 14.30	Registration Desk	*Annapolis Atrium*	
	Session One (session moderator: Richard Doherty, CIRM)		*Ballroom*
09.30	The Brilliance of e-Navigation	Richard Doherty (CIRM)	
09.50	MonaLisa 2.0 / Route Exchange	Anders Rydlinger (Transas)	
10.10	ACCSEAS	Peter Paap (Netherlands Ministry)	
11.00	*Tea & Coffee*	*Annapolis Atrium*	

	Session Two Ballroom		
11.30	Formation of Working Groups		
	1) E-Navigation	*Ballroom*	Mod: Andy Winbow & M Bergmann
	2) Type Approval	*Thomas Point*	Mod: Chris Hoffman (ACR Electronics)
	3) Service	*Windmill Point*	Mod: Eric Clarke (Imtech)
13.00	*Lunch*		*Annapolis Atrium*
14.00	**Session Three** Working Groups continue		
15.30	*Tea & Coffee*		*Annapolis Atrium*
16.00	**Session Four** Working Groups continue		
19.30	*Group Dinner*		

	WEDNESDAY	
08:00 – 09:15	*Continental Breakfast*	*Annapolis Atrium*
08.15 – 13.00	Registration Desk	*Annapolis Atrium*
09.15	**Session One** Working Group Reports to plenary	*Ballroom*
11.00	*Tea & Coffee*	*Annapolis Atrium*
	Session Two (session moderator: Rich Beattie) *Ballroom*	
11.30	Signal Out of Noise in Digital Circuits	Lou Halperin (OptCTS)
11.50	Resilient Navigation & Timing Foundation	Chuck Schue (UrsaNav) for Dana Goward (RNT Foundation)
12.10	SAR/Galileo Service & Return Link Service for EPIRBS	Xavier Maufroid (European Commission)
12.30	*Lunch*	*Annapolis Atrium*
	Session Three (session moderator: Peter Andersen, Cobham SATCOM) *Ballroom*	
14.00	Inmarsat Report	Peter Blackhurst (Inmarsat)
14.15	Iridium's GMDSS Satellite Service Provider Application	Brian Pemberton (Iridium)
14.35	New Generation VDR	Hans Ottosen (Danelec)
14.55	Use of Electronic Data in Marine Casualty Investigations	Paulo Ekkebus (Transportation Safety Board of Canada)
15.20	*Tea & Coffee*	*Annapolis Atrium*
	Session Four (session moderator: Pieter Paap, Netherlands Ministry of Transport & Infrastructure) *Ballroom*	
15.50	VHF Data Link Monitoring	Mark Johnson (Shine Micro)
16.10	C-SIGMA	Guy Thomas (C-SIGMA Centre)
16.30	Satellite AIS Update	Peggy Browning (ExactEarth)
Others	Planning for VDES in WRC-15 *	Ross Norsworthy (REC, Inc.)
	The VHF Data Exchange System (VDES) *	Christian Rissone (ANFR)

* Not able to be presented at the conference

	THURSDAY	
07:45 – 09:00	*Continental Breakfast*	*Annapolis Atrium*
08.00 – 10.45	Registration Desk	*Annapolis Atrium*
10.20	*Tea & Coffee*	*Annapolis Atrium*
12.00	*Lunch (sponsor Techno-Sciences, Inc.)*	*Annapolis Atrium*
14.55	*Tea & Coffee*	*Annapolis Atrium*

09.00 – 17.30	**NOAA Beacon Manufacturers Workshop** *Ballroom* 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, Next Generation (MEOSAR) Beacons and Beacon Registration among other topics. Open to all meeting registrants and the public, but separate registration is required.
09.00 – 17.30	**RTCM Special Committee 131 on Multi-System Shipborne** *Thomas Point* **Navigation Receivers** Open to all meeting registrants - Working with IALA, this committee developed a performance standard for a Multi-System Shipborne Navigation Receiver which has been submitted to the IMO Sub-Committee on Navigation, Communication, and Search and Rescue (NCSR) for consideration as a replacement for IMO's performance standards for GPS, GLONASS, and Galileo receivers. It also includes the possibility for use of terrestrial systems such as eLoran. This submission will be reviewed and discussed, along with the possible further development of an RTCM standard including test procedures.

	FRIDAY	
07:45 – 09:00	*Continental Breakfast*	*Mainsail*
08.00 – 09.30	Registration Desk	*Skipjack (Suite 362)*
10.30	*Tea & Coffee*	*Thomas Point and Windmill Point Foyers*
12.00	*Lunch*	*Mainsail*
14.30	*Tea & Coffee*	*Thomas Point and Windmill Point Foyers*

09.00 – 12.30	**GMDSS Task Force** *Point Lookout* Sponsored by the U.S. Coast Guard, open to all meeting registrants and the public. The Task Force considers matters of current interest in maritime communications, both in the U.S. and internationally. It makes formal recommendations for improvement to the appropriate authorities. The meeting may continue in informal session on Friday afternoon to discuss the Task Force response to the Federal Communication Commission's Notice of Proposed Rulemaking on revisions to the U.S. regulations on Stations in the Maritime Services.
09.00 – 17.30	**RTCM Special Committee 110 on Emergency Beacons** *Windmill Point* Open to all meeting registrants - This committee is responsible for RTCM's technical standards for Emergency Position Indicating Radio Beacons (EPIRB) and Personal Locator Beacons (PLB). It is actively involved in the development of Second Generation Beacon standards optimised for operation in the new Cospas-Sarsat MEOSAR system.
13:30 – 17.30	**RTCM eNavigation Special Committees** *Thomas Point* Open to all meeting registrants - These committees are working on RTCM standards for Radar, Electronic Chart Systems, Presentation of navigational Information, Multi-System GNSS Navigation Receivers, and AIS Application Specific Messaging (ASM). This meeting will consider ASMs for Aids to Navigation (AtoN).