

## MINUTES OF THE SIXTEENTH MEETING

### RTCA Special Committee SC-222

#### Inmarsat Aeronautical Mobile Satellite (Route) Services

April 25, April 28, April 30, May 5, May 7, and May 9, 2014

The sixteenth meeting of RTCA Special Committee SC-222 was held at RTCA in Washington, DC.

The following participated either by attending in person or dialed in by phone (shown by \*):

Dr. E.F.C. LaBerge, Co-Chairman	EFC LaBerge Engineering & Analysis, LLC
Dr. Orville Nyhus, Secretary*	Honeywell International, Inc.
Mr. David Robinson, Designated Federal Representative	Federal Aviation Administration/AIR 130
Bill Bowen*	Rockwell Collins
Alden Fuchs*	Iridium
Johan Gericke *	Cobham
Victor Gheorghian*	Bombardier
Derek Graham*	Flyht
Dave Green*	Rockwell Collins
Jun Han*	Rockwell Collins
Steve Harke*	Flyht
Ann Heinke*	Overlook
Nick Hendrickson*	Flyht
Matt Hills	CMC Electronics
Michael Hooper	Iridium
Jennifer Iversen	RTCA
James Klopfenstein*	Rockwell Collins
Kenneth Kosin*	ICG
Bob Lehman*	Honeywell International, Inc.
Kathryn Martin	Access Partnership
Sean McGinnis*	Comdev
Kenneth O'Connor*	I-3 Com
Alan Schuster-Bruce*	Inmarsat
Gary Siegler*	Integrated Avionics
Thomas Tycz	Goldberg, Godles, Wiener & Wright LLP

#### **Introductory Remarks**

Dr. LaBerge opened the meeting at 9:00 PM EDT on April 25, 2014, with introductory greetings and remarks. He then called for introductions of the attendees in attendance, both on-site and on-phone.

Dr. LaBerge reviewed WP-113 which contains the minutes of the fifteenth meeting of SC-222. The minutes were approved by the group.

Dr. LaBerge presented an agenda for this meeting. The primary objective for this meeting is to review comments about the FRAC for the next version of DO-262 to include appendices for the Inmarsat Swift Broadband (SBB) airborne equipment and the Iridium airborne equipment.

This meeting continued over six days, April 25, April 28, April 30, May 5, May 7 and May 9, 2014 as follows:

April 25: 9:00 Am to 5:00 PM EDT  
April 28: 9:00 Am to 4:20 PM EDT  
April 30: 1:00 PM to 4:23 PM EDT  
May 5: 1:00 PM to 5:00 PM EDT  
May 7: 1:00 PM to 3:10 PM EDT  
May 9: 1:00 PM to 1:52 PM EDT

During this series of meeting sessions Dr. LaBerge addressed 258 consolidated FRAC comments that are itemized in a spreadsheet in working paper WP-114a which is available on the RTCA SC-222 website and is also included in the PDF version of these minutes (but not in the WORD version).

At Dr. Laberge's invitation Johan Gericke reviewed the relevant contents of the Inmarsat SBB (Swift Broad Band) specifications which will be documented in Appendix E of DO-262B and which is also contained in SC-222 working paper WP-117.

At Dr. Laberge's invitation Michael Hooper reviewed the relevant contents of the Iridium specifications which will be documented in Appendix D of DO-262B and which is also contained in SC-222 working paper WP-118.

The main body of DO-262B is in SC-222 working paper WP-116.

### **Future Plans**

The final versions of the DO-262B document including appendix D and Appendix E will be delivered to RTCA on Monday, May 12 and will be available to the PMC about a week later.

### **SC-222 Information Website**

SC-222 material is found at <http://workspace.rtca.org>. For help contact Jennifer Iversen at RTCA, 202-330-0662, or [jiversen@rtca.org](mailto:jiversen@rtca.org).

### **Adjournment**

Dr. LaBerge adjourned the final session of this meeting at 1:52 PM EDT on May 9, 2014.

**LIST OF PAPERS PRESENTED AT THE 16<sup>th</sup> MEETING OF SC-222,  
April 25, April 28, April 30, May 5, May 7, and May 9, 2014 at RTCA**

<b>WORKING PAPER No.</b>	<b>AUTHOR</b>	<b>DATE</b>	<b>TITLE</b>
WP-113	Nyhus	2/27/2014	Minutes of 15 <sup>th</sup> Plenary
WP-114	LaBerge	4/25/2014	Consolidated FRAC Comments
WP-114a	LaBerge	4/28/2014	Consolidated FRAC Comments
WP-116	Gericke	1/16/2014	Draft SBB MOPS version 0p54
WP-117	Gericke	2/27/2014	Draft SBB MOPS version 0p55
WP-118	Hooper	2/21/2014	Draft revised Iridium MOPS