

**Twenty Sixth Meeting of the
Informal South Pacific ATS Co-ordinating Group (ISPACG/26)
Nineteenth Meeting of the FANS Interoperability Team (FIT/19)
Nadi, Fiji, 28-29 February 2012**

Agenda Item 7: SATCOM Voice Guidance Material

Satellite Voice (SATVOICE) Guidance Material (SVGGM)

(Presented by the FAA on behalf of the Inter-Regional SATCOM Voice Task Force)

Summary

This paper provides an update on Inter-Regional Satellite Communications (SATCOM) Voice Task Force (IRSVTF), and invites the ISPACG/FIT to support completing globally applicable guidance material for using SATVOICE for air traffic services communication (SVGGM), targeted for March 2012.

1 INTRODUCTION

- 1.1 At ISPACG/25 FIT/18, the FAA presented a paper on the work of the Inter-Regional SATCOM Voice Task Force (IRSVTF).
- 1.2 The NAT Systems Planning Group (SPG) and Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG) mandated IRSVTF to produce globally applicable guidance material for using satellite voice for air traffic service (ATS) communications (SVGGM) (Refer to NAT SPG Conclusion 46/5 and APANPIRG Conclusion 21/27a).
- 1.3 This paper provides an update on the work of the IRSVTF and invites the ISPACG/FIT to support completing the SVGGM, targeted for March 2012.

2 DISCUSSION

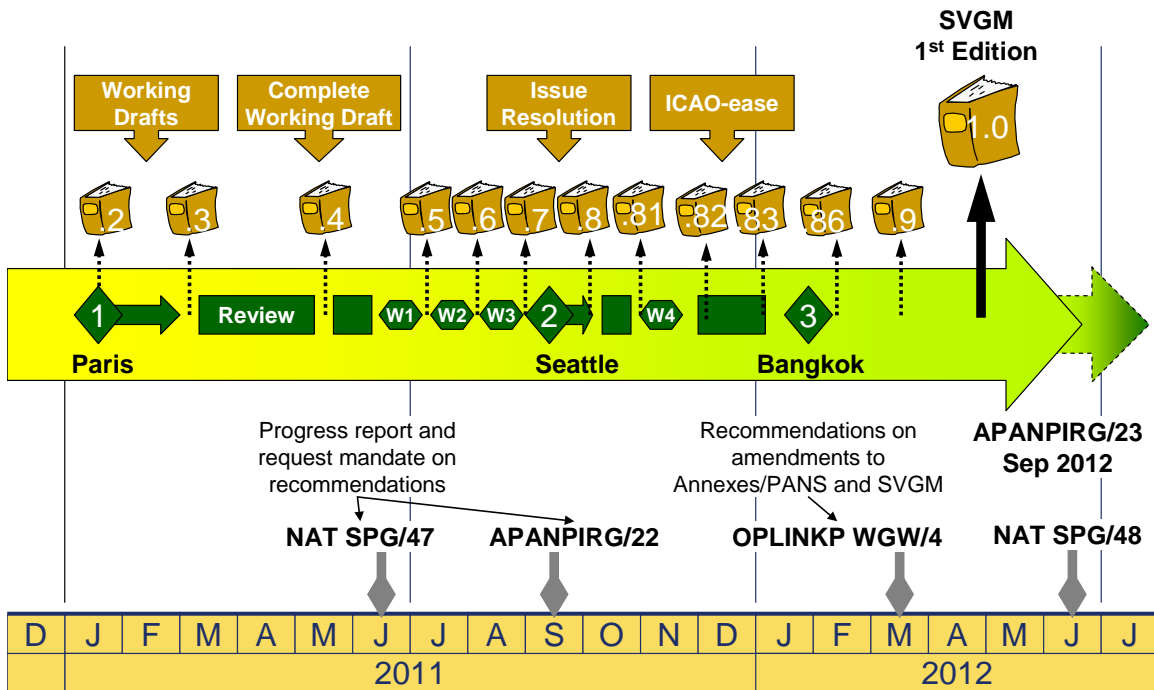
- 2.1 Since ISPACG/25, the IRSVTF held four virtual meetings and two face-to-face meetings (IRSVTF/2 and IRSVTF/3) to progress the draft SVGGM.
- 2.2 A draft of the SVGGM, v0.8.6, is provided at **Attachment A** and the associated comment matrix is provided at **Attachment B**.
- 2.3 The draft SVGGM is structured similar to the Global Operational Data Link Document (GOLD). **Table 1** shows the current document outline and intended uses.

Table 1. SVGGM overview

Reference	Description	Intended uses, remarks
Foreword	Purpose, scope	For all users of the document. Descriptive.
Chapter 1	Definitions	For all users of the document. Descriptive.
Chapter 2	Overview of SATVOICE operations	For ANSPs and operators to develop training material for personnel, as appropriate, on the fundamentals of SATVOICE operations. Descriptive.
Chapter 3	Administrative provisions related to SATVOICE operations	For ANSPs, CSPs, aeronautical stations, and airspace planners to plan for and implement SATVOICE services, including ATC/AS automation, and interfacility agreements. For ANSPs and operators to negotiate contractual arrangements with CSPs. For operators to plan for, maintain and use the SATVOICE system.
Chapter 4	Controller and radio operator procedures	For ANSPs and CSPs to develop procedures and training material for controllers and other personnel at ATSU's and aeronautical stations (radio facilities).
Chapter 5	Flight crew procedures	For operators to develop procedures and training material for the flight crew and dispatchers.
Appendix A	Planning for desirable SATVOICE features	Includes vision on use of SATVOICE and features that may be required for future uses in ATM.
Appendix B	RCP specifications	Required Communication Performance (RCP). For technical operations specialists, applies to SATVOICE services to ensure SATVOICE is capable of intervention
Appendix C	RSP specifications	Required Surveillance Performance (RSP). For technical operations specialists, applies to SATVOICE services used for position reporting
Appendix D	Post implementation monitoring	For ANSP post-implementation monitoring of SATVOICE performance, analysis, and corrective action at the State/ANSP, regional, and global levels.

- 2.4 Similar to GOLD, the ICAO EUR-NAT (Paris) and Asia-Pacific (Bangkok) Regional Offices will coordinate with ICAO HQ (Montreal) to maintain the SVGM as a global document and to facilitate timely completion.
- 2.5 Operational Data Link Panel (OPLINKP) work program includes amendments to ICAO Annexes/Procedures for Air Navigation (PANS) and Guidance material related to use of SATVOICE for ATS communications. OPLINKP is monitoring the IRSVTF work to assess ICAO material needed for approval at the 12th Air Navigation Conference in November 2012. The IRSVTF will provide recommendations, as necessary, to OPLINKP by March 2012.
- 2.6 ICAO is sponsoring a web site to support the work of the IRSVTF on the ICAO Secure Portal web site (you may already be a member of various ICAO global groups on this web site). A group exists on this web site entitled IRSVTF and you are invited to register as a member of the IRSVTF as soon as it is convenient to you and start using the service. If you are already registered on the web site, you need only to request a membership to the group IRSVTF through your Profile link. If you do not have an account with the ICAO Secure Portal web site, follow the instructions below to subscribe and gain access to the web site:
 - a) Access the ICAO Portal at the following link: <http://portal.icao.int>;
 - b) Since you do NOT have a Portal username/password, click the REQUEST AN ACCOUNT option;
 - c) Click the OK button on the pop-up message to indicate this is your first Portal account. In the pop-up window, enter the group name (all caps and no spaces) IRSVTF in the SUBSCRIBE TO field;
 - d) Click the OK button;
 - e) Enter the necessary information in the New User Account form; and
 - f) Click the SUBMIT REQUEST button.
- 2.7 When the above steps are completed, you will receive confirmation that you have been granted or denied access (if granted, the email will include your username and password). If you should require further information or assistance, please contact "Catherine DALY" <cdaly@paris.icao.int>.
- 2.8 If you are participating in the IRSVTF, it is important that you obtain access to the IRSVTF web site, as this web site will be used to post the latest draft versions of SVGM and the comment matrix, and to notify members of updates.

2.9 **Figure 1** provides an updated schedule. The IRSVTF is targeting SVGM, First Edition, in March 2012, to support endorsement by NAT SPG/48 (June) and APANPIRG/23 (September).



Milestone	Post IR-SVTF/2	Virtual Web 4 (*)	Interim Update	Prep for IR-SVTF/3	IR-SVTF/3
Actions/ comments due	23 Sep 2011	26 Oct 2011	13 Dec 2011	3 Jan 2012	3 Feb 2012
SVG M update	23 Sep 2011 (v0.8)	2 Nov 2011 (V0.8.1)	16 Dec 2011 (v0.8.2)	17 Jan 2012 (v0.83)	8 Feb 2012 (Comment Matrix/analysis)
Meeting	Desk Review (email)	4 Nov 2011 (2 hr virtual)	Desk Review (email)	Desk Review (email)	13-16 Feb 2012 (SVG M 0.8.4) (SVG M 0.8.5) (SVG M 0.9) (Bangkok)

Figure 1. Satellite Voice Guidance Material (SVG M) schedule



3 ACTION BY THE MEETING

3.1 The Meeting is invited to:

- a) Note the information provided in this paper;
- b) Subscribe to the IRSVTF web site, (Refer to **paragraph 2.6**); and
- c) Support completion of SVG M, targeted for March 2012.



Attachment A. SATVOICE Guidance Material (SVGGM)

[Provided in a separate file.]



Attachment B. Comment Matrix

[Provided in a separate file.]

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