



International Civil Aviation Organization

MIDANPIRG Meteorology Sub-Group
Sixth Meeting (MET SG/6)

(Cairo, Egypt, 1 - 3 March 2015)

Agenda Item 4.1: Review of the implementation of WAFS and SADIS

CESSATION OF SADIS 2G

(Presented by the SADIS Provider)

SUMMARY

This paper presents information to the meeting with regard to the cessation of the SADIS 2G service on 31 July 2016. The Secure SADIS FTP service will continue and is unaffected by changes to SADIS 2G.

Action by the meeting is at paragraph 4.

1. INTRODUCTION

1.1 This paper presents information to the meeting with regard to the cessation of the SADIS 2G service at 1200 UTC on 31 July 2016. It should be noted that the *Secure SADIS FTP service will continue* and is *unaffected* by changes to SADIS 2G.

2. DISCUSSION

Background

2.1 The current satellite platform (Intelsat 904) from which the SADIS 2G is transmitted will be replaced during 2016. The replacement satellite will not have the capability to use the existing uplink/downlink frequencies used by the SADIS 2G service. Following a study of costs, benefits and risks, the SADIS Operations Group (SADISOPSG¹) determined that the most appropriate course of action was to cease the satellite broadcast on 31 July 2016 (the last possible day for which the existing satellite platform will be available). The first meeting of the Meteorological Panel (METP), 20-24 April 2015, Montréal, Canada, agreed with the decision of SADISOPSG.

2.2 It should be noted that the *Secure SADIS FTP service will continue*, and is *unaffected* by changes to SADIS 2G. The METP, and the SADIS Provider State encourage all users of the SADIS 2G service who do not currently have access to Secure SADIS FTP to make arrangements to take the Secure SADIS FTP service at the earliest opportunity, and no later than 1 June 2016. This will ensure users are not adversely affected when the satellite service is withdrawn on 31 July 2016.

¹ Now disbanded. SADIS Operations will be overseen by Working Groups under the Meteorological Panel (METP)

Action by SADIS users

2.3 Basic information is provided below and in the **appendices** to assist SADIS users in their transition from SADIS 2G to Secure SADIS FTP. **Appendix A** to this paper provides a list of users within the MID region, and their status with regard to SADIS 2G and Secure SADIS FTP access.

2.3.1 **Secure SADIS FTP users (who do not use SADIS 2G).** For these users, no impact is expected. The Secure SADIS FTP service will continue and is unaffected by changes to SADIS 2G.

2.3.2 **SADIS 2G users who already have access to Secure SADIS FTP** are encouraged to ensure that their SADIS workstations are configured to use data from Secure SADIS FTP operationally. Users may need to contact their SADIS workstation provider with regard to configuration settings.

2.3.3 **SADIS 2G users who do not yet have access to Secure SADIS FTP** are encouraged to make arrangements at the earliest opportunity to migrate to Secure SADIS FTP. In the first instance contact the SADIS Manager (chris.tyson@metoffice.gov.uk) to obtain a Secure SADIS FTP account. Users should then contact their SADIS workstation supplier to determine how to configure the system to use Secure SADIS FTP. Users will need to arrange a suitable connection to the internet (usually via a third party Internet Service Provider ISP).

2.4 **Appendix A** to this paper should be used by States to identify which of the above categories their users fall into.

2.5 **Appendix B** to this paper provides a simple graphic that summarizes the process for migrating from SADIS 2G to Secure SADIS FTP.

2.6 Users are encouraged to contact the SADIS Manager (chris.tyson@metoffice.gov.uk) at the earliest opportunity if they require additional information.

Further information regarding communication of the decision to cease SADIS 2G

2.7 The SADIS Provider has;

- Issued notification via SADIS Administrative message (NOUK10) of the cessation date of SADIS 2G.
- Contacted all Regional Officers under the SADIS 2G footprint of the cessation data of SADIS 2G.
- Updated the SADIS Provider's webpages (<http://www.metoffice.gov.uk/aviation/sadis>) to indicate the cessation of the SADIS 2G service.

- Included information regarding the cessation date of the SADIS 2G service within the WAFC London Update newsletter (issued June 2015)
- Informed all SADIS Workstation software suppliers listed on the SADIS Provider's webpages (<http://www.metoffice.gov.uk/aviation/sadis/manufacturers>) of the cessation of SADIS 2G. All listed SADIS Workstation software suppliers can offer help and advice with regard to transition.

2.8 The SADIS Provider will;

- Issue monthly reminders via SADIS Administrative message (NOUK10) of the approaching cessation date of SADIS 2G.
- Contact all SADIS users who have provided contact email addresses of the approaching cessation date of SADIS 2G on a monthly basis.
- Contact those users known to only have access via SADIS 2G directly.

3 Conclusions

3.1 The SADIS Provider has undertaken, and will continue to undertake, all practicable measures to inform all SADIS 2G users of the approaching cessation of the SADIS 2G service, and to provide advice with regard to transition from SADIS 2G to Secure SADIS FTP.

3.2 SADIS user States, and SADIS users should determine the nature of their service (SADIS 2G or Secure SADIS FTP) and ensure that they have migrated to Secure SADIS FTP at the earliest opportunity. The recommendation is that the transition is complete and that SADIS 2G is not being used operationally after 1 June 2016. This will prevent any last minute problems when the satellite signal is terminated on 31 July 2016. In light of the above, the meeting is invited to formulate the following draft Conclusion;

Draft Conclusion XX: SADIS user States and SADIS users to prepare for cessation of SADIS 2G

That,

SADIS user States and SADIS users confirm the nature of their SADIS service, and where necessary ensure that they are prepared for the cessation of SADIS 2G.

For those users not yet using, or who have not yet arranged accounts for, Secure SADIS FTP, it is strongly recommended that they undertake actions to migrate to the Secure SADIS FTP service at the earliest opportunity.

Note:- Although the SADIS 2G service will continue until 31 July 2016, it is recommended that user's transition is complete and that SADIS 2G is not being used operationally after 1 June 2016.

4. ACTION BY THE MEETING

4.1 The meeting is invited to:

- a) note the information in this paper; and
- b) consider the 'suggested actions' as appropriate.

APPENDIX A

**Status – as at 8 February 2016 – of SADIS 2G and Secure SADIS FTP access
within MID region.**

Note. – Non-operational approved users, or former users not currently receiving the service, are indicated in italics

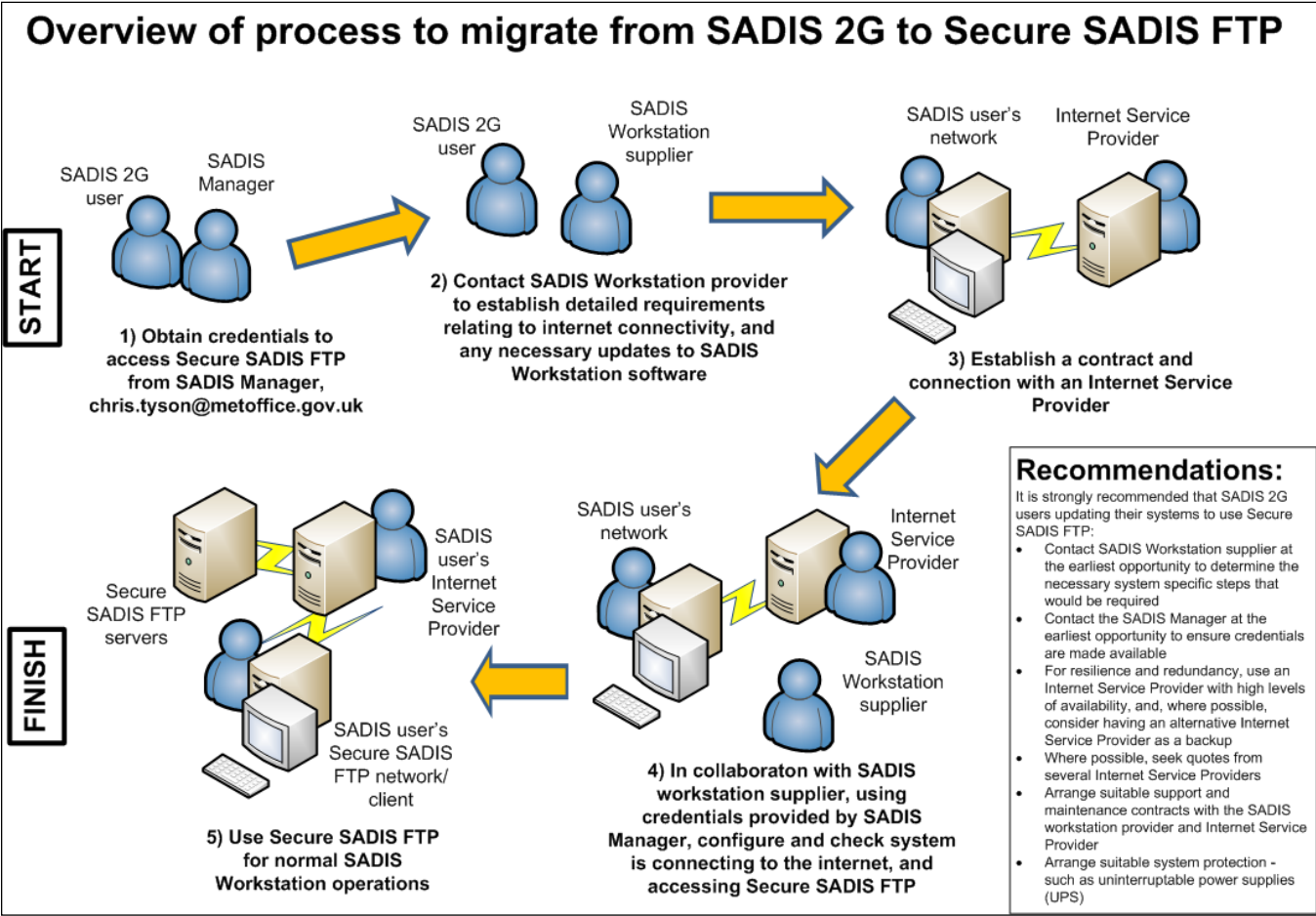
Key:

SADIS 2G VSAT = operational user ('X') of SADIS second-generation (2G) VSAT service

Secure SADIS FTP = operational user ('X') of Secure SADIS FTP service

ICAO Contracting State		User		Location	Type of service	
No	Name	No	Name	Name	SADIS 2G VSAT	Secure SADIS FTP
MID REGION						
1.	Bahrain	1.	Civil Aviation Authority	Bahrain International Airport	X	X
2.	<i>Iran (Islamic Republic of)</i>		<i>National Meteorological Service</i>	<i>Teheran</i>	X	
3.	Iraq	2.	National Meteorological Service	Baghdad Airport	X	X
4.	Jordan	3.	National Meteorological Service	Queen Alia Airport		X
5.	Kuwait	4.	National Meteorological Service	Kuwait	X	X
6.	Oman	5.	National Meteorological Service	Salalah Airport	X	X
	Oman	6.	National Meteorological Service	Seeb Airport	X	X
7.	Qatar	7.	Civil Aviation Authority	Doha Airport	X	
	Qatar	8.	Qatar Met Department of CAA	Doha	X	X
8.	Saudi Arabia	9.	Presidency of Meteorology and Environment (PME)	Jeddah	X	X
	Saudi Arabia	10.	Presidency of Meteorology and Environment (PME)	Jeddah Airport	X	
	Saudi Arabia	11.	Presidency of Meteorology and Environment (PME)	Riyadh Airport	X	
	<i>Saudi Arabia</i>		<i>Saudi Airlines</i>	<i>Jeddah Airport</i>		
9.	Sudan	12.	Sudan Meteorological Authority	Headquarter, Khartoum	X	X
10.	<i>Syrian Arab Republic</i>		<i>National Meteorological Service</i>	<i>Damascus</i>	X	
	<i>Syrian Arab Republic</i>		<i>National Meteorological Service</i>	<i>Aleppo</i>	X	
11.	United Arab Emirates	13.	Air Force and Air Defence Meteorological Department	Abu Dhabi (Al-Dhafra Air Base)	X	
	United Arab Emirates	14.	National Centre for Meteorology and Seismology (NCMS)	Abu Dhabi	X	X
	United Arab Emirates	15.	Civil Aviation Authority	Abu Dhabi Airport	X	
	United Arab Emirates	16.	Civil Aviation Authority	Dubai Airport	X	X
	<i>United Arab Emirates</i>		<i>Civil Aviation Authority</i>	<i>Headquarters, Abu Dhabi</i>		
12.	Yemen	17.	Civil Aviation and Meteorological Authority (CAMA)	Sana'a Airport	X	X
	Yemen	18.	National Meteorological Service (YMS/CAMA)	Sana'a	X	X

APPENDIX B



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