



WORKING PAPER

SATELLITE DISTRIBUTION SYSTEM OPERATIONS GROUP (SADISOPSG)

THIRTEENTH MEETING

Dakar, Senegal, 27 to 29 May 2008

Agenda Item 5 Content of SADIS broadcast

5.1 OPMET information

IATA STATISTICS OF OPMET DATA AVAILABLE ON THE SADIS BROADCAST

(Presented by the International Air Transport Association (IATA))

SUMMARY

This paper provides a brief statistical analysis about the availability of OPMET data for AOP and non-AOP aerodromes on the SADIS broadcast.

1. INTRODUCTION

1.1 The *SADIS User Guide* (SUG), Annex 1 lists all aerodromes for which OPMET data are required to be distributed. It contains requirements for aerodrome operational planning (AOP) aerodromes as well as for non-AOP aerodromes.

1.2 It was agreed that all aerodromes listed in an AOP table of the ICAO regions are automatically inserted in Annex 1 to the SUG.

1.3 All users do expect that, as a minimum, all available OPMET data for AOP aerodromes will be distributed on SADIS. It is recognised that, for small general aviation aerodromes, a State may decide not to issue OPMET data, as indicated in the regional ANP.

2. DISCUSSION

2.1 The following table gives a brief overview about the current number of available OPMET data on SADIS. This statistic is based on information about AOP tables dated August 2007, Annex 1 dated August 2007 and an IATA monitoring of the SADIS broadcast dated 7 March 2008. It is plausible that due to changes in one of the mentioned tables during the last month, some numbers have changed.

Aerodromes listed in SUG Annex 1	2311 (+24)
AOP Aerodromes listed in SUG Annex 1	1327 (+33)
AOP Aerodromes are indicating 'No OPMET data'	42 (-3)
AOP Aerodromes providing SA, FC and FT	339 (-6)
AOP Aerodromes providing SA and FC	276 (+27)
AOP Aerodromes providing SA and FT	442 (-7)
AOP Aerodromes providing only SA	53 (+11)
AOP Aerodromes providing FC and FT	17 (+1)
AOP Aerodromes providing only FC	7 (+1)
AOP Aerodromes providing only FT	30 (+2)
AOP Aerodromes are not providing any data (see Appendix A)	122 (+10)

2.2 The above table shows that 1057 (+12) (79,6%, -1,2%) AOP aerodromes do provide OPMET data as requested. All other AOP aerodromes do not meet the users requirements (20,1%). 107 (+15) (8,1%, +1,0%) AOP aerodromes do not provide all OPMET data while 122 (9,2%) do not distribute any data. For 42 (-3) (3,2%, -0,3%) AOP aerodromes it is indicated that no OPMET data will be issued.

2.3 In Appendix A all AOP aerodromes are listed for which no OPMET data could be found on the SADIS broadcast.

2.4 In Appendix B all AOP aerodromes are listed for which only SA could be found on the SADIS broadcast.

2.5 In Appendix C all AOP aerodromes are listed for which only FC and FT could be found on the SADIS broadcast.

2.6 In Appendix D all AOP aerodromes are listed for which only FC could be found on the SADIS broadcast.

2.7 In Appendix E all AOP aerodromes are listed for which only FT could be found on the SADIS broadcast.

2.8 IATA is requesting some efforts by the group to improve the availability of OPMET data for AOP aerodromes in the near future; the group may wish to agree that ICAO should continue its efforts to improve the availability of OPMET data for AOP aerodromes in order to achieve, as soon as practicable, the goal of 95% availability of OPMET data from all AOP aerodromes on SADIS broadcast. To promote this goal, the group may wish to formulate the following conclusion:

Conclusion 13/.. — Improvement of OPMET data availability for AOP aerodromes

That ICAO invite States concerned to ensure that OPMET information be provided from the aerodromes listed in Appendix¹... to this report

2.9 Since more and more non-AOP aerodromes are used internationally IATA has formulated following general requirement for OPMET data in its MET TF/14 meeting:

“IATA Position: All OPMET data currently available should be distributed. This does not mean modifying the airport status in the AOP table.”

2.10 Non-AOP Aerodromes are widely used as en-route alternates and for ETOPS operation. With regard to a safe flight operation, OPMET data for these aerodromes are important and should be available to all airlines.

2.11 Following the above requirement, IATA provides also statistics about OPMET data of non-AOP aerodromes in the table below. This statistic is based on information about AOP tables dated August 2007, SUG Annex 1 dated August 2007 and an IATA monitoring of the SADIS broadcast dated 7 March, 2008. It might be that due to changes in one of the mentioned tables during the last month, some numbers have changed.

¹ The missing data is listed in Appendices A, B, C and D to this working paper.

Aerodromes listed in SUG Annex 1	2311 (+24)
Non-AOP Aerodromes listed in SUG Annex 1	984 (-9)
Non-AOP Aerodromes are indicating 'No OPMET data'	2
Non-AOP Aerodromes providing SA, FC and FT	97
Non-AOP Aerodromes providing SA and FC	136
Non-AOP Aerodromes providing SA and FT	457
Non-AOP Aerodromes providing only SA	135
Non-AOP Aerodromes providing FC and FT	7
Non-AOP Aerodromes providing only FC	12
Non-AOP Aerodromes providing only FT	40
Non-AOP Aerodromes are not providing any data (see Appendix F)	98

2.12 The above table shows that 690 (70,1%) non-AOP aerodromes do provide OPMET data as requested. All other non-AOP aerodromes do not meet the users requirements (29,9%). 197 (20,0%) non-AOP aerodromes do not provide all OPMET data while 98 (10,0%) do not distribute any data. For 2 (0,2% AOP aerodromes it is indicated that no OPMET data will be issued.

2.13 IATA is requesting some efforts by the group to improve the availability of OPMET data for non-AOP aerodromes in the near future and that ICAO should continue its efforts to improve the availability of OPMET data for non-AOP aerodromes in order to achieve, as soon as practicable, the goal of 90% availability of OPMET data from listed non-AOP aerodromes on SADIS broadcast. To promote this goal, the group may wish to formulate the following conclusion:

Conclusion 13/. — Improvement of OPMET data availability for non-AOP aerodromes

That ICAO invite States concerned to ensure that OPMET information be provided from the aerodromes listed in Appendix²... to this report

Note. — States are not obliged to provide OPMET data from non-AOP aerodromes; references to non-AOP aerodromes from where a State does not wish to provide OPMET data is to be deleted from Annex 1.

3. ACTION BY THE SADISOPSG

3.1 The SADISOPSG is invited to:

- a) note the information presented in the working paper, and
 - b) decide on the draft conclusions proposed for the group's consideration.
- — — — — — — —

² The list is in Appendix F to this working paper.

APPENDIX A

AOP aerodromes with no OPMET data on the SADIS broadcast

ICAO Location	Airport Name	Country	ICAO Region	SUG Annex 1			
				SA	SP	FC	FT
DGLE	TAMALE	Ghana	AFI	Y		Y	
DGSI	KUMASI	Ghana	AFI	Y		Y	
DIBK	BOUAKE	Côte d'Ivoire	AFI	Y		Y	
DNAA	ABUJA	Nigeria	AFI	Y		Y	
DNKA	KADUNA/NEW KADUNA	Nigeria	AFI	Y		Y	
DNMA	MAIDUGURI	Nigeria	AFI	Y		Y	
DNSO	SIDDIA ABUBAKAR INT/SOKOTO	Nigeria	AFI	Y		Y	
DRZA	AGADEZ/MANU DAYAK	Niger	AFI	Y		Y	
DRZR	ZINDER	Niger	AFI	Y		Y	
EDBM	MAGDEBURG	Germany	EUR	Y	¥	Y	
EDQD	BAYREUTH	Germany	EUR	Y	¥	Y	
EHLE	LELYSTAD	Netherlands	EUR	Y	¥	Y	
EKMB	LOLLAND FALSTER/MARIBO	Denmark	EUR	Y	¥	Y	
EKSV	SKIVE	Denmark	EUR	Y	¥	Y	
EKTS	THISTED	Denmark	EUR	Y	¥	Y	
FANC	NEWCASTLE	South Africa	AFI	Y		Y	
FAPI	PIETERSBURG GATEWAY	South Africa	AFI	Y		Y	
FKKL	MAROUA-SALAK	Cameroon	AFI	Y		Y	
FMCV	ANJOUAN/OUANI	Comoros	AFI	Y		Y	
FMMS	SAINT MARIE	Madagascar	AFI	Y			
FNHU	HUAMBO	Angola	AFI	Y		Y	
FZIC	KISANGANI	Democratic Republic of the Congo	AFI	Y		Y	
FZNA	GOMA	Democratic Republic of the Congo	AFI	Y		Y	
FZWA	MBUJI MAYI	Democratic Republic of the Congo	AFI	Y		Y	
GAGO	GAO	Mali	AFI	Y		Y	
GAKL	KIDAL -- KIDAL	Mali	AFI	Y		Y	
GAKY	KAYES/KAYES	Mali	AFI	Y		Y	
GAMB	MOPTI	Mali	AFI	Y		Y	
GANR	NIORO/NIORO	Mali	AFI	Y		Y	
GATB	TOMBOUCTOU/TOMBOUCTOU	Mali	AFI	Y		Y	
GMAT	TAN TAN/PLAGE BLANCHE	Morocco	AFI	Y		Y	
GMFK	ERRACHIDIA MOULAY ALI CHERIF	Morocco	AFI	Y		Y	
GQNI	NEMA/NEMA	Mauritania	AFI	Y		Y	
GQPA	ATAR	Mauritania	AFI	Y		Y	
GQPZ	ZOUERATE -- ZOUERATE	Mauritania	AFI	Y		Y	

ICAO Location	Airport Name	Country	ICAO Region	SUG Annex 1			
				SA	SP	FC	FT
GSAI	EL AAIUN/EL AAIUN	Western Sahara	AFI	Y			Y
GSVO	VILA CISNEROS/VILA CISNEROS	Western Sahara	AFI	Y			Y
GULB	LABE/TATA	Guinea	AFI	Y			Y
GUNZ	NZEREKORE/KONIA	Guinea	AFI	Y			Y
GUXN	KANKAN/KANKAN	Guinea	AFI	Y			Y
HCMH	HARGEISA	Somalia	AFI	Y			Y
HCMI	BERBERA	Somalia	AFI	Y			Y
HCMK	KISIMAYU	Somalia	AFI	Y			Y
HCMM	MOGADISHU	Somalia	AFI	Y			Y
HCMV	BURAO/BURAO	Somalia	AFI	Y			Y
HHSB	ASSAB	Eritrea	AFI	Y			Y
KDLF	LAUGHLIN	United States	NAM	Y			Y
LCNC	NICOSIA/NICOSIA INTL	Cyprus	EUR	Y	¥	Y	Y
LDSB	BRAC	Croatia	EUR	Y			Y
LFSN	NANCY/ESSEY	France	EUR	Y	¥	Y	Y
LHSY	SZOMBATHELY	Hungary	EUR	Y			
LILY	COMO -- IDROSCALO	Italy	EUR	Y			Y
LIMW	AOSTA	Italy	EUR	Y			Y
LIPU	PADOVA	Italy	EUR	Y			Y
LIPV	VENICE/SAN NICOLO	Italy	EUR	Y			Y
LIRJ	MARINA DI CAMPO	Italy	EUR	Y	¥	Y	Y
LNMC	MONACO/HELIPORT	Monaco	EUR	Y			Y
LQTZ	TUZLA	Bosnia and Herzegovina	EUR	Y			Y
LRCS	CARANSEBES	Romania	EUR	Y	¥	Y	Y
LUBL	BALTI INTERNATIONAL	Republic of Moldova	EUR	Y	¥	Y	Y
LUCH	CAHUL	Republic of Moldova	EUR	Y	¥	Y	Y
MBGT	GRAND TURK INTL	Turks and Caicos Islands (United Kingdom)	CAR	Y			Y
MBSC	SOUTH CAICOS	Turks and Caicos Islands (United Kingdom)	CAR	Y			Y
MDHE	HERRERA INTL.	Dominican Republic	CAR	Y			Y
MMCC	CIUDAD ACUNA/CIUDAD ACUNA INTL	Mexico	CAR	Y			Y
MMNG	NOGALES	Mexico	CAR	Y			Y
MMSF	SAN FELIPE	Mexico	CAR	Y			Y
MTCH	CAP HAITIEN	Haiti	CAR	Y			Y
MYAM	MARSH HARBOUR	Bahamas	CAR	Y			Y
MYAT	TRAESURE CAY	Bahamas	CAR	Y			Y
MYBS	ALICE TOWN/SOUTH BEMINI	Bahamas	CAR	Y			Y
MYEG	GEORGETOWN	Bahamas	CAR	Y			Y
MYEH	NORTH ELEUTHERA	Bahamas	CAR	Y			Y
MYEM	GOVERNORS HARBOUR	Bahamas	CAR	Y			Y
MYLS	STELLA MARIS/LONG ISLAND	Bahamas	CAR	Y			Y
MYSM	COCKBURN TOWN/SAN	Bahamas	CAR	Y			Y

ICAO Location	Airport Name	Country	ICAO Region	SUG Annex 1			
				SA	SP	FC	FT
	SALVADOR I.						
NFTV	VAVA U	Tonga	PAC	Y		Y	
NTTG	RANGIROA	French Polynesia (France)	PAC	Y		Y	
OAKN	KANDAHAR	Afghanistan	MID	Y		Y	
ORMM	BASRAH INTERNATIONAL	Iraq	MID	Y		Y	
TDPR	ROSEAU/CANEFIELD	Dominica	CAR	Y		Y	
TFFG	SAINT MARTIN/GRAND CASE	French Antilles (France)	CAR	Y		Y	
TFFJ	SAINT BARTHELEMY	French Antilles (France)	CAR	Y		Y	
TGPZ	LAURISTON/CARRIACOU ISLAND	Grenada	CAR	Y		Y	
TJFA	FAJARDO/DIEGO JIMENEZ TORRES	Puerto Rico (United States)	CAR	Y		Y	
TJVQ	VIEQUES/ANTONIO RIVERA	Puerto Rico (United States)	CAR	Y		Y	
TRPM	PLYMOUTH/W.H. BRAMBLE	Montserrat (United Kingdom)	CAR	Y		Y	
TUPW	VIRGIN GORDA/VIRGIN GORDA Island	British Virgin Islands (United Kingdom)	CAR	Y		Y	
TVSB	BEQUIA/J.F.MITCHEL	Saint Vincent and the Grenadines	CAR	Y		Y	
TVSC	CANOUAN/CANOUAN	Saint Vincent and the Grenadines	CAR	Y		Y	
TVSM	MUSTIQUE	Saint Vincent and the Grenadines	CAR	Y		Y	
TVSU	UNION ISLAND	Saint Vincent and the Grenadines	CAR	Y		Y	
UAKD	ZHEZKAZGAN	Kazakhstan	EUR	Y	¥	Y	
UASS	SEMIPALATINSK	Kazakhstan	EUR	Y	¥	Y	
UDLS	STEPANAVAN	Armenia	EUR	Y	¥	Y	
UHBB	BLAGOVESCHENSK/IGNATYEVO	Russian Federation	EUR	Y	¥	Y	
UHMD	PROVIDENIYA BAY	Russian Federation	EUR	Y		Y	
UKKE	CHERKASSY	Ukraine	EUR	Y	¥	Y	
ULPB	PETROZAVODSK-BESOVETS	Russian Federation	EUR	Y	¥	Y	
URMO	VLADIKAVKAZ	Russian Federation	EUR	Y		Y	
USNR	RADUZHNY	Russian Federation	EUR	Y	¥	Y	
UUDL	YAROSLavl / TUNOSHNA	Russian Federation	EUR	Y	¥	Y	
UUEM	TVER/MIGALOVO	Russian Federation	EUR	Y	¥	Y	
UUOK	KURSK	Russian Federation	EUR	Y	¥	Y	
UWKS	CHEBOKSARY	Russian Federation	EUR	Y	¥	Y	
VCCH	MINNERYA -- HINGURAKGODA	Sri Lanka	ASI	Y		Y	
VQPR	PARO	Bhutan	ASI	Y		Y	
VRMG	GAN ISLAND/GAN	Maldives	ASI	Y		Y	
VRMM	MALE	Maldives	ASI	Y		Y	
WABP	TIMIKA/MOSES KILANGIN	Indonesia	ASI	Y		Y	
WAJJ	JAYAPURA/SENTANI	Indonesia	ASI	Y		Y	
WAKK	MERAUKE	Indonesia	ASI	Y		Y	
WALR	TARAKAN	Indonesia	ASI	Y		Y	
WAMM	MANADO	Indonesia	ASI	Y		Y	
WAPP	AMBON/PATTIMURA	Indonesia	ASI	Y		Y	
WATT	EL TARI/KUPANG	Indonesia	ASI	Y		Y	
WIDN	TANJUNG PINANG	Indonesia	ASI	Y		Y	

ICAO Location	Airport Name	Country	ICAO Region	SUG Annex 1			
				SA	SP	FC	FT
WIMG	PADANG/TABING	Indonesia	ASI	Y			Y
WIPP	PALEMBANG	Indonesia	ASI	Y			Y
ZKPY	PYONGYANG/SUNAN	Democratic People's Republic of Korea	ASI	Y			Y

APPENDIX B

AOP aerodromes for which only SA available on the SADIS broadcast.

ICAO Location	Airport Name	Country	ICAO Region	SUG Annex 1			
				SA	SP	FC	FT
DNKN	KANO	Nigeria	AFI	Y			Y
DRRN	NIAMEY/DIORI HAMANI	Niger	AFI	Y			Y
EDFE	EGELSBACH/EGELSBACH	Germany	EUR				
EDVE	BRAUNSCHWEIG	Germany	EUR	Y	Y		Y
EEPÜ	PÄRNU	Estonia	EUR	Y			Y
EETU	TARTU/ÜLENURME	Estonia	EUR	Y			Y
ESNX	ARVIDSJAUER	Sweden	EUR				
EVVA	VENTSPILS/INTERNATIONAL	Latvia	EUR	Y			
FEFT	BERBERATI	Central African Republic	AFI	Y			Y
FKKN	N'GAOUNDERE	Cameroon	AFI	Y			Y
FKKR	GAROUA	Cameroon	AFI	Y			Y
FOON	FRANCEVILLE/MVENGUE	Gabon	AFI	Y			Y
FPST	SAO TOME	Sao Tome and Principe	AFI	Y			Y
FTTJ	NDJAMENA	Chad	AFI	Y			Y
FZQA	LUBUMBASHI	Democratic Republic of the Congo	AFI	Y			Y
GCHI	HIERRO	Canary Islands (Spain)	AFI	Y			Y
GMMZ	OUARZAZATE	Morocco	AFI	Y			Y
GMTA	AL HOCEIMA	Morocco	AFI	Y			Y
GMTN	TETOUAN/S.RAMEL	Morocco	AFI	Y			Y
GOGG	ZIGUINCHOR	Senegal	AFI	Y			Y
GOTT	TAMBACOUNDA	Senegal	AFI	Y			Y
HEBL	ABU SIMBEL	Egypt	AFI	Y			Y
HEMM	MERSA-MATRUH	Egypt	AFI	Y			Y
HESC	ST.CATHERINE	Egypt	AFI	Y			Y
HHAS	ASMARA/YOHANNES IV	Eritrea	AFI	Y			Y
LIMZ	CUNEO/LEVALDIGI	Italy	EUR	Y			Y
LIRU	ROMA/URBE	Italy	EUR	Y			Y
LKPD	PARDUBICE	Czech Republic	EUR	Y			Y
LLHA	HAIFA	Israel	MID	Y			Y
LLSD	TEL AVIV/SDE-DOV	Israel	MID	Y			Y
LOWZ	ZELL AM SEE	Austria	EUR	Y			Y
MMLT	LORETO	Mexico	CAR	Y			Y
MPBO	BOCAS DEL TORO/BISIRA	Panama	CAR	Y			Y
MPCH	CHANGUINOLA/CAPT. MANUEL NINO	Panama	CAR	Y			Y

ICAO Location	Airport Name	Country	ICAO Region	SUG Annex 1			
				SA	SP	FC	FT
MTPP	AÉROPORT TOUSSAINT LOUVERTURE	Haiti	CAR	Y			Y
MUCA	CIEGO DE AVILA/MAXIMO GOMEZ	Cuba	CAR	Y			Y
NGFU	FUNAFUTI INTL	Tuvalu	PAC	Y			Y
NVSS	SANTO/PEKOA	Vanuatu	ASI	Y			Y
OIFM	ISFAHAN/ESFAHAN	Iran (Islamic Republic of)	MID	Y			Y
OIKB	BANDAR ABBAS	Iran (Islamic Republic of)	MID	Y			Y
OIMM	MASHHAD	Iran (Islamic Republic of)	MID	Y			Y
OIZH	ZAHEDAN	Iran (Islamic Republic of)	MID	Y			Y
OSLK	LATAKIA/BASSEL AL-ASSAD INTL	Syrian Arab Republic	MID	Y			Y
PAED	ANCHORAGE / ELMENDORF AFB	United States	PAC	Y			Y
PAEI	FAIRBANKS / EIELSON AFB	United States	PAC	Y			Y
SVJC	PARAGUANA	Venezuela	SAM	Y			Y
TDPD	ROSEAU/MELVILLE HALL-DOMINICA	Dominica	CAR	Y			Y
TKPN	VANCE WINKWORTH AMORY INTL.	Saint Kitts and Nevis	CAR	Y			Y
TNCE	ORANJESTAD/ST.EUSTATIUS	Netherlands Antilles (Netherlands)	CAR	Y			Y
WALL	BALIKPAPAN	Indonesia	ASI	Y			Y
WAAO	BANJARMASIN	Indonesia	ASI	Y			Y
WIBB	PEKANBARU	Indonesia	ASI	Y			Y
WIOO	PONTIANAK	Indonesia	ASI	Y			Y

APPENDIX C

AOP aerodromes for which only FC and FT are available on the SADIS broadcast

ICAO Location	Airport Name	Country	ICAO Region	SUG Annex 1			
				SA	SP	FC	FT
FDMS	MANZINI/MATSAPHA	Swaziland	AFI	Y			Y
FQBR	BEIRA	Mozambique	AFI	Y			Y
FQMA	MAPUTO	Mozambique	AFI	Y			Y
FVBU	BULAWAYO	Zimbabwe	AFI	Y			Y
FVFA	VICTORIA FALLS	Zimbabwe	AFI	Y			Y
FVHA	HARARE	Zimbabwe	AFI	Y			Y
FWCL	BLANTYRE/CHILEKA	Malawi	AFI	Y			Y
FXMM	MASERU INTL.	Lesotho	AFI	Y			Y
FYKT	KEETMANSHOOP	Namibia	AFI	Y			Y
FYWB	WALVIS BAY	Namibia	AFI	Y			Y
FYWH	WINDHOEK	Namibia	AFI	Y			Y
HSPN	PORT SUDAN	Sudan	AFI	Y			Y
HSSJ	JUBA	Sudan	AFI	Y			Y
NSFA	APIA/FALEOLO INTL,SAMOA	Samoa	PAC	Y			Y
NWWW	NOUMEA/LA TONTOUTA	New Caledonia (France)	ASI	Y			Y
VOCL	CALICUT/KARIPUR	India	ASI	Y			Y
WIHH	JAKARTA/HALIM PERDANA KASUMA	Indonesia	ASI	Y			Y

APPENDIX D

ICAO Location	Airport Name	Country	ICAO Region	SUG Annex 1			
				SA	SP	FC	FT
FAMM	MMABATHO/MAFIKENG	South Africa	AFI	Y		Y	
HSKA	KASSALA	Sudan	AFI	Y		Y	
LSGS	SION	Switzerland	EUR	Y	¥	Y	
LSZG	GRENCHEN	Switzerland	EUR	Y	¥	Y	
LSZR	ST. GALLEN/ALTENRHEIN	Switzerland	EUR	Y	¥	Y	
NFNA	SUVA/NAUSORI INTL	Fiji	PAC	Y		Y	
URWI	ELISTA	Russian Federation	EUR	Y	¥	Y	

APPENDIX E

AOP aerodromes for which only FT are available on the SADIS broadcast

ICAO Location	Airport Name	Country	ICAO Region	SUG Annex 1			
				SA	SP	FC	FT
ANYN	NAURU INTERNATIONAL	Nauru	ASI	Y			Y
DFOO	BOBO DIOULASSO	Burkina Faso	AFI	Y			Y
DNCA	CALABAR	Nigeria	AFI	Y			Y
DNIL	ILORIN	Nigeria	AFI	Y			Y
DNMM	LAGOS	Nigeria	AFI	Y			Y
DNPO	PORT HARCOURT	Nigeria	AFI	Y			Y
FWKI	LILONGWE/INTERNATIONAL	Malawi	AFI	Y			Y
GBYD	BANJUL/YUNDUM	Gambia	AFI	Y			Y
GLRB	MONROVIA/ROBERTS	Liberia	AFI	Y			Y
HAAB	ADDIS ABABA	Ethiopia	AFI	Y			Y
HADR	DIRE DAWA	Ethiopia	AFI	Y			Y
HBBA	BUJUMBURA	Burundi	AFI	Y			Y
HRYR	KIGALI	Rwanda	AFI	Y			Y
MHRO	ROATAN	Honduras	CAR	Y			Y
MMLO	LEON GUANAJUATO / DEL BAJIO	Mexico	CAR	Y			Y
NGTA	TARAWA/BONRIKI INTL	Kiribati	PAC	Y			Y
OPGD	GWADAR	Pakistan	ASI	Y			Y
OYHD	HODEIDAH	Yemen	MID	Y			Y
OYRN	MUKALLA/RIYAN	Yemen	MID	Y			Y
OYTZ	TAIZ/GANED	Yemen	MID	Y			Y
SAAR	ROSARIO	Argentina	SAM	Y			Y
SADF	SAN FERNANDO INTL	Argentina	SAM	Y			Y
SAZM	MAR DEL PLATA	Argentina	SAM	Y			Y
SAZN	NEUQUEN/PRESIDENTE PERON	Argentina	SAM	Y			Y
SAZS	SAN CARLOS DE BARILOCHE	Argentina	SAM	Y			Y
SURV	RIVERA	Uruguay	SAM	Y			Y
SUSO	SALTO/INTL	Uruguay	SAM	Y			Y
TUPJ	ROAD TOWN/BEEF ISLAND	British Virgin Islands (United Kingdom)	CAR	Y			Y
WABB	BIAK	Indonesia	ASI	Y			Y
ZSFZ	FUZHOU	China	ASI	Y			Y

APPENDIX F

Non-AOP Aerodromes not providing any data on the SADIS broadcast

ICAO Location	Airport Name	Country	ICAO Region	SUG Annex 1			
				SA	SP	FC	FT
CYCH	MIRAMICHI	Canada	NAM	Y			Y
CYCL	CHARLO	Canada	NAM	Y			Y
CYDQ	DAWSON CREEK	Canada	NAM	¥			¥
CYRI	RIVIERE DU LOUP	Canada	NAM	¥			¥
CYWO	LUPIN	Canada	NAM	¥			¥
DAOV	CHRIS	Algeria	AFI	¥	¥	¥	¥
DATG	IN GUEZZAM	Algeria	AFI	Y	¥	Y	Y
DIKO	KORHOGO	Côte d'Ivoire	AFI	¥			
DIMN	MAN	Côte d'Ivoire	AFI	¥			
DISP	SAN PEDRO	Côte d'Ivoire	AFI	¥			
DIYO	YAMOUSSOUKRO	Côte d'Ivoire	AFI	¥			¥
DNBE	BENIN	Nigeria	AFI	¥			¥
DNEN	ENUGU	Nigeria	AFI	Y			Y
DNIB	IBADAN	Nigeria	AFI	Y			Y
DNJO	JOS	Nigeria	AFI	Y			Y
EGUN	MILDENHALL	United Kingdom	EUR	Y			Y
EHTW	ENSCHEDE/TWENTHE	Netherlands	EUR	Y	¥	Y	Y
ENDI	GEILO/DAGALI	Norway	EUR	¥	¥		
ENLI	LISTA	Norway	EUR	Y	¥	Y	
ESKM	MORA SILJAN	Sweden	EUR	Y	¥	Y	Y
FAAB	ALEXANDER BAY	South Africa	AFI	¥			¥
FAGM	JOHANNESBURG/RAND	South Africa	AFI	Y	¥	Y	Y
FAWK	WATERKLOOF	South Africa	AFI	Y			Y
		British Indian Ocean Territory (United Kingdom)					
FJDG	DIEGO GARCIA	Angola	AFI	Y			Y
FNCA	CABINDA	Democratic Republic of the Congo	AFI	Y			Y
FZAB	KINSHASHA/N'DOLO	Democratic Republic of the Congo	AFI	Y			Y
FZBN	MALEBO	Democratic Republic of the Congo	AFI	Y			Y
FZEA	MBANDAKA	Democratic Republic of the Congo	AFI	Y			Y
FZOA	KINDU	Democratic Republic of the Congo	AFI	Y			Y
FZOS	KASESE	Democratic Republic of the Congo	AFI	Y			Y
FZRF	KALEMIE	Democratic Republic of the Congo	AFI	Y			Y
FZSA	KAMINA	Democratic Republic of the Congo	AFI	Y			Y
GLMR	MONROVIA/SPRIGGS PAYNE	Liberia	AFI	¥			¥
GQNK	KAEDI	Mauritania	AFI	Y			Y
GUFH	FARANAH	Guinea	AFI	Y			Y
GUOK	BOKE/BARALANDE	Guinea	AFI	Y			Y

ICAO Location	Airport Name	Country	ICAO Region	SUG Annex 1			
				SA	SP	FC	FT
HEAR	EL-ARISH	Egypt	AFI	Y			Y
HKML	MALINDI	Kenya	AFI	¥			¥
HKNW	NAIROBI WILSON	Kenya	AFI	¥			¥
HSDN	DONGOLA	Sudan	AFI	¥			¥
HTTG	TANGA	United Republic of Tanzania	AFI	¥			¥
KBKF	AURORA/BUCKLEY AFB	United States	NAM	Y			Y
KIRK	KIRKSVILLE	United States	NAM	Y			Y
KNGP	CORPUS CHRISTI NAS	United States	NAM	Y			Y
KNKT	CHERRY POINT CUNNINGHAM FIELD	United States	NAM	Y			Y
KNTD	POINT MUGU NAS	United States	NAM	Y			Y
KOFF	OMAHA/OFFUT	United States	NAM	Y			Y
KPLB	PLATTSBURG, CLINTON CO	United States	NAM	Y			Y
KSBD	SAN BERNARDINO INTL	United States	NAM	Y			Y
KUCA	UTICA / ONEIDA COUNTY	United States	NAM	Y			Y
LDPV	VRSAR/ CRLJENKA	Croatia	EUR				
LHTA	TASZAR	Hungary	EUR	Y	¥	¥	Y
LIBF	FOGGIA/GINO LISA	Italy	EUR	¥	¥	¥	¥
LIMB	MILANO/BRESSO	Italy	EUR	¥	¥	¥	¥
LIMR	NOVI LIGURE	Italy	EUR	¥	¥		
LIPT	VICENZA	Italy	EUR	Y	¥	¥	Y
LLBS	BEER SHEBA-TEYMAN	Israel	MID	Y	¥	¥	Y
LSGL	LAUSANNE-LA BLECHERETTE	Switzerland	EUR	Y			
LSZL	LOCARNO	Switzerland	EUR	Y			
LTCB	ELAZIG	Turkey	EUR	¥	¥	¥	¥
LTCJ	BATMAN	Turkey	EUR	¥	¥	¥	¥
MGTK	TIKAL/ANACLETO M.CASTELLANOS	Guatemala	CAR	Y			Y
MYER	ROCK SOUND	Bahamas	CAR	¥			¥
OOMA	MASIRAH	Oman	MID	Y			Y
OPFA	FAISALABAD	Pakistan	ASI	Y			Y
OPMT	MULTAN	Pakistan	ASI	Y			Y
OPPI	PASNI	Pakistan	ASI	¥			¥
OPQT	QUETTA	Pakistan	ASI	¥			¥
PANT	ANNETTE ISLAND	United States	PAC	Y			Y
PJON	JOHNSTON ATOLL	Johnston Atoll (United States)	PAC				
RJKK	GUNSAN	Republic of Korea	ASI	Y			Y
RKSO	OSAN	Republic of Korea	ASI	Y			Y
RPMB	BUAYAN/GENERAL SANTOS	Philippines	ASI	¥			¥
SVFM	CARACAS/B.A. GEN F, DE MIRANDA	Venezuela	SAM	Y			Y
SVHG	HIGUEROTE	Venezuela	SAM	Y			Y
SVTM	TUMEREMO	Venezuela	SAM	Y			Y

ICAO Location	Airport Name	Country	ICAO Region	SUG Annex 1			
				SA	SP	FC	FT
TJMZ	MAYAGUEZ	Puerto Rico (United States)	CAR	Y			Y
TJNR	ROOSEVELT ROADS	Puerto Rico (United States)	CAR	Y			Y
ULAM	NARYAN MAR	Russian Federation	EUR	¥	¥	¥	
UMMI	LIPKI	Belarus	EUR	¥	¥		
UNIT	TURA	Russian Federation	EUR	¥			¥
UOTT	TURUKHANSK	Russian Federation	EUR	¥			¥
USMM	NADYM	Russian Federation	EUR	¥	¥	¥	¥
UTKF	FERGANA	Uzbekistan	EUR	¥			¥
UWYP	PECHORA	Russian Federation	EUR	¥	¥	¥	
VCCC	COLOMBO/RATMALANA	Sri Lanka	ASI	Y			Y
VCCJ	KANKESANTURAI/JAFFNA	Sri Lanka	ASI	¥			¥
VEBS	BHUBANESWAR	India	ASI	Y			Y
VIPK	PATHANJOT	India	ASI	¥			¥
VTSN	NAKHON SI THAMMARAT/CHA IAN	Thailand	ASI	Y			Y
VVDB	DIENBIEN	Viet Nam	ASI	Y	¥	¥	Y
VVDL	DALAT / LIENKHUONG	Viet Nam	ASI	Y	¥	¥	Y
VVNT	NHATRANG	Viet Nam	ASI	Y	¥	¥	Y
VVPB	HUE / PHUBAI	Viet Nam	ASI	Y	¥	¥	Y
VYSW	SITTWE	Myanmar	ASI	Y			Y
WARJ	YOGYAKARTA/ADI SUTJIPTO	Indonesia	ASI	Y			Y
WARQ	SOLO	Indonesia	ASI	Y			Y
WASS	SORONG	Indonesia	ASI	Y			Y

— END —