

APPENDIX B

**AMHS INTERCONNECTION REQUIREMENT AND DATE OF IMPLEMENTATION
IN THE SAM REGION**

STATES	AMHS INTERCONNECTION REQUIREMENTS	DATE OF IMPLEMENTATION	COMMENTS
Argentina	Bolivia	Dec 2018	Pending initial coordination
	Brazil	Apr 2018	Final operational tests for AMHS interconnection between Brasilia and Ezeiza were successfully completed on 18 May 2016. Operational implementation 05/04/2018.
	Chile	Jun 2018	Positive operational tests carried out on mid December 2016. Pending decision from authorities of Argentina and Chile for operational implementation.
	Paraguay	Mar 2012	Implemented and operational
	Peru	Jun 2018	Positive operational tests carried out at the end of 2016. Pending decision from authorities of Argentina and Peru for operational implementation.
	South Africa	Jun 2019	Coordination began on December 2016. Interconnection implementation will be made through CAFSAT. Modernization of CAFSAT node Ezeiza is foreseen by the first semester of 2019.
	Uruguay	Jun 2018	Connectivity in Protocol P1 level between MTA Ezeiza – Montevideo. Operational test foreseen June 2018.
	Venezuela	Jun 2018	Implemented and operational (out of service- failure in AMHS Venezuela) since Dec 2016. Operational since 20 September 2017. Tests foreseen for June 2018.
	SITA (Atlanta)	July 2018	Positive connectivity tests carried out. Operation foreseen December 2017.
Bolivia	Argentina	Dec 2018	Pending initial coordination
	Brazil	Sep 2018	Pending initial coordination
	Peru	Jun 2018	IP connectivity between La Paz and Lima MTAs achieved. Failure occurred in MTA La Paz, AASANA will consult Thales.
Brazil (Brasilia)	Argentina	Apr 2018	Final operational tests for AMHS interconnection between Brasilia and Ezeiza were successfully completed on 18 May 2016. Operational implementation 05/04/2018.
	Bolivia	Sep 2018	Pending initial coordination
	Colombia	May 2017	Operational May 2017.

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	Spain	Dec 2017	Operations scheduled December 2017. AMHS circuit implemented through CAFSAT. To date in pre-operational phase. For beginning operations, Brasilia AMHS connection is expected - SITA(April 2018)
	United States	December 2018	Coordination began between Brazil and United States. Circuit implementation will be made through MEVAIII/REDDIGII.
	Guyana	Jul 2017	Operations in Protocol P1 level begun on 16 December 2016 at 17:00 UTC. On mid-February 2017 returned to AFTN configuration. AMHS tests resume on May 2017. Connection resume on July 2017.
	French Guiana	Dec 2018	Operation of an AMHS (CONSOFT) system is schedule by January 2018. AMHS interconnection scheduled October 2018.
	Paraguay	December 2018	Positive P1 connectivity tests were carried out. Pending operational tests by June 2018.
	Peru	Dec 2015	Implemented and operational 14 December 2015
	Senegal	Dec 2018	Coordination began between Brazil and Senegal (Dec 2016). Interconnection will be made through AFISNET satellite network which Brazilian node was installed in Recife.
	Sita (Atlanta)	July 2018	Successful operational and IP interoperability tests carried out in August 2017. Operation foreseen by July 2018
	Suriname	Dec 2018	Entered into operation on 15 Dec 2016 at 17:00 UTC. On mid-February 2017 returned to AFTN configuration. Pending updating of AMHS system by Suriname.
	Uruguay	Jun 2018	IP connectivity completed. (First week October 2016). IP Protocol tests successfully concluded the week of 28 Nov 2016 (30 Nov and 1 Dec). Positive operational tests made in August 2017 and commissioning in June 2018.
	Venezuela	Mar 2018	Positive connectivity in Protocol P1 level between Brasilia and Caracas (Oct 2016). Operational since 20 September 2017. Positive operational tests foreseen February 2018.
Chile	Argentina	Jun 2018	Positive operational tests carried out in

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			mid-December 2016. Pending decision from authorities of Argentina and Chile for operational implementation.
	Peru	Dec 2016	Began operations on mid-December 2016.
Colombia	Brazil	May 2017	Operational May 2017.
	Ecuador	Dec 2018	Successful IP connectivity tests. Pending resume of operational tests.
	Panama	Jun 2018	Circuitual interconnection has been configured through MEVA III/REDDIG II (Mid-February 2017). Positive operational tests August 2017. Operational implementation will be carried out once Colombia and Panama complete contract the AMHS circuit with MEVA III communication provider to establish Bogota-Panama AMHS circuit through MEVAIII/REDDIGII interconnection.
	Peru	Sep 2010	Implemented and operational
	Venezuela	Dec 2017	Operational since 20 September 2017 with new AMHS System. Tests foreseen November 2017.
Ecuador	Colombia	June 2018	IP connectivity tests successfully made. Pending resume of operational tests.
	Peru	Jul 2012	Implemented and operational
	Venezuela	Jun 2018	Operational since 20 September 2017 with new AMHS System. Operational tests with Venezuela carried out in November 2017. Problems in MTA Quito occurred in AMHS messages.
French Guiana (France)	Brazil	Dec 2018	French Guiana has scheduled for January 2018 the commissioning of an AMHS (CONSOFT) system. AMHS interconnection foreseen to begin October 2018.
	Venezuela	Dec 2018	French Guiana has scheduled for January 2018 the commissioning of an AMHS (CONSOFT) system. AMHS interconnection foreseen to begin on October 2018.
Guyana	Brazil	Jul 2017	Began operations on 15 Dec 2017 at 17:00 UTC. At mid-February 2017 returned to AFTN configuration. AMHS tests resumed on May 2017. Operational connection resumed on July 2017.
	Suriname	Jun 2011	Implemented and operational
	Trinidad & Tobago	Dec 2018	Pending coordination
	Venezuela	December 2018	Operational since 20 September 2017

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			with new AMHS System. Tests foreseen May 2018.
Panama	Colombia	Jun 2018	Circuitual interconnection has been configured through MEVA III/REDDIG II (mid-February 2017). Positive operational tests made on August 2017. Operational implementation will take place once Colombia and Panama contract AMHS circuit to the MEVA III communications provider in MEVAIII/REDDIGII interconnection.
	United States	Jun 2018	By mid-February 2018 positive operational test were conducted between MTA Panama and MTA Atlanta
Paraguay	Argentina	Mar 2012	Implemented and operational
	Brazil	Dec 2018	IP interconnectivity tests began mid July 2016. Pending of operational tests on June 2018.
Peru	Argentina	Jun 2018	Positive operational tests carried out at the end of 2016. Pending decision from authorities of Argentina and Chile for operational implementation.
	Bolivia	Jun 2018	Successful IP connectivity between La Paz MTA and Lima MTA. Failure occurred in MTA La Paz, AASANA will consult Thales.
	Brazil	Dec 2015	Implemented 14 December 2015
	Chile	Dec 2016	Entered into operations the second half of Dec 2016.
	Colombia	Sep 2010	Implemented
	Ecuador	Jul 2012	Implemented
	United States	Dec 2018	Initial coordination has begun for the AMHS connection through the MEVAIII/REDDIGII interconnection.
	Venezuela	Dec 2017	Operational since 20 September 2017 with new AMHS System. Tests foreseen October 2017. Operational since December 2017
Suriname	Brazil	Dec 2018	Began operations on 15 Dec 2016 at 17:00 UTC. At mid-February 2017 returned to AFTN configuration. Pending Suriname AMHS system updating.
	Guyana	Jun 2011/Dec 2018	Implemented and operational until last quarter 2017. AMHS problems in Suriname identified. Pending updating.
	Venezuela	Dec 2018	New AMHS system operative in Venezuela since 20 September 2017. Tests and operation shall begin once Suriname updates its AMHS.

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Uruguay	Argentina	Jun 2018	Positive P1 connectivity between Ezeiza and Montevideo achieved. Operational tests foreseen June 2017.
	Brazil	Jun 2018	IP connectivity tests completed (first week October 2016) Protocol P1 successfully concluded the week of 28 November 2016 (30 November and 1 December). Positive operational test made on August 2017. Operations foreseen June 2018.
Venezuela	Argentina	Jun 2018	Implemented and operational (out of service- failure in AMHS Venezuela) New AMHS system started operations in Venezuela on 20 September 2017. Tests with Venezuela foreseen Jun 2018.
	Brazil	Mar 2018	IP Connectivity achieved between Brasilia and Caracas (Oct 2016) New AMHS system started operations in Venezuela on 20 September 2017. Positive tests carried out in February 2018).
	Colombia	Dec 2017	New AMHS system started operations in Venezuela on 20 September 2017. Positive tests carried out in November 2017. Began operation in December 2017.
	Spain	Dec 2018	Pending initial coordination. Interconnection will be made through a communication circuit rented to a local provider. Implementation in progress.
	United States	Dec 2018	Pending initial coordination. AMHS circuit will be implemented through MEVAIII/REDDIGII interconnection.
	Ecuador	Dec 2018	New AMHS system started operations in Venezuela on 20 September 2017. Operational tests with Venezuela carried out in November 2017. Problems with MTA Quito identified in AMHS messages priorities.
	Guyana	Dec 2018	New AMHS system started operations in Venezuela on 20 September 2017. Tests with Venezuela foreseen June 2018.
	French Guiana	Dec 2018	French Guiana has scheduled for January 2018 the commissioning of an AMHS (CONSOFT) system. AMHS interconnection scheduled since October 2018.
	Peru	Dec 2017	New AMHS system started operations in Venezuela on 20 September 2017. Tests foreseen November 2017.

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	Suriname	Dec 2018	New AMHS system started operations in Venezuela on 20 September 2017. Pending operational tests to be made when Suriname updates its AHMS system.
	Trinidad & Tobago	Dec 2018	New AMHS system started operations in Venezuela on 20 September 2017. Initial coordination done.

Green highlighted: AMHS interconnection operative