

## APPENDIX B 2

### Status of Conclusions and Decisions related to SAT/22 Meeting pertaining to CNS field

#### Agenda Item 3: Communications, Navigation and Surveillance (CNS)

| Conclusions and Decisions  | Implementation Status | Remarks                |
|--|-----------------------|------------------------|
| <b>3.1 Follow up of SAT/21 Conclusions pertaining to the CNS field</b>   |                       |                        |
| <p><b>Conclusion 22/05: Reporting on the work of the multidisciplinary local Group for the assessment and the mitigation of missing Flight Plans</b></p> <p><b>That;</b></p> <p><b>In order to ensure an efficient interconnection of ATM/CNS systems SAT ACCs continue the assessment and mitigation of missing Flight Plans through the work of their local multidisciplinary Group established for this purpose, share the result with concerned neighbors and report quarterly to the coordinator (ASECNA) for summary and yearly report to the SAT.</b></p> |                       |                        |
| <p><b>Conclusion 22/06: Establishment of SITA Gateways on SAT VSATS networks</b></p> <p><b>That;</b></p> <p><b>Concerned SAT ACCs:</b></p> <p>a) Take benefits of the experience conducted in the SAM and AFI regions in the establishment of SITA Gateways on REDDIG and AFISNET networks to support ADS-C &amp; CPDLC data where possible;</p> <p>b) Conduct prior to implementation a cost benefit analysis;</p> <p>c) Ensure the full reliability of the system.</p>   |                       |                        |
| <b>3.2 Revue of the performance of SAT CNS Infrastructure and systems</b>  |                       |                        |
| <p><b>Decision 22/07: Establishment of a Technical Group for the identification of CNS systems performance</b></p> <p><b>That;</b></p> <p>a) A Technical Group composed with ASECNA, Brazil, Capo Verde, Ghana, Portugal is established with the mandate to define, identify and assess SAT CNS systems performance;</p> <p>b) The Group under the leadership of Ghana will submit to SAT members a draft list of</p>  | <b>On going</b>       | <b>Ghana to report</b> |

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| <p>performance and metrics by 30 June 2017 for comments and amendments to be sent no later than 31 July 2017;</p> <p>c) The draft document will be finalized no later than 30 September 2017 and forwarded to ANSPs for first reporting on SAT CNS performance before 31 January 2018;</p> <p>d) The technical group will work with the assistance of the Secretariat through e-mailing and Teleconferences.</p>   |                           |  |
| <p><b>3.3 Improvement of CNS system in the SAT Region (AMHS, AIDC, ADS-B)</b></p>  |                           |  |
| <p><b>Conclusion 22/08: Continuation of teleconferences for the coordination of the interconnection of AMHS systems in the SAT Region</b></p> <p><b>That;</b><br/> <b>SAT concerned ANSPs with the assistance of ICAO Regional Offices of Lima and Dakar pursue the teleconferences and bilateral exchange in order to finalize the following ongoing AMHS interconnection exercises:</b></p> <p>a) Casablanca/Lisbon;<br/> b) Ezeiza/Johannesburg;<br/> c) Dakar/ Recife<br/> d) Abidjan/Accra.</p> | <p><b>Implemented</b></p> | <p><b>Casablanca/Lisbon AMHS link is operational since May, 17<sup>th</sup> 2018</b></p> |
| <p><b>Conclusion 22/09: Implementation of AIDC between Abidjan and Accra</b></p> <p><b>That;</b></p> <p><b>In consideration of the initiative already undertaken, ASECNA and GCAA pursue their concertation in order to finalize the roadmap and implement AIDC between Abidjan and Accra with regard to the following schedule:</b></p> <p>a) First trial between Abidjan and Accra to start on <b>15 July 2017</b></p> <p>b) Full operational implementation by <b>31 January 2018.</b></p>        |                           |  |
| <p><b>Conclusion 22/10: Implementation of AIDC between Accra and Luanda</b></p> <p><b>That;</b><br/> <b>GCAA and ENANA develop a roadmap for the implementation of AIDC between Accra and Luanda comprising at least:</b></p> <p>a) The elimination of the deficiency on the Accra/Luanda VSAT link;</p>   |                           |  |

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| <b>b) The definition of AIDC messages set.</b>  |  |  |
| <b><u>Conclusion 22/11:</u> Extension of the participation in the teleconferences to ATS Experts</b>  |  |  |
| <b>That;</b><br><b>In order to ensure an effective interconnection of SAT CNS &amp; ATM systems complying with the requirements identified by the ATM WG, ANSPs nominate ATS Experts to attend the future teleconferences on the interconnection of AMHS systems and the implementation of AIDC.</b>  |  |  |
| <b><u>Conclusion 22/12:</u> Establishment of ATM/CNS systems Cyber Security Policies, Plans and Procedures</b>  |  |  |
| <b>That;</b><br><b>a) In order to ensure the Security of ATM/CNS systems, ANSPs should develop and implement Cyber Security Policies, Plans and Procedures comprising Security Risk Assessment and personnel training and report on the initial initiative <b>not later than 31 December 2017</b>;</b><br><b>b) In this respect, DSNA France could assist SAT ANSPs when necessary.</b> |  |  |
| <b><u>Conclusion 22/13:</u> Training needs on ATM/CNS Cyber Security</b>  |  |  |
| <b>That;</b><br><b>SAT ANSPs identify Cyber Security training requirements, develop and implement Cyber Security training programme and organize with the assistance of ICAO Workshops in order to sensitize all the stakeholders involved in the provision and usage of air navigation service.</b>  |  |  |
| <b>3.4 Any other CNS business</b>   |  |  |
| <b>NIL</b>  |  |  |
| <b>Agenda Item 4: Communications, Navigation and Surveillance / Air traffic management (CNS/ATM) Systems (Plenary session)</b>  |  |  |
| <b>4.1 Harmonization of ADS/CPDLC programmes</b>  |  |  |
| <b>4.1.1 Review of the conclusions/decisions of the eleventh meeting of the SAT FANS 1/A Interoperability Team (SAT/FIT/112).</b>   |  |  |
| <b>NIL See ATM</b>  |  |  |
| <b>4.2 Review of the conclusions/decisions of CNMC/7 meeting</b>  |  |  |
| <b>Decision 22/15: Adoption of the Conclusions/Decisions of CNMC seventh Meeting</b>  |  |  |
| <b>That;</b>  |  |  |

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| <b>The Conclusions and Decisions of the meeting of the CAFSAT Network Management Committee (CNMC) are adopted as attached at <b>APPENDIX H2.</b></b>  |  |  |
| <b>Agenda Item 6: Future work programme (Plenary session)</b>   |  |  |
| <b>Decision 22/16: Terms of Reference and Future work programme of the SAT</b><br><br><b>That;</b><br><b>The Terms of Reference and Future work programme of the SAT ATM Working Group (ATM/WG), SAT Study Group on the Improvement of the Airspace Structure in the EUR/SAM Corridor (IAS/SG), SAT CNS Working Group (CNS/WG) are adopted as attached at APPENDIX K.</b> |  |  |