



APPENDIX O

CNMC/8 Conclusions and Decisions

Agenda Item 1: Review of the status of implementation of the Conclusion/Decision of the seventh meeting of CNMC (CNMC/7)

Conclusions 8/01: Implementation of the outstanding Conclusions and Decisions of CNMC/7 Meeting	
That; CNMC Administrations/Organizations endeavor to implement the outstanding Conclusions/Decisions of the Seventh and previous meetings of CNMC	Expected impact: <input type="checkbox"/> Political / Global <input checked="" type="checkbox"/> Inter-regional <input checked="" type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational
Why: To maintain high availability in the CAFSAT network and to guarantee the evolution of CAFSAT network based in the current and new operational requirements in the SAT Region	
When: Before the end of 2018	Status: Valid
Who: <input checked="" type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSP	

Conclusion 8/02: Finalization of the Restoration of the Nouakchott Casablanca AFTN circuit	
That; a) As a matter of urgency, the ICAO Regional Offices of Dakar, Secretary of the SAT and Paris accredited by Morocco, bring to the attention of the State the urgent need to complete the restoration of the Nouakchott Casablanca AFTN circuit in order to ensure full availability of operational messages Flight Plans, NOTAMs and OPMETS between the two SAT ATCs; b) ONDA pursue its effort and coordinate with ASECNA to fulfill the technical requirements for a full restoration of the Casablanca/Nouakchott AFTN circuit as soon as possible.	Expected impact: <input type="checkbox"/> Political / Global <input type="checkbox"/> Inter-regional <input checked="" type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational
Why: To ensure full availability of operational messages Flight Plans, NOTAMs and OPMETS between Nouakchott Casablanca ATCs	
When: August 2018	Status: Valid



Who: Coordinators States ICAO Secretariat ICAO HQ Others:
ANSP (ONDA , ASECNA)

Decision 8/03: Focal points for CAFSAT Re-engineering and modernization	
<p>That;</p> <p>a) The nominates list of Focal Points tasked to participate in the forthcoming activities on the CAFSAT Re-engineering and modernization is updated as attached at Appendix XXXX;</p> <p>b) CNMC members ensure the availability of communication facilities for the full participation of their nominated Focal Points to the coordination through e-meetings</p>	<p>Expected impact:</p> <p><input type="checkbox"/> Political / Global</p> <p><input checked="" type="checkbox"/> Inter-regional</p> <p><input type="checkbox"/> Economic</p> <p><input type="checkbox"/> Environmental</p> <p><input checked="" type="checkbox"/> Technical/Operational</p>
Why: To maintain update list of CNMC focal points and ensure the participation of them at the CNMC activities	
When: a) CNMC/8 b) continue support	Status: Valid
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSP	

Agenda Item 2: Review of the performance of CAFSAT earth stations and the operational statistics of availability for supported links

Decision 8/04: Development of a reporting template for level 1,2 &3 for statistical availability of CAFSAT	
<p>That:</p> <p>a) An ad’hoc technical group led by ATNS and comprising ASECNA and Portugal is established and tasked to develop a reporting template for level 1,2 & 3.</p> <p>b) The group will submit a draft template by 30 09 2018 to CNMC members for comment and feedback and complete its task by 31 10 2018.</p>	<p>Expected impact:</p> <p><input type="checkbox"/> Political / Global</p> <p><input type="checkbox"/> Inter-regional</p> <p><input type="checkbox"/> Economic</p> <p><input type="checkbox"/> Environmental</p> <p><input checked="" type="checkbox"/> Technical/Operational</p>
Why: To have a complete statistical analysis of CAFSAT network	
When: a) CNMC/8 b) 31/10/2018	Status: Valid
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSP (ATNS , ASECNA)	



Conclusion 8/05: Effective reporting on CAFSAT Performance (Level 1 to 4)	
<p>That;</p> <p>CAFSAT Members endeavor to report:</p> <p>a) Quarterly to CNMC current coordinator with copy to the Secretariat, on CAFSAT end to end service Performance (level 4) under the format of the Performance Data Collection Form (PDCF) adopted by the CNMC;</p> <p>b) Yearly to the CNMC meeting, on CAFSAT components MTBF and MTTR for levels 1, 2 and 3 under the reporting template developed by the above ad'hoc technical group.</p>	<p>Expected impact:</p> <p><input type="checkbox"/> Political / Global</p> <p><input type="checkbox"/> Inter-regional</p> <p><input type="checkbox"/> Economic</p> <p><input type="checkbox"/> Environmental</p> <p><input checked="" type="checkbox"/> Technical/Operational</p>
Why: To count with a complete performance statistic of CAFSAT availability	
When: a) Quaterly ; b) yearly (CNMC/9)	Status: Valid
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSPs	

Agenda Item 3: Interconnection and interoperability of CAFSAT with its neighboring networks

Conclusion 8/06: Need to update the Regional Air Navigation Plans of the AFI and SAM Regions for the Interconnection and Interoperability between Networks to support AFS	
<p>That;</p> <p>In order to ensure a harmonized implementation of AIDC under ATN in line with the provision of the ICAO Manual of Air Traffic Services Data Link Applications (Doc. 9694-Part VI-1.2), the ICAO Regional Offices of NACC, SAM and WACAF bring to the consideration of their respective PIRGS (GREEPECAS and APIRG) the need to include in their regional Air Navigation Plans the establishment of the following AMHS circuits:</p> <p>a) Dakar/Cayenne</p> <p>b) Dakar/Piarco</p>	<p>Expected impact:</p> <p><input type="checkbox"/> Political / Global</p> <p><input checked="" type="checkbox"/> Inter-regional</p> <p><input type="checkbox"/> Economic</p> <p><input type="checkbox"/> Environmental</p> <p><input checked="" type="checkbox"/> Technical/Operational</p>
Why: Update Regional Air Navigation Plan	



ICAO

When: End 2018	Status: Valid
Who: <input type="checkbox"/> Coordinators <input type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Others:	

Agenda Item 4: CAFSAT re-engineering and modernization

Conclusion 8/07: Guidelines for the implementation of phase II of CAFSAT stations	
<p>That;</p> <p>In order to ensure harmonization of the composition of CAFSAT nodes, the implementation of phase II of the CAFSAT network be conducted in accordance with the guidelines and the block diagram attached at Appendix XXXX.</p>	<p>Expected impact:</p> <p><input type="checkbox"/> Political / Global</p> <p><input checked="" type="checkbox"/> Inter-regional</p> <p><input type="checkbox"/> Economic</p> <p><input type="checkbox"/> Environmental</p> <p><input checked="" type="checkbox"/> Technical/Operational</p>
Why: Ensure harmonization of the composition of CAFSAT nodes	
When: End 2019	Status: Valid
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Others: ANSP	



Decision 8/08: Updated Action Plan for CAFSAT Re-Engineering Phase II	
<p>That;</p> <p>a) The updated Action Plan for CAFSAT Re-Engineering Phase II is adopted as attached in Appendix XXXX;</p> <p>b) States to submit their Updated CAFSAT Re-Engineering Plan to the current coordinator with copy to the Secretariat and to concerned stakeholders by end of 30 09 2018.</p>	<p>Expected impact:</p> <p><input type="checkbox"/> Political / Global</p> <p><input checked="" type="checkbox"/> Inter-regional</p> <p><input type="checkbox"/> Economic</p> <p><input type="checkbox"/> Environmental</p> <p><input checked="" type="checkbox"/> Technical/Operational</p>
Why: Update action plan CAFSAT Phase II	
When: a) CNMC/8 b) 30/9/2018	Status: Valid
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Others: ANSP	

Conclusion 8/09: Cyber Safety and Resilience of the CAFSAT Network	
<p>That;</p> <p>In order to ensure the Cyber Safety and resilience of the CAFSAT network, members endeavor to:</p> <p>a) Conduct Gap analysis to identify CAFSAT cyber vulnerabilities and mitigate the related risks;</p> <p>b) Consider the protection of CAFSAT against cyber threat in the technical specification;</p> <p>c) Provide with the support of ICAO, technical and operational personnel with the adequate education training in the matter.</p>	<p>Expected impact:</p> <p><input type="checkbox"/> Political / Global</p> <p><input checked="" type="checkbox"/> Inter-regional</p> <p><input type="checkbox"/> Economic</p> <p><input type="checkbox"/> Environmental</p> <p><input checked="" type="checkbox"/> Technical/Operational</p>
Why: ensure the Cyber Safety and resilience of the CAFSAT network	
When: a) CNMC/9 , b) CNMC/9 , c) August 2018	Status: Valid
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSP	



Decision 8/10: Expansion of the Mandate of the Joint Technical Team to address issues on Cyber Safety and resilience of CAFSAT	
That: a) The mandate of the Joint Technical Team for CAFSAT re-engineering and modernization is expanded to address issues on Cyber Safety and resilience of CAFSAT. b) The team will conduct its activities in this area under the coordination of the rolling CNMC coordinator (South Africa) and report to CNMC	Expected impact: <input type="checkbox"/> Political / Global <input checked="" type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational
Why: ensure the Cyber Safety and resilience of the CAFSAT network	
When: CNMC/8	Status: Valid
Who: <input checked="" type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others:	

Agenda Item 5: ICAO Position for the ITU World Radio Communication Conference (WRC-19) on issues pertaining to VSATs Networks

Conclusion 8/11: Support to ICAO Position for ITU WRC-19	
That: a) SAT members endeavor to facilitate and attend regional preparatory conferences involving various partners (CAAs, ANSPs, Airlines, Aerodrome Operators, Telecommunication Regulator) organized with the aim to develop a consistent document summarizing the concerns of the SAT Civil Aviation community on WRC-19 agenda items; b) The ICAO Regional Offices in collaboration with CNMC CAAs, ANSPs and the industry initiate and coordinate the effective preparation of such conferences.	Expected impact: <input type="checkbox"/> Political / Global <input checked="" type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Technical/Operational
Why: support ICAO position ITU WRC 19	
When: WRC-19	Status: Valid
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others:	



Agenda Item 6: Implementation of recommendations 6/19 of Special AFIRAN meeting

Conclusion 8/12: Alignment of CAFSAT modernization with PIRGs plannings

Conclusion 8/12: Alignment of CAFSAT modernization with PIRGs plannings	
<p>That;</p> <p>When planning and implementing the upgrade of their CAFSAT nodes, members duly consider the planning of the communication projects of their respective PIRGs in order to ensure regional and interregional interoperability and timeframe alignment</p>	<p>Expected impact:</p> <p><input type="checkbox"/> Political / Global</p> <p><input checked="" type="checkbox"/> Inter-regional</p> <p><input checked="" type="checkbox"/> Economic</p> <p><input type="checkbox"/> Environmental</p> <p><input checked="" type="checkbox"/> Technical/Operational</p>
Why: Ensure regional and interregional interoperability and timeframe alignment	
When: 2018-2019	Status: Valid
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSPs	

Agenda Item 7: Review of the Terms of Reference and Work Programme of CNMC

Decision 8/13: Terms of Reference and Working Arrangements of CNMC	
<p>That;</p> <p>The updated Terms of Reference and Working Arrangements of CNMC are adopted as presented in Appendix XXXX.</p>	<p>Expected impact:</p> <p><input type="checkbox"/> Political / Global</p> <p><input checked="" type="checkbox"/> Inter-regional</p> <p><input checked="" type="checkbox"/> Economic</p> <p><input type="checkbox"/> Environmental</p> <p><input checked="" type="checkbox"/> Technical/Operational</p>
Why: Update terms of reference and working arrangements of the CNMC	
When: CNMC/8	Status: Valid
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSPs	



Agenda Item 8: Adoption of the draft Conclusions/Decisions of CNMC/8 Meeting

Agenda Item 9: Any other business

Conclusion 8/14: Full participation of members to CNMC meetings	
<p>That;</p> <p>a) The following CNMC members namely, EANA (Argentina), DECEA (Brazil) and ONDA (Morocco) endeavor to fully attend the next CNMC meetings and participate in the activities conducted through teleconferences and e-mailing.</p> <p>b) The regional Offices of Dakar, Lima and Paris bring to the attention of the concerned States the importance for their ANSPs commitment to attend the interregional coordination meetings, report on CAFSAT operation and conduct the agreed work for CAFSAT modernization</p>	<p>Expected impact:</p> <p><input type="checkbox"/> Political / Global</p> <p><input checked="" type="checkbox"/> Inter-regional</p> <p><input type="checkbox"/> Economic</p> <p><input type="checkbox"/> Environmental</p> <p><input checked="" type="checkbox"/> Technical/Operational</p>
Why: Ensure active participation of Argentina, Brazil and Morocco at CAFSAT activities	
When: a) CNMC/9 b) Communication August 2018	Status: Valid
Who: <input type="checkbox"/> Coordinators <input checked="" type="checkbox"/> States <input checked="" type="checkbox"/> ICAO Secretariat <input type="checkbox"/> ICAO HQ <input checked="" type="checkbox"/> Others: ANSP(EANA, DECEA and ONDA)	