



INTERNATIONAL CIVIL AVIATION ORGANISATION
ANNING AND IMPLEMENTATION REGIONAL GROUP (APIRG)
OPMET MANAGEMENT TASK FORCE FIFTH MEETING (AFI OPMET MTF/5)
(Nairobi, Kenya, 8-10 July 2013)

Item 4: Review of regional guidance material on OPMET exchange

REVIEW OF THE AMBEX HANDBOOK

(Presented by ASECNA and ROC Toulouse)

Summary

The present note proposes the compilation of additional bulletins AMBEX allowing taking into account aerodromes AOP and non AOP.

1 . Introduction

1.1. The meeting is reminded that one objective of the System of exchange of weather reports in Africa and Indian Ocean Region (AFI) of the ICAO (AMBEX) is to ensure the most efficient and economical exchange of OPERational METeorological messages (OPMET) for the benefit of the users within the region AFI and with the other ICAO regions.

2. Discussions

2.1 Appendix A of the SADIS users Guide (SUG) expresses the needs for the users regarding the OPMET data METAR and TAF. When the OPMET of the national non-AOP aerodromes is required by the users, the concerned States are consulted and requested to supply the additional information. Willing States may then make them available for exchange and the aerodromes concerned are included in the Appendix 1 of the SUG.

2.2.1.3. It appears there is a discrepancy between the content of the bulletins OPMET of the system AMBEX and the needs for the users appearing in the SADIS users Guide, while the AMBEX is required to meet users needs. The identified gap includes the following:

- Irregularities of the contents of bulletins passed transmitted by national centers of the OPMET (NOC) towards the centers of collection of bulletins (BCC) ;
- Non compilation by the BCC, the information OPMET produced by aerodromes - AOP and non AOP, leading a low availability on the AFS, the OPMET stemming from aerodromes mainly but non only from non - AOP of the AFI region;
- Transmission of the individual bulletins of the NOC towards the RODBs, the IROG and towards the WAFCS.

2.3. To allow improving the exchange of the OPMET data within the AFI region and with the other regions, the meeting may wish to formulate the following recommendation:

Decision MTF5/xxx: Update of bulletins TAF and METAR

That

The task force consider the distribution in the AMBEX system stemming from SUG annex1 required aerodromes data (AOP and non AOP), the meeting recommends the compilation of the TAF and METAR, SPECI following Appendix A, B, C, D, E and F.

2.4 The implementation of this distribution will come into effect from October 1st, 2013 at 1200 UTC and an evaluation will be made by the BCCs, the AFI RODBs and ROC of Toulouse until October 31st, 2013.

3 . Action by the meeting

The meeting is invited to:

- To note the information in this paper and;
- Approve the recommendation above, necessary for the improvement of the AMBEX System.

Appendix A: BULLETINS OF METAR/SPECI FOR BCC OF BRAZZAVILLE

| CENTRES NOC | CONTENTS OF BULLETINS OF METAR (SA,SP) | | | | | | | AMBEX Bulletins |
|-----------------|--|--------------------------------------|--------------------|--|--------------------------------------|-----------------------|--|--|
| | NOC Bulletins | NOC Aerodromes | Bulletins AMBEX | AMBEX Aerodromes (Current) | Appendix 1 SUG | Non-AOP Aerodromes | | |
| BCC/FCBB | | | | | | | | Proposal |
| FCBB | SACG31 | FCBB FCPP FCPL FCOU FCOI | SAAM31 | FCBB FCPP FEFF FKKD FKYS FZAA FOOL FOOG FNLU FPST FGSL | FCBB FCPP | FCPL FCOU FCOI | SAAM31 FCBB FCBB FCPP FEFF FKKD FKYS FZAA FOOL FOOG FNLU FPST FGSL | SAAM35 FCBB FCPL FCOU FCOI FEFT FKKR FKKL FKKN FZNA FZIC FZQA FZWA FOON FNHU FGBT |
| FEFF | SACE31 | FEFF FEFT | | | FEFF | | | |
| FKKD | SACM31 | FKKD FKKR FKKL FKKN FKYS | | | FKKD FKKR FKKL FKKN FKYS | | | |
| FZAA | SAZR31 | FZNA FZAA FZIC FZQA FZWA | | | FZNA FZAA FZIC FZQA FZWA | | | |
| FOOL | SAGO31 | FOOL FOOG FOON | | | FOOL FOOG FOON | | | |
| FPST | SATP31 | FPST | | | FPST | | | |
| FNLU | SAAN31 | FNHU FNLU | | | FNHU FNLU | | | |

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|------|--------|--------------|--|--|------|------|--|--|
| FGSL | SAGQ31 | FGSL FGBT | | | FGSL | FGBT | | |
|------|--------|--------------|--|--|------|------|--|--|

Appendix B: BULLETINS OF METAR/SPECI FOR BCC OF DAKAR

| CENTRES NOC | CONTENTS OF BULLETINS OF METAR (SA,SP) | | | | | | | AMBEX Bulletins |
|-----------------|--|--|--------------------|--|--|-----------------------|--|--|
| | NOC Bulletins | NOC Aerodromes | Bulletins AMBEX | AMBEX Aerodromes (Current) | Appendix 1 SUG | Non-AOP Aerodromes | | |
| BCC/GOOY | | | | | | | | Proposal |
| DIAP | SAIV31 | DIAP DIBK DIYO DISP DISS DIDL DIGA | SAAO32 | GOOY DIAP GBYD GABS GUCY GFLL GLRB GQPP GQNN GVAC GGOV | DIAP DIYO | DIYO | SAAO32 GOOY GOOY DIAP GBYD GABS GUCY GFLL GLRB GQPP GQNN GVAC GGOV | SAAO35 GOOY DIYO GAGO GAKD GAKL GAMB GANR GATB GOGS GOSS DISP DIDL DIGA |
| GBYD | SAGB31 | GBYD | | | GBYD | | | |
| GABS | SAMI31 | GABS GAGO GAKD GAKL GAMB GANR GATB | | | GABS GAGO GAKD GAKL GAMB GANR GATB | | | |
| GFLL | SASL31 | GFLL | | | GFLL | | | |
| GLRB | SALI31 | GLRB | | | GLRB | | | |
| GOOY | SASG31 | GOGS GOOY GOSS | | | GOGS GOOY GOSS | GOSS | | |
| GQNN | SAMT31 | GQPP GQNN | | | GQPP GQNN | | | |
| GGOV | SAGW31 | GGOV | | | GGOV | | | |

| | | | | | | | | |
|------|--------|------|--|--|------|--|--|--|
| GUCY | SAGN31 | GUCY | | | GUCY | | | |
| GVAC | SACV31 | GVAC | | | GVAC | | | |

Appendix C: BULLETINS OF METAR/SPECI FOR BCC OF NIAMEY

| CENTRES NOC | CONTENTS OF BULLETINS OF METAR (SA,SP) | | | | | | | | |
|-----------------|--|--|--------------------|--------------------------------------|--|-----------------------|--|--|------|
| | NOC Bulletins | NOC Aerodromes | Bulletins AMBEX | AMBEX Aerodromes (Current) | Appendix 1 SUG | Non-AOP Aerodromes | AMBEX Bulletins | | |
| BCC/DRRN | | | | | | | Proposal | | |
| DRRN | SANR31 | DRZA DRRM DRRN DRRT DRZR | SAAO33 | DRRN DGAA DBBB DNKN DNMM | DRZA DRRM DRRN DRRT DRZR | | SAAO33 DRRN DRRN DGAA DBBB DNKN DNMM DXXX FTTJ DFFD | SAAO36 DRRN DRZA DRZR DGSJ DGTK FTTA DFOO | |
| DGAA | SAGH31 | DGAA DGSJ DGLE | | | DGAA DGSJ DGLE | | | | DGLE |
| DBBB | SABJ31 | DBBB | | | DBBB | | | | |
| DNKN | | DNAA DNAK DNBE DNCA DNEN DNIB DNIL DNIM DNJO DNKA DNKN DNKT DNMM DNMA DNMN DNSU DNPO | | | DNAA DNAK DNBE DNCA DNEN DNIB DNIL DNIM DNJO DNKA DNKN DNKT DNMM DNMA DNMN DNSU DNPO | | | | |

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|--|--|----------------------|--|--|----------------------|--|--|------|
| | | DNSO DNYO DNZA | | | DNSO DNYO DNZA | | | DNZA |
|--|--|----------------------|--|--|----------------------|--|--|------|

| CENTRES NOC | CONTENTS OF BULLETINS OF METAR (SA,SP) | | | | | | |
|-------------------------|--|--------------------------------------|--------------------|----------------------------------|----------------------|------------------------------|--|
| | NOC Bulletins | NOC Aerodromes | Bulletins AMBEX | AMBEX Aerodromes (Current) | Appendix 1 SUG | Non-AOP Aerodromes | AMBEX Bulletins |
| BCC/DRRN (suite) | | | | | | | Proposal |
| DXXX | | DXXX DXNG DXSK | SAAO33 | DXXX FTTJ DFFD | DXXX DXNG DXSK | | SAAO38 DRRN DXNG DXSK FTTC FTTY FTTD FTTA DFOO |
| FTTJ | | FTTC FTTY FTTD FTTJ FTTA | | | FTTJ | FTTC FTTY FTTD FTTA | |
| DFFD | | DFFD DFOO | | | DFFD DFOO | | |

Appendix D: BULLETINS OF METAR/SPECI FOR BCC OF ANTANANARIVO

| CENTRES NOC | CONTENTS OF BULLETINS OF METAR (SA,SP) | | | | | | | |
|-----------------|--|--|--------------------|--|--|-----------------------|--|--|
| | NOC Bulletins | NOC Aerodromes | Bulletins AMBEX | AMBEX Aerodromes (Current) | Appendix 1 SUG | Non-AOP Aerodromes | AMBEX Bulletins | |
| BCC/FMMI | | | | | | | Proposal | |
| FMMI | SAMG31 | FMMI FMNA FMCZ FMNM FMNN FMMS FMMT FMSD | SAIO31 | FMMI FMNM FIMP FMCH FMEE FMMT | FMMI FMNA FMCZ FMNM FMNN FMMS FMMT FMSD | | SAIO31 FMMI FMMI FMNM FIMP FMCH FMEE FMMT | SAIO35 FMMI FMNA FMCZ FMNN FMMS FMSD FIMR FMCV FMPE |
| FIMP | SAMA31 | FIMP | | | FIMR FIMP | | | |
| FMCH | SAIC31 | FMCH | | | FMCV FMCH | | | |
| FMEE | SARE31 | FMEE FMPE | | | FMEE FMPE | | | |

Appendix E: BULLETINS OF TAF FOR BCC OF BRAZZAVILLE

| CENTRES NOC | CONTENTS OF BULLETINS OF TAF (FT) | | | | | | | AMBEX Bulletins |
|-----------------|-----------------------------------|----------------------|--------------------|--|-------------------|-----------------------|--|--|
| | NOC Bulletins | NOC Aerodromes | Bulletins AMBEX | AMBEX Aerodromes (Current) | Appendix 1 SUG | Non-AOP Aerodromes | | |
| BCC/FCBB | | | | | | | | Proposal |
| FCBB | FTCG31 | FCBB | FTAM31 | FCBB FEFF FKKD FZAA FOOL FPST FGSL | FCBB | | FTAM31 FCBB FCBB FEFF FKKD FZAA FOOL FPST FGSL | FTAM35 FCBB FCPL FCOU FKKR FGBT FOON |
| | FTCG20 | FCPP FCPL FCOU | | | FCPP | FCPL FCOU | | |
| FEFF | FTCE31 | FEFF | | | FEFF | | | |
| FKKD | FTCM31 | FKKD | | | FKKD | | | |
| | FTCM20 | FKYS FKKR | | | FKYS | FKKR | | |
| FZAA | FTZR31 | FZAA | FTAM39 | FCPP FKYS FOOG FNLU | FZAA | | FTAM39 FCBB FCPP FKYS FOOG FNLU | |
| FOOL | FTGO31 | FOOL | | | FOOL FOOG | FOON | | |
| | FTGO20 | FOOG FOON | | | FOOG | | | |
| FPST | FTTP31 | FPST | | | FPST | | | |
| FNLU | FTAN31 | FNLU | | | FNLU | | | |
| FGSL | FTGQ31 | FGSL | | | FGSL | FGBT | | |
| | FTGQ20 | FGBT | | | | | | |

Appendix F: BULLETINS OF TAF FOR BCC OF DAKAR

| CENTRES NOC | CONTENTS OF BULLETINS OF TAF (FT) | | | | | | | Proposal | | | | |
|-----------------|-----------------------------------|-------------------|--------------------|--|-------------------|-----------------------|--|--|------|------|------------------------------------|--|
| | NOC Bulletins | NOC Aerodromes | Bulletins AMBEX | AMBEX Aerodromes (Current) | Appendix 1 SUG | Non-AOP Aerodromes | AMBEX Bulletins | | | | | |
| BCC/GOOY | | | | | | | | | | | | |
| DIAP | FTIV31 | DIAP | FTAO32 | DIAP GBYD GABS GFLL GLRB GOOY GQNN GUCY GVAC | DIAP | DIYO | FTAO32 GOOY DIAP GBYD GABS GFLL GLRB GOOY GQNN GUCY GVAC | FTAO35 GOOY DIYO GAGO GOGS GOSS | | | | |
| | FTIV20 | DIYO | | | GBYD | | | | | | | |
| GBYD | | GBYD | | | GABS | GAGO | | | | | | |
| GABS | FTMI31 | GABS | | | GQNN | | | | | | | |
| | FTMI20 | GAGO | | | GUCY | | | | | | | |
| GFL | FTSL31 | GFL | | | GVAC | GFL | | | | | | |
| GLRB | FTLI31 | GLRB | | | FTAO39 | GGOV GQPP | | | GLRB | | FTAO39 GOOY GGOV GQPP | |
| GOOY | FTSG31 | GOOY | | | | | | | GOGS | GOSS | | |
| | FTSG20 | GOGS GOSS | GQPP | | | | | | | | | |
| GQNN | FTMT31 | GQNN | GGOV | | | | | | | | | |
| | FTMT20 | GQPP | GUCY | | | | | | | | | |
| GGOV | FTGW31 | GGOV | GVAC | | | | | | | | | |
| GUCY | FTGN31 | GUCY | | | | | | | | | | |
| GVAC | FTCV31 | GVAC | | | | | | | | | | |

Appendix G: BULLETINS OF TAF FOR BCC OF NIAMEY

| CENTRES NOC | CONTENTS OF BULLETINS OF TAF (FT) | | | | | | | AMBEX Bulletins | |
|-----------------|-----------------------------------|-------------------|--------------------|--|----------------------|-----------------------|--|---|--------------|
| | NOC Bulletins | NOC Aerodromes | Bulletins AMBEX | AMBEX Aerodromes (Current) | Appendix 1 SUG | Non-AOP Aerodromes | | | |
| BCC/DRRN | | | | | | | | Proposal | |
| DRRN | FTNR31 | DRRN | FTAO33 | DRRN DGAA DBBB DNKN DNMM DXXX FTTJ DFFD | DRRN DRZA DRZR | | FTAO33 DRRN DRRN DGAA DBBB DNKN DNMM DXXX FTTJ DFFD | FTAO36 DRRN DRZA DRZR DGS DGTK FTTA DFOO | |
| | | FTNR20 | | | | | | | DRZA DRZR |
| DGAA | FTGH31 | DGAA | | | DGAA DGS DGTK | | | | |
| | FTGH20 | DGS DGTK | | | | | | | |
| DBBB | FTBJ31 | DBBB | | | DBBB | | | | |
| DNKN | FTNI31 | DNKN DNMM | | | DNKN DNMM | | | | |
| DXXX | FTTG31 | DXXX | | | DXXX | | | | |
| FTTJ | FTCD31 | FTTJ | | | FTTJ | | | | FTTA |
| | FTCD20 | FTTA | | | | | | | |
| DFFD | FTHV31 | DFFD | | | DFFD DFOO | | | | |
| | FTHV20 | DFOO | | | | | | | |

Appendix D: BULLETINS OF TAF FOR BCC OF ANTANANARIVO

| CENTRES NOC | CONTENTS OF BULLETINS OF TAF (FT) | | | | | | | |
|-----------------|-----------------------------------|--|--------------------|----------------------------------|------------------------------|-----------------------|---|--|
| | NOC Bulletins | NOC Aerodromes | Bulletins AMBEX | AMBEX Aerodromes (Current) | Appendix 1 SUG | Non-AOP Aerodromes | AMBEX Bulletins | |
| BCC/FMMI | | | | | | | | Proposal |
| FMMI | FTMG31 | FMMI | FTIO31 | FMMI FIMP FMEE FMCH | FMMI FMCZ FMNM FMMT | | FTIO31 FMMI FMMI FIMP FMEE FMCH FTIO39 FMNN FMMT | FTIO35 FMMI FMCZ FMNM FMEP FMMS FMST FMST FMSD FMNA |
| | FTMG20 | FMNA FMCZ FMNM FMNN FMMS FMMT FMST FMSD | | | | | | |
| | FTMA31 | FIMP | | | | | | |
| | FTMA20 | FIMR | | | | | | |
| | FTIC31 | FMCH | | | | | | |
| FIMP | FTMA31 | FIMP | FTIO39 | FMNN FMMT | FIMR FIMP | | | |
| FMCH | FTIC31 | FMCH | | | FMCH | | | |
| FMEE | FTRE31 | FMEE | | | FMEE FMEP | | | |
| | FTRE20 | FMEP | | | | | | |