

International Civil Aviation Organization

ICAO

INFORMATION PAPER (IP/06)

ICAO Asia and Pacific (APAC)
Twenty-Ninth Meeting of the Meteorology Sub-Group
(MET SG/29)

Bangkok, Thailand, 18 - 22 August 2025

Agenda Item 5: Planning and monitoring**UPDATING UNITED STATES INTERNATIONAL COLLECTIVES**

(Presented by the United States of America [USA])

SUMMARY

The USA will be replacing non-ICAO compliant USA collectives with ICAO compliant collectives to meet international requirements.

1. INTRODUCTION

1.1 The Washington IROG is updating traditional Alpha-Numeric Content (TAC) for its international OPMET distribution. This paper will highlight those changes.

2. DISCUSSION

2.1 In years past, States in the region have highlighted non-ICAO compliant USA TAF and METAR collectives that posed issues with decoders etc. These are legacy collectives that have been in use since the 1980s, and were originally built to save space on lower bandwidth connections. As the Washington IROG prepares for IWXXM, there is a focus on cleaning up the current TAC database.

2.2 There are about 26 non-ICAO compliant collectives. These will be replaced with approximately 380 native collectives.

2.3 See the appendix for the complete list to be discontinued and their replacements that will be added to the Washington IROG. This update is planned for late 2025. The ICAO compliant collectives are expected to be added slowly over a period of time to ensure users are not losing data. An example follows:

SiteID New Replaces FCNT31 KWBC: (this is an example of a non-compliant US collective being deleted) And will be replaced with the following native ICAO compliant collectives in yellow

BGBW - FCGL31 BGGH

BGCO - FCGL45 BGGH

BGGH - FCGL31 BGGH / FCGL45 BGGH

2.4 These collectives will be reviewed with the SE Asia ROBEX handbook to ensure correctness and avoid duplication for routing.

3. ACTION BY THE MEETING

3.1 The meeting is invited to note the information contained in this paper.

Appendix

SiteID New Replaces FCNT31 KWBC

BGBW - FCGL31 BGGH
BGCO - FCGL45 BGGH
BGGH - FCGL31 BGGH / FCGL45 BGGH
BGJN - FCGL31 BGGH
BGKK - FCGL31BGGH
BIRK - FCIL41 BIRK

SiteID New Replace FTAF32 KWBC

FCBB - FTAM31 FCBB
FCPP - FTAM39 FCBB
FEFF - FTAM31 FCBB
FEFT - FTGQ31 FGSL
FGBT - FTGQ31 FGSL
FGSL - FTAM31 FCBB
FHAW - FTAI41 FHAW
FKKD - FTAM31 FCBB
FOOG - FTAM39 FCBB
FOOL - FTAM31 FCBB
FPST - FTAM31 FCBB
FTTJ - FTAO20 DRRN

SiteID New Replaces FTAS31 KWBC

VAAH - FTIN90 VABB / FTIN31 VABB
VABB - FTIN90 VABB / FTIN31 VABB
VANP - FTIN90 VABB / FTIN31 VABB
VCBI - FTIN90 VABB / FTIN33 VABB / FTSB31 VCBI
VECC - FTIN90 VABB / FTIN31 VABB / FTIN90 VECC
VEPT - FTIN90 VABB / FTIN32 VABB / FTIN90 VEPT
VGEG - FTBW31 VGEG
VIAR - FTIN90 VABB / FTIN32 VABB / FTIN31 VIDP
VIDP - FTIN90 VABB / FTIN31 VABB / FTIN31 VIDP
VNKT - FTIN90 VABB / FTIN32 VABB
VOCI - FTIN90 VABB / FTIN32 VABB
VOHY - FTIN90 VABB / FTIN32 VABB
VOMM - FTIN90 VABB / FTIN32 VABB / FTIN90 VOMM
VOTR - FTIN90 VABB / FTIN32 VABB / FTIN90 VOMM
VOTV - FTIN90 VABB / FTIN32 VABB / FTIN90 VOTV

SiteID New Replaces FTBZ31 KWBC

SBCF - FTBZ18 SBGR
SBBR - FTBZ18 SBGR
SBNT - FTBZ41 SBBR
SBRF - FTXX99 SBBR
SBPA - FTXX99 SBBR
SBPS - FTXX99 SBBR
SBSG - FTXX99 SBBR
SBSV - FTXX99 SBBR
SBTT - FTXX99 SBBR
SBSL - FTXX99 SBBR
SBSN - FTXX99 SBBR
SBKP - FTXX99 SBBR
SBCB - FTXX99 SBBR
SBCG - FTXX99 SBBR
SBBE - FTXX99 SBBR
SBBV - FTXX99 SBBR
SBEG - FTXX99 SBBR
SBGL - FTXX99 SBBR
SBGR - FTXX99 SBBR
SBFI - FTXX99 SBBR
SBFZ - FTXX99 SBBR

SiteID New Replaces FTCA32 KWBC

MDLR - FTDR31 MDSD
MDPC - FTDR31 MDSD
MDPP - FTDR31 MDSD
MDSD - FTDR31 MDSD
MDST - FTDR31 MDSD
MTCH - FTHA31 MTCH
MTPP - FTHA31 MTPP
TAPA - FTAT31 TAPA
TIST - FTUS23 KWBC
TISX - FTUS23 KWBC
TJBQ - FTUS23 KWBC
TJMZ - FTUS23 KWBC
TJPS - FTUS23 KWBC
TJSJ - FTUS23 KWBC
TKPN - FTAT31 TAPA
TQPF - FTAT31 TAPA
TUPJ - FTAT31 TAPA

SiteID New Replaces FTCA33 KWBC

TBPB - FTCA31 TTPP
TDPD - FTBR31 TBPB
TFFF - FTMR20 TFFF
TFFR - FTMF20 TFFR
TGPY - FTGD31 TGPY / FTCA31 TTPP
TLPC - FTLC31 TLPL
TLPL - FTCA31 TTPP / FTLC31 TLPL
TNCA - FTNU50 TNCA
TNCB - FTDC31 EHDB
TNCC - FTNU31 TNCC / FTCA31 TTPP
TTCP - FTCA31 TTPP
TTPP - FTCA31 TTPP / FTSA31 TTPP

SiteID New Replaces FTCA35 KWBC

MHLC - FTHO31 MHTG
MHLM - FTHO31 MHTG
MHTG - FTHO31 MHTG
MNPC - FTNK31 MNMG
MPDA - FTPM31 MPTO
MPMG - FTPM31 MPTO
MPTO - FTPM31 MPTO
MRLB - FTCS31 MROC
MRLM - FTCS31 MROC
MROC - FTCS31 MROC
MRPV - FTCS31 MROC
MSLP - FTES31 MSLP
MSSS - FTES31 MSLP
MZBZ - FTBH31 MZBZ

SiteID New Replaces FTHW31 KWBC

PHJR - FTUS25 KWBC
PHKO - FTUS25 KWBC
PHLI - FTUS25 KWBC
PHNL - FTUS25 KWBC
PHOG - FTUS25 KWBC
PHTO - FTUS25 KWBC

SiteID New Replaces FTIO31 KWBC
FIMP - FTIO31 FMMI / FTMA31 FIMP
FIMR - FTIO39 FMMI / FTMA31 FIMP
FJDG - FTIO39 FMMI
FMCH - FTIO39 FMMI / FTIC31 FMCH
FMCZ - FTRE31 FMEE
FMEE - FTRE31 FMEE / FTIO31 FMMI
FMMI - FTIO31 FMMI / FTIO39 FMMI / FTMG31 FMMI
FMMT - FTIO39 FMMI
FSIA - FTIO39 FMMI
VRMM - FTIN32 VABB / FTMV31 VRMM
VYMD - FTAE32 VTBB
VYYY - FTAE32 VTBB
WBGG - FTSR33 WSSS
WBKK - FTSR33 WSSS
WBSB - FTSR33 WSSS

SiteID New Replaces FTNT31 KWBC
BGGH - FTGL31 BGGH
BGSF - FTGL31 BGGH
BGTL - FTGL32 BGGH
BIAR - FTIL31 BICC
BIEG - FTIL31 BICC
BIKF - FTIL31 BICC
BIRK - FTIL31 BICC
GVAC - FTCV20 GVAC
LPBJ - FTPO35 LPMG
LPLA - FTPO36 LPMG
TXKF - FTBE31 TXKF

SiteID New Replaces FTNZ31 KWBC
NZAA - FTNZ31 NZKL
NZCH - FTNZ31 NZKL
NZWN - FTNZ31 NZKL

SiteID New Replaces FTPA32 KWBC
NCRG - FTSP31 NFFN / FTFJ31 NFFN
NFFN - FTFJ31 NFFN / FTKB31 NFFN
NFNA - FTSP31 NFFN / FTFJ31 NFFN
NFTF - FTSP31 NFFN / FTFJ31 NFFN
NFTV - FTSP31 NFFN / FTFJ31 NFFN
NGFU - FTTV31 NFFN
NGTA - FTSP31 NFFN
NIUE - FTFJ31 NIUE / FTSP31 NFFN
NLWW - FTNC20 NWCC
NSFA - FTSP31 NFFN / FTFJ31 NFFN
NSTU - FTUS25 KWBC
NTAA - FTFP21 NTAA
NVVV - FTNV01 NVVV / FTSP31 NFFN

NWWW - FTNC20 NWCC
SiteID New Replaces FTRA31 KWBC

UAAA - FTKZ31 UUUJ
UACC - FTKZ31 UUUJ
UATE - FTKZ31 UUUJ
UATG - FTKZ31 UUUJ
UATT - FTKZ31 UUUJ
UBBB - FTAJ31 UBBB
UBBG - FTAJ31 UBBB
UHHH - FTRA32 UUUJ
UIAA - FTRA33 UUUJ
UIBB - FTRA33 UUUJ
UIII - FTRA33 UUUJ
UIUU - FTRA33 UUUJ
ULAA - FTRS36 UUUJ
UMGG - FTBY31 UMMN
UMMS - FTBY31 UMMN
UNAA - FTRA34 UUUJ
UNNT - FTRA34 UUUJ
USNN - FTRA36 UUUJ
UTAA - FTTR31 UTAA
UTAK - FTTR31 UTAA
UTAT - FTTR31 UTAA
UTAV - FTTR31 UTAA
UTDD - FTTA31 UUUJ
UTDL - FTTA31 UUUJ
UTNN - FTUZ31 UTTW
UTNU - FTUZ31 UTTW
UTSA - FTUZ31 UTTW
UTSB - FTUZ31 UTTW
UTSS - FTUZ31 UTTW
UTST - FTUZ31 UTTW
UTTT - FTUZ31 UTTW
UTTW - FTUZ31 UTTW
UUEE - FTRS33 UUUJ

SiteID New Replaces SAAK31 KWBC

PABR - SAUS25 KWBC
PACD - SAUS25 KWBC
PACX - SAUS25 KWBC
PAED - SAXN17 KAWN
PAEI - SAXN17 KAWN
PAEN - SAUS25 KWBC
PAFA - SAUS25 KWBC
PAFR - SAXN17 KAWN
PAFS - SAUS25 KWBC
PAJN - SAUS25 KWBC
PAKN - SAUS25 KWBC
PAKT - SAUS25 KWBC
PANC - SAUS25 KWBC
PAOM - SAUS25 KWBC

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PAOR - SAUS25 KWBC
PAOT - SAUS25 KWBC
PARY - SAUS25 KWBC
PASC - SAUS25 KWBC
PASI - SAUS25 KWBC
PATQ - SAUS25 KWBC
PAVD - SAUS25 KWBC
PAWG - SAUS25 KWBC
PFYU - SAUS25 KWBC

SiteID New Replaces SAAK32 KWBC

PABA - SAUS25 KWBC
PABI - SAUS25 KWBC
PACZ - SAXN17 KAWN
PADK - SAUS25 KWBC
PADL - SAUS25 KWBC
PADQ - SAUS25 KWBC
PAEH - SAXN17 KAWN
PAFB - SAUS25 KWBC
PAGA - SAUS25 KWBC
PAIM - SAXN17 KAWN
PALU - SAXN17 KAWN
PASV - SAXN17 KAWN
PASY - SAXN17 KAWN
PATC - SAXN17 KAWN
PATL - SAXN17 KAWN

SiteID New Replaces SAAF32 KWBC

FCBB - SAAM31 FCBB
FCPP - SAAM31 FCBB
FEFT - SAAM31 FCBB
FGBT - SAAM31 FCBB
FGSL - SAGQ20 FGSL
FHAW - SAAO31 GOOY
FKKD - SAAM31 FCBB
FKKL - SAAM31 FCBB
FKKN - SAAM31 FCBB
FKKR - SAAM31 FCBB
FMNM - SAIO31 FMMI
FOOG - SAAM36 FCBB
FOOL - SAAM36 FCBB
FOON - SAAM36 FCBB
FPST - SAAM36 FCBB
FTTJ - SAAO24 DRRN

SiteID New Replaces SABZ31 KWBC

SBBE - SABZ20 SBBE / SAXX99 SBBR
SBBR - SAXX99 SBBR
SBBV - SAXX99 SBBR
SBCF - SAXX99 SBBR

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SBCG - SAXX99 SBBR
SBEG - SAXX99 SBBR
SBFI - SAXX99 SBBR
SBFZ - SAXX99 SBBR
SBGL - SAXX99 SBBR
SBGR - SAXX99 SBBR
SBKP - SAXX99 SBBR
SBNT - SABZ11 SBBR
SBPA - SAXX99 SBBR
SBPS - SAXX99 SBBR
SBRF - SAXX99 SBBR
SBSG - SAXX99 SBBR
SBSL - SAXX99 SBBR
SBSN - SAXX99 SBBR
SBSV - SAXX99 SBBR
SBTT - SAXX99 SBBR

SiteID New Replaces SACA32 KWBC

MDLR - SADR31 MDSD
MDPC - SADR31 MDSD
MDPP - SADR31 MDSD
MDSD - SADR31 MDSD
MDST - SADR31 MDSD
MTPP - SAHA31 MTPP
TAPA - SAAT31 TAPA
TIST - SAUS23 KWBC
TISX - SAUS23 KWBC
TJBQ - SAUS23 KWBC
TJPS - SAUS23 KWBC
TJSJ - SAUS23 KWBC
TKPK - SAAT31 TKPK
TKPN - SAAT31 TKPN
TQPF - SAAT31 TQPF
TUPJ - SAZZ40 KAWN

SiteID New Replaces SACN31 KWBC

CYBG - SACN31 CWAQ
CYDQ - SACN42 CWAQ
CYEG - SACN31 CWAQ
CYFB - SACN31 CWAQ
CYFC - SACN31 CWAQ
CYFT - SACN47 CWAQ
CYGL - SACN31 CWAQ
CYHZ - SACN31 CWAQ
CYJT - SACN31 CWAQ
CYKL - SACN46 CWAQ
CYMH - SACN48 CWAQ
CYMX - SACN31 CWAQ
CYOW - SACN31 CWAQ
CYPL - SACN46 CWAQ

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CYQB - SACN31 CWA0
CYQG - SACN31 CWA0
CYQM - SACN31 CWA0
CYQQ - SACN31 CWA0
CYQX - SACN31 CWA0
CYQY - SACN31 CWA0
CYRB - SACN46 CWA0
CYSJ - SACN49 CWA0
CYTE - SACN45 CWA0
CYTL - SACN47 CWA0
CYTR - SACN31 CWA0
CYUL - SACN31 CWA0
CYUY - SACN48 CWA0
CYVP - SACN47 CWA0
CYVR - SACN31 CWA0
CYWG - SACN31 CWA0
CYWK - SACN48 CWA0
CYXU - SACN46 CWA0
CYXX - SACN31 CWA0
CYXY - SACN41 CWA0
CYYC - SACN31 CWA0
CYYJ - SACN31 CWA0
CYYQ - SACN31 CWA0
CYYR - SACN31 CWA0
CYYT - SACN31 CWA0
CYYZ - SACN31 CWA0
CYZF - SACN31 CWA0
CYZV - SACN31 CWA0
CYZX - SACN31 CWA0
CZYZ - SACN41 CWA0
CZBF - SACN51 CWA0

SiteID New Replaces SAIO31 KWBC

FIMP - SAMA20 FIMP
FIMR - SAMA21 FIMP
FJDG - SAZZ40 KAWN
FSIA - SASC20 FSIA
VRMM - SAMV31 VRMM
VYYY - SAAE32 VTBB

SiteID New Replaces SAMX31 KWBC

MMAA - SAMX41 MMMX
MMCZ - SAMX44 MMMD
MMGL - SAMX42 MMGL
MMMD - SAMX44 MMMD
MMMX - SAMX41 MMMX
MMMY - SAMX45 MMY
MMMZ - SAMX43 MMMZ
MMPR - SAMX42 MMGL
MMTM - SAMX51 MMMX
MMTP - SAMX44 MMMD

MMUN - SAMX44 MMMD
MMVR - SAMX41 MMMX
MNMG - SACA31 XXCA / SANK31 MNMG

SiteID New Replaces SANZ31 KWBC
NZAA - SANZ31 NZKL
NZCH - SANZ31 NZKL
NZWN - SANZ31 NZKL

SiteID New Replaces SARA31 KWBC
UAAA - SAKZ32 UUUJ
UACC - SAKZ32 UUUJ
UAOO - SAKZ31 UUUJ
UARR - SAKZ31 UUUJ
UATE - SAKZ32 UUUJ
UATG - SAKZ32 UUUJ
UATT - SAKZ32 UUUJ
UBBB - SAAJ31 UBBB
UBBG - SAAJ31 UBBB
UBEE - SAAJ31 UBBB
UHMD - SARA32 UUUJ
UIAA - SARA33 UUUJ
UIBB - SARA33 UUUJ
UIII - SARA33 UUUJ
UIUU - SARA33 UUUJ
ULAA - SARS36 UUUJ
UMGG - SABY31 UMMN
UMMS - SABY31 UMMN
UNAA - SARA34 UUUJ
UNNT - SARA34 UUUJ
USNN - SARA36 UUUJ
UTAA - SATR31 UTAA
UTAK - SATR31 UTAA
UTAT - SATR31 UTAA
UTAV - SATR31 UTAA
UTDD - SATA31 UUUJ
UTDL - SATA31 UUUJ
UTNN - SAUZ31 UTTW
UTNU - SAUZ31 UTTW
UTSA - SAUZ31 UTTW
UTSB - SAUZ31 UTTW
UTSK - SAUZ31 UTTW
UTSS - SAUZ31 UTTW
UTST - SAUZ31 UTTW
UTTT - SAUZ31 UTTW
UUEE - SARS33 UUUJ

SiteID New Replaces SPAF32 KWBC
FZAA - SPZZ40 KAWN

SiteID New Replaces SPCA32 KWBC
TAPA - SPZZ40 KAWN
TJBQ - SPUS23 KWBCN
TJNR - SPZZ40 KAWN

SiteID New Replaces SPCN31 KWBC
CYEG - SPCN31 CWAQ
CYFB - SPCN31 CWAQ
CYFC - SPCN31 CWAQ
CYFT - SPCN47 CWAQ
CYHZ - SPCN31 CWAQ
CYJT - SPCN31 CWAQ
CYKL - SPCN46 CWAQ
CYMH - SPCN48 CWAQ
CYMX - SPCN31 CWAQ
CYPL - SPCN46 CWAQ
CYQG - SPCN31 CWAQ
CYQM - SPCN31 CWAQ
CYQX - SPCN31 CWAQ
CYQY - SPCN31 CWAQ
CYRB - SPCN46 CWAQ
CYSJ - SPCN49 CWAQ
CYTE - SPCN45 CWAQ
CYTL - SPCN47 CWAQ
CYUL - SPCN31 CWAQ
CYUY - SPCN48 CWAQ
CYVP - SPCN47 CWAQ
CYVR - SPCN31 CWAQ
CYWK - SPCN48 CWAQ
CYXU - SPCN46 CWAQ
CYYC - SPCN31 CWAQ
CYYQ - SPCN31 CWAQ
CYYR - SPCN31 CWAQ
CYYT - SPCN31 CWAQ
CYYZ - SPCN31 CWAQ
CYZF - SPCN31 CWAQ
CYZV - SPCN31 CWAQ

END
