



International Civil Aviation Organisation

**The Third Meeting of the Asia/Pacific Flight Plan and ATS Messages
Implementation Task Force (FPL&AM/TF/3)**

Bangkok, Thailand, 23 to 24 August 2010

Agenda Item 4: Aspects of implementation in Asia/Pacific Region

**ASIA/PACIFIC REGIONAL GUIDANCE MATERIAL
CONVERSION FROM NEW FORMAT TO PRESENT FORMAT**

(Presented by New Zealand)

SUMMARY

This paper outlines European differences in the conversion of NEW to PRESENT for Field 10 and Field 18 data for consideration by the meeting.

1. INTRODUCTION

- 1.1 Regional Guidance Material for the Implementation of Amendment 1 to the 15th Edition of the PANS-ATM Doc 4444 was developed at the second meeting of Asia/Pacific ICAO Flight Plan & ATS Messages Implementation Task Force (FPL&AM TF/2).

Eurocontrol's "CFMU Interface Manual for ICAO 2012" includes a Table for the translation of NEW to PRESENT for Field 10 and Field 18 information.

2. DISCUSSION

- 2.1 There are 7 general areas where differences occur between the Asia/Pacific and Eurocontrol conversions:

- Conversion of the NEW Field 10a elements E, J, M, R includes the NEW descriptor in the Field 18 COM/NAV/DAT expansions e.g. E1 is translated in Field 18 as COM/FMC WPR ACARS E1
- Addition of the RNAV specification to all PBN/A, PBN/B, PBN/D descriptions
- Addition of 'Z' in the Field 10a conversion for all PBN/O groups
- Different conversion of Field 10a for all the PBN/S, PBN/T groups
- Conversion of the NEW Field 10b elements E, H, L, D1, G1 includes the NEW descriptor in the Field 18 COM expansions e.g. D1 is translated in Field 18 as COM/D1
- Addition of 'D' in the Field 10b conversion for all E, B, U, V groups

- Some Field 18 STS/ indicators are converted to RMK/ plus DLE/ and ORGN/ are not converted.

2.2 A comparison of the Asia/Pacific and Eurocontrol differences is tabled in **Appendix A**.

3 ACTION BY THE MEETING

3.1 The meeting is invited to review the Asia/Pacific Conversion Table with respect to the Eurocontrol differences and update as required.

—END—

'NEW' Data Content		ASIA/PACIFIC Conversion to 'OLD'		CFMU Interface Manual Conversion to "OLD"	
Item 10a	Item 18	Item 10a	Item 18	Item 10a	Item 18
E1		Z	COM/FMC WPR ACARS	Z	COM/FMC WPR ACARS E1
E2		Z	COM/DFIS ACARS	Z	COM/DFIS ACARS E2
E3		Z	COM/PDC ACARS	Z	COM/PDC ACARS E3
J1		J	DAT/V	J	DAT/V COM/J1
J2		J	DAT/H	J	DAT/H COM/J2
J3		J	DAT/V	J	DAT/V COM/J3
J4		J	DAT/V	J	DAT/V COM/J4
J5		J	DAT/S	J	DAT/S COM/J5
J6		J	DAT/S	J	DAT/S COM/J6
J7		J	DAT/S	J	DAT/S COM/J7
M1		Z	COM/INMARSAT	Z	COM/INMARSAT M1
M2		Z	COM/MTSAT	Z	COM/MTSAT M2
M3		Z	COM/IRIDIUM	Z	COM/IRIDIUM M3
R	PBN/A1	RZ	NAV/RNP10	RZ	NAV/ RNAV10 RNP10 A1
R	PBN/B1	R		R	NAV/RNAV5 B1
R	PBN/B2	R		R	NAV/RNAV5 B2
R	PBN/B3	R		R	NAV/RNAV5 B3
R	PBN/B4	R		R	NAV/RNAV5 B4
R	PBN/B5	R		R	NAV/RNAV5 B5
R	PBN/B6	R		R	NAV/RNAV5 B6
R	PBN/C1	RZ	NAV/RNAV2	RZ	NAV/RNAV2 C1
R	PBN/C2	RZ	NAV/RNAV2	RZ	NAV/RNAV2 C2
R	PBN/C3	RZ	NAV/RNAV2	RZ	NAV/RNAV2 C3
R	PBN/C4	RZ	NAV/RNAV2	RZ	NAV/RNAV2 C4
R	PBN/D1	PR		PR	NAV/RNAV1 D1
R	PBN/D2	PR		PR	NAV/RNAV1 D2
R	PBN/D3	PR		PR	NAV/RNAV1 D3

APPENDIX A

'NEW' Data Content		ASIA/PACIFIC Conversion to 'OLD'		CFMU Interface Manual Conversion to "OLD"	
Item 10a	Item 18	Item 10a	Item 18	Item 10a	Item 18
R	PBN/D4	PR		PR	NAV/RNAV1 D4
R	PBN/L1	RZ	NAV/RNP4	RZ	NAV/RNP4 L1
R	PBN/O1	PR	NAV/RNP1	PRZ	NAV/RNP1 O1
R	PBN/O2	PR	NAV/RNP1	PRZ	NAV/RNP1 O2
R	PBN/O3	PR	NAV/RNP1	PRZ	NAV/RNP1 O3
R	PBN/O4	PR	NAV/RNP1	PRZ	NAV/RNP1 O4
R	PBN/S1	RZ	NAV/RNP APCH	GZ	NAV/RNP APRCH S1
R	PBN/S2	RZ	NAV/RNP APCH BARO VNAV	GZ	NAV/RNP APRCH BARO VNAV S2
R	PBN/T1	RZ	NAV/AR APCH RF	GZ	NAV/ RNP AR APRCH RF T1
R	PBN/T2	RZ	NAV/AR APCH	GZ	NAV/ RNP AR APRCH T2

'NEW' Data Content		ASIA/PACIFIC Converts to following 'PRESENT' Data Content		CFMU Interface Manual Conversion to 'OLD'	
Item 10b	Item 18	Item 10b	Item 18	Item 10b	Item 18
E		S		SD	COM/E
H		S		S	COM/H
L		SD		SD	COM/L
B1			COM/B1	D	COM/B1
B2			COM/B2	D	COM/B2
U1			COM/U1	D	COM/U1
U2			COM/U2	D	COM/U2
V1			COM/V1	D	COM/V1
V2			COM/V2	D	COM/V2
D1		D		D	COM/D1
G1		D		D	COM/G1

'NEW' Data Content	Asia/Pacific Conversion to 'PRESENT'	CFMU Interface Manual – to be output when 'OLD' required
Item 18	Item 18	Item 18
STS/	STS/copy text over <ul style="list-style-type: none"> Except change "ATFMX" to "ATFMEXEMPTAPPROVED" 	RMK/ALTRV STS/ATFMEXEMPTAPPROVED RMK/FFR RMK/FLTCK RMK/HAZMAT STS/HEAD STS/HOSP STS/HUM RMK/MARSA RMK/MEDEVAC STS/NONRVSM STS/SAR STS/STATE
DLE/	RMK/DLE <text after DLE/>	Not output.
ORGN/	RMK/ORGN	Not output.