



*International Civil Aviation Organization*

**The Fifth Meeting of the Asia/Pacific ICAO Flight Plan and ATS Messages  
Implementation Task Force (FPL&AM/TF/5)**

Manila, Philippines, 8 - 9 November 2011

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**Agenda Item 4: Asia/Pacific implementation strategies and aspects**

**Conversion into DAT**

(Presented by Australia)

**SUMMARY**

This paper proposes methodology for conversion of the NEW Flight Plan DAT indicator in Field 18, to PRESENT flight plans

**1. INTRODUCTION**

- 1.1 It is Australia's intention to convert flight plans from NEW format to PRESENT format during the Phase 3 transition period in accordance with the conversion tables detailed in Asia/Pacific Guidance Material for Implementation of Amendment 1 of the 15<sup>th</sup> Edition PANS ATM – Doc 4444 – Version 3 (3 June 2011).
- 1.2 Within the guidance material there are several areas open to interpretation requiring clarification. This paper deals with one such area i.e. the conversion of the DAT/ indicator in Field 18 of the flight plan.
- 1.3 The purpose of this paper is to communicate to States and other Stakeholders the issue of interpretation relating to the APAC Guidance Material in relation to DAT/. It is anticipated that this will be the catalyst to standardise the conversion interpretation of DAT/ in the region.

**2. DISCUSSION**

- 2.1 Table 6-1 (Conversion of Field 10a) of the APAC guidance material includes several entries where Field 10a conversions result in DAT/ and COM/ elements in Field 18 of the converted flight plan:

'NEW' Data Content		Conversion to 'PRESENT' Data Content	
Field 10a	Item 18	Field 10a	Item 18
J1		J	DAT/V COM/J1
J2		J	DAT/H COM/J2
J3		J	DAT/V COM/J3
J4		J	DAT/V COM/J4
J5		J	DAT/S COM/J5
J6		J	DAT/S COM/J6
J7		J	DAT/S COM/J7

2.2 Table 6-3 (Conversion of Item 18) of the guidance material provides the requirements pertaining to converting DAT/ elements to COM/ elements:

'NEW' Data Content	Conversion to 'PRESENT' Data Content
Item 18	Item 18
DAT/	COM/
All other indicators copy over directly, with additions to NAV/, COM/, and DAT/ as specified in Tables 6-1 and 6-2 above.	

*(Note Table 6-2 is for Conversion of Field 10b and is not relevant to this paper)*

**Interpretation**

Australia has interpreted this to mean that flight plan conversion of DAT/ occurs as follows:

- I. Any existing DAT/ entries in the NEW format flight plan (submitted for conversion) are transferred to the COM/ indicator in Field 18 of the converted PRESENT flight plan (or message) - prior to conversion of the 10a equipment qualifiers; then
- II. Any equipment qualifiers in Field 10a requiring conversion to DAT/ in accordance with the conversion table 6.1 (i.e. J1-J7) are to be entered into the DAT/ indicator of the converted PRESENT flight plan (or message) in accordance with table 6.1.

Note:

- a. After conversion it is possible that there will be duplicate entries in DAT/ and COM/
- b. Australia will populate the DAT/ indicator with entries not separated by spaces, as received in present flight plans.

2.3 Australia seeks to add this interpretation into the Asia/Pacific Guidance Material.

**Examples of Interpretation**

**NEW**

(FPL-UAE407-IS  
-B77W/H-SDFGIJ1RXWYZ/SB1  
-NZAA0550  
-M081F300 DCT PEBLU DCT UNTET L513 COOPS L508 MILLA DCT WAREN DCT ML  
-YMML0342 YSSY  
-PBN/D1B2L1A1 NAV/RNVD1E2A1 **DAT/SV** DOF/110704 REG/A6ECT EET/NZZO0031  
UNTET0117 YBBB0122 TUBBY0137 COOPS0155 YMMM0247 SEL/APEJ RALT/NZAA  
YSSY RMK/ADSB TCAS 7.0 HAR NRP)

**PRESENT**

(FPL-UAE407-IS  
-B77W/H-SDGIJPRWXYZ/SD  
-NZAA0550  
-M081F300 DCT PEBLU DCT UNTET L513 COOPS L508 MILLA DCT WAREN DCT ML  
-YMML0342 YSSY  
-EET/NZZO0031 UNTET0117 YBBB0122 TUBBY0137 COOPS0155 YMMM0247  
REG/A6ECT SEL/APEJ **COM/SV J1 B1 DAT/V** NAV/RNVD1E2A1 RNAV10 RNAV5 RNAV1  
RNP10 RNP4 A1B2D1L1 DOF/110704 RALT/NZAA YSSY RMK/ADSB TCAS 7.0 HAR  
NRP)

**NEW**

(FPL-UAE407-IS  
-B77W/H-SDFGIJ1J2RXWYZ/SB1  
-NZAA0550  
-M081F300 DCT PEBLU DCT UNTET L513 COOPS L508 MILLA DCT WAREN DCT ML  
-YMML0342 YSSY  
-PBN/D1B2L1A1 NAV/RNVD1E2A1 **DAT/SV** DOF/110714 REG/A6ECT EET/NZZO0031  
UNTET0117 YBBB0122 TUBBY0137 COOPS0155 YMMM0247 SEL/APEJ RALT/NZAA  
YSSY RMK/ADSB TCAS 7.0 HAR NRP)

**PRESENT**

(FPL-UAE407-IS  
-B77W/H-SDGIJPRWXYZ/SD  
-NZAA0550  
-M081F300 DCT PEBLU DCT UNTET L513 COOPS L508 MILLA DCT WAREN DCT ML  
-YMML0342 YSSY  
-EET/NZZO0031 UNTET0117 YBBB0122 TUBBY0137 COOPS0155 YMMM0247 REG/A6ECT  
SEL/APEJ **COM/SV J1 J2 B1 DAT/VH** NAV/RNVD1E2A1 RNAV10 RNP10 A1 RNAV5 B2 RNAV1 D1  
RNP4 L1 DOF/110714 RALT/NZAA YSSY RMK/ADSB TCAS 7.0 HAR NRP)

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to

- a) Note the information provided, and
- b) Identify any inconsistent interpretations for the conversion of NEW format messages to PRESENT format messages in relation to Field 18 DAT/.
- c) Endorse or reject the proposal at 2.3

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