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# **Title: Corrigendum to Version 2.1.4 of the ITSO Specification**

Specification Part(s) affected by this note: TS 1000-6 (Version 2.1.4)

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## Change Control Details

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## ITSO

### Corrigendum 5 to Version 2.1.4

This Corrigendum notice identifies the corrections to the Parts as noted below:

Corrected Versions of the Specification may be identified by the indicator COR 5 which can be found on the title page under the ISBN Number. The last modified date in the footer of the front page will be 17<sup>th</sup> February 2011 (2011-02-17) in Part 6.

#### Reason for the Corrigendum:

*During the implementation of Version 2.1.4 Technical Notes a new version of POST Configuration Data was defined. It was intended that the previous version should continue to be used only to service interoperability and backward compatibility. However some changes were inadvertently applied to the earlier version making it less easy to service the backwards compatibility with POSTs operating to previous versions of the Specification. In order to resolve these issues and to clarify when to use each revision, it is therefore necessary to make to following corrections to the Specification:*

#### Part 6:

*New or changed text is shown in blue. Text shown in italics is for location and instruction purposes only. Deletions where shown are in red with double strikethrough.*

*In **Clause 6.7** make the following additions to the text to highlight that this ListFormatRevision is to be used for backward compatibility only:*

#### **6.7 Parameter table definitions, ListFormatRevision = 1**

Note: ListFormatRevision 1 is provided for backwards compatibility only, new implementations shall not use it. POSTs implemented to this Version of the Specification shall use ListFormatRevision = 2.



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In **Clause 6.7.1 Peak Times, Code 0A02, Table 101**, remove the new value defined in V2.1.4. (since a V2.1.3 POST will not recognise it):

**Table 101 - DayType Definition**

HEX Code	Day type definition
0	Not used
1	Monday to Friday inclusive
2	Saturday
3	Sunday
4	Saturday+Sunday
5	Bank Holiday
6	Routine abnormal day, Market day for example (A 'special day')
<del>7</del>	<del>All day types, i.e. Monday to Sunday inclusive, and bank holidays and routine abnormal days.</del>
<del>8</del> 7 – FF	Reserved for future use.



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In **Clause 6.7.9 Sale Price Table, Codes 0A0A, 0B0A, Table 110**, remove new text (intended for LitstFormatRevision 2):

**Table 110 - Sale Price Table, Codes 0A0A, 0B0A**

ITSO name	Format	Size (bytes)	Comment
0A0A_ListFormatRevision	HEX	1	For list items formatted according to this definition a value of one (1) shall be assigned to this element
0A0A_StartDateTime	BCDN	6	The date and time upon which the validity of this list item commences, formatted as YYYYMMDDHHII
0A0A_EndDateTime	BCDN	6	The date and time upon which the validity of this list item ceases, formatted as YYYYMMDDHHII
0A0A_IIN	IIN	3	
0A0A_OID	OID16	2	
0A0A_TYP	TYP	1	
0A0A_PTYP	PTYP	1	
0A0A_RFU	RFU	1	Reserved for future use by ITSO
0A0A_Class	HEX	1	
0A0A_PromotionCode	HEX	1	
0A0A_EntitlementCode	HEX	1	
0A0A_ConcessionaryClass	HEX	1	
0A0A_DiscountPercentage	HEX	2	Percentage by which fare is discounted, expressed to 2 decimal places. This element may be used when EntitlementCode contains code 3, proportional fare. Values in the range 0 to 9999 (decimal, equivalent to 0x270F hexadecimal) shall be stored as a HEX number, and interpreted such that a value of 1 shall be interpreted to mean 0.01% and a value of 9999 (decimal) shall be interpreted to mean 99.99%.
0A0A_Price	VALI	2	
0A0A_PriceCurrencyCode	VALC	1	
0A0A_ValidityPeriodDays	HEX	2	Count of days. <del>defining the period for which the data in this message is valid. This data element shall be set to a value of 0xFFFF. It is recommended that POSTs interpret this value as indicating that the message data is valid until EndDateTime.</del>



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ITSO name	Format	Size (bytes)	Comment
0A0A_ParameterList	UD	Variable	

A value of FF hex in any of the TYP or PTYP elements, or a value of FFFF hex in the OID element, shall denote a wildcard.



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In **Clause 6.7.12 ISAM Management File Parameters, Codes 0A0D, 0B0D**, Table 112a1, reinstate V2.1.3 codes:

**Table 112a1– ISAM Management File Parameters File Use Codes**

Code	File Use
0	<del>RFU</del> Combined Hotlist and Actionlist file allocation
1	<del>RFU</del> Hotlist file allocation
2	<del>RFU</del> Actionlist file allocation
3	Statistics of the ISAM file referenced by the 0A0D_Identifier Data Element.  The use of this code is OPTIONAL where an AMS HOPS wishes to inform the POST of the sizes of ISAM Acceptance and Capability tables
4-255	RFU

In **Clause 6.8.11 IPE Parameter Tables, Codes 0A0C, 0B0C, ListFormatRevision = 2**, Table 112-2, correct the embodiment list format:

**Table 112-2 - IPE Parameter Tables, Codes 0A0C, 0B0C, ListFormatRevision = 2.**

Name	Format	Size	Comment
0A0C_ListFormatRevision	HEX	1	For list items formatted according to this definition a value of two (2) shall be assigned to this element
0A0C_IndexNumber	HEX	2	The IndexNumber shall be assigned by the First Line HOPS that collates the PCD. This number shall be unique in every row of a particular Parameter table but not necessarily contiguous or sequential within that table.
0A0C_StartDateTime	BCDN	6	The date and time upon which the validity of this list item commences, formatted as YYYYMMDDHHII
0A0C_EndDateTime	BCDN	6	The date and time upon which the validity of this list item ceases, formatted as YYYYMMDDHHII



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Name	Format	Size	Comment
0A0C_Length	HEX	2	Combined Length of the 0A0C_IPE_EmbodimentParameterList and 0A0C_Length elements
0A0C_IPE_EmbodimentParameterList	<del>HEX</del> EmbodimentList	Variable	The Target IPE Embodiment Parameter List as defined herein



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**In Clause 6.8.12 ISAM Management File Parameters, Codes 0A0D, 0B0D, ListFormatRevision = 2, Table 112a1-2, remove obsolete File Use codes:**

**Table 112a1-2 – ISAM Management File Parameters File Use Codes**

Code	File Use
0	<del>Combined Hotlist and Actionlist file allocation</del> RFU
1	<del>Hotlist file allocation</del> RFU
2	<del>Actionlist file allocation</del> RFU
3	Statistics of the ISAM file referenced by the 0A0D_Identifier Data Element.  The use of this code is OPTIONAL where an AMS HOPS wishes to inform the POST of the sizes of ISAM Acceptance and Capability tables
4-255	RFU

~ End of Corrigendum ~