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Reference number of document: **ITSO/COR 2.1.4-2**

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

Specification Part(s) affected by this note: TS 1000- 5 & 6 (Version 2.1.4)

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## Change Control Details

Version	Date	Comment
1	21/07/2010	Initial Publication
2	27/07/2010	Missed change to "ASCII" in Table 2.140 included for Data element "Name"

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Page 1 of 14

[ITSO\\_COR\\_2\\_1\\_4\\_-2\\_20100727\\_V2\\_1\\_4\\_Part\\_5\\_6](#)



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## ITSO

### Corrigendum 2 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 2 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 21<sup>st</sup> July 2010 (2010-07-21) in Part 5 and 27<sup>th</sup> July 2010 (2010-07-27) in Part 6.

#### Reason for the Corrigendum:

*A number of small errors have come to light in the implementation of some of the TYP 24 data elements in the IPE itself (one) and in the 0207/8 messages.*

*In addition duplicate table numbers have been used in error in Part 6.*

*The notes related to Match Event messages after Table 7 in Part 6 are not clear.*

*To resolve these issues it is therefore necessary to make to following corrections to the Specification:*

#### Part 5:

*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 2.11.1.1** amend the following data element in Table 136 as follows:*

Name	0	<del>UD</del> ASCII	20	Name	PaxDetail	Passenger's name
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#### Part 6:

1. *There are some fields which are specified as "ASCII" in Part 5, but "UD" in the messaging Part 6 and should therefore be shown as "ASCII" in Part 6.*

- *BookingReference*
- *LegServiceId*
- *Coach*
- *SeatNumber*
- *AccommodationAttribute*

*"UD" fields are to be corrected to "ASCII" (all instances of the above data elements in Part 6, Table 5.48f and 5.48g)*



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2. This one field that is present in Part 5 but missing from Part 6:

- *ExtendedValidityPeriod*

*The “ExtendedValidityPeriod” data element needs to be added to Part 6 (both in the embodiment – new element number 62 and increment all the following data elements by one - and in the 0207/8 message – table 5.48)*

3. The “Name” field is specified as UD (in both Parts 5 and 6) – and should be ASCII.

*The “Name” data element to be corrected to ASCII (Part 5 – table 136 and Part 6 Table 5.48d and Table 2.140)*

4. Clause 4.4.40 of 2.1.4 introduced new tables 78 & 79 to Part 6. However there were existing tables 78 & 79 elsewhere in the document, therefore the tables in Clause 4.4.40 are renumbered.

5. Match event messages are sent from POSTs to HOPS when either a Hotlist or Actionlist match occurs.

*The notes following Table 7, in clause 4.3, were amended in v2.1.4 in an effort to clarify the requirement. The notes deal with the destinations messages are sent to. The amendments introduced a requirement to send IPE related Actionlist match event messages to Shell Owners. This requirement did not exist before, and is not considered desirable, nor was this the intention. Shell Owners are unlikely to have any interest in Actionlist amendments to IPEs. In any case if an actionlist match event results in IPE creation or a change to an IPE then the Shell owner will be advised of these changes via the appropriate POST-HOPS message intended for this purpose. The amendment also inadvertently removed the statement about using the ActionListOriginator as a destination for the 0312 message. These notes are amended to resolve these issues.*

In more detail:

*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.*

Amend **Clause 4.3** after Table 7 as follows (relating to the 0311 and 0312 messages):

Note regarding Message code 0311 **Hotlist match event record** and Message code 0312 **Actionlist match event record**. These messages shall always be sent to the POST owner.

0311 messages shall ~~and~~ also be sent to the IPE and Shell owners if applicable to an IPE, or sent to the Shell owner if applicable to a Shell. When transmitted to the IPE or Shell owner, the contents of the Hotlist data group HotItemOriginator data element shall be used as ~~a~~one of the destinations.

0312 messages shall also be sent to the IPE owner if applicable to an IPE, or sent to the Shell owner if applicable to a Shell. When transmitted to the IPE or Shell owner, the contents of the Actionlist data group ActionListOriginator data element shall be used as one of the destinations.

In **Clause 4.4.40** amend the following Table numbers as follows:

**Table ~~79~~ 77a** - Shell or IPE blocking event not arising as an outcome of a Hotlist match event, code 0315 – RecordFormatRevision = 2.

And...

**Table ~~79~~ 77b** - 0315Customer Media Disposition Code List – RecordFormatRevision = 2.

In **Clause 4.7.26.6** amend the following Tables as follows:

**Table 5.48 - TYP 24 Transfers Segment (included n times only if the value (n) of NumbersOfTransferTypes is not equal to 0) – RecordFormatRevision = 5**

Name	Source	Format	Size	Comment
TransferEntitlementType	Transfers	HEX	1	
NumberOfTransfers	Transfers	HEX	2	A 1.125 byte value, occupying bits 0 to 8, bits 9 to 15 shall be set to 0.
RFU	Transfers	RFU	2	
ExtendedValidityPeriod	Transfers	HEX	1	A 0.75 byte value, occupying bits 0 to 5, bits 6 to 7 shall be set to 0.

**Table 5.48d - TYP 24 PaxDetail Segment (included only if bit 1 of IPEBitMap is set.) – RecordFormatRevision = 5**

Name	Source	Format	Size	Comment
Name	PaxDetail	<del>UD</del> ASCII	20	
Gender	PaxDetail	BMP	1	A 0.25 byte value, occupying bits 0 to 1, bits 2 to 7 shall be set to 0.
RFU	PaxDetail	RFU	1	

**Table 5.48f - TYP24 Value Group Extension – RecordFormatRevision = 5**

VGXLength	VX	HEX	1	A 0.75 byte value, occupying bits 0 to 5, bits 6 to 7 shall be set to 0.
VGXRef (Bit9; Bit8)	VX	BMP	1	A 0.25 byte value, occupying bits 0 to 1, bits 2 to 7 shall be set to 0. This element shall be included in the message only if MessageBitMap/0 = 1.
VGXRef (Bit7 – Bit0)	VX	HEX	1	This element shall be included in the message only if MessageBitMap/0 = 1.
DTSOfLastValidation	VX	DTS	3	
LocationOfLastValidation	VX	LOC1	Variable Maximum 17	
BookingReference	VX	UD ASCII	8	

**Table 5.48g - TYP 24Value Group VO Segment (included n times only if the value (n) of NumberOfReservations is not equal to 0) – RecordFormatRevision = 5**

Name	Source	Format	Size	Comment
LegDepartureDateTime	VXO	DTS	3	
LegServiceId	VXO	UD ASCII	6	
LegOrigin	VXO	LOC1	Variable Maximum 17	
LegDestination	VXO	LOC1	Variable Maximum 17	
Coach	VXO	UD ASCII	2	
SeatNumber	VXO	UD ASCII	3	
AccommodationAttribute	VXO	UD ASCII	4	

Name	Source	Format	Size	Comment
SeatDirection	VXO	BMP	1	A 0.25 byte value, occupying bits 0 to 1, bits 2 to 7 shall be set to 0.
BerthUpperLower	VXO	BMP	1	A 0.25 byte value, occupying bits 0 to 1, bits 2 to 7 shall be set to 0.
ReservationType	VXO	UD	1	A 0.5 byte value, occupying bits 0 to 3, bits 4 to 7 shall be set to 0.
TogetherFlag	VXO	FLAG	1	A 0.125 byte value, occupying bits 0, bits 1 to 7 shall be set to 0.
RFU	VXO	RFU	1	

In **Clause 8.4** amend the following Table as follows:

**Table 2.140 - IPE TYP 24, Format Version 2**

LD	Information only					LD	LD	LD
Element Number	Target IPE Group	Target IPE ITSO Name	Target IPE Data Type	Included in target IPE?	Content generation rule	Rule Code	List Data Size	List Data
1	DIR	OID	EF + OID13	Dir Entry	set to value in embodiment spec	2	2	Value
2	DIR	TYP	TYP	Dir Entry	set to value in embodiment spec	2	1	24
3	DIR	PTYP	PTYP	Dir Entry	set to value in embodiment spec	2	1	Value
4	DIR	VGP	FLAG	Dir Entry	set to one (1) or set to zero (0) or determined upon IPE creation	3 or 4 or 1	0	-----
5	DIR	IINL	FLAG	Dir Entry	*set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or value
6	DIR	EXP (Expiry Date)	DATE	Dir Entry	set to value in embodiment spec or set to value determined upon creation or set to today's date plus the value in embodiment spec	1 or 2 or 5	0 or 2	Null or value
7	H	IPELength	HEX	Always	determined upon IPE creation	1	0	-----
8	H	IPEBitMap	BMP	Always	Set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or value	Null or value



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9	H	ListFormatRevision + IPEFormatRevision	HEX	Always	set to value in embodiment spec	2	1	0x12
10	IPE	RemoveDate	RDATE	Always	set to value in embodiment spec	2	1	Value
11	IPE	ProductRetailer	OID16	Always	*set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 2	Null or value
12	IPE	TYP24Flags	BMP	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 2	Null or Value
13	IPE	ProductTypeEncoding	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
14	IPE	TicketNumber	UD	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 4	Null or Value
15	IPE	NumberOfAssociatedIPEs	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
16	IPE	NumberOfDiscounts	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
17	IPE	NumberOfSupplements	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
18	IPE	NumberOfTransferTypes	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
19	IPE	NumberOfInterchanges	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
20	IPE	NumberOfRestrictionTime Bands	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
21	IPE	NumberOfVehicleSpecific Restrictions	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
22	IPE	NumberOfRoutingPoints	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
23	IPE	Class	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value



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24	IPE	AutoRenewTimeAfterExpiry	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
25	IPE	NumberOfJourneysSold	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 2	Null or Value
26	IPE	OutPortionPeriodOfValidity	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 2	Null or Value
27	IPE	RtnPortionPeriodOfValidity	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 2	Null or Value
28	IPE	OperatorSpecificity	UD	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 2	Null or Value
29	IPE	FaresTypeOfTicket	UD	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 3	Null or Value
30	IPE	PartySizeAdult	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
31	IPE	PartySizeChild	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
32	IPE	PartySizeConcession	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
33	IPE	IdDocumentReference	UD	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 4	Null or Value
34	IPE	Origin	LOC1	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or variable 17 max	Null or Value
35	IPE	Destination	LOC1	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or variable 17 max	Null or Value
36	IPE	AlternativeOrigin	LOC1	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or variable 17 max	Null or Value





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37	IPE	AlternativeDestination	LOC1	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or variable 17 max	Null or Value
38	IPE	Route	UD	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 5	Null or Value
39	IPE	OutPortionValidFrom	DTS	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 3	Null or Value
40	IPE	RtnPortionValidFrom	DTS	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 3	Null or Value
41	IPE	RestrictionCode	UD	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 2	Null or Value
42	IPE	DaysTravelPermitted	DOW	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
43	IPE	DaysRestrictionApplies	DOW	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
44	IPE	AmountPaidCurrencyCode	VALC	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
45	IPE	AmountPaidMOP	MOP	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
46	IPE	AmountPaid	VALI	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 4	Null or Value
47	IPE	VendorLoc	LOC1	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or variable 17 max	Null or Value
48	Associated-IPE	IPEInstanceID	HEX	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
49	Discounts	DiscountCode	UD	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 5	Null or Value



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50	Discounts	DiscountAmount	VALI	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 4	Null or Value
51	Discounts	DiscountPercentage	HEX	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 2	Null or Value
52	Discounts	DiscountCodeType	UD	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
53	Discounts	RFU	RFU	according to bit map	Set to zero (0)	4	0	-----
54	Supplement	AssociatedSupplementCode	ASCII	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 3	Null or Value
55	Interchange	OutOfLocationInterchange Exit	LOC1	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or variable 17 max	Null or Value
56	Interchange	OutOfLocationInterchange Entry	LOC1	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or variable 17 max	Null or Value
57	Interchange	PermittedInterchangeTime	HEX	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
58	Interchange	RFU	RFU	according to bit map	Set to zero (0)	4	0	-----
59	Transfers	TransferEntitlementType	HEX	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
60	Transfers	NumberOfTransfers	HEX	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
61	Transfers	RFU	RFU	according to bit map	Set to zero (0)	4	0	-----
62	Transfers	ExtendedValidityPeriod	HEX	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
6263	Restriction1	OperatorApplicability	UD	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 2	Null or Value



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<del>6364</del>	Restriction1	SpecificLocationApplicability	LOC1	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or variable 17 max	Null or Value
<del>6465</del>	Restriction1	TimeBandOnOutOrReturn	BMP	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
<del>6566</del>	Restriction1	TimeBandStart	TIME	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 2	Null or Value
<del>6667</del>	Restriction1	TimeBandEnd	TIME	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 2	Null or Value
<del>6768</del>	Restriction1	TimeBandOnArriveOrDepart	FLAG	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
<del>6869</del>	Restriction1	TimeBandIncludeExclude Flag	FLAG	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
<del>6970</del>	Restriction1	RFU	RFU	according to bit map	Set to zero (0)	4	0	-----
<del>7071</del>	Restriction2	SpecificVehicleDeparture Location	LOC1	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or variable 17 max	Null or Value
<del>7472</del>	Restriction2	SpecificServiceId	UD	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 6	Null or Value
<del>7273</del>	Restriction2	SpecificVehicleDeparture Time	TIME	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 2	Null or Value
<del>7374</del>	Restriction2	RestrictionOrEasementFlag	FLAG	According to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
<del>7475</del>	Restriction2	RFU	RFU	According to bit map	Set to zero (0)	4	0	-----
<del>7576</del>	Route	RoutingLocation	LOC1	According to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or variable 17 max	Null or Value
<del>7677</del>	Route	ViaNotVia	UD	According to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value



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<del>7778</del>	Route	RFU	RFU	According to bit map	Set to zero (0)	4	0	-----
<del>7879</del>	PaxDetail	Name	<del>UD</del> ASCII	According to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 20	Null or Value
<del>7980</del>	PaxDetail	Gender	BMP	According to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
<del>8081</del>	PaxDetail	RFU	RFU	According to bit map	set to zero (0)	4	0	-----
<del>8182</del>	IPE	Padding	PAD	if required	set to zero (0)	4	0	-----
<del>8283</del>	IPE	IIN	IIN	if required	set to value in embodiment spec	2	3	Value
<del>8384</del>	INS	KID	HEX	Always	determined upon IPE creation	1	0	-----
<del>8485</del>	INS	INP#	HEX	Always	set to zero (0)	4	0	-----
<del>8586</del>	INS	ISAMIDCreator	HEX	Always	determined upon IPE creation	1	0	-----
<del>8687</del>	INS	ISAMS#	HEX	Always	determined upon IPE creation	1	0	-----
<del>8788</del>	INS	SEAL	BIN	Always	determined upon IPE creation	1	0	-----
<del>8889</del>	VH	VGLength	HEX	Always	determined upon IPE creation	1	0	-----
<del>8990</del>	VH	VGBitMap	BMP	Always	Set to value in embodiment spec or determined upon IPE creation	1 or 2	0 or 1	Null or value
<del>9091</del>	VH	VGFormatRevision	HEX	Always	set to value in embodiment spec	2	1	0x0A
<del>9192</del>	V	TransactionType	HEX	Always	Set to value in embodiment spec, or set to value determined upon IPE creation, or set to zero (0)	1 or 2 or 4	0 or 1	Null or value
<del>9293</del>	V	TransactionSequence Number	TS#	Always	Set to value in embodiment spec, or set to value determined upon IPE creation, or set to zero (0)	1 or 2 or 4	0 or 2	Null or value
<del>9394</del>	V	DateTimeStamp	DTS	Always	determined upon IPE creation	1	0	-----
<del>9495</del>	V	ISAMIDModifier	HEX	Always	determined upon IPE creation	1	0	-----
<del>9596</del>	V	ActionSequenceNumber	HEX	Always	set to zero (0)	4	0	-----
<del>9697</del>	V	JourneysRemaining	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
<del>9798</del>	V	TransfersRemaining	BMP	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 2	Null or Value
<del>9899</del>	V	JourneyPartUsedFlag	FLAG	Always	set to zero (0)	4	0	-----



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<del>99</del> 100	V	NumberOfReservations	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 2	Null or Value
<del>400</del> 101	V	RFU	RFU	Always	Set to zero (0)	4	0	-----
<del>404</del> 102	VXH	VGXLength	HEX	Always	determined upon IPE creation	1	0	-----
<del>402</del> 103	VXH	VGXRef (Bit9; Bit8)	BMP	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Value
<del>403</del> 104	VXH	VGXRef (Bit7 – Bit0)	HEX	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Value
<del>404</del> 105	VX	DTSOfLastValidation	DTS	Always	Set to zero (0)	4	0	-----
<del>405</del> 106	VX	LocationOfLastValidation	LOC1	Always	set to zero (0)	4	0	-----
<del>406</del> 107	VX	BookingReference	ASCII	Always	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 8	Null or Value
<del>407</del> 108	VXO	LegDepartureDateTime	DTS	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 3	Null or Value
<del>408</del> 109	VXO	LegServiceId	ASCII	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 6	Null or Value
<del>409</del> 110	VXO	LegOrigin	LOC1	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or variable 17 max	Null or Value
<del>410</del> 111	VXO	LegDestination	LOC1	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or variable 17 max	Null or Value
<del>411</del> 112	VXO	Coach	ASCII	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 2	Null or Value
<del>412</del> 113	VXO	SeatNumber	ASCII	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 3	Null or Value
<del>413</del> 114	VXO	AccommodationAttribute	ASCII	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 4	Null or Value
<del>414</del> 115	VXO	SeatDirection	BMP	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
<del>415</del> 116	VXO	BerthUpperLower	BMP	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value



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<del>446</del> 117	VXO	ReservationType	UD	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
<del>447</del> 118	VXO	TogetherFlag	FLAG	according to bit map	set to value in embodiment spec or set to value determined upon IPE creation	1 or 2	0 or 1	Null or Value
<del>448</del> 119	VXO	RFU	RFU	according to bit map	set to zero (0)	4	0	-----
<del>449</del> 120	VX	VGX_Padding	PAD	If Required	set to zero (0)	4	0	-----
<del>420</del> 121	V	Padding	PAD	If Required	set to zero (0)	4	0	-----
<del>424</del> 122	INS	KID	HEX	Always	determined upon IPE creation	1	0	-----
<del>422</del> 123	INS	INP#	HEX	Always	set to zero (0)	4	0	-----
<del>423</del> 124	INS	ISAMIDCreator	HEX	Always	determined upon IPE creation	1	0	-----
<del>424</del> 125	INS	ISAMS#	HEX	Always	determined upon IPE creation	1	0	-----
<del>425</del> 126	INS	SEAL	BIN	Always	determined upon IPE creation	1	0	-----

~ End of Corrigendum ~