IATA SIS Production

Major Release 1.6 Communication

Version No: 1.0

REVISION HISTORY LOG

Version Ref	Creation Date
V1.0	15-Aug-2014

Table of Contents

Major Release 1.6 Deployment Schedule

The deployment of Major Release 1.6 is planned to be executed for start of the November P1 2014 clearance.

The deployment, including SIS Production downtime, is currently planned to occur after October P4 2014 period closure i.e. on November 7th, 2014 and after 1700 EST. Final details regarding the time of implementation will be circulated prior to the release.

The validation changes will be deployed in the Sandbox environment in early October for your reference and will confirm this date via a SIS bulletin. We ask that you test your files through the Sandbox prior to the implementation of Release 1.6 in order to ensure a smooth transition to the new validations.

Note: Changes included in this document are only those associated with Release 1.6. All other corrections to the Record Structures or ISPG will be outlined in the ISPG Change Log and not this document.

Scope of Major Release 1.6

CMPs accepted by the SIS Steering Group

CMP #	Subject	Affected Billing Categories	Affects Record Structure?	Changes in Validation?
612	Changes to Passenger Correspondence audit trail download	Passenger, Cargo	No	No
613	Validation for Cargo Other Charges breakdown	Cargo	No	Yes
614	Source Code validation for rejection memos (second and third stages)	Passenger	No	Yes
626a	Future submission for Miscellaneous invoices	Miscellaneous	Yes	Yes
636	IS-XML standard update mobilization	Miscellaneous	Yes	Yes

Other Changes

CMP #	Subject	Affected Billing Categories	Affects Record Structure?	Changes in Validation?
624*	ICH Rewrite – New settlement method SMI "X"	All	Yes	Yes
626b*	ICH Rewrite – Future submitted invoice show on ICH Reports	Miscellaneous, Passenger	No	No
630*	Access to ICH Protest and Adjustment Screen	All	No	No

ICH Rewrite changes will be deployed in the November 2014 SIS Release 1.6; however the functionality will only be effective as of the date of ICH Rewrite deployment (currently set for April 2015).

The list of CMP (Change Management Process) items covered in this Major Release are described in greater detail in the table below.

Some changes may have an impact on SIS Users so we recommend to go through the below section in details for evaluating any possible impacts (please refer to Applicability and Change sections within each CMP).

CMPs Accepted by the SIS Steering Group

CMP #	Scope	CMP Release Scope Summary

612	Changes to PAX Correspondence audit trail download	Description:
		
		Currently, when the audit trail of a Passenger/Cargo correspondence is generated, it repeats information related to every 3rd stage rejection.
		
		This CMP addresses a requirement to make the display and organization of the audit trail more user friendly. Using new options in the Billing History and Correspondence search results, users will be able to download audit trail information related to specific 3rd stage rejections within a correspondence in a single zip audit trail package.
		
		Applicability:
		
		1. Passenger/Cargo Billing History and Correspondence Users
		
		Changes:
		
		1. Passenger/Cargo Billing History and Correspondence Screens
		
		   a. A new icon called "Show rejections" will be available next to the "Show/Create correspondence" and "Show audit trail". Clicking this new icon will display all stage 3 rejections linked to the particular correspondence in a new grid. Please refer to attachments below for new screen layouts.
		
		CMP612-Modified PAX Screen Layout V CMP612-Modified CGO Screen Layout V
		
		   b. The new grid will display all Stage 3 rejection memos linked to the correspondence. The user will be able to select the Rejections for which they want to generate the audit trail. Once selected, the user will be able to generate separate PDFs (packaged as a single file) for each rejection memo via a new button "Generate Audit Trail PDF(s)"
		
		   c. Please refer to Appendix A for file specifications of audit trail package

613	Validation for Cargo Other Charges breakdown	Description:
		
		Carriers are facing issues in Cargo billings because of zero-value Other Charges breakdowns. Such non-value breakdowns will be disallowed by the system with the implementation of this CMP.
		
		Applicability:
		
		1. IS-IDEC / IS-XML file validation
		
		2. IS-WEB Cargo Other Charges Breakdown popup screens
		
		Changes:
		
		1. IS-IDEC / IS-XML validation changes – A new validation will be implemented which will verify the amount of the Other Charges breakdown.
		
		   a. This is only applicable for portions of the record where a non-blank value has been provided for "Other Charge Code" (Applicable for IS-IDEC only)
		
		   b. For valid portions of the record providing breakdown information, validation will fail if the value of "Other Charge Code Value" is zero (error non-correctable). (Applicable for IS-IDEC only)
		
		   c. Error message in case of validation failure will be → Other Charges breakdown amount cannot be provided with a zero or blank value
		
		2. The validation will also apply in IS-WEB Cargo manual capture screens when the user clicks the "Add" button in the Other Charges Breakdown popup screen. In case of validation failure, an error message will be provided, indicating that a "Non zero value is required"
		
		3. Note: If rejections are raised (after implementation of this CMP) for such transactions containing zero valued Other Charges breakdowns, they will fail validation.

614	Source Code validation for Passenger Rejection Memos (second and third stages)	Description: Currently, the system does not enforce a validation related to industry defined progression of Source Codes during the rejection stages. For example, it is possible to reject a Stage 1 Rejection Memo billed with Source Code 4 with a Stage 2 Rejection Memo having Source Code 45 or a bilateral Source Code. In order to prevent such cases, this CMP will implement certain validations to ensure the proper progression of Source Codes is used in Passenger Non-Sampling rejections. Applicability: 1. Passenger Non-Sampling Rejection Memo validation

Changes:

1. Source Code matching requirements

RULE #	STAGE OF NON-SAMPLING RM BEING VALIDATED / CAPTURED	TYPE OF REJECTED TRANSACTION	SOURCE CODE OF REJECTED TRANSACTION	EXPECTED SOURCE CODE OF RM BEING VALIDATED / CAPTURED
1	2	Non-Sampling Stage 1 RM	4	**5**
2	3	Non-Sampling Stage 2 RM	5	**6**
3	1	Non-Sampling Prime Coupon	14	**44**
4	2	Non-Sampling Stage 1 RM	44	**45**
5	3	Non-Sampling Stage 2 RM	45	**46**
6	2	Non-Sampling Stage 1 RM	91	**92**
7	3	Non-Sampling Stage 2 RM	92	**93**

2. This validation will only be performed for "migrated" rejection memos which can be linked to an audit trail in SIS.

3. Failure to maintain the proper Source Code sequence will initially result in a Warning, but the invoice will still be sent for settlement (assuming no other errors). After a few months, the system will flag these transactions with a non-correctable error. This date will be communicated by SIS Ops via SIS Bulletin.

626a	Future submission for Miscellaneous invoices	Description: This CMP is intended to extend the Future Submission functionality existing in SIS for Passenger billings to Miscellaneous transactions as well. Applicability:

1. Member Profile

2. Validation process at time of period closure (Miscellaneous billings)

Changes:

1. Member Profile

   a. There will be a new checkbox in the Miscellaneous tab of the Member Profile for "Future Billing Submissions Allowed". This will be similar to the box which exists in the Passenger tab

2. If members opt for Future Submission by enabling it in the Member Profile, invoices will be able to be submitted as soon as future submission window opens for a future month (25th of every month).

3. Exchange Rates

   a. The exchange rate may or may not be provided in the IS-XML file

   b. Exchange rates are not relevant in Bilateral billings

   c. Please refer to Appendix C for requirements related to the validation/derivation of exchange rates in IS-XML and IS-WEB

4. With this CMP, SIS will refer to the Closure Date of the actual or assumed Billing Period of the Invoice/Credit Note when validating Invoice Date. This specific validation change applies only for Miscellaneous transactions.

5. Similar to PAX, the system will revalidate the MISC future submitted invoice when the actual period opens and accordingly accept or reject it

6. IS-XML change: Similar to PAX, a new value 'P' (Pending) will be introduced for field AttachmentIndicatorOriginal for MISC. The billing member can use this new value to indicate that when they submitted the invoice they are not sure whether they will attach a supporting document.

CMP #	Scope	CMP Release Scope Summary

636	IS-XML standard update mobilization	**Description:**
		
		 This CMP includes required changes to the Miscellaneous billing category in order to accommodate new types of billings, provide additional flexibility and adapt to changes in business rules.
		
		 Applicability:
		
		 1. Miscellaneous Charge Code validations and mandatory fields (IS-XML and IS-WEB)
		
		 2. IS-WEB and IS-XML (new optional group "Catering Details" added as a new group for catering billings)
		
		 3. Miscellaneous output files: IS-XML
		
		 Changes:
		
		 1. Please refer to Appendix B for specific validation changes
		
		 2. There are 4 new Charge Codes added for Miscellaneous billings
		
		    a. Charge Category: Airport → New Charge Code "Utilities" added
		
		    b. Charge Category: Engineering → New Charge Code "Ramp Handling" added
		
		    c. Charge Category: Ground Handling → New Charge Code "Utilities" added
		
		    d. Charge Category: Property → New Charge Code "Utilities" added
		
		 3. The IS-XML Output files will include the new charge codes defined above and catering related fields.

Other Changes

CMP #	Scope	CMP Release Scope Summary

624	ICH Rewrite – New settlement method SMI "X"	**Description:**
		
		ICH is introducing new/flexible settlement options with multiple settlement calendars which will differ from the regular one driven by SMI "I". Such settlements will be achieved using a new SMI "X". Members will have the option to choose settlement closest to the target date, as well as use a Currency of Clearance and Settlement other than USD/GBP/EUR.
		
		These will be based on special bilateral/multilateral agreements between ICH members, for which details and data will be stored in ICH systems (outside of SIS). A separate communication will follow detailing all the changes relating to this CMP.
		
		Applicability:
		
		1. All Billing Categories
		
		    a. For PAX, only includes Non-Sample transactions
		
		2. IS-XML and IS-IDEC Record Structures and validations
		
		3. IS-WEB capture and search screens
		
		4. IS-WEB reports
		
		5. Output files
		
		Changes:
		
		1. Changes will be communicated separately. The functionalities deployed with CMP 624 will not be functional until ICH Rewrite deployment in April 2015.
		
		   Note: Changes are only applicable if the member chooses to settle as per the new flexible agreements of ICH. These changes under this CMP do not affect invoices submitted under SMI – I (The current standard ICH agreement).

626b	ICH Rewrite – Future submitted invoice show on ICH Reports	Description: In addition to the functionality detailed in CMP 626a, ICH members will be able to view future "provisional" invoices in their ICH Reports. Applicability: 1. ICH Reports (Passenger and Miscellaneous) Changes: 1. SIS will send provisional invoice data for future submissions (PAX and MISC) to the ICH for non-settlement informational purposes in the billing period for which the future invoice is submitted. For instance if a billing is submitted in October P4 for settlement during the November P2 clearance period, the provisional invoice data will be pushed to the ICH during October P4 so that the information is available in the ICH Reports. However the settlement will not take place until the November P2 clearance period closes.
630	Access to ICH Protest and Adjustment Screen	Description: ICH users having access permission will be offered to directly submit an adjustment or a protest under certain conditions via a new screen linked to the future ICH (Rewrite) system. Applicability: 1. ICH Members Changes: 1. A new user permission 'ICHProtestAndAdjustment.Access' will be added as to offer access to a new ICH Protest and Adjustment screen that will be accessible from IS-WEB in a new menu item 'ICH Protest and Adjustment'. 2. **Functionality will be only activated with the ICH Rewrite deployment in April 2015.** 3. Further details to be communicated in due time.

Appendix A

File specifications for PAX/CGO Correspondence Audit Trail package

Structure of package:

1. The user will receive the file in .zip format
2. When unzipped, the contents will be extract into a folder referred to as Level 0 in the table below
3. The name of the zip file will be identical to the name of the Level 0 folder, for example:
   a. PAX-RM Audit Trail-1099-20150102-222307.zip
   b. CGO-RM Audit Trail-1099-20150102-222307.zip

Table 1: Specifications of Audit Trail package

LEVEL	FOLDER/ FILE	CHILD OF LEVEL	DESCRIPTION	FORMAT	EXAMPLE
0	Folder	n/a	The top level folder that indicates that this is an audit trail package and provides details about the Billing Category and time of request **Occurrence:** 1 Folder name parameters: - Field 1 (*AAA)*: Billing Category (PAX or CGO) - Field 2: Always 'RM Audit Trail' - Field 3 (*UUUU*): The internal/unique ID of the user in the system. The length of this ID may range from 1 to 9 - Field 4 (*YYYYMMDD*): The UTC date on which package was requested - Field 5 (*HHMMSS*): The UTC time at which package was requested, HH is in 24 hour format	Each filename parameter will be separated by a hyphen/dash *AAA*-RM Audit Trail - *UUUU*-*YYYYMMDD*-*HHMMSS*	PAX-RM Audit Trail-1099-20150102-222307 Passenger audit trail requested by user 1099 at 10.23.07pm on 02-Jan-2015 (UTC)

1A	File	0	The audit trail PDF from the Stage 3 RM perspective
			
			Occurrence: 1 or more
			
			File name parameters:
			- Field 1: Audit Trail of RM-
			- Field 2 (*AAAAAAAAAA)*: The memo number of the Stage 3 RM
			  - o Leading zeroes (if any) will NOT be discarded
			  - o Length may range from 1 to 11
				Each filename parameter will be separated by a hyphen/dash
				
				Audit Trail of RM-*AAAAAAAAAA*.pdf
					Audit Trail of RM-12345.pdf

Appendix B

CMP 636 – specific validation changes

Changes to "Ground Handling: Catering" Charge Code

IS-XML New Line Item Detail fields added in New Group "CateringDetails"

Charge Codes for which new group "Catering Details" will be released with the Record Structure prior to the SIS 1.6 Major Release.

#	FIELD	LENGTH AND DATA TYPE	VALIDATIONS AND COMMENTS
1.	MealType @Name	30 A/N	• Attribute 'Name' is mandatory • Length and data type of attribute: 25 A/N
2.	InvoiceOpCode	5 A/N	• Values will be dictionary defined
3.	InvoiceDbsDate	Date	• Format is YYYY-MM-DDThh:mm:ss • Providing time is optional
4.	ServiceFlightNbr	5 N	---
5.	ServiceFlighDate	Date	• Format is YYYY-MM-DDThh:mm:ss • Providing time is optional
6.	BoardFlightDate	Date	• Format is YYYY-MM-DDThh:mm:ss • Providing time is optional
7.	BoardFlightNbr	5 N	---
8.	Facility	30 A/N	---
9.	MealCode	30 A/N	---

Specifications of new fields in "Catering Details" in IS-WEB

#	FIELD	VALID VALUES	MAPS TO IS-XML FIELD	COMMENTS / VALIDATIONS
1.	Meal Type	• Lunch • Dinner • Snack • Any value keyed in by user	MealType @Name of group CateringDetails	• Attribute 'Name' (see row below) is mandatory if a value is provided in this field • Any value can be provided for this field
2.	Name	• Vegan • Child • Crew • Any value keyed in by user		• This is an attribute of 'Meal Type' (see row above) • Any value can be provided for this field
3.	Invoice Op Code	• Dictionary Defined • Substitution value 0	InvoiceOpCode of group CateringDetails	• Dictionary defined, list available in record structures
4.	Invoice Disbursement Date	Any valid date and time	InvoiceDbsDate of group CateringDetails	• Format is YYYY-MM-DDThh:mm:ss • Providing time is optional
5.	Service Flight Number	N/A	ServiceFlightNbr of group CateringDetails	---
6.	Service Flight Date	Any valid date and time	InvoiceDbsDate of group CateringDetails	• Format is YYYY-MM-DDThh:mm:ss • Providing time is optional
7.	Board Flight Date	Any valid date and time	InvoiceDbsDate of group CateringDetails	• Format is YYYY-MM-DDThh:mm:ss • Providing time is optional
8.	Board Flight Number	N/A	BoardFlightNbr of group CateringDetails	---
9.	Facility	N/A	Facility of group CateringDetails	---
10.	Meal Code	N/A	MealCode of group CateringDetails	---

New Requirements for Charge Category "Ground Handling", Charge Code "Catering" (IS-XML)

#	LINE ITEM DETAIL FIELD	M / R / RA / O REQUIREMENT		VALIDATIONS / COMMENTS
		OLD	NEW	
1.	CabinClass of group AircraftDetails	Recommended Always	Recommended	
2.	LocationCode @Type of group RouteDetails	Optional	Recommended	• As per existing functionality, value provided in this field should be an active/valid IATA city/airport code; or an active/valid UNLOC code • As per existing functionality, attribute Type is mandatory; and no validations apply on the value of the attribute • As per existing functionality, substitution value 0 should be allowed for the field
3.	ReferenceNo @Name	Optional	Recommended	
4.	MealType @Name of group CateringDetails	N/A	Recommended	
5.	InvoiceOpCode of group CateringDetails	N/A	Recommended	• Field should be validated by SIS • 0 should be allowed as a substitution value for the field
6.	InvoiceDbsDate of group CateringDetails	N/A	Recommended	• Providing time is optional
7.	ServiceFlightNbr of group CateringDetails	N/A	Recommended	
8.	ServiceFlighDate of group CateringDetails	N/A	Recommended	
9.	BoardFlightDate of group CateringDetails	N/A	Recommended	• Providing time is optional
10.	BoardFlightNbr of group CateringDetails	N/A	Recommended	
11.	Facility of group CateringDetails	N/A	Recommended	
12.	MealCode of group CateringDetails	N/A	Recommended	

New Requirements for other Charge Categories and Charge Codes (IS-XML)

There are 4 new Charge Codes added for Miscellaneous billings

a. Charge Category: Airport → New Charge Code "Utilities" added

b. Charge Category: Engineering → New Charge Code "Ramp Handling" added

c. Charge Category: Ground Handling → New Charge Code "Utilities" added

d. Charge Category: Property → New Charge Code "Utilities" added

For all of the newly added Charge Codes above, Location ID must be provided at the Invoice or Line Item level as per the current functionality.

Specific Charge Code validation changes

#	CHARGE CATEGORY / CHARGE CODE	LINE ITEM DETAIL FIELD	M / R / RA / O REQUIREMENT		VALIDATIONS / COMMENTS
			OLD	NEW	
1.	Airport / Lighting	NoiseClass of group AircraftDetails	Mandatory	Recommended	• If this field is not provided, an error will not be thrown
2.	Airport / Lighting	MaxTakeOffWeight @UOMCode of group AircraftDetails	Mandatory	Recommended	• If this field is not provided, an error will not be thrown • If field is provided, attribute UOM is mandatory; and existing validations on UOM will be applied
3.	Airport / Runway Charges	NoiseClass of group AircraftDetails	Mandatory	Recommended	• If this field is not provided, an error will not be thrown
4.	Ground Handling / Departure Stamps	CabinClass of group AircraftDetails	Mandatory	Recommended	• If this field is not provided, an error will not be thrown
5.	Ground Handling / Passenger Handling	AircraftTypeCode of group AircraftDetails	Mandatory	Recommended	• If this field is not provided, an error will not be thrown • If field is provided, existing validations on correctness of value will be applied • As per existing requirements, the system will allow 0 to be provided as a substitution value
6.	Ground Handling / Passenger Transportation	AircraftTypeCode of group AircraftDetails	Mandatory	Recommended	• If this field is not provided, an error will not be thrown • If field is provided, existing validations on correctness of value will be applied • As per existing requirements, the system will allow 0 to be provided as a substitution value
7.	Ground Handling / Passenger Security	AircraftTypeCode of group AircraftDetails	Mandatory	Recommended	• If this field is not provided, an error will not be thrown • If field is provided, existing validations on correctness of value will be applied • As per existing requirements, the system will allow 0 to be provided as a substitution value
8.	Ground Handling / Ramp Handling	FlightTypeCode of group FlightDetails	Optional	Recommended	• If this field is not provided, an error will not be thrown • If field is provided, existing validations on correctness of value will be applied • As per existing requirements, the system will allow 0 to be provided as a substitution value

#	CHARGE CATEGORY / CHARGE CODE	LINE ITEM DETAIL FIELD	M / R / RA / O REQUIREMENT		VALIDATIONS / COMMENTS
			OLD	NEW	
9.	Ground Handling / STPC	TicketNo of group PassengerDetails	Optional	Recommended	• If this field is not provided, an error will not be thrown
10.	Ground Handling / STPC	AircraftTypeCode of group AircraftDetails	Mandatory	Recommended	• If this field is not provided, an error will not be thrown • If field is provided, existing validations on correctness of value will be applied • As per existing requirements, the system will allow 0 to be provided as a substitution value
11.	Engineering / Ramp Handling	AircraftTypeCode of group AircraftDetails	N/A	Mandatory	• As per existing functionality, the value provided in this must be an active/valid IATA aircraft type code • As per existing functionality, substitution value "0" will be allowed for the field
12.	Engineering / Ramp Handling	FlightNo of group FlightDetails	N/A	Mandatory	
13.	Engineering / Ramp Handling	FlightDateTime of group FlightDetails	N/A	Mandatory	• As per existing functionality, time component is optional
14.	Airport / Utilities	ChargeCodeType	N/A	Mandatory	• ChargeCodeType will be : Electricity / Telecommunication / Waste / Water
15.	Ground Handling / Utilities	ChargeCodeType	N/A	Mandatory	• ChargeCodeType will be : Electricity / Telecommunication / Waste / Water
16.	Property / Utilities	ChargeCodeType	N/A	Mandatory	• ChargeCodeType will be : Electricity / Telecommunication / Waste / Water

Appendix C

Validation / Derivation of Exchange Rates when Submission Method is IS-XML

#	CURRENCY OF CLEARANCE	INVOICE TYPE	SMI	EXCHANGE RATE PROVIDED?	VALIDATION / DERIVATION OF EXCHANGE RATE
1	Same as Invoice Currency	• Original Invoice • Rejection Invoice (any stage) • Correspondence Invoice	I, A or M	Yes	• Exchange Rate will be validated; and should be equal to 1.00000 • The FDR master **will NOT be** referred to, to validate the rate
2	Same as Invoice Currency	• Original Invoice • Rejection Invoice (any stage) • Correspondence Invoice	I, A or M	No	• Exchange Rate will be derived; and should be equal to 1.00000 • The FDR master **will NOT be** referred to, to derive the rate
3	Same as Invoice Currency	Credit Note	I, A, M or R	Yes	• Exchange Rate will be validated; and should be equal to 1.00000 • The FDR master **will NOT be** referred to, to validate the rate
4	Same as Invoice Currency	Credit Note	I, A, M or R	No	• Exchange Rate will be derived; and should be equal to 1.00000 • The FDR master **will NOT be** referred to, to derive the rate
5	Same as Invoice Currency, Or Different from Invoice Currency, Or Not Provided	• Original Invoice • Credit Note • Rejection Invoice (any stage) • Correspondence Invoice	Bilateral, Other than X or R	Yes	• Exchange Rate is NOT required for Bilateral billings • Exchange Rate will NOT be validated
6	Same as Invoice Currency, Or Different from Invoice Currency, Or Not Provided	• Original Invoice • Credit Note • Rejection Invoice (any stage) • Correspondence Invoice	Bilateral, Other than X or R	No	• Exchange Rate is NOT required for Bilateral billings • Exchange Rate will NOT be derived
7	Different from Invoice Currency	Original Invoice	I, A or M	Yes	• Exchange Rate will be validated; and it should as per the month of the **Future Billing Period** • The FDR master **will be** referred to, to validate the rate
8	Different from Invoice Currency	Original Invoice	I, A or M	No	• Exchange Rate will be derived as per the month of the **Future Billing Period** • The FDR master **will be** referred to, to derive the rate
9	Different from Invoice Currency	Credit Note	I, A, M or R	Yes	• Exchange Rate will be validated; and it should NOT be equal to zero • Other than the 'not equal to zero' validation defined above, no other validations will be done • If validation passes, ISValidationFlag' will be updated as **"EX"**
10	Different from Invoice Currency	Credit Note	I, A, M or R	No	• Exchange Rate will be derived as per the month of the **Future Billing Period** • The FDR master **will be** referred to, to derive the rate • 'ISValidationFlag' will be updated as **"EX"**

#	CURRENCY OF CLEARANCE	INVOICE TYPE	SMI	EXCHANGE RATE PROVIDED?	VALIDATION / DERIVATION OF EXCHANGE RATE

11	Different from Invoice Currency	Rejection Invoice Stage 1	I, A or M	Yes	• If Linking succeeds and Original Invoice is found:
					  ▪ Exchange Rate will be validated; and it will as per the Billing Month of the Original Invoice
					  ▪ The FDR master **will be** referred to, to validate the rate
					• If Linking fails but is bypassed by the system (due to migration by the Billed Member):
					  ▪ Exchange Rate will be validated; and it will as per the month of 'SettlementMonthPeriod' defined in node 'RejectedInvoiceDetails'
					  ▪ The FDR master **will be** referred to, to validate the rate
					• If Linking fails and invoice is set with status Error-Correctable:
					  ▪ Exchange Rate will NOT be validated
					  ▪ Validation of Exchange Rate will happen upon Error Correction
					• If Linking fails and invoice is set with status Error-Non-Correctable:
					  ▪ Exchange Rate will NOT be validated

12	Different from Invoice Currency	Rejection Invoice Stage 1	I, A or M	No	• If Linking succeeds and Original Invoice is found:
					  ▪ Exchange Rate will be derived as per Billing Month of the Original Invoice
					  ▪ The FDR master **will be** referred to, to derive the rate
					• If Linking fails but is bypassed by the system (due to migration by the Billed Member):
					  ▪ Exchange Rate will be derived as per month of 'SettlementMonthPeriod' defined in node 'RejectedInvoiceDetails'
					  ▪ The FDR master **will be** referred to, to derive the rate
					• If Linking fails and invoice is set with status Error-Correctable:
					  ▪ Exchange Rate will NOT be derived
					  ▪ Derivation of Exchange Rate will happen upon Error Correction
					• If Linking fails and invoice is set with status Error-Non-Correctable:
					  ▪ Exchange Rate will NOT be derived

13	Different from Invoice Currency	Rejection Invoice Stage 2	A	Yes	• If Linking succeeds and Original Invoice is found:
					  ▪ Exchange Rate will be validated; and it will as per the Billing Month of the Original Invoice
					  ▪ The FDR master **will be** referred to, to validate the rate
					• If Linking succeeds but the Original Invoice is NOT found:
					  ▪ Exchange Rate will be validated; and it will as per the month of the Future Billing Period defined for the Rejection Invoice
					  ▪ The FDR master **will be** referred to, to validate the rate
					  ▪ 'ISValidationFlag' will be updated as **"EX"**
					• If Linking fails but is bypassed by the system (due to migration by the Billed Member):
					  ▪ Exchange Rate will be validated; and it will as per the month of the Future Billing Period defined for the Rejection Invoice
					  ▪ The FDR master **will be** referred to, to validate the rate
					  ▪ 'ISValidationFlag' will be updated as **"EX"**
					• If Linking fails and invoice is set with status Error-Correctable:
					  ▪ Exchange Rate will NOT be validated
					  ▪ Validation of Exchange Rate will happen upon Error Correction
					• If Linking fails and invoice is set with status Error-Non-Correctable:
					  ▪ Exchange Rate will NOT be validated

#	CURRENCY OF CLEARANCE	INVOICE TYPE	SMI	EXCHANGE RATE PROVIDED?	VALIDATION / DERIVATION OF EXCHANGE RATE
14	Different from Invoice Currency	Rejection Invoice Stage 2	A	No	• If Linking succeeds and Original Invoice is found: ▪ Exchange Rate will be derived as per the Billing Month of the Original Invoice ▪ The FDR master **will be** referred to, to derive the rate • If Linking succeeds but the Original Invoice is NOT found: ▪ Exchange Rate will be derived as per the month of the Future Billing Period defined for the Rejection Invoice ▪ The FDR master **will be** referred to, to derive the rate ▪ 'ISValidationFlag' will be updated as **"EX"** • If Linking fails but is bypassed by the system (due to migration by the Billed Member): ▪ Exchange Rate will be derived as per the month of the Future Billing Period defined for the Rejection Invoice ▪ The FDR master **will be** referred to, to derive the rate ▪ 'ISValidationFlag' will be updated as **"EX"** • If Linking fails and invoice is set with status Error-Correctable: ▪ Exchange Rate will NOT be derived ▪ Derivation of Exchange Rate will happen upon Error Correction • If Linking fails and invoice is set with status Error-Non-Correctable: ▪ Exchange Rate will NOT be derived
15	Different from Invoice Currency	Correspondence Invoice	I, A or M	Yes	• If Linking succeeds and Original Invoice is found: ▪ Exchange Rate will be validated; and it will be as per the Billing Month of the Original Invoice ▪ The FDR master **will be** referred to, to validate the rate • If Linking succeeds, but the Original Invoice is NOT found, and the Rejection Invoice linked to the Correspondence belongs to Stage 1: ▪ Exchange Rate will be validated; and it will as per the month of 'SettlementMonthPeriod' defined in node 'RejectedInvoiceDetails' of the linked Rejection Invoice ▪ The FDR master **will be** referred to, to validate the rate • If Linking succeeds, but the Original Invoice is NOT found, and the Rejection Invoice linked to the Correspondence belongs to Stage 2: ▪ Exchange Rate will be validated; and it will as per the month of the Future Billing Period defined for the Correspondence Invoice ▪ The FDR master **will be** referred to, to validate the rate ▪ 'ISValidationFlag' will be updated as **"EX"** • If Linking fails and invoice is set with status Error-Correctable: ▪ Exchange Rate will NOT be validated ▪ Validation of Exchange Rate will happen upon Error Correction • If Linking fails and invoice is set with status Error-Non-Correctable: ▪ Exchange Rate will NOT be validated

#	CURRENCY OF CLEARANCE	INVOICE TYPE	SMI	EXCHANGE RATE PROVIDED?	VALIDATION / DERIVATION OF EXCHANGE RATE
16	Different from Invoice Currency	Correspondence Invoice	I, A or M	No	- If Linking succeeds and Original Invoice is found: - Exchange Rate will be derived as per the Billing Month of the Original Invoice - The FDR master **will be** referred to, to derive the rate - If Linking succeeds, but the Original Invoice is NOT found, and the Rejection Invoice linked to the Correspondence belongs to Stage 1: - Exchange Rate will be derived as per the month of 'SettlementMonthPeriod' defined in node 'RejectedInvoiceDetails' of the linked Rejection Invoice - The FDR master **will be** referred to, to derive the rate - If Linking succeeds, but the Original Invoice is NOT found, and the Rejection Invoice linked to the Correspondence belongs to Stage 2: - Exchange Rate will be derived as per the month of the Future Billing Period defined for the Correspondence Invoice - The FDR master **will be** referred to, to derive the rate 'ISValidationFlag' will be updated as **"EX"** - If Linking fails and invoice is set with status Error-Correctable: - Exchange Rate will NOT be derived - Derivation of Exchange Rate will happen upon Error Correction - If Linking fails and invoice is set with status Error-Non-Correctable: - Exchange Rate will NOT be derived

Derivation of Exchange Rates when Submission Method is IS-WEB

#	CURRENCY OF CLEARANCE	INVOICE TYPE	SMI	VALIDATION / DERIVATION OF EXCHANGE RATE
1	Same as Invoice Currency	• Original Invoice • Rejection Invoice (any stage) • Correspondence Invoice	I, A or M	• Exchange Rate will be always derived as 1.00000 • The FDR master **will NOT be** referred to, to derive the rate
2	Same as Invoice Currency	Credit Note	I, A, M or R	• Exchange Rate will be always derived as 1.00000 • The FDR master **will NOT be** referred to, to derive the rate
3	Different from Invoice Currency	Original Invoice	I, A or M	• Exchange Rate will be derived as per the month of the **Future Billing Period** • The FDR master **will be** referred to, to derive the rate
4	Different from Invoice Currency	Credit Note	I, A, M or R	• Exchange Rate will be derived as per the month of the **Future Billing Period** • The FDR master **will be** referred to, to derive the rate • 'ISValidationFlag' will be updated as **"EX"**

5	Different from Invoice Currency	Rejection Invoice Stage 1	I, A or M	• If Linking succeeds and Original Invoice is found:
				  ▪ Exchange Rate will be derived as per the Billing Month of the Original Invoice
				  ▪ The FDR master **will be** referred to, to derive the rate
				• If Linking fails but is bypassed by the system (due to migration by the Billed Member):
				  ▪ Exchange Rate will be derived as per month of 'Billed In' defined by the user in the section pertaining to rejected invoice details
				  ▪ The FDR master **will be** referred to, to derive the rate
				• If Linking fails (but is required by the system) and Invoice Header save operation fails:
				  ▪ Exchange Rate will NOT be derived

6	Different from Invoice Currency	Rejection Invoice Stage 2	A	• If Linking succeeds and Original Invoice is found:
				  ▪ Exchange Rate will be derived as per Billing Month of the Original Invoice
				  ▪ The FDR master **will be** referred to, to derive the rate
				• If Linking succeeds but the Original Invoice is NOT found:
				  ▪ Exchange Rate will be derived as per the month of the Future Billing Period defined for the Rejection Invoice
				  ▪ The FDR master **will be** referred to, to derive the rate
				  ▪ 'ISValidationFlag' will be updated as **"EX"**
				• If Linking fails but is bypassed by the system (due to migration by the Billed Member):
				  ▪ Exchange Rate will be derived as per the month of the Future Billing Period defined for the Rejection Invoice
				  ▪ The FDR master **will be** referred to, to derive the rate
				  ▪ 'ISValidationFlag' will be updated as **"EX"**
				• If Linking fails (but is required by the system) and Invoice Header save operation fails:
				  ▪ Exchange Rate will NOT be derived

#	CURRENCY OF CLEARANCE	INVOICE TYPE	SMI	VALIDATION / DERIVATION OF EXCHANGE RATE
7	Different from Invoice Currency	Correspondence Invoice	I, A or M	- If Linking succeeds and Original Invoice is found: - Exchange Rate will be derived; and will as per Billing Month of the Original Invoice - The FDR master **will be** referred to, to derive the rate - If Linking succeeds, but the Original Invoice is NOT found, and the Rejection Invoice linked to the Correspondence belongs to Stage 1: - Exchange Rate will be derived as per month of 'Settlement Month Period' defined for the Rejected Invoice which is linked to the Correspondence - The FDR master **will be** referred to, to derive the rate - If Linking succeeds, but the Original Invoice is NOT found, and the Rejection Invoice linked to the Correspondence belongs to Stage 2: - Exchange Rate will be derived as per the month of the Future Billing Period defined for the Correspondence Invoice - The FDR master **will be** referred to, to derive the rate 'ISValidationFlag' will be updated as **"EX"** - If Linking fails and Invoice Header save operation fails: - Exchange Rate will NOT be derived