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AGFA HEALTHCARE
HL7 Conformance Statement

IMPAX RIS Connectivity 6.4.1/6.4.2

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1   INTRODUCTION

1.1   Revision Record

HL7 Conformance Statement Template, Livelink Node ID: 19565451		
Revision Number	**Date**	**Reason for Change**
8	March 2019	New structure for better quality communication with external parties

HL7 Conformance Statement IMPAX RIS Connectivity 6.4.1 / 6.4.2		
Revision Number	**Date**	**Reason for Change**
2-3	November 8 to November 10, 2021	Initial Revision and corrections made in review cycle
4-6	September 26 2022	Added version 6.4.2 – Document valid for RIS 6.4.1 and 6.4.2

1.2   Purpose and Intended Audience of this Document

This document is an HL7 Conformance Statement for the HL7 Services of IMPAX RIS Connectivity 6.4.1/6.4.2. For the interest of relevancy, IMPAX RIS Connectivity is the connectivity platform serving the integration interests for both IMPAX RIS and/or Enterprise Imaging Scheduling with communication partners like Enterprise Imaging, HIS, EMR, billing systems, report distribution services etc. Wherever in this document communication is described with reference to "(R)IS" or "IMPAX RIS" the transaction can be oriented towards either IMPAX RIS, Enterprise Imaging Scheduling or both as the 2 systems share a common database.

The user of this document is involved with system integration and/or software design. We assume that the reader is familiar with the terminology and concepts that are used in the HL7 standard and the IHE Technical Framework.

Readers not familiar with HL7 terminology should first read the appropriate parts of the HL7 standard itself, prior to reading this conformance statement.

Although the use of this conformance statement in conjunction with the HL7 standard is intended to facilitate communication with IMPAX RIS Connectivity 6.4.1/6.4.2, it is not sufficient to guarantee, by itself, the inter-operation of the connection between IMPAX RIS Connectivity 6.4.1/6.4.2 and the 3rd party HL7-based system.

To help this integration validation we provide HL7 xml and pdf Conformance Profiles bundled together in a zip file "001649_IMPAX RIS Connectivity 6.4.1/6.4.2 HL7 Conformance Profiles", also available for download on https://global.agfahealthcare.com/hl7/.

The integration of any device into a system of interconnected devices goes beyond the scope of the HL7 standard and this conformance statement when *interoperability* is desired. The responsibility for analyzing the applications requirements and developing a solution that integrates the Agfa equipment with other vendors' systems is the user's responsibility and should not be underestimated.

1.3   Acronyms and Abbreviations

Definitions, terms and abbreviations used in this document, many of which are defined within the HL7 standard. Abbreviations and terms are as follows:

ADT   Admission, Discharge, and Transfer message

AL1   Patient Allergy Information segment

DFT   Detailed Financial Transaction

EVN	Event Type segment
HL7	Health Level 7
IHE	Integrating the Healthcare Enterprise
MFN	Master Files Notification messages
MRG	Merge Patient Information segment
MSH	Message Header segment
NTE	Notes and comments segment
OBR	Observation Request segment
OBX	Observation/Result segment
OF	Order Filler – Device that sends filled orders (ORM)
OP	Order Placer
ORC	Common Order segment
ORM	Order Request message
ORR	Order Response message
ORU	Observation Results - Unsolicited message
OUL	Unsolicited laboratory observation message
PD1	Patient Additional Demographic segment
PID	Patient ID segment
PV1	Patient Visit segment
QRD	Query Definition segment
RIS	Radiology Information System
SCH	Scheduling Activity Information segment
SIU	Scheduling Information Unsolicited message

1.4   Related Documents

 ➢ HL7 Standard v2.3.1

 ➢ IHE Radiology Technical Framework

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2 INBOUND MESSAGES

2.1 Supported Trigger Events

2.1.1 Supported ADT Events

For more information about the processed segments and supported fields, refer to the document specified in the 'Conformance profile document' column and to chapter 2.1.1.1.

Table 2-1 Supported ADT Events

Func Area	Event Code	ADT Trigger Event description	Conformance profile document
ADT	A01	Admit/Visit notification	(R)IS INBOUND ADT A01.pdf
ADT	A02	Transfer a patient	(R)IS INBOUND ADT A02.pdf
ADT	A03	Discharge/End visit	(R)IS INBOUND ADT A03.pdf
ADT	A04	Register a patient	(R)IS INBOUND ADT A04.pdf
ADT	A05	Pre-admit a patient	(R)IS INBOUND ADT A05.pdf
ADT	A06	Change an outpatient to an inpatient	(R)IS INBOUND ADT A06.pdf
ADT	A07	Change an inpatient to an outpatient	(R)IS INBOUND ADT A07.pdf
ADT	A08	Update patient information	(R)IS INBOUND ADT A08.pdf
ADT	A09	Patient Departing - Tracking	(R)IS INBOUND ADT A09.pdf
ADT	A11	Cancel admit/visit notification	(R)IS INBOUND ADT A11.pdf
ADT	A12	Cancel transfer	(R)IS INBOUND ADT A12.pdf
ADT	A13	Cancel discharge/end visit	(R)IS INBOUND ADT A13.pdf
ADT	A17	Swap patients	(R)IS INBOUND ADT A17.pdf
ADT	A21	Leave of absence	(R)IS INBOUND ADT A21.pdf
ADT	A22	Patient returns from a leave of absence	(R)IS INBOUND ADT A22.pdf
ADT	A23	Delete a patient record	(R)IS INBOUND ADT A23.pdf
ADT	A24	Link patient information	(R)IS INBOUND ADT A24.pdf
ADT	A28	Add person or patient information	(R)IS INBOUND ADT A28.pdf
ADT	A31	Update person information	(R)IS INBOUND ADT A31.pdf
ADT	A33	Cancel patient departing - tracking	(R)IS INBOUND ADT A33.pdf
ADT	A37	Unlink patient information	(R)IS INBOUND ADT A37.pdf
ADT	A38	Cancel pre-admit	(R)IS INBOUND ADT A38.pdf
ADT	A40	Merge patient - patient identifier list	(R)IS INBOUND ADT A40.pdf
ADT	A41	Merge account - patient account number	(R)IS INBOUND ADT A41.pdf
ADT	A42	Merge visit - visit number	(R)IS INBOUND ADT A42.pdf
ADT	A44	Move account information - patient account number	(R)IS INBOUND ADT A44.pdf
ADT	A45	Move visit information - visit number	(R)IS INBOUND ADT A45.pdf
ADT	A47	Change patient identifier list	(R)IS INBOUND ADT A47.pdf
ADT	A50	Change visit number	(R)IS INBOUND ADT A50.pdf
ADT	A52	Cancel leave of absence for a patient	(R)IS INBOUND ADT A52.pdf
ADT	A53	Cancel patient returns from a leave of absence	(R)IS INBOUND ADT A53.pdf
ADT	A54	Change attending doctor	(R)IS INBOUND ADT A54.pdf
ADT	A55	Cancel change attending doctor	(R)IS INBOUND ADT A55.pdf

2.1.1.1 Supported ADT segments

The following segments are supported when IMPAX RIS Connectivity receives an ADT message:

Segments without brackets are mandatory. Segments with square brackets are optional and segments with curly brackets (braces) are repeating.

Table 2-2 Supported ADT segments

HL7 ADT Event Code	Supported ADT segments
A01	MSH EVN PID [PD1] [ROL] [NK1] PV1 [PV2] [ROL] [OBX] [AL1] [DG1] }] [GT1] [[IN1]] [ACC] {[PDA]}
A02	MSH EVN PID [PD1] {[ROL]} PV1 [PV2] {[ROL]} {[OBX]}
A03	MSH EVN PID [PD1] {[NK1]} PV1 [PV2] {[ROL]} {[DG1]} [OBX]}
A04, A08, A13	MSH EVN PID [PD1] {[NK1]} PV1 [PV2] {[OBX]} {[AL1]} {[DG1]} {[GT1]} {[IN1]} [ACC]
A05	MSH EVN PID [PD1] {[ROL]} {[NK1]} PV1 [PV2] {[OBX]} {[AL1]} {[DG1]} {[GT1]} {[IN1]} [ACC]
A06	MSH EVN PID [PD1] {[ROL]} {[NK1]} PV1 [PV2] {[OBX]} {[AL1]} {[DG1]} {[GT1]} {[IN1]} [ACC]
A07	MSH EVN PID [PD1] {[NK1]} PV1 [PV2] {[OBX]} {[AL1]} {[DG1]} {[GT1]} {[IN1]} [ACC]
A09, A11	MSH EVN PID [PD1] PV1 [PV2] {[OBX]} {[DG1]}
A12	MSH EVN PID [PD1] PV1 [PV2] {[OBX]} [DG1]
A17	MSH EVN PID [PD1] PV1 [PV2] PID PV1
A21, A22, A52, A53, A54, A55	MSH EVN PID [PD1] {[ROL]} {[NK1]} PV1 [PV2] {[ROL]} {[OBX]} {[AL1]} {[DG1]} {[GT1]} [IN1] [ACC]
A23	MSH EVN PID
A24, A37	MSH EVN PID PID
A28	MSH EVN PID [PD1] {[ROL]} {[NK1]} {[OBX]} {[AL1]} {[DG1]} {[GT1]} {[IN1]} [ACC]
A31	MSH EVN PID [PD1] {[NK1]} PV1 {[OBX]} {[AL1]} {[DG1]} {[GT1]} {[IN1]} [ACC]
A33	MSH EVN PID [PD1] PV1 [PV2] {[OBX]}
A38	MSH EVN PID [PD1] PV1 [PV2] {[OBX]} {[DG1]}
A40	MSH EVN [PID [PD1] MRG]
A41, A42	MSH EVN { PID [PD1] MRG [PV1] }
A44	MSH EVN { PID [PD1] MRG }
A45	MSH EVN PID [PD1] { MRG [PV1] }
A47	MSH EVN PID [PD1] MRG
A50	MSH EVN PID [PD1] MRG PV1

2.1.2 Supported MDM Events

For more information about the processed segments and supported fields, refer to the document specified in the 'Conformance profile document' column and to chapter 2.1.2.1.

Table 2-3 Supported MDM Events

Func Area	Event Code	MDM Trigger Event description	Conformance profile document
MDM	T01	Original Document Notification	(R)IS INBOUND MDM T01.pdf

2.1.2.1 Supported MDM segments

The following segments are supported when IMPAX RIS Connectivity receives an MDM message:

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Segments without brackets are mandatory. Segments with square brackets are optional and segments with curly brackets (braces) are repeating.

Table 2-4 Supported MDM segments

HL7 MDM Event Code	Supported MDM segments
T01	MSH [EVN] PID PV1 TXA

2.1.3   Supported MFN Events

For more information about the processed segments and supported fields, refer to the document specified in the 'Conformance profile document' column and to chapter 2.1.3.1.

Table 2-5 Supported MFN Events

Func Area	Event Code	MFN Trigger Event description	Conformance profile document
MFN	M02	Master file - Staff/Practitioner	(R)IS INBOUND MFN M02.pdf
MFN	M04	Item numbers live sync	(R)IS INBOUND MFN M04 ITEM NUMBERS LIVE SYNC.pdf
MFN	M05	Location master file - Departments	(R)IS INBOUND MFN M05 Department.pdf
MFN	M05	Location master file - Hospitals	(R)IS INBOUND MFN M05 Hospital.pdf
MFN	M08	Test / Observation (numeric) Master File	(R)IS INBOUND MFN M08 Omalab Mediweb.pdf
MFN	M09	Test / Observation (categorical) Master File	(R)IS INBOUND MFN M09 Exams QPlanner.pdf
MFN	M13	Master file notification - general	(R)IS INBOUND MFN M13 Exam groups QPlanner.pdf
MFN	M14	Master file Insurances	(R)IS INBOUND MFN M14 INSURANCES.pdf

2.1.3.1   Supported MFN segments

The following segments are supported when IMPAX RIS Connectivity receives an MFN message:

Segments without brackets are mandatory. Segments with square brackets are optional and segments with curly brackets (braces) are repeating.

Table 2-6 Supported MFN segments

HL7 MFN Event Code	Supported MFN segments
M02	MSH MFI { MFE STF {[PRA]} ZST }
M04	MSH MFI { MFE CDM }
M05	MSH MFI { MFE LOC {[LCH]} {[LRL]} {LDP} }
M05	MSH MFI { MFE LOC { LDP } }
M08	MSH MFI { [MFE] OM1 [OM2] }
M09	MSH MFI { MFE OM1 OM7 }
M13	MSH MFI { MFE OM1 }

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HL7 MFN Event Code	Supported MFN segments
M14	MSH MFI { MFE IN1 }

2.1.4   Supported ORM Events

For more information about the processed segments and supported fields, refer to the document specified in the 'Conformance profile document' column and to chapter 2.1.4.1.

Table 2-7 Supported ORM Events

Func Area	Event Code	ORM Trigger Event description	Conformance profile document
ORM	O01	General order message	(R)IS INBOUND ORM O01.pdf

2.1.4.1   Supported ORM segments

The following segments are supported when IMPAX RIS Connectivity receives an ORM message:

Segments without brackets are mandatory. Segments with square brackets are optional and segments with curly brackets (braces) are repeating.

Table 2-8 Supported ORM segments

HL7 ORM Event Code	Supported ORM segments
O01	MSH PID [PV1] { ORC [OBR {[NTE]} {[DG1]} [{OBX}]] }

2.1.5   Supported ORR Events

For more information about the processed segments and supported fields, refer to the document specified in the 'Conformance profile document' column and to chapter 2.1.5.1.

Table 2-9 Supported ORR Events

Func Area	Event Code	ORR Trigger Event description	Conformance profile document
ORR	O02	Order Response	(R)IS INBOUND ORR O02.pdf

2.1.5.1   Supported ORR segments

The following segments are supported when IMPAX RIS Connectivity receives an ORR message:

Segments without brackets are mandatory. Segments with square brackets are optional and segments with curly brackets (braces) are repeating.

Table 2-10 Supported ORR segments

HL7 ORR Event Code	Supported ORR segments
O02	MSH MSA [ERR] [ORC OBR]

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2.1.6   Supported ORU Events

For more information about the processed segments and supported fields, refer to the document specified in the 'Conformance profile document' column and to chapter 2.1.6.1.

Table 2-11 Supported ORU Events

Func Area	Event Code	ORU Trigger Event description	Conformance profile document
ORU	R01	Unsolicited transmission of an Observation Message	(R)IS INBOUND ORU LAB R01 Medifile.pdf
ORU	R01	Unsolicited transmission of an Observation Message	(R)IS INBOUND ORU LAB R01 Mediweb.pdf
ORU	R01	Unsolicited transmission of an Observation Message	(R)IS INBOUND ORU REP R01 3rd PARTY REPORTING SYSTEMS.pdf

2.1.6.1   Supported ORU segments

The following segments are supported when IMPAX RIS Connectivity receives an ORU message:

Segments without brackets are mandatory. Segments with square brackets are optional and segments with curly brackets (braces) are repeating.

Table 2-12 Supported ORU segments

HL7 ORU Event Code	Supported ORU segments
R01 (Medifile)	MSH { [PID [PV1]] { OBR {[NTE]} { [OBX] {[NTE]} } } }
R01 (Mediweb)	MSH { [PID [[PV1]]] { [ORC] OBR {[NTE]} { [OBX] {[NTE]} } } }
R01 (3rd PARTY REPORTING SYSTEMS)	MSH [[PID [PV1]] { [ORC] OBR {[DG1]} { [OBX] }]

2.1.7   Supported OUL Events

For more information about the processed segments and supported fields, refer to the document specified in the 'Conformance profile document' column and to chapter 2.1.7.1.

Table 2-13 Supported OUL Events

Func Area	Event Code	OUL Trigger Event description	Conformance profile document
OUL	R21	Unsolicited Observation Message	(R)IS INBOUND OUL LAB R21 Mediweb.pdf
OUL	R22	Unsolicited Observation Message	(R)IS INBOUND OUL LAB R22 Mediweb.pdf
OUL	R24	Unsolicited Observation Message	(R)IS INBOUND OUL LAB R24 Mediweb.pdf

2.1.7.1   Supported OUL segments

The following segments are supported when IMPAX RIS Connectivity receives an OUL message:

Segments without brackets are mandatory. Segments with square brackets are optional and segments with curly brackets (braces) are repeating.

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Table 2-14 Supported OUL segments

HL7 OUL Event Code	Supported OUL segments
R21	MSH [PID {[NTE]}] [PV1] { [SAC] [ORC] OBR {[NTE]} { OBX {[NTE]} } }
R22	MSH [PID {[NTE]}] [PV1] { SPM { OBR {[NTE]} [{ TQ1 }] [{ OBX {[NTE]} }] } }
R24	MSH [PID {[NTE]}] [PV1] { OBR {[NTE]} [{ TQ1 }] [{ SPM {[OBX]} }] [{ OBX {[NTE]} }] }

2.1.8 Supported SIU Events

For more information about the processed segments and supported fields, refer to the document specified in the 'Conformance profile document' column and to chapter 2.1.8.1.

Table 2-15 Supported SIU Events

Func Area	Event Code	SIU Trigger Event description	Conformance profile document
SIU	S12	Notification of new appointment booking	(R)IS INBOUND SIU S12.pdf
SIU	S13	Notification of appointment rescheduling	(R)IS INBOUND SIU S13.pdf
SIU	S14	Notification of appointment modification	(R)IS INBOUND SIU S14.pdf
SIU	S15	Notification of appointment cancellation	(R)IS INBOUND SIU S15.pdf

2.1.8.1 Supported SIU segments

The following segments are supported when IMPAX RIS Connectivity receives a SIU message:

Segments without brackets are mandatory. Segments with square brackets are optional and segments with curly brackets (braces) are repeating.

Table 2-16 Supported SIU segments

HL7 SIU Event Code	Supported SIU segments
S12, S13, S14, S15	MSH SCH {[NTE]} [{ PID [PV1] {[OBX]} {[DG1]} }] { RGS [{ AIS {[NTE]} }] [{AIG}] [{AIL}] [{AIP}] }

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3   OUTBOUND MESSAGES

3.1   Supported Trigger Events

3.1.1   Supported ADT Events

For more information about the processed segments and supported fields, refer to the document specified in the 'Conformance profile document' column and to chapter 3.1.1.1.

Table 3-1 Supported ADT Events

Func Area	Event Code	ADT Trigger Event description	Conformance profile document
ADT	A02 & A03	Transfer a patient	(R)IS OUTBOUND ADT A02 & A03 HL7PACS.pdf
ADT	A04 & A08	Register a patient / Update patient information	(R)IS OUTBOUND ADT A04 & A08 HL7PACS.pdf
ADT	A40	Merge patient - patient identifier list	(R)IS OUTBOUND ADT A40 HL7PACS.pdf
ADT	A01	x Admit / Visit notification	(R)IS OUTBOUND ADT Enterprise Imaging.pdf
ADT	A02	Transfer a patient	R)IS OUTBOUND ADT Enterprise Imaging.pdf
ADT	A03	Discharge / End visit	R)IS OUTBOUND ADT Enterprise Imaging.pdf
ADT	A04	Register a patient	R)IS OUTBOUND ADT Enterprise Imaging.pdf
ADT	A06	Change an outpatient to an inpatient	R)IS OUTBOUND ADT Enterprise Imaging.pdf
ADT	A07	Change an inpatient to an outpatient	R)IS OUTBOUND ADT Enterprise Imaging.pdf
ADT	A08	Update patient information	R)IS OUTBOUND ADT Enterprise Imaging.pdf
ADT	A12	Cancel transfer	R)IS OUTBOUND ADT Enterprise Imaging.pdf
ADT	A13	Cancel discharge/end visit	R)IS OUTBOUND ADT Enterprise Imaging.pdf
ADT	A28	Add person information	R)IS OUTBOUND ADT Enterprise Imaging.pdf
ADT	A40	Merge patient - patient identifier list	R)IS OUTBOUND ADT Enterprise Imaging.pdf

3.1.1.1   Supported ADT segments

The following segments are supported when IMPAX RIS Connectivity sends out an ADT message:

Segments without brackets are mandatory. Segments with square brackets are optional and segments with curly brackets (braces) are repeating.

Table 3-2 Supported ADT segments

HL7 ADT Event Code	Supported ADT segments
A02 & A03, A04, A08	MSH EVN PID PV1

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HL7 ADT Event Code	Supported ADT segments
A40	MSH EVN PID MRG
A01, A02, A03, A04, A06, A07, A08, A12, A13, A28, A40 (Enterprise Imaging)	MSH EVN [PID [PV1] [MRG] {[AL1]} {[OBX]}]

3.1.2   Supported ORM Events

For more information about the processed segments and supported fields, refer to the document specified in the 'Conformance profile document' column and to chapter 3.1.2.1.

Table 3-3 Supported ORM Events

Func Area	Event Code	ORM Trigger Event description	Conformance profile document
ORM	O01	Order message – HL7PACS	(R)IS OUTBOUND ORM O01 HL7PACS.pdf
ORM	O01	General order message	(R)IS OUTBOUND ORM O01.pdf
ORM	O01	Order message - Enterprise Imaging	(R)IS OUTBOUND ORM O01 Enterprise Imaging.pdf

3.1.2.1   Supported ORM segments

The following segments are supported when IMPAX RIS Connectivity sends out an ORM message:

Segments without brackets are mandatory. Segments with square brackets are optional and segments with curly brackets (braces) are repeating.

Table 3-4 Supported ORM segments

HL7 ORM Event Code	Supported ORM segments
O01 (HL7PACS)	MSH [PID [PV1]] { ORC [OBR [ZDS]] }
O01 (GENERIC)	MSH [PID [PV1]] { ORC [OBR [{ OBX }] [ZDS]] }
O01 (Enterprise Imaging)	MSH [PID PV1 {[AL1]}] [ORC OBR [NTE] ZDS [OBX]]

3.1.3   Supported ORU Events

For more information about the processed segments and supported fields, refer to the document specified in the 'Conformance profile document' column and to chapter 3.1.3.1.

Table 3-5 Supported ORU Events

Func Area	Event Code	ORU Trigger Event description	Conformance profile document
ORU	R01	Unsolicited observation message - Pairs	(R)IS OUTBOUND ORU R01 Pairs.pdf
ORU	R01	General unsolicited observation message	(R)IS OUTBOUND ORU R01.pdf
ORU	R01	Unsolicited observation message - Enterprise Imaging	(R)IS OUTBOUND ORU R01 Enterprise Imaging.pdf

3.1.3.1   Supported ORU segments

The following segments are supported when IMPAX RIS Connectivity sends out an ORU message:

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Segments without brackets are mandatory. Segments with square brackets are optional and segments with curly brackets (braces) are repeating.

Table 3-6 Supported ORU segments

HL7 ORU Event Code	Supported ORU segments
R01 (Pairs)	MSH { [PID [PV1]] { [ORC] { OBR [OBX] } {[NTE]} } }
R01 (GENERIC)	MSH { [PID [PV1]] { [ORC] OBR { [OBX] [NTE] } } }
R01 (Enterprise Imaging)	MSH [PID PV1] [[ORC] OBR ZDS [OBX]]

3.1.4 Supported SIU Events

For more information about the processed segments and supported fields, refer to the document specified in the 'Conformance profile document' column and to chapter 3.1.4.1.

Table 3-7 Supported SIU Events

Func Area	Event Code	SIU Trigger Event description	Conformance profile document
SIU	S12	New appointment booking	(R)IS OUTBOUND SIU S12.pdf
SIU	S13	Appointment rescheduling	(R)IS OUTBOUND SIU S13.pdf
SIU	S14	Apointment modification	(R)IS OUTBOUND SIU S14.pdf
SIU	S15	Appointment cancellation	(R)IS OUTBOUND SIU S15.pdf

3.1.4.1 Supported SIU segments

The following segments are supported when IMPAX RIS Connectivity sends out a SIU message:

Segments without brackets are mandatory. Segments with square brackets are optional and segments with curly brackets (braces) are repeating.

Table 3-8 Supported SIU segments

HL7 SIU Event Code	Supported SIU segments
S12, S13, S14, S15	MSH SCH {[NTE]} [ZAG] [{ PID [PV1] }] { RGS [{ [AIS] [NTE] }] [{ {[AIG]} }] [{ {[AIL]} }] [{ {[AIP]} }] }

3.1.5 Supported DFT Events

For more information about the processed segments and supported fields, refer to the document specified in the 'Conformance profile document' column and to chapter 3.1.5.1.

Table 3-9 Supported DFT Events

Func Area	Event Code	DFT Trigger Event description	Conformance profile document
DFT	P03	Post Detail Financial Transaction	(R)IS OUTBOUND DFT P03 Billing.pdf
DFT	P03	Post Detail Financial Transaction	(R)IS OUTBOUND US Billing-DFT_P03 .pdf

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3.1.5.1   Supported DFT segments

The following segments are supported when IMPAX RIS Connectivity sends out an DFT message:

Segments without brackets are mandatory. Segments with square brackets are optional and segments with curly brackets (braces) are repeating.

Table 3-10 Supported DFT segments

HL7 DFT Event Code	Supported DFT segments
P03 (Billing)	MSH EVN PID [PV1] [OBR] FT1 [{ PR1 [DG1] }] {[DG1]}
P03 (US Billing)	MSH EVN PID [PV1] [OBR] { FT1 [{[DG1]}] } {[DG1]}

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