

## Usage Guideline

# **AZ- BusinessApplicationHeaderV01\_head.001.0 01.01**

## Azerbaijan IPS

This document describes a usage guideline restricting the base message head.001.001.01. You can also consult this [information online](#).

Published by CMA Small Systems and generated by [MyStandards](#).

Status: Draft

26 April 2019

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# Message Functionality

## Collection Description

Azerbaijan IPS ([link](#))

Message format description for Azerbaijan IPS project.

## Usage Guideline Description

AZ-BusinessApplicationHeaderV01\_head.001.001.01 ([link](#))

Each message send/recived to/from the system and must contain Message Header with its accompagning business application header. This Messages Header is generated by the message Sender/RTGS for each message being sent.

Message Header is not related to content of the message and actually represents transport layer information. This information can include, but not limited by:

- Message sender and receiver indentification (BICs);
- SWIFT service identification;
- SWIFT Distinguished names (SWIFT DNs);
- SWIFT Signer Distinguished names (SWIFT Signer DNs)
- End customer generated signature;
- etc.

## Outline

The AZ-BusinessApplicationHeaderV01\_head.001.001.01 message is composed of 10 building blocks

### **a - Financial Institution Identification**

Identification of a financial institution.

### **b - Financial Institution Identification**

Identification of a financial institution.

### **c - Business Message Identifier**

Unambiguously identifies the Business Message to the MessagingEndpoint that has created the Business Message.

### **d - Message Definition Identifier**

Contains the MessageIdentifier that defines the BusinessMessage.

It must contain a MessageIdentifier published on the ISO 20022 website.

example camt.001.001.03.

### **e - Business Service**

Specifies the business service agreed between the two MessagingEndpoints under which rules this Business Message is exchanged.

To be used when there is a choice of processing services or processing service levels.

Example: E&l.

**f - Creation Date**

Date and time when this Business Message (header) was created.

Note Times must be normalized, using the &quot;Z&quot; annotation.

**g - Possible Duplicate**

Flag indicating if the Business Message exchanged between the MessagingEndpoints is possibly a duplicate.

If the receiving MessagingEndpoint did not receive the original, then this Business Message should be processed as if it were the original.

If the receiving MessagingEndpoint did receive the original, then it should perform necessary actions to avoid processing this Business Message again.

This will guarantee business idempotent behaviour.

NOTE: this is named &quot;PossResend&quot; in FIX - this is an application level resend not a network level retransmission.

**h - Algorithm : ValidationByTable**

**i - Signature**

Contains the digital signature of the Business Entity authorised to sign this Business Message.

**j - Related**

Specifies the Business Application Header of the Business Message to which this Business Message relates.

Can be used when replying to a query; can also be used when canceling or amending.

## About this document

### Legend

Abbreviation	Term	Description
X	Excluded	An optional field or element must not be populated.
I	Ignored	A field or element could be populated but is ignored by the receiver.
[x..y]	Multiplicity	A field or element multiplicity has changed.
FV	Fixed Value	A field or element must contain a given value.
T/C	Type / Code Change	A user-defined datatype replaces an existing simple datatype.
A	Element Added	A field or element has been added.

Header	Description
Index	Element reference
LvL	Element nesting in tree hierarchy
Name	Element name
XML Tag	Element XML tag
Mult	Element multiplicity
Type / Code	Element formatting
Rest	Restriction type
Additional details	Other restriction specifics

Type/Code Notation	Describes the Element	Examples
text{m,M}	minimum (m) and maximum (M) length	text{1,35}
text{L}	maximum (L) length, minimum length is 0	test{10}
m <= decimal <= M	minimum (m) and maximum (M) values	0.01 <= decimal <= 9999.99
fd = F, td = T	maximum fractional (F) and total (T) number of digits	fd = 2, td = 11
<<regular expression>>	regular expression pattern	[A-Z]{6,6}([A-Z0-9]{3,3}){0,1}

Index	Level	Name	XML Tag	Mult	Type / Code	Rest r	Additional details
	0	Business Application Header V01 (head.001.001.01)	<AppHdr>				
	1	Character Set	<CharSet>	[0..1]	text	X	
	1	From	<Fr>	[1..1]	Choice		
	2	Organisation Identification	<Orgld>	[1..1]		X	
	2	Financial Institution Identification	<FIld>	[1..1]			
	3	Financial Institution Identification	<FinInstnld>	[1..1]			
	4	BICFI	<BICFI>	[0..1]	text [A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}		
	4	Clearing System Member Identification	<ClrSysMmbld>	[0..1]			Comment: To be used for Pseudo-BIC indication for non-swift registered participants
	5	Clearing System Identification	<ClrSysld>	[0..1]	Choice	X	
	5	Member Identification	<Mmbld>	[1..1]	text{1,35}	T/C	Type Changed: text [A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}
	4	Name	<Nm>	[0..1]	text{1,140}	X	
	4	Postal Address	<PstlAdr>	[0..1]		X	
	4	Other	<Othr>	[0..1]			Comment: User Code of the Sender.
	5	Identification	<ld>	[1..1]	text{1,35}		
	5	Scheme Name	<SchmeNm>	[0..1]	Choice	X	
	5	Issuer	<Issr>	[0..1]	text{1,35}	X	
	3	Branch Identification	<Brnchld>	[0..1]		X	
	1	To	<To>	[1..1]	Choice		
	2	Organisation Identification	<Orgld>	[1..1]		X	
	2	Financial Institution Identification	<FIld>	[1..1]			
	3	Financial Institution Identification	<FinInstnld>	[1..1]			
	4	BICFI	<BICFI>	[0..1]	text [A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}		

Index	Level	Name	XML Tag	Mult	Type / Code	Rest r	Additional details
	4	Clearing System Member Identification	<ClrSysMmbld>	[0..1]			Comment: To be used for Pseudo-BIC indication for non-swift registered participants
	5	Clearing System Identification	<ClrSysId>	[0..1]	Choice	X	
	5	Member Identification	<Mmbld>	[1..1]	text{1,35}	T/C	Type Changed: text [A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}
	4	Name	<Nm>	[0..1]	text{1,140}	X	
	4	Postal Address	<PstlAdr>	[0..1]		X	
	4	Other	<Othr>	[0..1]			Comment: User Code of the Receiver.
	5	Identification	<Id>	[1..1]	text{1,35}		
	5	Scheme Name	<SchmeNm>	[0..1]	Choice	X	
	5	Issuer	<Issr>	[0..1]	text{1,35}	X	
	3	Branch Identification	<BrnchId>	[0..1]		X	
	1	Business Message Identifier	<BizMsgIdr>	[1..1]	text{1,35}		Comment: Works as Message User Reference (MUR) in MX
	1	Message Definition Identifier	<MsgDefIdr>	[1..1]	text{1,35}		
	1	Business Service	<BizSvc>	[0..1]	text{1,35}		Comment: IFTS - for IFTS system
	1	Creation Date	<CreDt>	[1..1]	dateTime .*Z		
	1	Copy Duplicate	<CpyDplct>	[0..1]	text	X	
	1	Possible Duplicate	<PssblDplct>	[0..1]	boolean		
	1	Priority	<Prty>	[0..1]	text		
	1	Signature	<Sgntr>	[0..1]			
	1	Related	<Rltd>	[0..1]			
	2	Character Set	<CharSet>	[0..1]	text	X	
	2	From	<Fr>	[1..1]	Choice		
	3	Organisation Identification	<OrgId>	[1..1]		X	
	3	Financial Institution Identification	<FIId>	[1..1]			
	4	Financial Institution Identification	<FinInstnId>	[1..1]			
	5	BICFI	<BICFI>	[0..1]	text [A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}		

Index	Lvl	Name	XML Tag	Mult	Type / Code	Restr	Additional details
	5	Clearing System Member Identification	<ClrSysMmbld>	[0..1]			Comment: To be used for Pseudo-BIC indication for non-swift registered participants
	6	Clearing System Identification	<ClrSysId>	[0..1]	Choice	X	
	6	Member Identification	<Mmbld>	[1..1]	text{1,35}	T/C	Type Changed: text [A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}
	5	Name	<Nm>	[0..1]	text{1,140}	X	
	5	Postal Address	<PstlAdr>	[0..1]		X	
	5	Other	<Othr>	[0..1]			Comment: User Code of the Sender.
	6	Identification	<Id>	[1..1]	text{1,35}		
	6	Scheme Name	<SchmeNm>	[0..1]	Choice	X	
	6	Issuer	<Issr>	[0..1]	text{1,35}	X	
	4	Branch Identification	<BrnchId>	[0..1]		X	
	2	To	<To>	[1..1]	Choice		
	3	Organisation Identification	<OrgId>	[1..1]		X	
	3	Financial Institution Identification	<FIId>	[1..1]			
	4	Financial Institution Identification	<FinInstnId>	[1..1]			
	5	BICFI	<BICFI>	[0..1]	text [A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}		
	5	Clearing System Member Identification	<ClrSysMmbld>	[0..1]			Comment: To be used for Pseudo-BIC indication for non-swift registered participants
	6	Clearing System Identification	<ClrSysId>	[0..1]	Choice	X	
	6	Member Identification	<Mmbld>	[1..1]	text{1,35}	T/C	Type Changed: text [A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}
	5	Name	<Nm>	[0..1]	text{1,140}	X	
	5	Postal Address	<PstlAdr>	[0..1]		X	
	5	Other	<Othr>	[0..1]			Comment: User Code of the Receiver.
	6	Identification	<Id>	[1..1]	text{1,35}		



Index	Level	Name	XML Tag	Mult	Type / Code	Required	Additional details
	6	Scheme Name	<SchmeNm>	[0..1]	Choice	X	
	6	Issuer	<Issr>	[0..1]	text{1,35}	X	
	4	Branch Identification	<BrnchId>	[0..1]		X	
	2	Business Message Identifier	<BizMsgIdr>	[1..1]	text{1,35}		
	2	Message Definition Identifier	<MsgDefIdr>	[1..1]	text{1,35}		
	2	Business Service	<BizSvc>	[0..1]	text{1,35}		
	2	Creation Date	<CreDt>	[1..1]	dateTime .*Z		
	2	Copy Duplicate	<CpyDplct>	[0..1]	text	X	
	2	Possible Duplicate	<PssblDplct>	[0..1]	boolean		
	2	Priority	<Prty>	[0..1]	text		
	2	Signature	<Sgntr>	[0..1]			

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