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1810 - v1.0 - Data for clearing

Context

Some data sent by schemes in authorisation response need to be present in clearing messages. There are added in CB2A.

Implementation

Change in Volume 2 - Data Field Dictionary

2.3.1 Alphabetical list

Data element	Field/Sub field
...	
Response data for clearing	119 type 1001
...	

2.3.2 List by field number

N°	Type	Name	Format	
...				
119		Reserved for national use	LL2VAR	b...999
	1001	Response data for clearing	Structure	...30
...				

2.3.3 Data fields description

...

Field 119 Format: LL2VAR b...999

Reserved for national use

☐ Data type _____ b2

Type	Description	Repeatability
...		
1001	Response data for clearing	
...		

...



➤ **TYPE = 1001: RESPONSE DATA FOR CLEARING**

Data format: structure Number of bytes transported: ...30

- ☐ Account funding source _____ an1
- ☐ Applied Authorization Characteristics Indicator _____ an1
- ☐ Applied Market-Specific Data Identifier _____ an1
- ☐ Program Downgrade Reason Code _____ an2
- ☐ Validation code _____ an4
- ☐ Expense threshold _____ an1
- ☐ Merchant program - Merchant Verification Value _____ n10
- ☐ Reserved for future use _____ b0...15

...

Change in volume 3.2 – Face-to-face payment – Unattended payment

7 Messages description

7.1 Authorisation request and response

X: Mandatory C: Conditional F: Optional .: Non-processed field S: Message specific value Q: Same value as in the request QI: Same value as in the initial request RI: Same value as in the initial response

A: Payment autho. req. (EMV chip and contactless EMV chip) : 0100	B: Payment autho. request (magn. stripe and contactless magn. stripe) : 0100
C: Resp. to payment autho. req. (contact and contactless) : 0110	

N°	Definition	A	B	C
...		.	.	.
119	Reserved for national use	C(2)	C(2)	C(2)
...		.	.	.
1001	Response data for clearing	.	.	C(3)
...				

7.5 Comments

N°	Comment
...	
2	See list of types
3	Mandatory if available
...	



Change in volume 3.3 – Remote payment – Secured electronic payment

8 Messages description

8.1 Authorisation request and response

X: Mandatory C: Conditional F: Optional .: Non-processed field S: Message specific value Q: Same value as in the request QI: Same value as in the initial request RI: Same value as in the initial response

A: Authorisation request : 0100		B: Response to authorization request : 0110	
N°	Definition	A	B
...			
119	Reserved for national use	.	C(2)
...			
1001	Response data for clearing	.	C(3)
...			

8.3 Comments

N°	Comment
...	
2	See list of types
...	
3	Mandatory if available
...	



1812 - v1.0 - Device information

Context

The form factor indicator is present in field 55 type DF86 'Contactless device'. For some schemes, it is required for contact transactions.

Implementation

Change in Volume 2 - Data Field Dictionary

2.3.4 Alphabetical list

Data element	Field/Sub field
...	
Contactless device Device information	55 type DF86
...	

2.3.5 List by field number

N°	Type	Name	Format	
...				
55		Integrated circuit card system related data	LLLVAR	b...255
...				
	DF86	Contactless device Device information		b...35
...				

2.3.6 Data fields description

...

Field 55 Format: LL2VAR b...999

Integrated circuit card system related data

☐ Data type _____ b2

Type	Description	Repeatability
...		
DF86	Contactless device Device information	
...		

...



TYPE = DF86: ~~CONTACTLESS-DEVICE-DEVICE INFORMATION~~

...

Change in volume 3.2 – Face-to-face payment – Unattended payment

7 Messages description

7.1 Authorisation request and response

X: Mandatory C: Conditional F: Optional .: Non-processed field S: Message specific value Q: Same value as in the request QI: Same value as in the initial request RI: Same value as in the initial response

A: Payment autho. req. (EMV chip and contactless EMV chip) : **0100** B: Payment autho. request (magn. stripe and contactless magn. stripe) : **0100**
C: Resp. to payment autho. req. (contact and contactless) : **0110**

N°	Definition	A	B	C
...		.	.	
55	Integrated circuit card system related data	C(2)	C(2)	C(2)
...				
DF86	Contactless-device Device information	C(3)	C(3)	.
...				

...

7.3 Reversal request and response

A: Payment reversal request : **0400** B: Response to payment reversal request : **0410**

N°	Definition	A	B
...			
55	Integrated circuit card system related data	C(2)	C(2)
...			
DF86	Contactless-device Device information	C(104)	.
...			

...

7.5 Comments

N°	Comment
...	
2	See list of types
3	Mandatory if available
...	
104	Mandatory if present in the initial request
...	



1814 - v1.0 - Deposit refund system

Context

A scheme opens a new service where a merchant can manage deposit-refund.

The service is opened for contact and contactless transactions.

Transactions are identified by a new value of payment use case.

Implementation

Change in Volume 2 - Data Field Dictionary

2.3.3 Data fields description

...

Field 56

Format: LLLVAR b ... 255

Additional data

...

TYPE = 0028: PAYMENT USE CASE

...

Value	Description
...	
08	Deposit refund system
...	



1816 - v1.0 - Non payment card validity check

Context

A card validity check may be sent to initiate a multiple payment but may also be sent without associated payment. In the first case, all subsequent transactions must be linked to the card validity check via its identifier.

Implementation

Change in Volume 2 - Data Field Dictionary

2.3.3 Data fields description

...

Field 56

Format: LLLVAR b ... 255

Additional data

...

TYPE = 0028: PAYMENT USE CASE

...

Value	Description
...	
90	Non payment card validity check
...	



1817 - v1.0 - Tag DF3F data storage

Context

Some scheme required this tag in authorisation requests and reversals. It's added in CB2A ship data. In reversals, it is only present when it is available on the POI at the moment the reversal is sent.

Implementation

Change in Volume 2 - Data Field Dictionary

2.3.7 Alphabetical list

Data element	Field/Sub field
...	
Card data storage	55 type DF3F
...	

2.3.8 List by field number

N°	Type	Name	Format	
...				
55		Integrated circuit card system related data	LLLVAR	b...255
...				
	DF3F	Card data storage		b...114
...				

2.3.9 Data fields description

...

Field 55 Format: LL2VAR b...999

Integrated circuit card system related data

□ Data type _____ b2

Type	Description	Repeatability
...		
DF3F	Card data storage	
...		

...



TYPE = DF3F: CARD DATA STORAGE

Data format: b...114

Number of bytes transported: ...114

...

Change in volume 3.2 – Face-to-face payment – Unattended payment

7 Messages description

7.1 Authorisation request and response

X: Mandatory C: Conditional F: Optional .: Non-processed field S: Message specific value Q: Same value as in the request QI: Same value as in the initial request RI: Same value as in the initial response

A: Payment autho. req. (EMV chip and contactless EMV chip) : **0100**
B: Payment autho. request (magn. stripe and contactless magn. stripe) : **0100**
C: Resp. to payment autho. req. (contact and contactless) : **0110**

N°	Definition	A	B	C
...		.	.	
55	Integrated circuit card system related data	C(2)	C(2)	C(2)
...				
DF3F	Card data storage	C(3)	.	.
...				

...

7.3 Reversal request and response

X: Mandatory C: Conditional F: Optional .: Non-processed field S: Message specific value Q: Same value as in the request QI: Same value as in the initial request RI: Same value as in the initial response

A: Payment reversal request : **0400/0401**
B: Response to payment reversal request : **0410**

N°	Definition	A	B
...		.	.
55	Integrated circuit card system related data	C(2)	C(2)
...			
DF3F	Card data storage	C(3)	.
...			

...



7.5 Comments

N°	Comment
...	
2	See list of types
3	Mandatory if available
...	



1818 - v1.0 - Payment by link indicator

Context

Implementation

Change in Volume 2 - Data Field Dictionary

2.3.10 Alphabetical list

Data element	Field/Sub field
...	
Payment by link indicator	119 type 0050
...	

2.3.11 List by field number

N°	Type	Name	Format	
...				
119		Reserved for national use	LL2VAR	b...999
	0050	Payment by link indicator		an1
...				

2.3.12 Data fields description

...

Field 119 Format: LL2VAR b...999

Reserved for national use

☐ Data type _____ b2

Type	Description	Repeatability
...		
0050	Payment by link indicator	
...		

...



TYPE = 0050: PAYMENT BY LINK INDICATOR

Data format: an1

Number of bytes transported: 1

Type	Description	Repeatability
...		
1	Payment by link	
...		

...

Change in volume 3.3 – Remote payment – Secured electronic payment

8 Messages description

8.1 Authorisation request and response

X: Mandatory C: Conditional F: Optional .: Non-processed field S: Message specific value Q: Same value as in the request QI: Same value as in the initial request RI: Same value as in the initial response

A: Authorisation request : 0100

B: Response to authorization request : 0110

N°	Definition	A	B
...			
119	Reserved for national use	.	C(2)
...			
0050	Payment by link indicator	C(3)	.
...			

8.3 Comments

N°	Comment
...	
2	See list of types
...	
3	Mandatory if available
...	



1819 - v1.0 - VMAAS eligibility

Context

Visa implements a new issuer service, the Visa Multiple-Account Access Service (VMAAS), to allow cardholders to manage multiple funding sources into a single credential. Prior to an authorization request, acceptors may send a VMAAS product eligibility inquiry message to determine the account funding source (AFS) and product ID preselected by the cardholder for the transaction. This inquiry message is a card validity check with a dedicated processing code.

Implementation

Change in Volume 2 - Data Field Dictionary

2.3.13 Data fields description

...

Field 3 Format: n6

Processing code

☐ Transaction description _____ n2

Type	Description	Repeatability
...		
39	Eligibility inquiry	
...		

...



1820 - v1.0 - FPAN expiry date

Context

For some schemes, for tokenized transaction, the FPAN and its expiry date are sent in authorisation responses and must be used in debt recovery requests. The FPAN expiry date is added in CB2A.

Implementation

Change in Volume 2 - Data Field Dictionary

2.3.14 Alphabetical list

Data element	Field/Sub field
...	
FPAN expiry date	119 type 0012
...	

2.3.15 List by field number

N°	Type	Name	Format	
...				
119		Reserved for national use	LL2VAR	b...999
...				
	0012	FPAN expiry date		n4
...				

2.3.16 Data fields description

...

Field 119 Format: LL2VAR b...999

Reserved for national use

☐ Data type _____ b2

Type	Description	Repeatability
...		
0012	FPAN expiry date	
...		

...



TYPE = 0012: FPAN EXPIRY DATE

Data format: n4

Number of bytes transported: 2

...

Change in volume 3.2 – Face-to-face payment – Unattended payment

7 Messages description

7.1 Authorisation request and response

X: Mandatory C: Conditional F: Optional .: Non-processed field S: Message specific value Q: Same value as in the request QI: Same value as in the initial request RI: Same value as in the initial response

A: Payment autho. req. (EMV chip and contactless EMV chip) : **0100**

B: Payment autho. request (magn. stripe and contactless magn. stripe) : **0100**

C: Resp. to payment autho. req. (contact and contactless) : **0110**

N°	Definition	A	B	C
...		.	.	C(2)
119	Reserved for national use	C(2)	C(2)	C(2)
...		.	.	C(2)
0012	FPAN expiry date	.	.	C(3)
...				

7.5 Comments

N°	Comment
...	
2	See list of types
3	Mandatory if available
...	



1823 - v1.0 - Debit funds transfer

Context

Some fields are added for debit funds transfer.

Implementation

Change in Volume 2 - Data Field Dictionary

2.3.1 Alphabetical list

...

Data element	Field/Sub field
...	
Additional funds transfer data	118
...	

2.3.2 List by field number

...

N°	Type	Name	Format	
...				
118		See ISO 8583 standard Additional funds transfer data	LLL2VAR	ans...255 b...999
	0001	Nomenclature		an1
	1000	Unique transfer reference		ans1...35
	1001	Application type identifier		an1...3
	1002	Funding source		n2
	1003	Transfer reason		ans1...35
	1004	Label or message		ans1...65
	1005	Customer language		ans2...3
	1006	Customer language message		b1...50
	1007	Agreement ID		ans4
	2000	Payer/Participant identifier		ans1...35
	2001	Payer/PAN		n...19
	2002	Payer/First name		ans1...35
	2003	Payer/Middle name		ans1...35
	2004	Payer/Last name		ans1...35
	2005	Payer/Address		ans1...50



N°	Type	Name	Format
	2006	Payer/Postcode	ans1...10
	2007	Payer/City	ans1...25
	2008	Payer/State or province	ans2...3
	2009	Payer/Country	ans3
	2010	Payer/Phone	ans1...20
	2011	Payer/Birth date	n8
	2012	Payer/BIC	ans1...11
	2013	Payer/IBAN	an...34
	2014	Payer/Account number	an1...35
	2015	Payer/Identity document	an...4
	2016	Payer/ID number	ans...35
	2017	Payer/ID country code	ans3
	2018	Payer/Nationality	ans3
	2019	Payer/Account number type	n2
	2020	Payer/Identity Sub Type	an2
	2021	Payer/Account identifier value	ans34
	2022	Payer/Account identifier type code	an2
	3001	Payee/PAN	n...19
	3002	Payee/First name	ans1...35
	3003	Payee/Middle name	ans1...35
	3004	Payee/Last name	ans1...35
	3005	Payee/Address	ans1...50
	3006	Payee/Postcode	ans1...10
	3007	Payee/City	ans1...25
	3008	Payee/State or province	ans2...3
	3009	Payee/Country	ans3
	3010	Payee/Phone	ans1...20
	3011	Payee/Birth date	n8
	3012	Payee/BIC	ans1...11
	3014	Payee/Account number	ans1...35
	3015	Payee/Identity document	an...4
	3016	Payee/ID number	ans...35
	3017	Payee/ID country code	ans3



N°	Type	Name	Format	
	3018	Payee/Nationality		ans3
	3019	Payee/Account number type		n2
	3020	Payee/Identity Sub Type		an2
	3021	Payee/Account identifier value		ans34
	3022	Payee/Account identifier type code		an2

2.3.3 Data fields description

...

Field 118	Format : LL2VAR b...999
------------------	--------------------------------

Additional funds transfer data

□ Data type _____ b2

Value	Description	Repeatability
0001	Nomenclature	
1000	Unique transfer reference	
1001	Application type identifier	
1002	Funding source	
1003	Transfer reason	
1004	Label or message	
1005	Customer language	
1006	Customer language message	
1007	Agreement ID	
2000	Payer/Participant identifier	
2001	Payer/PAN	
2002	Payer/First name	
2003	Payer/Middle name	
2004	Payer/Last name	
2005	Payer/Address	
2006	Payer/Postcode	
2007	Payer/City	
2008	Payer/State or province	
2009	Payer/Country	
2010	Payer/Phone	



Value	Description	Repeatability
2011	Payer/Birth date	
2012	Payer/BIC	
2013	Payer/IBAN	
2014	Payer/Account number	
2015	Payer/Identity document	
2016	Payer/ID number	
2017	Payer/ID country code	
2018	Payer/Nationality	
2019	Payer/Account number type	
2020	Payer/Identity Sub Type	
2021	Payer/Account identifier value	
2022	Payer/Account identifier type code	
3001	Payee/PAN	
3002	Payee/First name	
3003	Payee/Middle name	
3004	Payee/Last name	
3005	Payee/Address	
3006	Payee/Postcode	
3007	Payee/City	
3008	Payee/State or province	
3009	Payee/Country	
3010	Payee/Phone	
3011	Payee/Birth date	
3012	Payee/BIC	
3014	Payee/Account number	
3015	Payee/Identity document	
3016	Payee/ID number	
3017	Payee/ID country code	
3018	Payee/Nationality	
3019	Payee/Account number type	
3020	Payee/Identity Sub Type	
3021	Payee/Account identifier value	
3022	Payee/Account identifier type code	



- ❑ Data length_____ b2
- ❑ Data value.

➤ **TYPE = 0001: NOMENCLATURE**

Data format: an 1 Number of bytes transported: 1

Indicates the network involved in the coding of data in the field.

Value	Meaning
1	CB
2	Visa
3	MasterCard

➤ **TYPE = 1000: UNIQUE TRANSFER REFERENCE**

Data format: ans 1..35 Number of bytes transported: 1..35

Contains a unique reference to identify the funds transfer transaction.

➤ **TYPE = 1001: APPLICATION TYPE IDENTIFIER**

Data format: an 1...3 Number of bytes transported: 1..3

Identifies the type of application that initiated the transaction.

Refer to each scheme rules.

➤ **TYPE = 1002: SOURCE OF THE FUNDS**

Data format: n 2 Number of bytes transported: 1

Source of the funds.

➤ **TYPE = 1003: TRANSFER REASON**

Data format: ans 1..35 Number of bytes transported: 1..35

Reason for the transfer.

➤ **TYPE = 1004: LABEL OR MESSAGE**

Data format: ans 1..65 Number of bytes transported: 1..65

Text or a message.

➤ **TYPE = 1005: CUSTOMER LANGUAGE**

Data format: ans 2..3 Number of bytes transported: 2..3

Language used by the customer.



➤ **TYPE = 1006: CUSTOMER LANGUAGE MESSAGE**

Data format: b 1..50 Number of bytes transported: 1..50

Message in the customer's language.

➤ **TYPE = 1007: AGREEMENT ID**

Data format: ans4 Number of bytes transported: 4

➤ **TYPE = 2000: PAYER/PARTICIPANT IDENTIFIER**

Data format: ans 1..35 Number of bytes transported: 1..35

Payer's participant identifier at the Payer side.

➤ **TYPE = 2001: PAYER/PAN**

Data format: n..19 Number of bytes transported: ..10

Payer's PAN.

Note : When the PAN has an odd number of positions, the first position is equal to 0 and that the first useful position is the second one.

➤ **TYPE = 2002: PAYER/FIRST NAME**

Data format: ans 1..35 Number of bytes transported: 1..35

Payer's first name.

➤ **TYPE = 2003: PAYER/MIDDLE NAME**

Data format: ans 1..35 Number of bytes transported: 1..35

Payer's middle name.

➤ **TYPE = 2004: PAYER/LAST NAME**

Data format: ans 1..35 Number of bytes transported: 1..35

Payer's last name.

➤ **TYPE = 2005: PAYER/ADDRESS**

Data format: ans 1..50 Number of bytes transported: 1..50

Payer's address.

➤ **TYPE = 2006: PAYER/POSTCODE**

Data format: ans 1..10 Number of bytes transported: 1..10

Payer's postal code.



➤ **TYPE = 2007: PAYER/CITY**

Data format: ans 1..25 Number of bytes transported: 1..25
Payer's city.

➤ **TYPE = 2008: PAYER/STATE OR PROVINCE**

Data format: ans 2..3 Number of bytes transported: 2..3
Payer's state or province.

➤ **TYPE = 2009: PAYER/COUNTRY**

Data format: ans 3 Number of bytes transported: 3
Payer's country.

➤ **TYPE = 2010: PAYER/PHONE**

Data format: ans 1..20 Number of bytes transported: 1..20
Payer's phone number.

➤ **TYPE = 2011: PAYER/BIRTH DATE**

Data format: n 8 Number of bytes transported: 4
Payer's birth date (MMDDYYYY format).

➤ **TYPE = 2012: PAYER/BIC**

Data format: ans 1..11 Number of bytes transported: 1..11
International Bank Identifier Code for the Payer's bank account.

➤ **TYPE = 2013: PAYER/IBAN**

Data format: an..34 Number of bytes transported: ..34
International Bank Account Number for the Payer's bank account.

➤ **TYPE = 2014: PAYER/ACCOUNT NUMBER**

Data format: an 1...35 Number of bytes transported: 1..35
Payer's account number.

➤ **TYPE = 2015: PAYER/IDENTITY DOCUMENT**

Data format: ans ..4 Number of bytes transported: ..4
Type of identity document used to identify the Payer.



➤ **TYPE = 2016: PAYER/ID NUMBER**

Data format: ans ..35 Number of bytes transported: ..35

Number of the identity document used to identify the Payer.

➤ **TYPE = 2017: PAYER/ID COUNTRY CODE**

Data format: ans 3 Number of bytes transported: 3

Issuing country code of the identity document used to identify the Payer.

➤ **TYPE = 2018: PAYER/NATIONALITY**

Data format: ans 3 Number of bytes transported: 3

Nationality of the Payer.

➤ **TYPE = 2019: PAYER/ACCOUNT NUMBER TYPE**

Data format: n2 Number of bytes transported: 1

Account number type of the payer.

➤ **TYPE = 2020 : PAYER/IDENTITY SUB TYPE**

Data format: an 2 Number of bytes transported: 2

➤ **TYPE = 2021 : PAYER/ACCOUNT IDENTIFIER VALUE**

Data format: ans34 Number of bytes transported: 34

➤ **TYPE = 2022 : PAYER/ACCOUNT IDENTIFIER TYPE CODE**

Data format: an2 Number of bytes transported: 2

➤ **TYPE = 3001: PAYEE/PAN**

Data format: n..19 Number of bytes transported: ..10

Payee's PAN.

Note : When the PAN has an odd number of positions, the first position is equal to 0 and that the first useful position is the second one.

➤ **TYPE = 3002: PAYEE/FIRST NAME**

Data format: ans 1..35 Number of bytes transported: 1..35

Payee's first name.



➤ **TYPE = 3003: PAYEE/MIDDLE NAME**

Data format: ans 1..35 Number of bytes transported: 1..35
Payee's middle name.

➤ **TYPE = 3004: PAYEE/LAST NAME**

Data format: ans 1..35 Number of bytes transported: 1..35
Payee's last name.

➤ **TYPE = 3005: PAYEE/ADDRESS**

Data format: ans 1..50 Number of bytes transported: 1..50
Payee's address.

➤ **TYPE = 3006: PAYEE/POSTCODE**

Data format: ans 1..10 Number of bytes transported: 1..10
Payee's postal code.

➤ **TYPE = 3007: PAYEE/CITY**

Data format: ans 1..25 Number of bytes transported: 1..25
Payee's city.

➤ **TYPE = 3008: PAYEE/STATE OR PROVINCE**

Data format: ans 2..3 Number of bytes transported: 2..3
Payee's state or province.

➤ **TYPE = 3009: PAYEE/COUNTRY**

Data format: ans 3 Number of bytes transported: 3
Payee's country.

➤ **TYPE = 3010: PAYEE/PHONE**

Data format: ans 1..20 Number of bytes transported: 1..20
Payee's phone number.

➤ **TYPE = 3011: PAYEE/BIRTH DATE**

Data format: n 8 Number of bytes transported: 4
Payee's birth date (MMDDYYYY format).



➤ **TYPE = 3012: PAYEE/BIC**

Data format: ans 1..11 Number of bytes transported: 1..11
International Bank Identifier Code for the payee's bank account.

➤ **TYPE = 3014: PAYEE/ACCOUNT NUMBER**

Data format: an 1.35 Number of bytes transported: 1..35
Payee's account number.

➤ **TYPE = 3015: PAYEE/IDENTITY DOCUMENT**

Data format: ans ..4 Number of bytes transported: ..4
Type of identity document used to identify the payee.

➤ **TYPE = 3016: PAYEE/ID NUMBER**

Data format: ans ..35 Number of bytes transported: ..35
Number of the identity document used to identify the payee.

➤ **TYPE = 3017: PAYEE/ID COUNTRY CODE**

Data format: ans 3 Number of bytes transported: 3
Issuing country code of the identity document used to identify the payee.

➤ **TYPE = 3018: PAYEE/NATIONALITY**

Data format: ans 3 Number of bytes transported: 3
Nationality of the payee.

➤ **TYPE = 3019: PAYEE/ACCOUNT NUMBER TYPE**

Data format: n2 Number of bytes transported: 1
Account number type of the payee.

➤ **TYPE = 3020 : PAYEE/IDENTITY SUB TYPE**

Data format: an 2 Number of bytes transported: 2

➤ **TYPE = 3021 : PAYEE/ACCOUNT IDENTIFIER VALUE**

Data format: ans34 Number of bytes transported: 34

➤ **TYPE = 3022 : PAYEE/ACCOUNT IDENTIFIER TYPE CODE**



Data format: an2

Number of bytes transported: 2

...

Change in volume 3.3 – Remote payment – Secured electronic payment

8 Messages description

8.1 Authorisation request and response

X: Mandatory C: Conditional F: Optional ..: Non-processed field S: Message specific value Q: Same value as in the request QI: Same value as in the initial request RI: Same value as in the initial response

A: Authorisation request : 0100

B: Response to authorization request : 0110

N°	Definition	A	B
...			
118	Additional data for funds transfer	C(2)	.
0001	Nomenclature	C(108)	.
0201	National POS geographical data	C(108)	.
1000	Unique transfer reference	C(108)	.
1001	Application type identifier	C(108)	.
1002	Funding source	C(108)	.
1003	Transfer reason	C(108)	.
1004	Label or message	C(108)	.
1005	Customer language	C(108)	.
1006	Customer language message	C(108)	.
1007	Agreement ID	C(108)	.
2000	Payer/Participant identifier	C(108)	.
2001	Payer/PAN	C(108)	.
2002	Payer/First name	C(108)	.
2003	Payer/Middle name	C(108)	.
2004	Payer/Last name	C(108)	.
2005	Payer/Address	C(108)	.
2006	Payer/Postcode	C(108)	.
2007	Payer/City	C(108)	.
2008	Payer/State or province	C(108)	.
2009	Payer/Country	C(108)	.
2010	Payer/Phone	C(108)	.
2011	Payer/Birth date	C(108)	.
2012	Payer/BIC	C(108)	.
2013	Payer/IBAN	C(108)	.
2014	Payer/Account number	C(108)	.
2015	Payer/Identity document	C(108)	.



N°	Definition	A	B
2016	Payer/ID number	C(108)	.
2017	Payer/ID country code	C(108)	.
2018	Payer/Nationality	C(108)	.
2019	Payer/Account number type	C(108)	.
2020	Payer/Identity Sub Type	C(108)	.
2021	Payer/Account identifier value	C(108)	.
2022	Payer/Account identifier type code	C(108)	.
3001	Payee/PAN	C(108)	.
3002	Payee/First name	C(108)	.
3003	Payee/Middle name	C(108)	.
3004	Payee/Last name	C(108)	.
3005	Payee/Address	C(108)	.
3006	Payee/Postcode	C(108)	.
3007	Payee/City	C(108)	.
3008	Payee/State or province	C(108)	.
3009	Payee/Country	C(108)	.
3010	Payee/Phone	C(108)	.
3011	Payee/Birth date	C(108)	.
3012	Payee/BIC	C(108)	.
3014	Payee/Account number	C(108)	.
3015	Payee/Identity document	C(108)	.
3016	Payee/ID number	C(108)	.
3017	Payee/ID country code	C(108)	.
3018	Payee/Nationality	C(108)	.
3019	Payee/Account number type	C(108)	.
3020	Payee/Identity Sub Type	C(108)	.
3021	Payee/Account identifier value	C(108)	.
3022	Payee/Account identifier type code	C(108)	.

8.3 Comments

N°	Comment
...	
2	See list of types
...	
108	May be present. Presence conditions are specific to each scheme.
...	





1831 - v1.0 - Dynamic Currency Conversion data

Context

There is no FrenchSys specification about Dynamic Currency Conversion. However, some private applications already exist or will be soon on the field.

ISO 8583 data elements used for DCC should be used. They are added in CB2A.

Implementation

Change in Volume 2 - Data Field Dictionary

2.3.17 Alphabetical list

Data element	Field/Sub field
...	
Amount, cardholder billing	6
...	
Conversion rate, cardholder billing	10
...	
Currency code, cardholder billing	51
...	

2.3.18 List by field number

N°	Type	Name	Format	
...				
6		See ISO 8583 standard Amount, cardholder billing	n	12
...				
10		See ISO 8583 standard Conversion rate, cardholder billing	n	8
...				
51		See ISO 8583 standard Currency code, cardholder billing	n	3
...				



2.3.19

Data fields description

...

Field 6 **Format: n12**

Amount, cardholder billing

Amount billed to the cardholder, stated in the currency of the cardholder account country.

This amount is stated in the smallest units of the currency specified in field 51.

...

Field 10 **Format: n8**

Conversion rate, cardholder billing

Factor used to convert values between the transaction amount and the amount billed to the cardholder.

The transaction amount (field 4) is multiplied by the cardholder billing conversion rate to obtain the cardholder billing amount (field 6).

...

Field 51 **Format: n3**

Currency code, cardholder billing

Specifies the currency used to express the amount defined in field 6. This is the currency code of the cardholder account's country.

The codes are listed in the ISO 4217 standard document....

...

Change in volume 3.2 – Face-to-face payment – Unattended payment

7 Messages description

7.1 Authorisation request and response

X: Mandatory C: Conditional F: Optional .: Non-processed field S: Message specific value Q: Same value as in the request QI: Same value as in the initial request RI: Same value as in the initial response

A: Payment autho. req. (EMV chip and contactless EMV chip) : 0100	B: Payment autho. request (magn. stripe and contactless magn. stripe) : 0100
C: Resp. to payment autho. req. (contact and contactless) : 0110	

N°	Definition	A	B	C
...				
6	Amount, cardholder billing	C(100)	C(100)	FQ



N°	Definition	A	B	C
...				
10	Conversion rate, cardholder billing	C(100)	C(100)	FQ
...				
51	Currency code, cardholder billing	C(100)	C(100)	FQ
...				

7.5 Comments

N°	Comment
...	
2	See list of types
...	
100	May be used by a private Dynamic Currency Conversion application
...	

...

Change in volume 3.3 – Remote payment – Secured electronic payment

8 Messages description

8.1 Authorisation request and response

X: Mandatory C: Conditional F: Optional ..: Non-processed field S: Message specific value Q: Same value as in the request QI: Same value as in the initial request RI: Same value as in the initial response

A: Authorisation request : 0100

B: Response to authorization request : 0110

N°	Definition	A	B
...			
6	Amount, cardholder billing	C(100)	FQ
...			
10	Conversion rate, cardholder billing	C(100)	FQ
...			
51	Currency code, cardholder billing	C(100)	FQ
...			

8.3 Comments

N°	Comment
...	
2	See list of types
...	
100	May be used by a private Dynamic Currency Conversion application
...	



1836 - v1.0 - Acceptor geographic coordinates

Context

Mastercard Reference:

AN GLB 8431.5 Introducing Geographic Coordinates Data Fields

Mastercard is building on the enhancements introduced in AN 6022 Introduction and Standardization of Transaction Data Elements by providing the ability for acquirers to submit and issuers to receive geographic coordinates for the acceptor and service location.

Implementation

Change in Common - Volume 2 - Data Field Dictionary

2.3.1 Alphabetical list

Data element	Field/Sub field
...	
Acceptor geographic coordinates	119 type 1114
...	
Service location geographic coordinates	119 type 1115
...	

2.3.2 List by field number

N°	Type	Name	Format	
...				
119		Reserved for national use	LL2VAR2	b...999
...				
	1114	Acceptor geographic coordinates		ns...20
	1115	Service location geographic coordinates		ns...20
...				



2.3.3 Data fields description

...

Field 119 **Format: LL2VAR b...999**

Reserved for national use

...

☐ **Data type** _____ **b2**

Type	Description	Repeatability
...		
1114	Acceptor geographic coordinates	
1115	Service location geographic coordinates	
...		

...

➤ **TYPE = 1114 : ACCEPTOR GEOGRAPHIC COORDINATES**

Data format: ns...20

Number of bytes transported: ...20

➤ **TYPE = 1115 : SERVICE LOCATION GEOGRAPHIC COORDINATES**

Data format: ns...20

Number of bytes transported: ...20

...

Change in Volume 3.2 - Face-to-face payment - Unattended payment

Messages description

PAYMENT

A: Payment autho. req. (EMV chip and contactless EMV chip) : **0100**
B: Payment autho. request (magn. stripe and contactless magn. stripe): **0100**
C: Resp. to payment autho. req. (contact and contactless) : **0110**

N°	Definition	A	B	C
...				
119	Reserved for national use	C(2)	C(2)	C(2)
...				
1114	Acceptor geographic coordinates	C(3)	C(3)	.
1115	Service location geographic coordinates	C(3)	C(3)	.
...				

Comments

N°	Comment
...	
2	See list of types
3	Mandatory if available
...	



Change in Volume 3.3 - Remote payment - Secured electronic commerce

Messages description

A: Authorisation request: 0100
B: Response to Authorisation request: 01100

N°	Definition	A	B
...		.	.
119	Reserved for national use	C(2)	C(2)
...			
1114	Acceptor geographic coordinates	C(3)	.
1115	Service location geographic coordinates	C(3)	.
...			

Comments

N°	Comment
...	
2	See list of types
3	Mandatory if available
...	



1845 - v1.0 - Tag 9F26 for credit transaction in contact mode

Context

Some scheme required this tag in authorisation requests for credit in contact mode. The conditions of presence are updated.

Implementation

Change in volume 3.2 – Face-to-face payment – Unattended payment

7 Messages description

7.1 Authorisation request and response

X: Mandatory C: Conditional F: Optional .: Non-processed field S: Message specific value Q: Same value as in the request QI: Same value as in the initial request RI: Same value as in the initial response

A: Payment autho. req. (EMV chip and contactless EMV chip) : 0100	B: Payment autho. request (magn. stripe and contactless magn. stripe) : 0100
C: Resp. to payment autho. req. (contact and contactless) : 0110	

N°	Definition	A	B	C
...		.	.	
55	Integrated circuit card system related data	C(2)	C(2)	C(2)
...				
9F26	Mandatory for a debit transaction, mandatory if available for a contactless credit transaction	C(160)	.	.
...				

...

7.5 Comments

N°	Comment
...	
2	See list of types
160	Mandatory for a debit transaction, mandatory if available for a contactless -credit transaction
...	



1846 - v1.0 - Maximum clearing date

Context

Some schemes populate the expected clearing date in authorisation responses. This date is added in CB2A and may also be set by the Acquirer or the PSP before sending the response to the merchant.

Implementation

Change in Volume 2 - Data Field Dictionary

2.3.20 Alphabetical list

Data element	Field/Sub field
...	
Maximum clearing date	119 type 0083
...	

2.3.21 List by field number

N°	Type	Name	Format	
...				
119		Reserved for national use	LL2VAR	b...999
	0083	Maximum clearing date		n4
...				

2.3.22 Data fields description

...

Field 119 Format: LL2VAR b...999

Reserved for national use

☐ Data type _____ b2

Type	Description	Repeatability
...		
0083	Maximum clearing date	
...		

...



➤ **TYPE = 0083: MAXIMUM CLEARING DATE**

Data format: n4

Number of bytes transported: 2

Date the scheme's rules require the transaction to be cleared.

Julian date: format YDDD with Y from 0 to 9 and DDD from 001 to 366.

...

Change in volume 3.2 – Face-to-face payment – Unattended payment

7 Messages description

7.1 Authorisation request and response

X: Mandatory C: Conditional F: Optional .: Non-processed field S: Message specific value Q: Same value as in the request QI: Same value as in the initial request RI: Same value as in the initial response

A: Payment autho. req. (EMV chip and contactless EMV chip) : **0100**
C: Resp. to payment autho. req. (contact and contactless) : **0110**

B: Payment autho. request (magn. stripe and contactless magn. stripe) : **0100**

N°	Definition	A	B	C
...		.	.	.
119	Reserved for national use	C(2)	C(2)	C(2)
...		.	.	.
0083	Maximum clearing data	.	.	C(3)
...				

7.5 Comments

N°	Comment
...	
2	See list of types
3	Mandatory if available
...	



Change in volume 3.3 – Remote payment – Secured electronic payment

8 Messages description

8.1 Authorisation request and response

X: Mandatory C: Conditional F: Optional .: Non-processed field S: Message specific value Q: Same value as in the request QI: Same value as in the initial request RI: Same value as in the initial response

A: Authorisation request : 0100		B: Response to authorization request : 0110	
N°	Definition	A	B
...			
119	Reserved for national use	.	C(2)
...			
0083	Maximum clearing date	.	C(3)
...			

8.3 Comments

N°	Comment
...	
2	See list of types
...	
3	Mandatory if available
...	