<div style="border:1px solid black; padding:1em; text-align:center;">

**CB2A Authorisation**

**-**

**September 2021**

**-**

**Bulletin 1.6.2**

</div>

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## 1321 – MPADS

### Background:

Some changes are done in the data dictionary to be aligned with MPADS version September 2021:

- The exemption indicator 'Transaction risk analysis – merchant in CB Low Risk Merchant program' isrenamed 'Specific - Scheme Program exemption'.
- For 3DS V2.2, new values are added in:
  - "Transaction Status": value I = Informational Only; 3DS Requestor challenge preferenceacknowledged.
  - "Requestor Challenge Indicator": values 05 to 09.
  - 3DS protocol version number is added.
- The data element 'Electronic commerce transaction security type' is renamed and its value are modified.

### Implementation:

**Change in Volume 2 - Data Field Dictionary**

#### 2.3.1 Alphabetical list

…

| Data element | Field/sub-field |
|---|---|
| … | |
| 3DS protocol version number | 119 type 0022 |
| … | |
| Electronic commerce ~~transaction security~~ authentication type | 59 type 0407 |
| … | |
| Modified electronic commerce ~~security~~ authentication type | 59 type 0413 |
| … | |

#### 2.3.2 List by field number

…

| No. | Type | Name | Format | |
|---|---|---|---|---|
| … | | | | |
| 59 | 0407 | Electronic commerce ~~transaction security~~ authentication type | | n2 |
| **…** | | | | |
| 59 | 0413 | Modified electronic commerce ~~security~~ authentication type | | b1 |
| **…** | | | | |
| 119 | 0022 | 3DS protocol version number | | ans1…8 |
| … | | | | |

Version 1.6.2                    CB2A Authorisation                    September 2021 bulletin

### 2.3.3 Definition of data fields used

…

| Field 56 | Format: LLLVAR b …255 |
|---|---|

**Additional data**

…

| Type = 0033: Exemption indicator |
|---|

…

☐ **Byte 2**_____ **b1**

| Bit | Description |
|---|---|
| 5-8 | RFU |
| 4 | Unattended terminal for transport fare and parking fee |
| 3 | Out of RTS SCA scope |
| 2 | Other cases |
| 1 | ~~Transaction risk analysis – merchant in CB Low Risk Merchant program~~ Specific - Scheme Program exemption |

…

| Field 59 | Format: LLLVAR b …255 |
|---|---|

**National data**

…

| Type 0407: Electronic commerce ~~transaction security~~ authentication type |
|---|

Data format: n2                              Number of bytes transported: 1

| Value | Description |
|---|---|
| ~~08~~ | ~~Non-secured electronic commerce transaction~~ |
| 09 | ~~Secured by any means other than those corresponding to the other values~~No authentication crytogram |
| 20 | ~~Secured electronic commerce~~ Authentication crytogram |
| 21 | ~~Secured via mobile~~ Authentication crytogram issued from a mobile |

…

| Type 0412: Three-domain secure results |
|---|

Data format: Structure                       Number of bytes transported: 4

Describes the result of exchanges using a secured remote payment architecture.

☐ **Nomenclature** _____**n1**

Value 0

~~Specifies the result of the use of the secured remote payment architecture.~~

| ~~Values~~ | ~~Description~~ |
|---|---|
| ~~0~~ | ~~CB~~ |

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☐ **Cardholder authentication**_____ **an1**

For 3DS transactions, corresponds to the "Transaction Status" data element in the EMVCo 3DS specifications so this list below is likely to change according to EMVCo. **Therefore, any relevant value defined by EMV 3DS shall not be rejected by the recipient.**

Value E may be used for third party Wallet.

| Values | Description |
|--------|-------------|
| ~~In the CB nomenclature (Result of cardholder authentication)~~ | |
| A | Proof of transit via ACS |
| E | Successful authentication, without cryptogram |
| I | Informational only |
| N | Unsuccessful authentication |
| U | Call made to ACS |
| Y | Successful authentication, with cryptogram |
| Blank | Timeout on ACS or no call to ACS |

…

**Type 0413: Modified electronic commerce ~~security~~ authentication type**

…

**Type = 0419: Three-domain secure results, others**

☐ **Merchant request for authentication**_____ **n2**

For 3DS transactions, corresponds to the "3DS Requestor Challenge Indicator" data element in the EMVCo 3DS specifications so this list below is likely to change according to EMVCo. **Therefore, any relevant value defined by EMV 3DS shall not be rejected by the recipient.**

| Values | Description |
|--------|-------------|
| 01 | No preference – default value if the data element is absent or not set to a value |
| 02 | No authentication |
| 03 | Authentication requested |
| 04 | Authentication required |
| 05 | No authentication: transaction risk analysis already performed |
| 06 | No authentication: data share only |
| 07 | No authentication: SCA already performed |
| 08 | No authentication: whitelist |
| 09 | Authentication required |

…

**Type = 0420: Electronic commerce data, initial transaction**

…

☐ **Electronic commerce transaction ~~security~~ authentication type**_____ **n2**

…

| Field 119 | Format: LL2VAR b…999 |
|---|---|

**Reserved for national use**

☐ **Data type** _____**b2**

| Type | Description | Repeatability |
|---|---|---|
| … | | |
| 0022 | 3DS protocol version number | |
| … | | |

…

| Type = 0022:    3DS protocol version number |
|---|

Data format: ans1…8                              Number of bytes transported: 1…8

Corresponds to the "Message version number" data element in the EMVCo 3DS specifications.

Default value of '0' if the data element is absent or not set to a value.

Examples: 2.0.0, 2.1.0, 2.2.0

…

**Change to Volume 3.3 – Remote payment -Secured electronic commerce**

**4 Requirements related to multiple payment**

**Cardholder Initiated Transaction**

…

| Data | CB2A authorisation field |
|---|---|
| … | |
| Electronic commerce transaction ~~security~~ authentication type | Field 59 type 0407 |

…

**Subsequent Transactions**

…

| Data | CB2A authorisation field | CB2A Authorisation settings |
|---|---|---|
| … | | |
| Electronic commerce transaction ~~security~~ authentication type of the initial transaction | Field 59 type 0407 | |
| … | | |
| Electronic commerce ~~security~~ authentication type of the initial transaction | Field 59 type 0420/ Electronic commerce transaction ~~security~~ authentication type | Copy of field 59 type 0407 of the initial transaction(*) |
| … | | |

…

**8 Message descriptions**

| | |
|---|---|
| **A:** Authorisation request: **0100** | |
| **B:** Response to authorization request: **0110** | |

| N° | Definition | A | B |
|---|---|---|---|
| … | | | |
| 59 | Reserved for national use | C(2) | . |
| … | | | . |
| 0407 | Electronic commerce ~~security~~ authentication type | C(17) | . |
| … | | | |
| 0413 | Modified electronic commerce ~~security~~ authentication type | . | C(29) |
| … | | | |
| 119 | Reserved for national use | C(2) | . |
| … | | | . |
| 0022 | 3DS protocol version number | C(155) | . |
| … | | | |

| N° | Comment |
|---|---|
| … | |
| 3 | Mandatory if available |
| … | |
| 17 | Mandatory for an electronic commerce debit transaction, mandatory if available for a refund |
| … | |
| 29 | Mandatory if available, otherwise absent |
| … | |
| 155 | Mandatory if 3DS authentication |

## 1322 – MPE

**Background:**

The cardholder verification method used at POS is added.

The contactless device must also be sent in authorisation request for contact transaction if it is available.

**Implementation:**

**Change in Volume 2 - Data Field Dictionary**

### 2.3.1 Alphabetical list

…

| Data element | Field/Sub-field |
|---|---|
| … | |
| Cardholder verification method used at POS | 119 type 1022 |
| … | |

…

### 2.3.2 List by field number

…

| N° | Type | Name | Format | |
|---|---|---|---|---|
| … | | | | |
| 119 | 1022 | Cardholder verification method used at POS | | b1…4 |
| … | | | | |

…

### 2.3.3 Definition of data fields used

…

| Field 119 | Format : LL2VAR b… 999 |
|---|---|

**Reserved for national use**

…

☐    **Data type**    _____**b2**

| Type | Name | Repeatability |
|---|---|---|
| 1022 | Cardholder verification method used at POS | |
| … | | |

…

**Type = 1022:** **Cardholder verification method used at POS**

Data format: b1…4                                          Number of bytes transported: 1…4

Lists the value attributed to each bit of the 16 bits (two characters) which indicate the cardholder verification method used by the POS

☐ **Byte 1_____** **b1**

| b8 | b7 | b6 | b5 | b4 | b3 | b2 | b1 | Description |
|----|----|----|----|----|----|----|----|-------------|
| x |   |   |   |   |   |   |   | 1 = Consumer device CVM |
|   | 0 |   |   |   |   |   |   | Reserved for future use |
|   |   | x |   |   |   |   |   | 1 = Offline PIN encrypted |
|   |   |   | x |   |   |   |   | 1 = Offline PIN in clear |
|   |   |   |   | x |   |   |   | 1 = Online PIN |
|   |   |   |   |   | x |   |   | 1 = Signature |
|   |   |   |   |   |   | x |   | 1 = No CVM |
|   |   |   |   |   |   |   | x | 1 = Unknown |

☐ **Reserved for future use_____** **b3**

**Change to Volume 3.2 – Face-to-face payment / Unattended payment**
**7 Message descriptions**

| 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 | Reserved for national use | C(2) | C(2) | C(2) |
| … |  |  |  |  |
| DF86 | Contactless device | ~~C(48)~~C(3) | ~~C(48)~~C(3) | . |
| … |  |  |  |  |
| 119 | Reserved for national use | C(2) | C(2) | C(2) |
| … |  |  |  |  |
| 1022 | Cardholder verification method used at POS | C(3) | C(3) | FQ |
| … |  |  |  |  |

| No | Comment |
|----|---------|
| … |  |
| 3 | Mandatory if available |
| … |  |
| 48 | Mandatory if available for a contactless transaction |
| … |  |

| 1323 – MPAT |
|---|

**Background:**

Alignment with MPAT September 2021:

- Add a new reason code for authorisation request

- Add PAN in authorisation request response for tokenised transactions

**Implementation :**

**Change in Volume 2 - Data Field Dictionary**

**2.3.1 Alphabetical list**

| Data element | Field/sub-field |
|---|---|
| … | |
| FPAN | 119 type 011 |
| … | |

**2.3.2 List by field number**

…

| No. | Type | Name | Format | |
|---|---|---|---|---|
| … | | | | |
| 119 | | | LL2VAR | b…999 |
| … | | | | |
| | 0011 | FPAN | | n9…19 |
| … | | - | | |

### 2.3.3 Definition of data fields used

…

| Field 59 | Format LLLVAR b…255 |
|---|---|

**National data**

…

| TYPE = 0101: MESSAGE REASON CODE |
|---|

Data format: n4…19                        Number of bytes transported: 2

| Type | Description |
|---|---|
| … | |
| Values 1500 to 1999 specify the reason why a request message (0100) was sent instead of an advice (0120). | |
| … | |
| 1683 | Zero Amount Debt Recovery Transaction |
| … | |

…

| Field 119 | Format LL2VAR b…999 |
|---|---|

**Reserved for national use**

**…**

☐ **Data type_____b2**

| Type | Description | Repeatability |
|---|---|---|
| … | | |
| 0011 | FPAN | |
| … | | |

…

| TYPE = 0011: FPAN |
|---|

Data format: n9…19                  Number of bytes transported: 5 …10

Primary Account Number associated to the token for tokenised transactions.

**Change to Volume 3.2 – Face-to-face payment / Unattended payment**

**7 Message descriptions**

| **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) |
| … | | | | |
| 0011 | FPAN | . | . | C(3) |
| … | | | | |

| No | Comment |
|---|---|
| **…** | |
| 3 | Mandatory if available |
| … | |

## 1327 – Editorial changes

**Background:**

Corrections and editorial changes to the 1.6.1 version

- ERT 43 is renamed.
- Oscar is replaced by nexo.

**Implementation:**

**Change in Volume 2 - Data Field Dictionary**

**2.3.1 Alphabetical list**

…

| Data element | Field/sub-field |
|---|---|
| … | |
| | |
| ~~Oscar~~ nexo Acceptance System identifier | 115 type 0002 |
| ~~Oscar~~ nexo certificate | 115 type 0003 |
| ~~Oscar~~ nexo data | 115 |
| ~~Oscar~~ nexo PoS identifier | 115 type 0001 |
| … | |

**2.3.2 List by field number**

…

| No. | Type | Name | Format | |
|---|---|---|---|---|
| 115 | | ~~Oscar~~ nexo data | LLLVAR | b …255 |
| | 0001 | ~~Oscar~~ nexo PoS identifier | | ans..107 |
| | 0002 | ~~Oscar~~ nexo Acceptance System identifier | | ans..71 |
| | 0003 | ~~Oscar~~ nexo certificate | | ans..35 |

### 2.3.3 Definition of data fields used

…

| Field 59 | Format LLLVAR b…255 |
|---|---|

**National data**

…

| Type = 0200: | ERT (Regulatory and technical environment) |
|---|---|

| Value | Description |
|---|---|
| … | |
| **- Unattended payment:** | |
| …<br>**43** | ~~Payment via an unattended vending machine with mandatory cardholder authentication~~Payment via an unattended terminal with differed payment |
| … | |

…

| Field 115 | Format: LLLVAR b …255 |
|---|---|

**~~Oscar~~ nexo data**

☐ **Data type**_____**b2**

| Type | Description | Repeatability |
|---|---|---|
| 0001 | ~~Oscar~~ nexo PoS identifier | |
| 0002 | ~~Oscar~~ nexo Acceptance System identifier | |
| 0003 | ~~Oscar~~ nexo certificate | |

…

| Type = 0001: | ~~Oscar~~ nexo PoS identifier |
|---|---|

Data format: ans..107                    Number of bytes transported: ..107

Identification of the ~~OSCar~~ nexo terminal.
This field includes ~~EPAS~~ nexo data elements from the ~~OSCar~~ nexo server (POIComponent = "TERM"):
"Identification.ProviderIdentification", "Identification.Identification" and "Identification.SerialNumber", each separated by an anti-slash ("\").

| Type = 0002: | ~~Oscar~~ nexo Acceptance System identifier |
|---|---|

Data format: ans..71                    Number of bytes transported:..71

Identification of the ~~OSCar~~ nexo terminal in the case of an integrated/distributed system.
This field includes ~~EPAS~~ nexo data elements from the ~~OSCar~~ nexo server (POIComponent = "SERV"):
"Identification.ProviderIdentification" and "Identification.Identification", each separated by an anti-slash ("\").

**Type = 0003:** ~~Oscar~~ **nexo** certificate

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

Identification of the ~~OSCar~~ nexo ~~terminal~~ solution.
Reference of the ~~OSCar~~ nexo certificate assigned to the solution
This field contains the ~~EPAS~~ nexo data element "Assessment.Number" of the ~~OSCar~~ nexo application
(POIComponent = "APLI").

**Change to Volume 3.2 – Face-to-face payment / Unattended payment**

**7 Message descriptions**

| **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 |
|---|---|---|---|---|
| … | | | | |
| 115 | ~~Oscar~~ nexo data | C(2) | C(2) | . |
| 0001 | ~~Oscar~~ nexo PoS identifier | C(3) | C(3) | . |
| 0002 | ~~Oscar~~ nexo Acceptance System identifier | C(3) | C(3) | . |
| 0003 | ~~Oscar~~ nexo certificate | C(3) | C(3) | . |
| … | | | | |

| **A:** Proximity wallets payment authorization request: **0100** |
|---|
| **B:** Response to proximity wallets payment autho. request: **0100** |

| N° | Definition | A | B |
|---|---|---|---|
| … | | | |
| 115 | ~~Oscar~~ nexo data | C(2) | . |
| 0001 | ~~Oscar~~ nexo PoS identifier | C(3) | . |
| 0002 | ~~Oscar~~ nexo Acceptance System identifier | C(3) | . |
| 0003 | ~~Oscar~~ nexo certificate | C(3) | . |
| … | | | |

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

| N° | Definition | A | B |
|---|---|---|---|
| … | | | |
| 115 | ~~Oscar~~ nexo data | C(2) | . |
| 0001 | ~~Oscar~~ nexo PoS identifier | CQI(104) | . |
| 0002 | ~~Oscar~~ nexo Acceptance System identifier | CQI(104) | . |
| 0003 | ~~Oscar~~ nexo certificate | CQI(104) | . |
| … | | | |

**Change to Volume 3.3 – Remote payment -Secured electronic commerce**

**7 Message descriptions**

| A: Authorisation request: **0100** |
|---|
| **B:** Response to authorization request: **0110** |

| N° | Definition | A | B |
|---|---|---|---|
| … | | | |
| 115 | ~~Oscar~~ nexo data | C(2) | . |
| 0001 | ~~Oscar~~ nexo PoS identifier | C(3) | . |
| 0002 | ~~Oscar~~ nexo Acceptance System identifier | C(3) | . |
| 0003 | ~~Oscar~~ nexo certificate | C(3) | . |
| … | | | |

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

| N° | Definition | A | B |
|---|---|---|---|
| … | | | |
| 115 | ~~Oscar~~ nexo data | C(2) | . |
| 0001 | ~~Oscar~~ nexo PoS identifier | CQI(104) | . |
| 0002 | ~~Oscar~~ nexo Acceptance System identifier | CQI(104) | . |
| 0003 | ~~Oscar~~ nexo certificate | CQI(104) | . |
| … | | | |

## 1328 – MPE&MPA - new pre-authorisation service

**Background:**

Alignment with MPE/MPA for the new pre-authorisation service out of reservation and rental context:

- the pre-authorisation duration and a new payment use case are needed,

- an authorisation request for additional charges is now managed for an unattended terminal.

Correction: ERT = 57 for 'reservation and rental' unattended payment (80 is used for attended payment).

Editorial: Wording for function code 163 is standardised.

**Implementation :**

**CHANGE IN VOLUME 2 - DATA FIELD DICTIONARY**

**2.3.1. Alphabetical list**

…

| Data element | Field/Sub-field |
|---|---|
| … | |
| Pre-authorisation duration | 119 type 0208 |
| … | |

…

**2.3.2. List by field number**

…

| N° | Type | Name | Format | |
|---|---|---|---|---|
| … | | | | |
| 119 | 0208 | Pre-authorisation duration | | n2 |
| … | | | | |

…

### 2.3.3. Definition of data fields used

…

| Field 56 | Format: LLLVAR b …255 |
|---|---|

**Additional data**

…

| Type = 0028: PAYMENT USE CASE |
|---|

…

| Value | Description |
|---|---|
| 07 | Pre-authorisation out of reservation and rental context |
| 0~~78~~-99 | RFU |

…

| Field 119 | Format: LL2VAR b…999 |
|---|---|

**Reserved for national use**

☐   **Data type** _____**b2**

| Type | Description | Repeatability |
|---|---|---|
| … | | |
| 0208 | Pre-authorisation duration | |
| … | | |

**…**

| Type = 0208: PRE-AUTORISATION DURATION |
|---|

Data format: n2                                      Number of bytes transported: 1

This indicates for how many days the pre-authorisation is valid.

**Change to Volume 3.2 – Face-to-face payment / Unattended payment**

**Requirements related to payment for the reservation and rental of goods or servicespre-authorisation**

**3.1 AUTHORISATION REQUEST TRANSACTION FOR FACE-TO-FACE PAYMENT**

**…**
  **Typical values:**
  - field 22 position 1 and 2 (PAN entry mode) <> 01
  - field 56 type 0028 (Payment use case) = 06 'Reservation and rental payment' or 07 'Pre-authorisation out of reservation and rental'
  - field 59 type 0100 (Function code) = 101'Original authorisation – estimated amount'
  - field 59 type 0101 (Reason code) = 1655 'Pre-authorisation request'
  - field 59 type 0200 (ERT*) = 80
  - field 59 type 0800 (service attribute) = 2 'Pre-authorisation'

    *Regulatory and Technical Environment (ERT)

**3.2 Authorisation request transaction for unattended payment**
  **Typical values:**
  - field 22 position 1 and 2 (PAN entry mode) <> 01 and <> 10
  - field 56 type 0028 (Payment use case) = 06 'Reservation and rental payment' or 07 'Pre-authorisation out of reservation and rental'
  - field 59 type 0100 (Function code) = 101 'Original authorisation – estimated amount'
  - field 59 type 0101 (Reason code) = 1655 'Pre-authorisation request'
  - field 59 type 0200 (ERT*) = ~~8057~~
  - field 59 type 0800 (service attribute) = 2 'Pre-authorisation'

    *Regulatory and Technical Environment (ERT)

**7 Message descriptions**

| 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 |
| --- | --- | --- | --- | --- |
| … | | | | |
| 56 | Reserved for national use | C(2) | C(2) | C(2) |
| … | | | | |
| 0028 | Payment use case | C(63) | C(63) | . |
| … | | | | |
| 119 | | | | |
| … | | | | |
| 0208 | Pre-authorisation duration | C(63) | C(63) | . |
| … | | | | |

| No | Comment |
| --- | --- |
| … | |
| 63 | Mandatory if data element was provided to the system (parameters downloading), otherwise absent |
| … | |

**Change to Volume 3.3 – Remote payment - secured electronic commerce**

**Requirements related to payment for ~~the reservation and rental of goods or services~~pre-authorisation
3.1 Authorisation request transaction related to remote payment**

**Typical values**

~~•field 22 positions 1 and 2 (PAN entry mode) = 01~~
~~•field 59 type 0100 (Function code) = 101 (initial authorisation - estimated amount) or 163 (additional invoice)~~
~~•field 59 type 0101 (Reason code) = 1655 in the initialisation message~~
~~•field 59 type 0200 (ERT*) = 80 or 24 for a secured electronic commerce transaction~~
~~•field 59 type 0800 (service attribute) = 2 or 3~~
~~•field 47 type 24 (file number) of an additional invoice (function code = 163) must be equal to that in the initial request.~~

~~*Regulatory and Technical Environment (ERT)~~

**Typical values for transaction with manual entry on an attended terminal:**
    **Initial pre-authorisation :**
- field 22 positions 1 and 2 (PAN entry mode) = 01 'Manual'

- field 56 type 0028 (Payment use case) = 06 'Reservation and rental payment' or 07 'Pre-authorisation out of reservation and rental'
- field 59 type 0100 (Function code) = 101 (initial authorisation - estimated amount)
- field 59 type 0101 (Reason code) = 1655
- field 59 type 0200 (ERT*) = 80
- field 59 type 0800 (service attribute) = 2 'Pre-authorisation'

    **Additional charges :**

- field 22 positions 1 and 2 (PAN entry mode) = 01 'Manual'
- field 56 type 0028 (Payment use case) = 06 'Reservation and rental payment' or 07 'Pre-authorisation out of reservation and rental'
- field 59 type 0100 (Function code) = 163 (additional charges)
- field 59 type 0200 (ERT*) = 80
- field 59 type 0800 (service attribute) = 3 'Additional pre-authorisation'
- field 47 type 24 (file number) must be equal to that of the initial request
- field 47 type 99 (Original unique transaction identifier) must be equal to field 47 type 95 sent by the issuer in the response to the pre-authorisation request.

**Typical values for additional charges on an unattended terminal:**

- field 22 positions 1 and 2 (PAN entry mode) = 10 'Card on File'
- field 56 type 0028 (Payment use case) = 07 'Pre-authorisation out of reservation and rental'
- field 59 type 0100 (Function code) = 163 (additional charges)
- field 59 type 0200 (ERT*) = 57
- field 59 type 0800 (service attribute) = 3 'Additional pre-authorisation'
- field 47 type 24 (file number) must be equal to that of the initial request
- field 47 type 99 (Original unique transaction identifier) must be equal to field 47 type 95 sent by the issuer in the response to the pre-authorisation request.

**Typical values for secured electronic commerce:**

**Initial pre-authorisation :**
- field 56 type 0028 (Payment use case) = 06 'Reservation and rental payment'
- field 59 type 0100 (Function code) = 101 (initial authorisation - estimated amount)
- field 59 type 0101 (Reason code) = 1655
- field 59 type 0200 (ERT*) = 24

**Additional charges :**
- field 56 type 0028 (Payment use case) = 06 'Reservation and rental payment'
- field 59 type 0100 (Function code) = 163 (additional charges)
- field 59 type 0200 (ERT*) = 27
- field 47 type 24 (file number) must be equal to that of the initial request
- field 47 type 99 (Original unique transaction identifier) must be equal to field 47 type 95 sent by the issuer in the response to the pre-authorisation request.

*Regulatory and Technical Environment (ERT)

## 8 Message descriptions

| **A:** Authorisation request **: 0100** |
|---|
| **B:** Response to authorisation request:**0110** |

| N° | Definition | A | B |
|---|---|---|---|
| … | | | |
| 119 | | | |
| … | | | |
| 0208 | Pre-authorisation duration | C(63) | . |
| … | | | |

| No | Comment |
|---|---|
| … | |
| 63 | Mandatory if data element was provided to the system (parameters downloading), otherwise absent |
| … | |

## 1335 – Reattempt indicator

**Background:**

New data elements are created to allow acquirers to inform merchants that reattempt is possible or not when an authorisation request is declined.

Those data elements are populated by the acquirers' international gateway and may be modified by the acquirers.

Reattempt is:

- not allowed during a frozen period,

- or allowed according to conditions (period and maximum number or reattempts).

**Implementation:**

**CHANGE IN VOLUME 2 - DATA FIELD DICTIONARY**

**2.3.1 Alphabetical list**

…

| Data element | Field/Sub-field |
|---|---|
| … | |
| Reattempt indicator | 119 type 0801 |
| Reattempt frozen period | 119 type 0802 |
| Reattempt conditions | 119 type 0803 |
| … | |

…

**2.3.2 List by fields number**

…

| N° | Type | Name | Format | |
|---|---|---|---|---|
| … | | | | |
| 119 | 0803 | Reattempt conditions | | n6 |
| 119 | 0802 | Reattempt frozen period | | n4 |
| 119 | 0801 | Reattempt indicator | | n2 |
| … | | | | |

…

### 2.3.3 Definition of data fields used

| **Field 119** | **Format: LL2VAR b…999** |
|---|---|

Reserved for national use

…

| Type | Description | Repeatability |
|---|---|---|
| … | | |
| 0801 | Reattempt indicator | |
| 0802 | Reattempt frozen period | |
| 0803 | Reattempt conditions | |
| … | | |

…

**Type = 0801: Reattempt indicator**

Data format: n2                                    Number of bytes transported: 1

Use by acquirers to communicate to merchants the procedure to follow when an authorisation request is declined.

| Values | Description |
|---|---|
| 01 | Obtain new information before the next transaction |
| 02 | Try again later |
| 03 | Never try again |

**Type = 0802: Reattempt frozen period**

Data format: n4                                    Number of bytes transported: 2

Number of hours where reattempt is not allowed

**Type = 0803: Reattempt conditions**

Data format: n6                                    Number of bytes transported: 3

☐ **Reattempt allowed duration**_____ **n4**
☐ **Maximum number of reattempts**_____ **n2**

…

**Change to Volume 3.2 – Face-to-face payment – Unattended payment**

**7 Message descriptions**

| |
|---|
| **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 **p**ayment autho. request (contact and and contactless): **0110** |

| N° | Definition | A | B | C |
|---|---|---|---|---|
| … | | | | |
| 119 | Reserved for national use | C(2) | C(2) | C(2) |
| … | | | . | |
| 0801 | Reattempt indicator | . | . | C(3) |
| 0802 | Reattempt frozen period | . | . | C(160) |
| 0803 | Reattempt conditions | . | . | C(161) |
| … | | | | |

| N° | Comment |
|---|---|
| 3 | Mandatory if available |
| … | |
| 160 | Mandatory if field 119 type 0801 is present and field 119 type 0803 is absent |
| 161 | Mandatory if field 119 type 0801 is present and field 119 type 0802 is absent |
| … | |

**Change to Volume 3.3 – Remote payment -Secured electronic commerce**

**7 Message descriptions**

| |
|---|
| **A:** Authorisation request: **0100** |
| **B:** Response to authorization request: **0110** |

| N° | Definition | A | B |
|---|---|---|---|
| … | | | |
| 119 | Reserved for national use | C(2) | C(2) |
| … | | | . |
| 0801 | Reattempt indicator | . | C(3) |
| 0802 | Reattempt frozen period | . | C(160) |
| 0803 | Reattempt conditions | . | C(161) |
| … | | | |

| N° | Comment |
|---|---|
| 3 | Mandatory if available |
| … | |
| 160 | Mandatory if field 119 type 0801 is present and field 119 type 0803 is absent |
| 161 | Mandatory if field 119 type 0801 is present and field 119 type 0802 is absent |
| … | |

## 1337 – New response codes

**Background:**

New response codes are created.

**Implementation:**

**Change in volume 2 – Data field dictionary**

**2.3.3 Definition of data fields used**

Field 39

**Response code**

…

| Value Field 39 | Description |
|---|---|
| … | … |
| 46 | Closed account |
| 65 | Exceeds withdrawal frequency limit |
| 6P | Verification data failed |
| 75 | PIN entries exceeded |
| 78 | Blocked, first used transaction from new cardholder, and card not properly unblocked |
| 82 | Negative online CAM, dCVV, iCVV, or CVV results Or Offline PIN authentication interrupted |

…