



System specification

Payment by one-off mandate –  
Securities trading

MARCH 2023 (VERSION 3.5)

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# 1 Payment by one-off mandate – Securities trading

## 1.1 Structure input

To ensure correct text output, the ISO-8859-1 character set should be used

Alignment and blanking out of fields

The following rules apply to all fields unless otherwise stated:Alphanumerical

fields:

- Data is left-aligned
- Empty positions are blanked out

Numerical fields:

- Data is right-aligned
- Empty positions are filled with zero(s)

## 1.2 Record types, record layout and completion

Consignments to Mastercard Payment Services always start with:

A. START RECORD FOR CONSIGNMENT

Followed by:

B. START RECORD FOR TASK

C. TRANSACTION RECORD  
(containing items 1 and 2)

D. END RECORD FOR TASK  
Consignments to Mastercard Payment Services always end with:

E. END RECORD FOR CONSIGNMENT

# A START RECORD FOR CONSIGNMENT

The first record in every consignment.

If the record is missing, the consignment will be rejected when it is input into Mastercard Payment Services (MPS).

The record can only occur once per consignment.

FIELD	1	2	3	4	5	6	7	8
FIELD NAME	FORMAT CODE	SERVICE CODE	INSU-RANCE	RECORD TYPE	DATA SENDER	INSU-RANCE	DATA	FILLER
POS.	1 - 2	3 - 4	5 - 6	7 - 8	9 - 16	17 - 23	24 - 31	32 - 80

## FIELD 1 – FORMAT CODE

- Alphanumerical, 2 positions
- Always = NY

## FIELD 2 – SERVICE CODE

- Numerical, 2 positions
- Always = 00 (zero zero)

## FIELD 3 – CONSIGNMENT TYPE

- Numerical, 2 positions
- Always = 00 (zero zero)

## FIELD 4 – RECORD TYPE

- Numerical, 2 positions
- Record type start consignment always = 10 (one zero)

## FIELD 5 – DATA SENDER

- Numerical, 8 positions
- Completed with data sender's CUSTOMER UNIT ID

## FIELD 6 – CONSIGNMENT NUMBER

- Numerical, 7 positions
- Data sender's unique consignment numbering.
- (For example, DD MM (day, month) + sequence number or similar))  
Consignment no. should appear in internal systems/documents.

## FIELD 7 – DATA RECIPIENT

- Numerical, 8 positions
- Mastercard Payment Services' ID always = 00008080

## FIELD 8 – FILLER

- Numerical, 49 positions
- Completed with zeros

1. \* X = ALPHANUMERIC (left-aligned with trailing spaces)  
2. \* N = NUMERIC (right-aligned with leading zeros)

## B START RECORD FOR PAYMENT CLAIM TASK

First record for every task in the consignment.

If the record is missing, the task will be rejected when it is input into Mastercard Payment Services. The record can only occur once per task.

FIELD	1	2	3	4	5	6	7	8
FIELD NAME	FORMAT CODE	SERVICE CODE	TASK TYPE	RECORD TYPE	AGREEMENT ID	TASK NO.	TASK ACCOUNT	FILLER
POS.	1 - 2	3 - 4	5 - 6	7 - 8	9 - 17	18 - 24	25 - 35	36 - 80

### FIELD 1 – FORMAT CODE

- Alphanumerical, 2 positions
- Always = NY

### FIELD 2 – SERVICE CODE

- Numerical, 2 positions
- Payment by one-off mandate always service code = 02 (zero two)

### FIELD 3 – TASK TYPE

- Numerical, 2 positions
- Always = 00 (zero zero)

### FIELD 4 – RECORD TYPE

- Numerical, 2 positions
- Always = 20 (two zero)

### FIELD 5 – AGREEMENT ID

- Numerical, 9 positions
- Completed with registered AGREEMENT ID allocated by Mastercard Payment Services

### FIELD 6 – TASK NUMBER

- Numerical, 7 positions
- There must be unique numbering of tasks for each Agreement ID, 12 months + one day ahead.
- (For example, DD MM (day, month) + sequence number or similar)

### FIELD 7 – TASK ACCOUNT

- Numerical, 11 positions
- Payee's (agreement) bank account

### FIELD 8 – FILLER

- Numerical, 45 positions
- Completed with zeros

1. \* X = ALPHANUMERIC (left-aligned with trailing spaces)  
2. \* N = NUMERIC (right-aligned with leading zeros)

# C TRANSACTION RECORDS

For a transaction to be valid, both items 1 and 2 must be completed.

## ITEM 1

FIELD	1	2	3	4	5	6	7	8	9	10
FIELD NAME	FORMAT CODE	SERVICE CODE	TRANS TYPE	RECORD TYPE	TRANS NO.	DATE	PAYER'S ACCOUNT NO.	AMOUNT	CUSTOMER ID	FILLER
POS.	1 - 2	3 - 4	5 - 6	7 - 8	9 - 15	16 - 21	22 - 32	33 - 49	50 - 74	75 - 80

### FIELD 1 – FORMAT CODE

- Alphanumerical, 2 positions
- Always = NY

### FIELD 2 – SERVICE CODE

- Numerical, 2 positions
- Payment by one-off mandate always service code = 02 (zero two)

### FIELD 3 – TRANSACTION TYPE

- Numerical, 2 positions
- Valid transaction types:
- Transaction without notification - trans type = 02 (zero two)
- Subscription - trans type = 70 (seven zero)

### FIELD 4 – RECORD TYPE

- Numerical, 2 positions
- Always = 30 (three zero)

### FIELD 5 – TRANSACTION NUMBER

- Numerical, 7 positions
- Unique numbering of transactions per task on an ongoing basis per item 1
- NB. The same transaction number must be used for the whole transaction. Transaction numbers must be greater than zero.

### FIELD 6 – DUE DATE

- Numerical, 6 positions
- Completed with DDMMYY (day, month, year)The date must be valid.
- It must not be more than three months ahead.
- If the date entered is not a working day, i.e. Saturday, Sunday or a moveable public holiday, Mastercard Payment Services will use the following workingday as the due date.

### FIELD 7 – PAYER'S ACCOUNT NUMBER

- Numerical, 11 positions

### FIELD 8 – AMOUNT

- Numerical, 17 positions
- The amount is entered in øre

### FIELD 9 – CUSTOMER ID

- Numerical, 25 positions
- Option 1 The field is blanked out.
- Option 2 A valid customer ID is entered, right-aligned, without special characters, and any empty positions are blanked out. Letters cannot be used. A customer ID can be used as an identifier for the transaction, i.e. a reference for the payee.

### FIELD 10 – FILLER

- Numerical, 6 positions
- Completed with zeros.

1. \* X = ALPHANUMERIC (left-aligned with trailing spaces)  
2. \* N = NUMERIC (right-aligned with leading zeros)

## ITEM 2

FIELD	1	2	3	4	5	6	7	8	9
FIELD NAME	FORMAT CODE	SERVICE CODE	TRANS TYPE	RECORD TYPE	TRANS NO.	SHORT NAME	OWN REF	EXTERNAL REF	FILLER
POS.	1 - 2	3 - 4	5 - 6	7 - 8	9 - 15	16 - 25	26 - 50	51 - 75	76 - 80

### FIELD 1 – FORMAT CODE

- Alphanumerical, 2 positions
- Always = NY

### FIELD 2 – SERVICE CODE

- Numerical, 2 positions
- Payment by one-off mandate always service code = 02 (zero two)

### FIELD 3 – TRANSACTION TYPE

- Numerical, 2 positions
- Valid transaction types:
  - Transaction without notification - trans type = 02 (zero two)
  - Subscription - trans type = 70 (seven zero)

### FIELD 4 – RECORD TYPE

Numerical, 2 positions

Record type item 2 always = 31

### FIELD 5 – TRANSACTION NUMBER

Numerical, 7 positions Transaction number from item 1.

### FIELD 6 – ABBREVIATED NAME

- Alphanumerical, 10 positions
- Completed with abbreviated name of payer

### FIELD 7 – OWN REFERENCE

- Alphanumerical, 25 positions
- The field can be used as an identifier for the transaction, i.e. a reference for the payee. Appears in transactiondata.

### FIELD 8 – EXTERNAL REFERENCE

- Alphanumerical, 25 positions
- The field can be used as an identifier for the transaction, i.e. a reference for the payer. The external reference overrides fixed text.
- Transferred to the payer's account statement.

### FIELD 9 – FILLER

- Numerical, 5 positions
- The field is completed with zeros.

1. \* X = ALPHANUMERIC (left-aligned with trailing spaces)  
2. \* N = NUMERIC (right-aligned with leading zeros)

## D END RECORD FOR PAYMENT CLAIM TASK

Last record in every task in the consignment. If the record is missing, the task will be rejected when it is input into Mastercard Payment Services.

There can only be one record per task.

FIELD	1	2	3	4	5	6	7	8	9	10
FIELD NAME	FORMAT CODE	SERVICE CODE	TASK TYPE	RECORD TYPE	NUMBER OF TRANS	NUMBER OF RECORDS	TOTAL AMOUNT	FIRST DUE DATE	LAST DUE DATE	FILLER
POS.	1 - 2	3 - 4	5 - 6	7 - 8	9 - 16	17 - 24	25 - 41	42 - 47	48 - 53	54 - 80

### FIELD 1 – FORMAT CODE

- Alphanumerical, 2 positions
- Always = NY

### FIELD 2 – SERVICE CODE

- Numerical, 2 positions
- Payment by one-off mandate always service code = 02 (zero two)

### FIELD 3 – TASK TYPE

- Numerical, 2 positions
- Always = 00 (zero zero)

### FIELD 4 – RECORD TYPE

- Numerical, 2 positions
- Always = 88 (eight eight)

### FIELD 5 – NUMBER OF TRANSACTIONS

- Numerical, 8 positions
- This field contains the indicated number of transaction records in the task.
- (Item 1 + item 2 = one transaction).

### FIELD 6 – NUMBER OF RECORDS

- Numerical, 8 positions
- This field contains the total number of indicated items/records in the task, including the start record and the end record for the task.

### FIELD 7 – TOTAL AMOUNT

- Numerical, 17 positions
- This field contains the total amount of all transaction records (Field 8 in item 1) in the task. The amount is entered in øre.

### FIELD 8 – FIRST DUE DATE

- Numerical, 6 positions.
- This field contains the earliest indicated due date in the task. Completed with DDMMYY (day, month, year).

### FIELD 9 – LAST DUE DATE

- Numerical, 6 positions.
- This field contains the due date in the task that is furthest ahead. Completed with DDMMYY (day, month, year).

### FIELD 10 – FILLER

- Numerical, 27 positions
- Completed with zeros.

1. \* X = ALPHANUMERIC (left-aligned with trailing spaces)  
2. \* N = NUMERIC (right-aligned with leading zeros)

## E END RECORD FOR CONSIGNMENTS

The last record in every consignment. If the record is missing, the consignment will be rejected when it is input into Mastercard Payment Services.

There can only be one record per consignment.

FIELD	1	2	3	4	5	6	7	8	9
FIELD NAME	FORMAT CODE	SERVICE CODE	INSU-RANCE TYPE	RECORD TYPE	NUMBER OF TRANS	NUMBER OF RECORDS	TOTAL AMOUNT	FIRST DATE	FILLER
POS.	1 - 2	3 - 4	5 - 6	7 - 8	9 - 16	17 - 24	25 - 41	42 - 47	48 - 80

### FIELD 1 – FORMAT CODE

- Alphanumeric, 2 positions
- Always = NY

### FIELD 2 – SERVICE CODE

- Numerical, 2 positions
- Always = 00 (zero zero)

### FIELD 3 – CONSIGNMENT TYPE

- Numerical, 2 positions
- Always = 00 (zero zero)

### FIELD 4 – RECORD TYPE

- Numerical, 2 positions
- Always = 89 (eight nine)

### FIELD 5 – NUMBER OF TRANSACTIONS

- Numerical, 8 positions
- This field contains the indicated number of transaction records in the consignment.
- (Item 1 + item 2 = one transaction)

### FIELD 6 – NUMBER OF RECORDS

- Numerical, 8 positions
- This field contains the total number of indicated items/records in the consignment, including the start record and the end record for the task, and the start record and end record for the consignment.

### FIELD 7 – TOTAL AMOUNT

- Numerical, 17 positions. This field contains the total amount of transaction records in the consignment, and possibly the total amount of all end records for the task in the consignment.
- The amount is entered in øre.

### FIELD 8 – FIRST DATE

- Numerical, 6 positions
- This field contains the earliest indicated due date in the consignment.
- Completed with DDMMYY (day, month, year)

### FIELD 9 – FILLER

- Numerical, 33 positions.
- The field is completed with zeros.

1. \* X = ALPHANUMERIC (left-aligned with trailing spaces)  
2. \* N = NUMERIC (right-aligned with leading zeros)

### 1.3 Organising record input data

Consignments to Mastercard Payment Services can be organised in different ways:

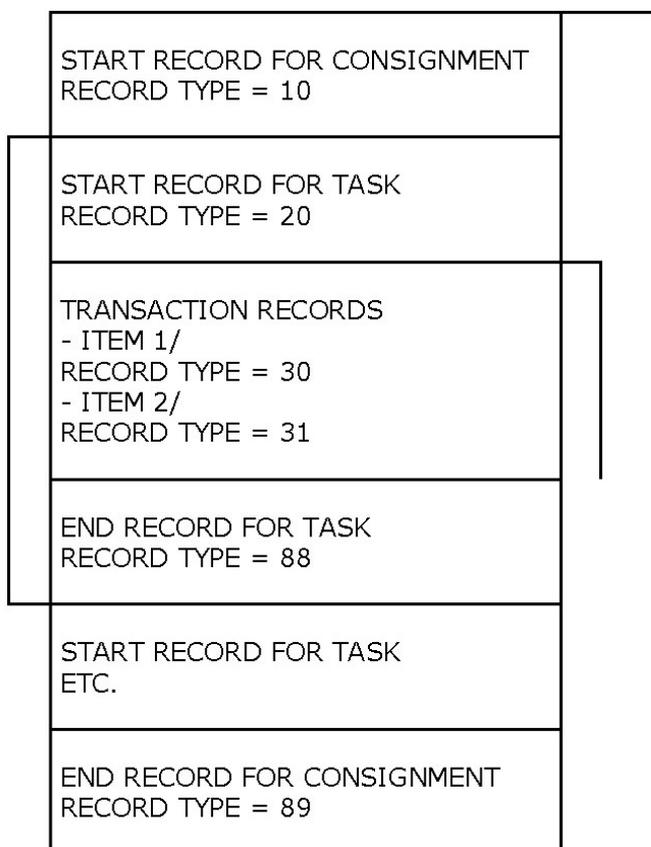
Payment claim tasks can be sent in a separate consignment or possibly with several tasks or one task in a consignment

The start record for a consignment is always the first record and this can only occur once per consignment. A consignment can consist of one or more tasks for one or more services, and from one or more agreements.

This is followed by the start record for payment claim tasks. A task only contains transactions for one agreementID per service.

This is followed by the transaction record. Each transaction consists of 2 items, item 1 and item 2. Both items must exist for a transaction to be valid.

Each task in the consignment must finish with an end record for the task. There can only be one record per agreement ID. The end record for a consignment is always the last record, and this can only occur once per consignment.





## 2 Record layout for consignments from MPS

### 2.1 Alignment and blanking out of fields

The following rules apply, unless otherwise stated for a specific field:

Alphanumerical fields:

- Data is left-aligned
- Empty positions are blanked out

Numerical fields:

- Data is right-aligned
- Empty positions are filled with zero(s).

### 2.2 Record types, record layout and completion

Consignments from Mastercard Payment Services will consist of:

- A. START RECORD FOR CONSIGNMENT
- B. START RECORD FOR TASK
- C. TRANSACTION RECORD

(containing items 1 and 2)

- D. END RECORD FOR TASK
- E. END RECORD FOR CONSIGNMENT

A consignment from Mastercard Payment Services may consist of one or more tasks from one or more services to the same data recipient (per customer unit ID)

# A START RECORD FOR CONSIGNMENTS FROM MASTERCARD PAYMENT SERVICES

The first record in every consignment  
The record can only occur once per consignment.

FIELD	1	2	3	4	5	6	7	8
FIELD NAME	FORMAT CODE	SERVICE CODE	INSURANCE TYPE	RECORD TYPE	DATA SENDER	INSURANCE NO.	DATA	FILLER
POS.	1 - 2	3 - 4	5 - 6	7 - 8	9 - 16	17 - 23	24 - 31	32 - 80

## FIELD 1 – FORMAT CODE

- Alphanumerical, 2 positions
- Always = NY

## FIELD 2 – SERVICE CODE

- Numerical, 2 positions
- Always = 00 (zero zero)

## FIELD 3 – CONSIGNMENT TYPE

- Numerical, 2 positions
- Always = 00 (zero zero)

## FIELD 4 – RECORD TYPE

- Numerical, 2 positions
- Record type start consignment always = 10 (one zero)

## FIELD 5 – DATA SENDER

- Numerical, 8 positions
- Completed with Mastercard Payment Services' ID = 00008080

## FIELD 6 – CONSIGNMENT NUMBER

- Numerical, 7 positions
- Completed with sequence no. generated by Mastercard Payment Services

## FIELD 7 – DATA RECIPIENT

- Numerical, 8 positions
- Completed with data recipient's CUSTOMER UNIT ID

## FIELD 8 – FILLER

- Numerical, 49 positions
- Completed with zeros

1. \* X = ALPHANUMERIC (left-aligned with trailing spaces)  
2. \* N = NUMERIC (right-aligned with leading zeros)

## B START RECORD FOR CREDITED, SETTLED TASK

First record for every task in the consignment.

The record can only occur once per task.

FIELD	1	2	3	4	5	6	7	8
FIELD NAME	FORMAT CODE	SERVICE CODE	TASK TYPE	RECORD TYPE	AGREEMENT ID	TASK NO.	TASK ACCOUNT	FILLER
POS.	1 - 2	3 - 4	5 - 6	7 - 8	9 - 17	18 - 24	25 - 35	36 - 80

### FIELD 1 – FORMAT CODE

- Alphanumerical, 2 positions
- Always = NY

### FIELD 2 – SERVICE CODE

- Numerical, 2 positions
- Payment by one-off mandate always service code = 02 (zero two)

### FIELD 3 – TASK TYPE

- Numerical, 2 positions
- Always = 00 (zero zero)

### FIELD 4 – RECORD TYPE

- Numerical, 2 positions
- Record type start task always = 20 (two zero)

### FIELD 5 – AGREEMENT ID

- Numerical, 9 positions
- Completed with registered AGREEMENTID allocated by Mastercard Payment Services

### FIELD 6 – TASK NUMBER

- Numerical, 7 positions
- Completed with sequence no. accumulated for each task in the consignment generated by Mastercard Payment Services.

### FIELD 7 – TASK ACCOUNT

- Numerical, 11 positions
- Completed with payee's (agreement) bank account

### FIELD 8 – FILLER

- Numerical, 45 positions
- Completed with zeros

1. \* X = ALPHANUMERIC (left-aligned with trailing spaces)  
2. \* N = NUMERIC (right-aligned with leading zeros)

# C TRANSACTION RECORDS

A valid transaction consists of items 1 and 2.

## ITEM 1

FIELD	1	2	3	4	5	6	7	8	9	10
FIELD NAME	FORMAT CODE	SERVICE CODE	TRANS TYPE	RECORD TYPE	TRANS NO.	DATE	PAYER'S ACCOUNT NO	AMOUNT	CUSTOMER ID	FILLER
POS.	1 - 2	3 - 4	5 - 6	7 - 8	9 - 15	16 - 21	22 - 32	33 - 49	50 - 74	75 - 80

### FIELD 1 – FORMAT CODE

- Alphanumerical, 2 positions
- Always = NY

### FIELD 2 – SERVICE CODE

- Numerical, 2 positions
- Payment by one-off mandate always service code = 02 (zero two)

### FIELD 3 – TRANSACTION TYPE

- Numerical, 2 positions
- Valid transaction types:
  - Transaction without notification  
- trans type = 02 (zero two)
  - Subscription  
- trans type = 70 (seven zero)

### FIELD 4 – RECORD TYPE

- Numerical, 2 positions
- Record type item 1 always = 30 (three zero)

### FIELD 5 – TRANSACTION NUMBER

- Numerical, 7 positions
- Completed by Mastercard Payment Services with sequence no. accumulated for each transaction in the task.

### FIELD 6 – DATE

- Numerical, 6 positions
- Completed with settlement date DDMMYY (day, month, year) for the transaction.

### FIELD 7 – PAYER'S ACCOUNT NO.

- Numerical, 11 positions
- Paid with the payer's bank account number.

### FIELD 8 – AMOUNT

- Numerical, 17 positions
- The amount is entered in øre

### FIELD 9 – CUSTOMER ID

- Numerical, 25 positions
- This field contains the payee's customer ID, if stated on the file to Mastercard Payment Services.
- The customer ID is right-aligned, and any empty positions are blanked out.

### FIELD 10 – FILLER

- Numerical, 6 positions
- Completed with zeros.

1. \* X = ALPHANUMERIC (left-aligned with trailing spaces)  
2. \* N = NUMERIC (right-aligned with leading zeros)

## ITEM 2

FIELD	1	2	3	4	5	6	7	8	9
FIELD NAME	FORMAT CODE	SERVICE CODE	TRANS TYPE	RECORD TYPE	TRANS NO.	SHORT NAME	OWN REF NO	EXTERNALREF	FILLER
POS.	1 - 2	3 -4	5 - 6	7 - 8	9 - 15	16 - 25	26 -50	51-75	76 - 80

### FIELD 1 – FORMAT CODE

- Alphanumerical, 2 positions
- Always = NY

### FIELD 5 – TRANSACTION NUMBER

- Numerical, 7 positions
- Transaction number from item 1.

### FIELD 9 – FILLER

- Numerical, 5 positions
- The field is completed with zeros

### FIELD 2 – SERVICE CODE

- Numerical, 2 positions
- Payment by one-off mandate always service code = 02

### FIELD 6 – ABBREVIATED NAME

- Alphanumerical, 10 positions
- Completed with abbreviated name of payer

### FIELD 3 – TRANSACTION TYPE

- Numerical, 2 positions
- Valid transaction types:
- Transaction without notification  
- trans type = 02 (zero two)
- Subscription  
- trans type = 70 (seven zero)

### FIELD 7 – OWN REFERENCE

- Alphanumerical, 25 positions
- Own reference is given if it is stated on the file to Mastercard Payment Services.

### FIELD 4 – RECORD TYPE

- Numerical, 2 positions
- Record type item 2 always = 31 (three one)

### FIELD 8 – EXTERNAL REFERENCE

- Alphanumerical, 25 positions
- External reference is given if it is stated on the file to Mastercard Payment Services.

1. \* X = ALPHANUMERIC (left-aligned with trailing spaces)  
2. \* N = NUMERIC (right-aligned with leading zeros)

## D END RECORD FOR CREDITED, SETTLED TASK

Last record in every task in the consignment.

The record can only occur once per task.

FIELD	1	2	3	4	5	6	7	8	9	10	11
FIELD NAME	FORMAT CODE	SERVICE CODE	TASK TYPE	RECORD TYPE	NUMBER OF TRANSACTIONS	NUMBER OF RECORDS	TOTAL AMOUNT	DATE	FIRST DATE	LAST DATE	FILLER
POS.	1 - 2	3 - 4	5 - 6	7 - 8	9 - 16	17 - 24	25 - 41	42 - 47	48 - 53	54 - 59	60 - 80

### FIELD 1 – FORMAT CODE

- Alphanumerical, 2 positions
- Always = NY

### FIELD 2 – SERVICE CODE

- Numerical, 2 positions
- Payment by one-off mandate always service code = 02 (zero two)

### FIELD 3 – TASK TYPE

- Numerical, 2 positions
- Always = 00 (zero zero)

### FIELD 4 – RECORD TYPE

- Numerical, 2 positions
- Record type final task = 88 (eight eight)

### FIELD 5 – NUMBER OF TRANSACTIONS

- Numerical, 8 positions
- Specifies the number of transactions in the task.
- (Item 1 + item 2 = one transaction).

### FIELD 6 – NUMBER OF RECORDS

- Numerical, 8 positions
- Specifies the total number of items/ records in the task, including the start record and the end record for the task.

### FIELD 7 – TOTAL AMOUNT

- Numerical, 17 positions
- Specifies the total amount of all transactions (field 8 in item 1) in the task.
- The amount is entered in øre.

### FIELD 8 – DATE

- Numerical, 6 positions
- This field contains the date the task is generated in Mastercard Payment Services.
- Completed with DDMMYY (day, month, year).

### FIELD 9 – FIRST DATE

- Numerical, 6 positions
- Earliest processing date (DDMMYY) for transactions in the task.

### FIELD 10 – LAST DATE

- Numerical, 6 positions
- Latest processing date (DDMMYY) for transactions in the task.

### FIELD 11 – FILLER

- Numerical, 21 positions
- The field is completed with zeros

1. \* X = ALPHANUMERIC (left-aligned with trailing spaces)  
2. \* N = NUMERIC (right-aligned with leading zeros)

# E START RECORD FOR TASK FOR REJECTED SECURITIES TRADING TRANSACTIONS

First record for every task in the consignment.  
The record can only occur once per task.

FIELD	1	2	3	4	5	6	7	8
FIELD NAME	FORMAT CODE	SERVICE CODE	TASK TYPE	RECORD TYPE	AGREEMENT ID	TASK NO.	TASK ACCOUNT	FILLER
POS.	1 - 2	3 - 4	5 - 6	7 - 8	9 - 17	18 - 24	25 - 35	36 - 80

## FIELD 1 – FORMAT CODE

- Alphanumerical, 2 positions
- Always = NY

## FIELD 2 – SERVICE CODE

- Numerical, 2 positions
- Payment by one-off mandate always service code = 02 (zero two)

## FIELD 3 – TASK TYPE

- Numerical, 2 positions
- Rejected transactions always = 25 (two five)

## FIELD 4 – RECORD TYPE

- Numerical, 2 positions
- Start task always = 20 (two zero)

## FIELD 5 – AGREEMENT ID

- Numerical, 9 positions
- Completed with registered AGREEMENTID for task account allocated by Mastercard Payment Services.

## FIELD 6 – TASK NUMBER

- Numerical, 7 positions
- Completed with sequence number accumulated for each task in the consignment generated by Mastercard Payment Services.

## FIELD 7 – TASK ACCOUNT

- Numerical, 11 positions
- Completed with payee's (agreement) bank account

## FIELD 8 – FILLER

- Numerical, 45 positions
- Completed with zeros

1. \* X = ALPHANUMERIC (left-aligned with trailing spaces)  
2. \* N = NUMERIC (right-aligned with leading zeros)

# F TRANSACTION RECORDS

A transaction consists of items 1 and 2.

## ITEM 1

FIELD	1	2	3	4	5	6	7	8	9	10
FIELD NAME	FORMAT CODE	SERVICE CODE	TRANS TYPE	RECORD TYPE	TRANS NO.	DATE	PAYER'S ACCOUNT NO.	AMOUNT	CUSTOMER ID	FILLER
POS.	1 - 2	3 - 4	5 - 6	7 - 8	9 - 15	16 - 21	22 - 32	33 - 49	50 - 74	75 - 80

### FIELD 1 – FORMAT CODE

- Alphanumerical, 2 positions
- Always = NY

### FIELD 2 – SERVICE CODE

- Numerical, 2 positions
- Payment by one-off mandate always service code = 02 (zero two)

### FIELD 3 – TRANSACTION TYPE

- Numerical, 2 positions
- Payment by one-off mandate always trans type = 02 (zero two)
- Subscription trans type = 70 (seven zero)

### FIELD 4 – RECORD TYPE

- Numerical, 2 positions
- Record type item 1 always = 35 (three five)

### FIELD 5 – TRANSACTION NUMBER

- Numerical, 7 positions
- Completed by Mastercard Payment Services with sequence number accumulated for each transaction in the task.

### FIELD 6 – DATE

- Numerical, 6 positions
- Completed with processing date DDMMYY (day, month, year) for the transaction.

### FIELD 7 – PAYER'S ACCOUNT NUMBER

- Numerical, 11 positions
- Paid with the payer's bank account number.

### FIELD 8 – AMOUNT

- Numerical, 17 positions
- The amount is entered in øre

### FIELD 9 – CUSTOMER ID

- Numerical, 25 positions
- This field contains the payee's customer ID, if stated in the input data.
- The customer ID is right-aligned, and any empty positions are blanked out.

### FIELD 10 – FILLER

- Numerical, 6 positions
- Completed with zeros.

1. \* X = ALPHANUMERIC (left-aligned with trailing spaces)  
 2. \* N = NUMERIC (right-aligned with leading zeros)

## ITEM 2

FIELD	1	2	3	4	5	6	7	8	9	10
FIELD NAME	FORMAT CODE	SERVICE CODE	TRANS. TYPE	RECORD TYPE	TRANS NO	SHORT NAME	OWN REF. NO	EXTERNAL REF.	ERROR CODE	FILLER
POS.	1 - 2	3 - 4	5 - 6	7 - 8	9 - 15	16 - 5	26 - 50	51-75	76 - 78	79 - 80

### FIELD 1 – FORMAT CODE

- Alphanumerical, 2 positions
- Always = NY

### FIELD 2 – SERVICE CODE

- Numerical, 2 positions
- Payment by one-off mandate always service code = 02 (zero two)

### FIELD 3 – TRANSACTION TYPE

- Numerical, 2 positions
- Valid values are:
- Payment by one-off mandate trans type = 02
- Subscription trans type = 70 (seven zero)

### FIELD 4 – RECORD TYPE

- Numerical, 2 positions
- Record type item 1 always = 36 (three six)

### FIELD 5 – TRANSACTION NUMBER

- Numerical, 7 positions
- Completed by MASTERCARD PAYMENT SERVICES with sequence number accumulated for each transaction in the task.

### FIELD 6 – ABBREVIATED NAME

- Alphanumerical, 10 positions
- Completed with abbreviated name of payer

### FIELD 7 – OWN REFERENCE

- Alphanumerical, 25 positions
- Own reference is given if it is stated on the file to Mastercard Payment Services.

### FIELD 8 – EXTERNAL REFERENCE

- Alphanumerical, 25 positions
- External reference is given if it is stated on the file to Mastercard Payment Services.

### FIELD 9 – ERROR CODE

- Numerical, 3 positions
- Valid value is:  
Amount rejected at payer's bank always = 221

### FIELD 10 – FILLER

- Numerical, 2 positions
- This field is completed with zeros

1. \* X = ALPHANUMERIC (left-aligned with trailing spaces)  
2. \* N = NUMERIC (right-aligned with leading zeros)

# G END RECORD TASK FOR REJECTED SECURITIES TRADING TRANSACTIONS

Last record in every task in the consignment.  
The record can only occur once per task.

FIELD	1	2	3	4	5	6	7	8	9	10	11
FIELD NAME	FORMAT CODE	SERVICE CODE	TASK TYPE	RECORD TYPE	NUMBER OF TRANSACTIONS	NUMBER OF RECORDS	TOTAL AMOUNT	DATE	FIRST DATE	LAST DATE	FILLER
POS.	1 - 2	3 - 4	5 - 6	7 - 8	9 - 16	17 - 24	25 - 41	42 - 47	48 - 53	54 - 59	60 - 80

## FIELD 1 – FORMAT CODE

- Alphanumerical, 2 positions
- Always = NY

## FIELD 2 – SERVICE CODE

- Numerical, 2 positions
- Payment by one-off mandate always service code = 02 (zero two)

## FIELD 3 – TASK TYPE

- Numerical, 2 positions
- Rejected transactions always = 25 (two five)

## FIELD 4 – RECORD TYPE

- Numerical, 2 positions
- Record type final task = 88 (eight eight)

## FIELD 5 – NUMBER OF TRANSACTIONS

- Numerical, 8 positions
- Specifies the number of transactions in the task.
- (Item 1 + item 2 = one transaction).

## FIELD 6 – NUMBER OF RECORDS

- Numerical, 8 positions
- Specifies the total number of items/ records in the task, including the start record and the end record for the task.

## FIELD 7 – TOTAL AMOUNT

- Numerical, 17 positions
- Specifies the total amount of all transactions (field 8 in item 1) in the task.
- The amount is entered in øre.

## FIELD 8 –DATE

- Numerical, 6 positions
- This field contains the date the task is generated in Mastercard Payment Services.
- Completed with DDMMYY (day, month, year).

## FIELD 9 – FIRST DATE

- Numerical, 6 positions
- Earliest processing date (DDMMYY) for transactions in the task.

## FIELD 10 – LAST DATE

- Numerical, 6 positions
- Latest processing date (DDMMYY) for transactions in the task.

## FIELD 11 – FILLER

- Numerical, 21 positions
- This field is completed with zeros

1. \* X = ALPHANUMERIC (left-aligned with trailing spaces)  
2. \* N = NUMERIC (right-aligned with leading zeros)

# H END RECORD FOR CONSIGNMENT

The last record in every consignment.

The record can only occur once per consignment

FIELD	1	2	3	4	5	6	7	8	9
FIELD NAME	FORMAT CODE	SERVICE CODE	INSURANCE TYPE	RECORD TYPE	NUMBER OF TRANSACTIONS	NUMBER OF RECORDS	TOTAL AMOUNT	DATE	FIRST DATE
POS.	1 - 2	3 - 4	5 - 6	7 - 8	9 - 16	17 - 24	25 - 41	42 - 47	48 - 80

## FIELD 1 – FORMAT CODE

- Alphanumerical, 2 positions
- Always = NY

## FIELD 2 – SERVICE CODE

- Numerical, 2 positions
- Always = 00 (zero zero)

## FIELD 3 – CONSIGNMENT TYPE

- Numerical, 2 positions
- Always = 00 (zero zero)

## FIELD 4 – RECORD TYPE

- Numerical, 2 positions
- Record type final consignment = 89 (eight nine)

## FIELD 5 – NUMBER OF TRANSACTIONS

- Numerical, 8 positions
- Specifies the number of transactions in the consignment
- (Item 1 + item 2 = one transaction)

## FIELD 6 – NUMBER OF RECORDS

- Numerical, 8 positions
- Specifies the total number of indicated items/records in the consignment, including the start record and the end record for the task, and the start record and end record for the consignment.

## FIELD 7 – TOTAL AMOUNT

- Numerical, 17 positions
- Specifies the total amount of all transactions in the consignment
- The amount is entered in øre

## FIELD 8 – DATE

- Numerical, 6 positions
- This field contains the date the consignment is generated in Mastercard Payment Services
- Completed with DDMMYY (day, month, year)

## FIELD 9 – FILLER

- Numerical, 33 positions
- The field is completed with zeros

1. \* X = ALPHANUMERIC (left-aligned with trailing spaces)  
2. \* N = NUMERIC (right-aligned with leading zeros)



1	START RECORD FOR CONSIGNMENT RECORD TYPE = 10
2	START RECORD FOR TASK RECORD TYPE = 20
3	TRANSACTION RECORDS ITEM 1/RECORD TYPE = 30 ITEM 2/RECORD TYPE = 31
4	END RECORD FOR TASK RECORD TYPE = 88
5	POSSIBLY MORE TASKS ETC
6	END RECORD FOR CONSIGNMENT RECORD TYPE = 89

- 1) Consignment: A consignment can consist of one or more tasks, for one or more services, and from one or more agreements.
- 2) Tasks: A task only contains transactions for one service, and for the same agreement/bank account.
- 3) Transactions: A transaction consists of two records and must contain items 1 and 2 to be valid.
- 4) End record task: Is the record that indicates the end of a task
- 5) Possibly more tasks/with transactions
- 6) End record consignment: Indicates end of consignment

## 4 Calculation of check digits in modulus 10 and 11

### Modulus 10

Modulus 10 – Example:

Field without check digits	1	2	3	4	5	6	7	8	
Weighting for check digit calculation:	1	2	1	2	1	2	1	2	
Products:	1	4	3	8	5	12	7	16	
Digit total:	1	+4	+3	+8	+5	+1+2	+7	+1+6	=38
Check digits	10	-8	=2						

Field with check digits 1 2 3 4 5 6 7 8 2. Digits in the field are multiplied by weighting for check digit calculation 2 1 2 1 2 1 2 1 2, calculated from right to left.

Note: According to this method, you do not add up the products, but the individual digits in the products. Product 12 therefore provides the contribution 1+2 to the digit total. The individual digit in the digit total (in this case 8) is subtracted from 10 and the result is the check digit (in this case 2). If the individual digit in the digit total is 0, the check digit is 0.

### Modulus 11

Modulus 11 – Example:

Field without check digits	1	2	3	4	5	6	7	8	
Weighting for check digit calculation:	3	2	7	6	5	4	3	2	
Products:	3	+4	+21	+24	+25	+24	+21	+16	=138
Division:	138 :11 =12 and a remainder of 6								
Check digits:	11 - 6 = 5								

Field with check digits: 1 2 3 4 5 6 7 8 5

The digits in the field are multiplied by weighting for check digit calculation 2 3 4 5 6 7 2 3 etc. calculated from right to left.

The product total (in this case 138) is divided by 11. The remainder after division (in this case 6) is subtracted from 11, and the result is check digits (in this case 5). If the division goes up

(remainder = 0), the check digit is 0.

If the check digit is 10 (remainder = 1) the check digit must be replaced with - (minus sign). (rest =

0), blir kontrollsiffer 0.

Dersom kontrollsiffer blir 10 (rest = 1) må kontrollsifferet erstattes med - (minus-tegn).

## 5 Change log

VER.	ITEM	DESCRIPTION OF CHANGE	DATE	SIGN.
2.4		New version 2.4	Nov 12	inp
	1	Recommended character set		
	1.2 and 2.2	Changed from Issue to Subscription	Nov 12	inp
	2.2	Added: Subscription trans type = 70 (seven zero)	Nov 12	inp
2.5		New version 2.5	Mai 13	inp
	1.2	Point C, field 7 and 9 – changed from alphanumerical to numerical	Mai 13	inp
	2.2	Point C, field 9 – changed from alphanumerical to numerical	Mai 13	inp
	2.2	Point F, field 9 – changed from alphanumerical to numerical	Mai 13	inp
3.0		New version 3.0	Nov 15	wme
3.1		New logo	Okt 18	Wme
3.2		Has not exist		
3.3		New version 3.2 same as user guide	Juni 2021	mhe
		Changes name from Nets to Mastercard Payment Services	Juni 2021	mhe
3.4		New version 3.4 synchronous with the user manual	Nov 2021	Mhe
3.5		New version 3.5 synchronous with the user manual	March 2023	Mhe



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