

System specification Payment by one-off mandate – Securities trading

MARCH 2023 (VERSION 3.5)

Contents

1 Payment by one-off mandate – Securities trading	5
1.1 Structure input	5
1.2 Record types, record layout and completion A START RECORD FOR CONSIGNMENT B START RECORD FOR PAYMENT CLAIM TASK	5 6 7
C TRANSACTION RECORDS D END RECORD FOR PAYMENT CLAIM TASK	8
E END RECORD FOR CONSIGNMENTS	10 11
1.3 Organising record input data	12
2 Record layout for consignments from MPS	14
2.1 Alignment and blanking out of fields	14
2.2 Record types, record layout and completion	14
A START RECORD FOR CONSIGNMENTS FROM MASTERCARD PAYMENT SERVICES	15
B START RECORD FOR CREDITED, SETTLED TASK	16
C TRANSACTION RECORDS	17
D END RECORD FOR CREDITED, SETTLED TASK	19
E START RECORD FOR TASK FOR REJECTEDSECURITIES TRADING TRANSACTIONS	20
F TRANSACTION RECORDS	21
G END RECORD TASK FOR REJECTED SECURITIES TRADING TRANSACTIONS	23
H END RECORD FOR CONSIGNMENT	24
3 Organising data records from MPS	25
4 Calculation of check digitsin modulus 10 and 11	27
5 Change log	28

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 – FC	ORMAT COE	DE		FIELD 6 – (CONSIGNMENT	NUMBER				
 Alphan 	umerical, 2	positions		• Nume	erical, 7 positio	ns				
 Always 	= NY			 Data s numb 		e consignment				
-ield 2 – Se	RVICE COD	E		• (For example, DD MM (day, month)						
• Numer	ical, 2 posit	tions		+ sequence number or similar)) Consignment no. should appear in						
 Always 	= 00 (zero	zero)		internal systems/documents.						
FIELD 3 – CO	ONSIGNME	NT TYPE		FIELD 7 – D	ATA RECIPIEN	Т				
• Numer	ical, 2 posit	tions		Numerical, 8 positions						
 Always 	= 00 (zero	zero)		 Mastercard Payment Services' ID always = 00008080 						
FIELD 4 – RE	CORD TYPE	E		FIELD 8 – F	IIIER					
• Numer	ical, 2 posit	tions			erical, 49 positi	ons				
	type start = 10 (one z	consignment ero)		Completed with zeros						
FIELD 5 – DA	ATA SENDE	٦								
• Numer	ical, 8 posit	tions								

Completed with data sender's

CUSTOMER UNIT ID

•

 ^{*} X = ALPHANUMERIC (left-aligned with trailing spaces)
 * 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			RECORD TYPE	AGREE- MENT 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 – F	ORMAT COL	DE		FIELD 6 – TA	SK NUMBER						
• Alpha	numerical, 2	2 positions		• Numeri	cal, 7 positior	ıs					
	ys = NY			tasks fo	nust be uniqu or each Agreer s + one day ah		of				
	SERVICE COD			• (For example, DD MM (day, month) +							
• Paym	Numerical, 2 positions Payment by one-off mandate always service code = 02 (zero two)				sequence number or similar) FIELD 7 – TASK ACCOUNT						
				Numerical, 11 positions							
FIELD 3 – T	ASK TYPE			 Payee's (agreement) bank account 							
 Nume 	erical, 2 posi	tions									
 Alway 	/s = 00 (zero	zero)		FIELD 8 – FIL	LER						
FIELD 4 – F	RECORD TYP	E		• Numeri	cal, 45 positic	ons					
• Nume	erical, 2 posi	tions		Completed with zeros							
 Alway 	/s = 20 (two :	zero)									
FIFI D 5 – 4	AGREEMENT	D									
	erical, 9 posit										
Nume	, 5 posi										

Completed with registered ٠ AGREEMENT ID allocated by Mastercard Payment Services

 ^{*} X = ALPHANUMERIC (left-aligned with trailing spaces)
 * 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.

9

^{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 intoMastercard 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 – F	ORMAT CO	DE	FIELD	6 – NUMBE	ER OF RECORD	S	FIELD 9 – FIL	LER		
• Alpha	numerical,	2 positions	•	Numerical, 8	8 positions		• Numerio	cal, 33 posit	tions.	
FIELD 2 – S • Nume	vs = NY SERVICE CO Prical, 2 pos vs = 00 (zerc	itions		of indicated consignmen record and t	ntains the tota items/records t, including the he end record t record and e nent.	in the e start for the task,	• The field	d is complet	ted with zeros	
IELD 3 – (CONSIGNM	ENT TYPE	FIELD	7 – TOTAL /	AMOUNT					
 Numerical, 2 positions Always = 00 (zero zero) 					17 positions. The total am					
				of transactic consignmen	on records in tl t, and possibly					
FIELD 4 – F	RECORD TYP	PE		amount of a the consignr	ll end records nent.	for the taskin				
• Nume	erical, 2 pos	itions	•	The amount	is entered in g	øre.				
 Alway 	/s = 89 (eigh	nt nine)								
			FIELD	8 – FIRST D	ATE					
FIELD 5 – I	NUMBER OI	F TRANSACTIO	NS •	Numerical, 6	5 positions					
• Nume	erical, 8 pos	itions			ntains the ear					
 This field contains the indicated number of transaction records in the consignment. 				 due date in the consignment. Completed with DDMMYY (day, month, year) 						
(Itom	1 + item 2 :	= one transacti	on)							

 ^{*} X = ALPHANUMERIC (left-aligned with trailing spaces)
 * 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 itemsmust 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.

START RECORD FOR CONSIGNMENT RECORD TYPE = 10	
START RECORD FOR TASK RECORD TYPE = 20	
TRANSACTION RECORDS - ITEM 1/ RECORD TYPE = 30 - ITEM 2/ RECORD TYPE = 31	
END RECORD FOR TASK RECORD TYPE = 88	-
START RECORD FOR TASK ETC.	
END RECORD FOR CONSIGNMENT RECORD TYPE = 89	

.

Transactions

Tasks: A task must only contain transactions for one service.

In each task, a collection of transactions with the same due date is called a sub-task.

Consignment: A consignment can consist of one or more tasks for one or more services, and from one ormore agreements.

Example: A consignment with two tasks

VY02002012345678902019229999054321200000000000000000000000000000000000		000000000000000000000000000000000000000
V0202310000001070192950000100010000000000024355.	A/S BEDRIFTEN	00000
V10202310000001ABC H03LETE JAN 97		206006000000
VY0202310000002070197990000100280000000000025000	A/S BEDRIFTEN	000000000000000000000000000000000000000
V10202310000002HANSEN BENHUSLEIE JAN 1997 VY020230000000307019790000010030000000000002500(00000
VY0202310000003SØRLIE TOMHUSLEIE JAN 1997	A/S BEDRIFTEN	00000
V10202310000000350kLik 10MH05Lkik JAN 1997 VY02023000000040701979990001003700000000000030000	Contraction of the second seco	00000
VY0202310000004JENSEN BO HUSLEIE JAN 1997	A/S BEDRIFTEN	00000
V102023100000043ENSEN BO H03LETE JAN 1997 VY02023000000050701979990001004000000000000106305		00000
VY0202310000005BONUS HUSLEIE JAN 1997	A/S BEDRIFTEN	00000
V102023100000005B0N05 H05LETE JAN 1997 VY02023000000060701979910001000200000000001298702		00000
VY02023100000060LSEN FREHUSLEIE JAN 1997	A/S BEDRIFTEN	00000
VY020231000000000000000000000000000000000		00000
VY0202310000007TRADA HUSLEIE JAN 1997	A/S BEDRIFTEN	00000
V102023100000071RADA H03LETE JAN 1997 V102023000000080701971230001006000000000000078715		00000
VY0202310000008MORGEN HUSLEIE JAN 1997	A/S BEDRIFTEN	00000
V102023100000000000000000000000000000000		00000
VY02023100000090LSEN PER HUSLEIE JAN 1997	A/S BEDRIFTEN	00000
V102023100000090LSEN PER HOSLETE JAN 1997 VY0202300000010070197234000100420000000000003000(00000
VY0202310000010NILSEN JANHUSLEIE JAN 1997	A/S BEDRIFTEN	00000
VIO202310000010NILSEN JANHOSLEIE JAN 1997 VYO20088000000100000002200000000021768900070197(
V020020123456789020197199990543212000000000000000		
V1020020123436789020197199990343212000000000000000000000000000000000		000000000000000000000000000000000000000
VY0202310000001JENSEN HUSLETE JAN 1997	A/S BEDRIFTEN	00000
V1020231000000013ENSEN HOSLETE JAN 1997 VY0202300000002130197459000222220000000001850375		00000
		00000
VY0202310000002KROSBY HUSLEIE JAN 1997 VY02023000000031701979991122000000000000000001000	A/S BEDRIFTEN	00000
VY02023000000031701979991122000000000000000000000000000	A/S BEDRIFTEN	00000
V10202310000003HAMMARØ1 - P-PLASS JAN 1997 VY020230000000041601979890055770000000000000007404		
VY02023000000041601979890055770000000000000007404 VY0202310000004SUNDE ELI GARASJE JAN 1997	40 A/S BEDRIFTEN	00000
VIO20231000000450NDE ELI GARASTE JAN 1997 VYO20088000000400000001000000000000019441990701972		

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 oneor 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 6 - CONSIGNMENT NUMBER

Completed with sequence no. generated by Mastercard Payment

Numerical, 7 positions

Services

FIELD 8 – FILLER

FIELD 7 – DATA RECIPIENT

Numerical, 8 positions

CUSTOMER UNIT ID

Numerical, 49 positions

Completed with zeros

Completed with data recipient's

•

•

•

•

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

1. * X = ALPHANUMERIC (left-aligned with traili	ng 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
 Alph Alwa FIELD 2 – Num Payn servi FIELD 3 – Num Valid Tran trai Subs 	ce code = 02 TRANSACTIO erical, 2 pos I transaction saction with ns type = 02 cription	2 positions DE itions off mandate 2 (zero two) DN TYPE itions types: out notificati (zero two)		• FIELC • FIELC •	Numerical, Completed Services wi accumulate the task. 0 6 –DATE Numerical, Completed DDMMYY (the transac 0 7 – PAYER Numerical, Paid with t	th sequence ed for each 6 positions with settle day, month ttion. 'S ACCOUN 11 position	eard Payment e no. transaction in ment date , year) for T NO.	 Nu Th cu Th an bla FIELD 1 Nu	 CUSTOMER ID Imerical, 25 posit is field contains t stomer ID, if state astercard Paymer e customer ID is d any empty posit anked out. FILLER Imerical, 6 position mpleted with zer 	he payee's ed on the file to nt Services. right-aligned, itions are
 Subs - trai FIELD 4 – Num 	cription ns type = 70 RECORD TYP erical, 2 pos	(seven zero) PE	0 (these	• FIELC •	Paid with th number. 08 – AMOL	he payer's l	oank account			

• The amount is entered in øre

 ^{*} X = ALPHANUMERIC (left-aligned with trailing spaces)
 * 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 2 - SERVICE CODE

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

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 (three one)

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
- 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 – 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 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 TRAN- SACTIONS	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 C	ODE		FIELD	0 6 – NUMBER	OF RECORDS		FIELD 9 –	FIRST DATE	E	
• Alpl	hanumerical	, 2 positions		•	Numerical, 8 p	ositions		• Num	erical, 6 pc	sitions	
	ays = NY - SERVICE CC	DDE			Specifies the to records in the record and the for the task.	task, including			est process /IMYY) for ⁻ ask.		s in
Nur	merical, 2 po	sitions								_	
• Pay	Payment by one-off mandate always			FIELD) 7 – TOTAL AN	IOUNT			- LAST DAT		
serv	vice code = 0	2 (zero two)	1	•	Numerical, 17	positions				positions	
	- TASK TYPE nerical, 2 po	sitions		•	Specifies the to transactions (f task.	otal amount of			st processir MMYY) for ask.	-	s in
	ays = 00 (zer			•	The amount is	entered in øre	2.	FIELD 11 -	- FILLER		
FIELD 4 -	- RECORD TY	′PE		FIELD	0 8 –DATE			• Num	erical, 21 p	ositions	
• Nur	merical, 2 po	sitions		•	Numerical, 6 p	ositions		• The f	field is com	pleted with	n zeros
• Rec	ord type fina	al task = 88 (eight eight)		This field conta generated in Services.						
FIELD 5 -	– NUMBER C	OF TRANSAC	TIONS		Completed wi	th DDMMYY	(dav.				
• Nur	merical, 8 po	sitions			month, year).		(201)				
	cifies the nu task.	mber of trai	nsactionsin								
• (Ite	m 1 + item 2	= one trans	action).								

 ^{*} X = ALPHANUMERIC (left-aligned with trailing spaces)
 * N = NUMERIC (right-aligned with leading zeros)

E START RECORD FOR TASK FOR REJECTEDSECURITIES 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
	FORMAT CODE	SERVICE CODE	TASK TYPE	RECORD TYPE	AGREE- MENT 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 – FO	ORMAT CO	DE		FIELD	0 6 – TASK NU	JMBER		
• Alphar	numerical,	2 positions		•	Numerical, 7	positions		
• Always		DE			accumulated	vith sequence for each task generated by vices.	in the	
• Numer	rical, 2 pos	itions						
		off mandate	always	FIELD	7 – TASK AC	COUNT		
service	e code = 02	(zero two)		•				
FIELD 3 – TA	ASK TYPE				Completed w (agreement)	vith payee's bank account		
• Numer	rical, 2 pos	itions						
-		tions always		FIELD	8 – FILLER			
= 25 (t	wo five)			•	Numerical, 4	5 positions		
FIELD 4 – RI	ECORD TYF	ΡE		•	Completed w	vith zeros		
• Numer	rical, 2 pos	itions						
• Start ta	ask always	= 20 (two ze	ro)					
FIELD 5 – A	GREEMFN	ΓID						
_	rical, 9 pos							
i taillei								

Completed with registered AGREEMENTID • for task account allocated by Mastercard Payment Services.

 ^{*} X = ALPHANUMERIC (left-aligned with trailing spaces)
 * 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 – F	ORMAT COL	DE		FIELD 5 –	TRANSACTIC	N NUMBER	F	IELD 9 – CUST	OMER ID	
 Alpha 	numerical, 2	2 positions		• Num	erical, 7 posi	tions	•	Numerical	, 25 positions	
	vs = NY			Servi	ces with seq	astercard Pay uence numbe each transact	er		contains the paye ID, if stated in th	
	SERVICE COD			the t	ask.			The custo	mer ID is right-al	igned,
Nume	Numerical, 2 positions								mpty positions a	re
	Payment by one-off mandate always service code = 02 (zero two)			FIELD 6 –[DATE			blanked o	ut.	
servic	e code = 02	(zero two)		• Num	erical, 6 posi	tions				
				• Com	pleted with	processing of	date F	IELD 10 – FILL	ER	
-ield 3 – 1	FRANSACTIO	N TYPE				month, year)	for •	Numerical	, 6 positions	
Nume	erical, 2 posit	tions		the t	ransaction.		•	Complete	d with zeros.	
•	ent by one-c type = 02 (ze	off mandate ero two)	always	FIELD 7 –	PAYER'S ACC	OUNT NUME	BER			
Subsc	ription			• Num	erical, 11 pos	sitions				
trans	type = 70 (se	even zero)		• Paid num		er's bank acc	ount			
FIELD 4 – F	RECORD TYPI	E								
• Nume	erical, 2 posit	tions		FIELD 8 –	AMOUNT					
Recor	d type item	1 always		• Num	erical, 17 pos	sitions				
= 35 (three five)			• The a	amount is en	tered in øre				

 ^{*} X = ALPHANUMERIC (left-aligned with trailing spaces)
 * 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 TRAN- SACTIONS	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
 Alph Alwa FIELD 2 – Num Payn servi FIELD 3 – Num Rejet 	FORMAT COI anumerical, 2 ays = NY SERVICE COD erical, 2 positi nent by one-o ce code = 02 TASK TYPE erical, 2 positi cted transacti (two five)	2 positions DE tions off mandate (zero two) tions		• FIELI •	D 6 – NUMBEF Numerical, 8 Specifies the records in the record and th task. D 7 – TOTAL A Numerical, 17 Specifies the transactions (task. The amount i	positions total number e task, includir e end record MOUNT ' positions total amount field 8 in item	of items/ ng the start for the of all 1) in the	FIELD 1 • Nu	tions in thetask		
	(FIEL	D 8 –DATE						
FIELD 4 –	RECORD TYP	E			Numerical, 6						
• Reco	erical, 2 posi ord type final (eight eight)		 This field contains the date the task is generated in Mastercard Payment Services. Completed with DDMMYY (day, 								
FIELD 5 –	NUMBER OF	TRANSACTI	ONS		month, year).		(307)				
• Spec	erical, 8 positi ifies the num sactions in the	ber of		FIEL	D 9 – FIRST DA Numerical, 6						

- (Item 1 + item 2 = one transaction).
- Earliest processing date (DDMMYY) for transactions in the task.

^{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

FIEL	D 1	2	3	4	5	6	7	8	9		
FIEL		SERVICE CODE	INSU- RANCE TYPE	RECORD TYPE	NUMBER OF TRAN- SACTIONS	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		
FIEL	.D 1 – FORMAT C	ODE		FIELD 6 – I	NUMBER OF R	ECORDS		FIELD 9 – FILL	ER		
•	Alphanumerica	l, 2 positions		• Nume	erical, 8 positio	ons		Numeric	al, 33 positions		
•	Always = NY			items	/records in the	number of ind e consignmen record and the	t <i>,</i>	• The field	is completed with zeros		
FIEL	.D 2 – SERVICE C				d for the task,						
•	Numerical, 2 po			and e	nd record for	the consignm	ent.				
•	Always = 00 (ze	ro zero)									
				FIELD 7 – 1	TOTAL AMOUN	NT					
FIEL	.D 3 – CONSIGNI	MENT TYPE		Numerical, 17 positions							
•	Numerical, 2 po	ositions			fies the total a						
•	Always = 00 (ze	ro zero)			actions in the	-					
				• The a	mount is ente	red in øre					
FIEL	.D 4 – RECORD T	YPE			ATC						
•	Numerical, 2 po	ositions		FIELD 8 –D							
•	Record type fin	al consignme	nt		erical, 6 positio						
	= 89 (eight nine)		consi	ield contains t gnment is gen ent Services	he date the erated in Mas	tercard				
FIEL	.D 5 – NUMBER (OF TRANSACT	IONS		leted with DD	OMMYY					
•	Numerical, 8 po	ositions			month, year)						
•	Specifies the nut		sactionsin								
•	(Item 1 + item 2	2 = one transa	action)								

 ^{*} X = ALPHANUMERIC (left-aligned with trailing spaces)
 * N = NUMERIC (right-aligned with leading zeros)

3 Organising data records from MPS

The start record for a consignment is always the first record, and there is only one per consignment.

This is followed by the start record for the task and the first record for each task in the consignment, and only once for each task.

This is followed by the transaction record. A transaction always consists of items 1 and 2.

Each task in the consignment finishes with an end record for the task. The last record in the consignment always the end record for the consignment.

Approved/settled and rejected transactions

NY020230000001081211999000100200000000012987020 NY02023100000010LSEN FRE HUSLEIE JAN 1997 A/S BEDRIFTEN 00000 NY0202300000002091211256000100600000000000787150 000000 NY0202310000002MORGEN HUSLEIE JAN 1997 A/S BEDRIFTEN 00000 NY0202300000031012111230001041100000000001063050 000000 NY020231000003BONUS HUSLEIE JAN 1997 A/S BEDRIFTEN 00000 000000 NY0202360000001HAMMARØY P PLASS JAN 1997 A/S BEDRIFTEN 22100 0200029206006000000 NY02023500000020712119990001002800000000000250000 NY0202360000002HANSEN BENHUSLEIE JAN 1997 A/S BEDRIFTEN 22100

- 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
- 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

RECORD TYPE = 89

6) End record consignment: Indicates end of consignment

4 Calculation of check digitsin 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 21, 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, thecheck 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	remaind	er 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 rightto 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



©2021 Mastercard. Mastercard is a registered trademark, and the circles design is a trademark, of Mastercard International Incorporated.