

# System specification – Payment by one-off mandate – Securities trading

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## Payment by one-off mandate – Securities trading

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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 Nets 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 Nets 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 Nets.

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 RECIPIENT	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 = NEW

### 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
- Nets' ID always = 00008080

### FIELD 8 – FILLER

- Numerical, 49 positions
- Completed with 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 Nets.

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 = NEW

### 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 Nets

### 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

## 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.	Nets 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 = NEW

#### 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 at Nets, i.e. Saturday, Sunday or a moveable public holiday, Nets will use the following working day 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.

**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 = NEW

**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 (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
- The field can be used as an identifier for the transaction, i.e. a reference for the payee. Appears in transaction data.

**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.

## 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 Nets.

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 = NEW

### 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.



## 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 Nets.

There can only be one record 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	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

- Alphanumerical, 2 positions
- Always = NEW

### 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.

## 1.3 Organising record input data

Consignments to Nets can be organised in different ways:

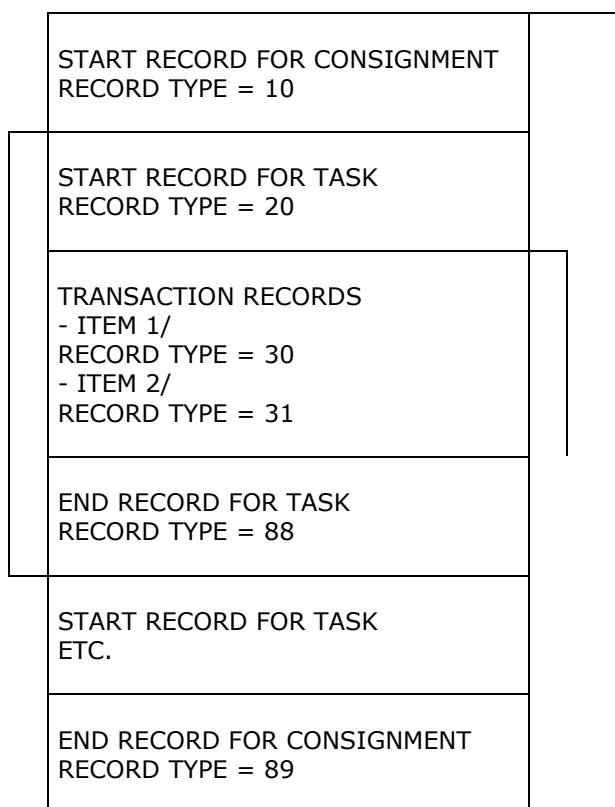
Payment claim tasks can be sent in a separate consignment or possibly with several tasks or one task in a consignment

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 agreement ID 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.



### 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.

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



## **2 Record layout for consignments from Nets**

### **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 Nets 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 Nets 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 Nets

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	RECORDS TYPE	DATA SENDER	INSURANCE NO.	DATA RECIPIENT	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 = NEW

### 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 Nets' ID = 00008080

### FIELD 6 – CONSIGNMENT NUMBER

- Numerical, 7 positions
- Completed with sequence no. generated by Nets

### FIELD 7 – DATA RECIPIENT

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

### FIELD 8 – FILLER

- Numerical, 49 positions
- Completed with 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	RECORDS 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 = NEW

### 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 AGREEMENT ID allocated by Nets

### FIELD 6 – TASK NUMBER

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

### FIELD 7 – TASK ACCOUNT

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

### FIELD 8 – FILLER

- Numerical, 45 positions
- Completed with 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	RECORDS TYPE	TRANS NO.	Nets 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 = NEW

#### 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 Nets with sequence no. accumulated for each transaction in the task.

#### FIELD 6 – Nets DATE

- Numerical, 6 positions
- Completed with Nets' 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 Nets.
- The customer ID is right-aligned, and any empty positions are blanked out.

#### FIELD 10 – FILLER

- Numerical, 6 positions
- Completed with 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 = NEW

### 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 (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 Nets.

### FIELD 8 – EXTERNAL REFERENCE

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

### FIELD 9 – FILLER

- Numerical, 5 positions
- The field is completed with 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.	Nets DATE	FIRST Nets DATE	LAST Nets 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 = NEW

#### 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 – Nets DATE

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

#### FIELD 9 – FIRST Nets DATE

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

#### FIELD 10 – LAST Nets DATE

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

#### FIELD 11 – FILLER

- Numerical, 21 positions
- The field is completed with 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 = NEW

### 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 AGREEMENT ID for task account allocated by Nets.

### FIELD 6 – TASK NUMBER

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

### FIELD 7 – TASK ACCOUNT

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

### FIELD 8 – FILLER

- Numerical, 45 positions
- Completed with 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.	NETS 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 = NEW

#### 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 Nets with sequence number accumulated for each transaction in the task.

#### FIELD 6 – NETS DATE

- Numerical, 6 positions
- Completed with Nets' 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.

## 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.	SHOR NAME	OWN REF.	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 = NEW

### 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 NETS 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 Nets.

### FIELD 8 – EXTERNAL REFERENCE

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

### 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

## 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	NETS DATE	FIRST NETS DATE	LAST NETS 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 = NEW

### 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 – NETS DATE

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

### FIELD 9 – FIRST NETS DATE

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

### FIELD 10 – LAST NETS DATE

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

### FIELD 11 – FILLER

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

- Alphanumerical, 2 positions
- Always = NEW

### 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 – Nets DATE

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

### FIELD 9 – FILLER

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

### 3 Organising data records from Nets

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 is always the end record for the consignment.

#### Approved/settled and rejected transactions

NY0000100000808000000011234567800			
NY02002012345678900000019999054321200			
NY020230000000108121199900010020000000000012987020			000000
NY0202310000001OLSEN FRE HUSLEIE JAN 1997	A/S	BEDRIFTEN	00000
NY020230000000209121125600010060000000000000787150			000000
NY0202310000002MORGEN HUSLEIE JAN 1997	A/S	BEDRIFTEN	00000
NY020230000000310121112300010411000000000001063050			000000
NY0202310000003BONUS HUSLEIE JAN 1997	A/S	BEDRIFTEN	00000
NY02008800000003000000080000000014837170081211101211000000000000000000000000000000000000000			
NY0225201234567890000000299990543212000			
NY020235000000117121199911220123000000000000010000			000000
NY0202360000001HAMMARØY P PLASS JAN 1997	A/S	BEDRIFTEN	22100
NY02023500000020712119990001002800000000000250000			020002920600600000
NY0202360000002HANSEN BENHUSLEIE JAN 1997	A/S	BEDRIFTEN	22100
NY02258800000002000000060000000000260000071211071211171211100000000000000000000000000000000			
NY00008900000005000000160000000001509717007121100			

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, **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).

## 5 Change log

Ver.	Page	Description of change	Date	Sign.
1.0		First version	110908	MHE
1.0		Changed field 6 page 4 Changed text from must to should	120509	mhe
2.0		New version no. allocated	120509	mhe
2.1		New version no. allocated to synchronise with user manual	221009	mhe
2.2		New version no. allocated to synchronise with user manual	190510	mhe
2.3	18, 19 and 21	Added system spec for rejected securities trading transactions	080911	inp
2.3	5 and 6	Added new transaction type	161111	inp
2.3	15 and 16	Added new transaction type	161111	inp
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