

**TKDIS**  
**Format of export/import files**  
**(Domestic payment system - DPS)**

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# 1. Domestic payment system (DPS)

## 1.1 Import/export formats

### 1.1.1 Payment orders - export

Files of exported payment orders (chapter Settings of domestic payment of payment orders) are composed of rows with header sentence, row with summary sentence and one or more rows with individual sentences containing payment orders data.

The line of header sentence has the format as follows:

Position	Length	Contents	
1	18	Ordering party account number	Account number, name and city are copied from first order in the file.
1	3	Bank code t	
4	13	Ordering party account number	
17	2	Empty (Space)	
19	35	Ordering party name	
54	10	Ordering party city	
64	6	Valuation date – only if valuation date is the same for all orders (DDMMYY)	
70	254	Empty (Spaces)	
324	12	Spaces or string "MULTI E-BANK"*	
336	1	Sentence type (0 – main sentence)	
337	2	Line brake (0x0D, 0x0A)	

The line of summary sentence has the format as follows:

Position	Length	Contents	
1	18	Ordering party account number	Account number, name and location are copied from first order in the file.
1	3	Bank code	
4	13	Ordering party account number	
17	2	Empty (Space)	
19	35	Ordering party name	
54	10	Ordering party city	
64	15	Total amount of all orders (last 2 digits are decimal places without coma)	
79	5	Number of debit orders	
84	252	Empty (Spaces)	
336	1	Sentence type (9 –summary sentence)	
337	2	Line brake (0x0D, 0x0A)	

The line of individual sentence has next format:

Position	Length	Contents
1	18	Beneficiary account
1	3	Beneficiary bank code
4	13	Beneficiary account number
17	2	Empty (spaces)
19	35	Beneficiary name
54	10	Beneficiary address
64	1	Filed out with "0"
65	2	Model of Debit reference
67	22	Debit reference
89	140	Payment details
229	5	Filed out with "00000"
234	1	Empty (space)
235	1	Deal value type ("2"-transfer or "3" - compensation)
236	2	Credit statistic code
238	1	Deal value type (empty (space) - compensation, "9"-found return)
239	1	Empty (space)
240	13	Amount E.g.: 2546400 = 25.464,00
253	2	Model of Credit reference
255	22	Credit reference
277	6	Valuation date (DDMMYY)
283	1	Document type ("0" - Payment order, "1" - Payment order JP)
284	13	Tax number
297	1	Type of pay (= "0", "1", "2")
298	6	Type of revenue
304	6	Tax period from (DDMMYY)
310	6	Tax period to (DDMMYY)
316	3	Community
319	7	Budget organization
326	10	Reference to number
336	1	Sentence type (1 - individual sentence)
337	2	Line brake (0x0D, 0x0A)

File ends with symbol 0x1A.

### 1.1.2 Payment orders - import

Imported orders should be in format, which is described in previous chapter.

### 1.1.3 Transactions and statement

Size of line file for export transactions and statement is :

Position	Length	Contents
1	18	Account of partner, beneficiary or orderer - beneficiary "10" - orderer "20"
1	3	Bank code
4	13	Account number
17	2	Empty (spaces)
19	2	Source of information: - "10" - in debit - "20" - in credit - "30" - revoked in debit - "40" - revoked in kredit
21	8	Processing date - booking date (DD.MM.LL)
29	2	Transaction reversal (S)
31	35	Ordering party name
66	1	Empty (Space)
67	6	Valuation date (DDMMLL)
73	18	Ordering party account number
73	3	Bank code
76	13	Account number
89	2	Empty (spaces)
91	15	Amount
106	1	Empty (Space)
107	1	Deal value type ("2"-transfer or "3" - compensation)
108	2	Debit statistic code
110	2	Empty (Space)
112	2	Model of Debit reference
114	23	Debit reference
137	2	Model of Credit reference
139	22	Credit reference
160	140	Payment details
300	10	Beneficiary address
310	35	Beneficiary name
345	22	Complaint number (transaction mark)
367	18	Empty (Space)
385	2	Line brake (0x0D, 0x0A)

File ends with symbol 0x1A.

### 1.1.4 Statement recapitulation

Format of line file for export recapitulation statement is:

Position	Length	Contents
1	2	Type of sentence: (01 - account balance)
3	18	Ordering party account number
3	3	Bank code
6	13	Account number
19	2	Empty (spaces)

21	8	Process date - booking date (DD.MM.LLLL)
29	8	Previous statement date (DD.MM.LLLL)
37	18	Previous statement balance
55	6	Number of debit transactions
61	18	Sum of debit transactions per day
79	6	Number of credit transactions
85	18	Sum of credit transactions per day
103	18	Closing balance
121	6	Number of transactions in waiting row per day
127	18	Summary amount in waiting row per day
145	3	Statement number
148	2	Line brake (0x0D, 0x0A)

File ends with symbol 0x1A.

### 1.1.5 Address book of beneficiaries and their accounts

File in every row contains information about business partner and one of his accounts. In the frame is shown example of texture file to enter the business partner names (In the frame is one row, which is because of the big length shown in several rows):

```
"EBB Sarajevo","Ložionička 2","71000 Sarajevo","BOSNIA AND
HERZEGOVINA","","154001-2000072458","UPI BANKA DD
SARAJEVO","OBALA KKULINA BANA 9A","SARAJEVO","BOSNIA AND
HERZEGOVINA","BA","","UPBKBA22","","010000-0000015488"
```

Row format description:

- Each row contains 15 fields / columns,
- Contents of each field cling pair of double inverted commas,
- Punctuation marks between fields are commas,
- Empty fields are presented with two sequence quotation marks (" " ),
- Row ends with sign 0x0D and 0x0A.

**Comment:** Double-quotation mark within the field is displayed as two double-quotation marks. Thus, for example "THIS IS "" is imported as THIS IS " .

Information is divided into three groups by their contents:

- Fields 1 to 5 included contains information about the beneficiary.
- Fields 6 and 13 contain information about the account model and call.
- Fields between 7 and 12, and field 15 contain information about the bank with which the account is held. The information about the bank is compared with the Address Book of banks data during importing.
- In fields 6 and 13, allowed characters are only numbers from 0 to 9 and hyphen -.

**Comment:** Information model of nominal list is created like that, that enables presentation of information about beneficiary accounts from outside banks, which E-bank for domestic payment don't use.

Table shows meaning and largest allowed width fields. If the field six (account number) is empty, than you enter only information about beneficiary.

Field number	The largest width (signs)	Mandatory	Contents
1	35	*	Last name and first name
2	35		Address
3	35	*	Post code
4	35	*	Country
5	140		Comment
6	34		Account number
7	35		Bank name
8	35		Bank address
9	35		Post number
10	35		Country of bank
11	2		Country code
12	140		Comment about bank
13	11		Bank BIC code
14	24		Model of debit reference and Debit reference
15	35		Bank number