

**PROSW MESSAGE FORMAT
(VA & Offline Bill Payment BANK DKI)**

DRAFT ONLY

**PT. METALOGIC INFOMITRA
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Document Version

Update Date	Description	Author
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Message Detail

NETWORK MANAGEMENT MESSAGES

0800 - Network Management Request Message Format

Bit	Data Element Name	Form	Attr	DER	DESCRIPTION
-	MTI		N4	M	Value must be 0800
-	Bit Map, Primary		AN16	M	Mandatory
1	Bit Map, Secondary		AN16	M	Mandatory
7	Transmission Date/Time	MMDD hhmmss	N10	M	Transmission Date and Time in GMT date and time Format
11	System Trace Audit Number		N6	M	Transaction Trace Number
70	Network Management Information Code		N3	M	Indicates specific function on 0800 message format: 001: Sign On 002: Sign Off 101: Key Exchange 301: Echo

0810 - Network Management Response Message Format

Bit	Data Element Name	Form	Attr	DER	DESCRIPTION
-	MTI		N4	M	Value must be 0800
-	Bit Map, Primary		AN16	M	Mandatory
1	Bit Map, Secondary		AN16	M	Mandatory
7	Transmission Date/Time	MMDD hhmmss	N10	M	Transmission Date and Time in GMT date and time Format
11	System Trace Audit Number		N6	M	Transaction Trace Number
39	Response Code		AN2	M	Transaction Result Code
70	Network Management Information Code		N3	M	Indicates specific function on 0800 message format: 001: Sign On 002: Sign Off 301: Echo

0100/0200/220 - Inquiry/Financial Transaction Message Format Request

Bit	Data Element Name	Form	Attr	DER	DESCRIPTION
-	MTI		N4	M	Value can be 0200/0220
-	Bit Map, Primary		AN16	M	Mandatory
1	Bit Map, Secondary		AN16	M	Mandatory
2	Primary Account Number	LLvar	AN19	M	Contain Card Number
3	Processing Code		N6	M	See Data Element Definition Detail
4	Transaction Amount		N12	M	
7	Transmission Date/Time	MMDD hhmmss	N10	M	Transmission Date and Time in GMT date and time Format
11	System Trace Audit Number		N6	M	Transaction Trace Number
12	Time, Local Transaction	Hhmmss	N6	M	The Local Time which the transaction take places
13	Date, Local Transaction	MMDD	N4	M	The local Month and day
15	Settlement Date	MMDD	N4	M	
18	Merchant Type		N4	M	
32	Act Inst Code	LLVar	N11	M	
33	Fwd Inst Code	LLVar	N11	M	
35	Track 2 Data		AN..27	O	
37	Retrieval RefNum		AN12	M	Filled with RefNum when it needed
41	CA Terminal ID		AN8	M	Unique Code identifying terminal of transaction.
42	CA Identification		AN15	M	
43	CA Location/Name		AN40		
48	Additional Data		AN...995	C	See Data Element Definition Detail
49	Currency Code		N3	M	Identifies the currency of transaction amount
98	Payee		ANS25	C	See Data Element Definition Detail
100	Recv Inst ID	LLVar	AN6	C	
102	Account ID 1	LLVar	AN..28	C	
103	Account ID 2	LLVar	AN..28	C	
125	Transfer Type	LLLVar	AN1	C	
127	Dest Inst Code	LLLVar	AN6	C	

0110/0210/230 - Inquiry/Financial Transaction Message Format Response

Bit	Data Element Name	Form	Attr	DER	DESCRIPTION
-	MTI		N4	M	Value can be 0200/0220
-	Bit Map, Primary		AN16	M	Mandatory
1	Bit Map, Secondary		AN16	M	Mandatory
2	Primary Account Number	LLvar	AN19	M	Contain Card Number
3	Processing Code		N6	M	See Data Element Definition Detail
4	Transaction Amount		N12	M	
7	Transmission Date/Time	MMDD hhmmss	N10	M	Transmission Date and Time in GMT date and time Format
11	System Trace Audit Number		N6	M	Transaction Trace Number
12	Time, Local Transaction	Hhmmss	N6	M	The Local Time which the transaction take places
13	Date, Local Transaction	MMDD	N4	M	The local Month and day
15	Settlement Date	MMDD	N4	M	
18	Merchant Type		N4	M	
32	Act Inst Code	LLVar	N11	M	
37	Retrieval RefNum		AN12	M	Filled with RefNum when it needed
39	Response Code		AN2	M	
41	CA Terminal ID		AN8	M	Unique Code identifying terminal of transaction.
48	Additional Data		AN... 995	C	See Data Element Definition Detail
49	Currency Code		N3	M	Identifies the currency of transaction amount
100	Recv Inst ID	LLVar	AN6	C	
102	Account ID 1	LLVar	AN..28	C	
103	Account ID 2	LLVar	AN..28	C	
125	Transfer Type	LLLVar	AN1	C	
127	Dest Inst Code	LLLVar	AN6	C	

0400 – Transaction Reversal Message Format

Bit	Data Element Name	Form	Attr	DER	DESCRIPTION
-	MTI		N4	M	Value can be 0200/0220
-	Bit Map, Primary		AN16	M	Mandatory
1	Bit Map, Secondary		AN16	M	Mandatory
2	Primary Account Number	LLvar	AN19	M	Contain Card Number
3	Processing Code		N6	M	See Data Element Definition Detail
4	Transaction Amount		N12	M	
7	Transmission Date/Time	MMDD hhmmss	N10	M	Transmission Date and Time in GMT date and time Format
11	System Trace Audit Number		N6	M	Transaction Trace Number
12	Time, Local Transaction	Hhmmss	N6	M	The Local Time which the transaction take places
13	Date, Local Transaction	MMDD	N4	M	The local Month and day
15	Settlement Date	MMDD	N4	M	
18	Merchant Type		N4	M	
32	Act Inst Code	LLVar	N11	M	
33	Fwd Inst Code	LLVar	N11	M	
37	Retrieval RefNum		AN12	M	Filled with RefNum when it needed
41	CA Terminal ID		AN8	M	Unique Code identifying terminal of transaction.
48	Additional Data		AN... 995	C	See Data Element Definition Detail
49	Currency Code		N3	M	Identifies the currency of transaction amount
90	Original Data Element		N42	M	See Data Element Definition Detail
95	Replacement Amount		AN42	C	
100	Recv Inst ID	LLVar	AN6	C	
102	Account ID 1	LLVar	AN..28	C	
103	Account ID 2	LLVar	AN..28	C	
125	Transfer Type	LLLVar	AN1	C	
127	Dest Inst Code	LLLVar	AN6	C	

0410 – Transaction & Advice Message Format

Bit	Data Element Name	Form	Attr	DER	DESCRIPTION
-	MTI		N4	M	Value can be 0200/0220
-	Bit Map, Primary		AN16	M	Mandatory
1	Bit Map, Secondary		AN16	M	Mandatory
2	Primary Account Number	LLvar	AN19	M	Contain Card Number
3	Processing Code		N6	M	See Data Element Definition Detail
4	Transaction Amount		N12	M	
7	Transmission Date/Time	MMDD hhmmss	N10	M	Transmission Date and Time in GMT date and time Format
11	System Trace Audit Number		N6	M	Transaction Trace Number
12	Time, Local Transaction	Hhmmss	N6	M	The Local Time which the transaction take places
13	Date, Local Transaction	MMDD	N4	M	The local Month and day
15	Settlement Date	MMDD	N4	M	
18	Merchant Type		N4	M	
32	Act Inst Code	LLVar	N11	M	
33	Fwd Inst Code	LLVar	N11	M	
37	Retrieval RefNum		AN12	M	Filled with RefNum when it needed
39	Response Code		AN2	M	
41	CA Terminal ID		AN8	M	Unique Code identifying terminal of transaction.
49	Currency Code		N3	M	Identifies the currency of transaction amount
90	Original Data Element		N42	M	See Data Element Definition Detail
95	Replacement Amount		AN42	C	

Data Element Definition Detail

Data Element No. 3

Processing Code

Proccode	Processing Type	Description
37x000	Transfer Inquiry	
38x000	Payment Inquiry	
46x000	Transfer Debit	
47x000	Transfer Credit	
49x000	Transfer To Other Account	
50x000	Payment	

Data Element No. 4

Transaction Amount

We will be using Data Element 48 for Transaction Amount, so fill this Data Element with zero.

Data Element No. 18

Merchant Type

Description	Merchant Type
Teller	6010
ATM	6011
EDC	6012

Data Element No. 48**Additional Data****Transfer Inquiry Request**

Description	Format	
Customer Reference Number	AN16	Space Padded

Transfer Inquiry Response

Description	Format	
Customer Reference Number	AN16	Space Padded
Destination Account Name	AN40	Space Padded

Transfer Transaction Request

Description	Format	
Customer Reference Number	AN16	Space Padded
Destination Account Name	AN 40	Space Padded
Transaction Amount	N15	Zero Padded

Transfer Transaction Response

Description	Format	
Customer Reference Number	AN16	Space Padded
Destination Account Name	AN40	Space Padded
Transaction Amount	N15	Zero Padded
Source Account Name	AN40	Space Padded

Payment Inquiry/Transaction Request

Description	Format	
Customer Reference Number	AN16	Space Padded
Total Transaction Amount	N15	Zero padded, with decimal. For inquiry fill it with zero.

Payment Inquiry/Transaction Response

Description	Format	
Customer Reference Number	AN16	Space Padded
Customer Name	AN40	
Payment Type	AN1	1=Fix Payment;2=Open Payment;
Bill Amount	N15	
Fee Amount	N15	
Descript 1	AN40	Corp Name
Descript 2	AN40	Payment Type Description
Descript 3	AN40	Space Padded
Descript 4	AN40	
Descript 5	AN40	

Data Element No. 90

Original Data Element

Description	Format	
Original MTI	N04	
Original DE11	N06	
Original DE7	N10	
Original DE32	N11	
Original DE33	N11	

Data Element No. 98**Payee**

Description	Code
On Us	000000
AJ-ATMB	101001
PRIMA	103001

Data Element No. 100 & No. 127**Issuer & Dest Institution Code**

Standard Institutional Code, six digit, padded with zero.

Data Element No. 125**Transfer Type**

Standard Transfer Type Code

Description	Code
Debit Transaction	1
Credit Transaction	2
Debit & Credit Transaction	3