

Message Implementation

BANSTA

Version D.96A

Rev 2003-04-15

Swedish Bankers' Association
Svenska Bankföreningen

Revisions - BANSTA

Date Changes

REVISION ACCORDING TO REVISED MIG'S:

2003-04-15

UNH 0057 = SF4615
BGM 1001 new codes
DTM 2379 = 102 eller 203
SG1, DTM 2379 = 102 eller 203
SG5, RFF 1153 new codes
SG5, DTM 2379 new codes = 201, 203
SEQ 1245 not used
GIS 7365 new codes
SG6, DTM not used
SG6, MOA not used
SG6, FTX 4451 new code = ACD
SG7, Not Used
SG8, not used

1. SEGMENT LISTING

All the segments that form part of a message are described below. Segment, segment groups, and data elements that are not used in the Swedish Bankers Association implementation guidelines, are shown in *italics*.

The following abbreviations are used:

- M (mandatory)
- R (required)
- D (dependent)
- A (advised)
- O (optional)
- N (not used)

TAG	DATA SEGMENT NAME	M/C	NO OF REP	PAGE
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A-Level

UNH	Message Header	M	1	
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BGM	Beginning of Message	M	1	
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DTM	Date/Time/Period	M	1	
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<i>BUS</i>	<i>Business Function</i>	<i>N</i>	<i>1</i>	
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SG 1	Segment Group 1	D	2	
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RFF	Reference	M	1	
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DTM	Date/Time Period	R	1	
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SG 2	Segment Group 2	O	5	
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FII	Financial Institution Information	M	1	
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<i>CTA</i>	<i>Contact Information</i>	<i>N</i>	<i>1</i>	
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<i>COM</i>	<i>Communication Contact</i>	<i>N</i>	<i>5</i>	
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SG 3	Segment Group 3	O	3	
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NAD	Name and Address	M	1	
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<i>CTA</i>	<i>Contact Information</i>	<i>N</i>	<i>1</i>	
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<i>COM</i>	<i>Communication Contact</i>	<i>N</i>	<i>5</i>	
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B-Level

SG 4	Segment Group 4	M	99	
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LIN	Line Item	M	1	
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SG 5	Segment Group 5	R	5	
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RFF	Reference	M	1	
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DTM	Date/Time/Period	R	1	
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C-Level

SG 6	Segment Group 6	R	99	
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SEQ	Sequence Details	M	1	
GIS	General Indicator	M	1	
<i>DTM</i>	<i>Date/Time/Period</i>	<i>N</i>	<i>2</i>	
<i>MOA</i>	<i>Monetary Amount</i>	<i>N</i>	<i>1</i>	
<i>CUX</i>	<i>Currencies</i>	<i>N</i>	<i>1</i>	
<i>PCD</i>	<i>Percentage Details</i>	<i>N</i>	<i>1</i>	
FTX	Free Text	O	1	
<i>DOC</i>	<i>Document/Message Details</i>	<i>N</i>	<i>5</i>	

<i>SG 7</i>	<i>Segment Group 7</i>	<i>N</i>	<i>1</i>	
<i>FII</i>	<i>Financial Institution Information</i>	<i>N</i>	<i>1</i>	
<i>CTA</i>	<i>Contact Information</i>	<i>N</i>	<i>1</i>	
<i>COM</i>	<i>Communication Contact</i>	<i>N</i>	<i>5</i>	

<i>SG 8</i>	<i>Segment Group 8</i>	<i>N</i>	<i>1</i>	
<i>NAD</i>	<i>Name and Address</i>	<i>N</i>	<i>1</i>	
<i>CTA</i>	<i>Contact Information</i>	<i>N</i>	<i>1</i>	
<i>COM</i>	<i>Communication Contact</i>	<i>N</i>	<i>5</i>	

CNT	Control Total	R	5	
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<i>SG 9</i>	<i>Segment Group 9</i>	<i>N</i>	<i>5</i>	
<i>AUT</i>	<i>Authentication Result</i>	<i>N</i>	<i>1</i>	
<i>DTM</i>	<i>Date/Time/Period</i>	<i>N</i>	<i>1</i>	

UNT	Message Trailer	M	1	
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2. SEGMENT DETAILS**A-Level****UNH MESSAGE HEADER****M 1**

0062 MESSAGE REFERENCE NUMBER	M	an..14	Unique reference within a transfer
S009 MESSAGE IDENTIFIER	M		
0065 Message type	M	an..6	BANSTA
0052 Message version number	M	an..3	D
0054 Message release number	M	an..3	96A
0051 Controlling agency	M	an..2	UN
0057 Association assigned code	O	an..6	SF4615
0068 COMMON ACCESS REFERENCE	N	an..35	
S010 STATUS OF THE TRANSFER	N		
0070 Sequence of transfers	N	n..2	
0073 First and last transfer	N	al	

BGM BEGINNING OF MESSAGE**M 1**

C002 DOCUMENT/MESSAGE NAME	R		
1001 Document/message name, coded	R	an..3	A008 Banking status message type, code 313 = Application error message – used for rejections. 294 = Application acknowledgment and error report – used for accepted transactions with warnings. 312 = Acknowledgment message – only used for positive acknowledgements with no further explanations.
1131 Code list qualifier	N	an..3	
3055 Code list responsible agency, coded	N	an..3	
1000 Document/message name	N	an..35	
1004 DOCUMENT/MESSAGE NUMBER	R	an..35	A007 Banking status message, reference number
1225 MESSAGE FUNCTION, CODED	R	an..3	A027 Message function code 9=original 7=duplicate If code 7 is used, then SG 1 is required.
4343 RESPONSE TYPE, CODED	N	an..3	

DTM DATE/TIME/PERIOD**M 1**

C507 DATE/TIME/PERIOD	M		
2005 Date/time/period qualifier	M	an..3	137
2380 Date/time/period	R	an..35	B025 Banking status message, date
2379 Date/time/period format qualifier	R	an..3	102 = CCYYMMDD 203 = CCYYMMDDHHMM

BUS BUSINESS FUNCTION**NOT USED**

SEGMENT GROUP 1

D 2

RFF REFERENCE

M 1

C506 REFERENCE	M		
1153 Reference qualifier	M	an..3	ACW
1154 Reference number	R	an..35	A032 Previous banking status message, reference number, BGM 1004 from the original message
<i>1156 Line number</i>	<i>N</i>	<i>an..6</i>	
<i>4000 Reference version number</i>	<i>N</i>	<i>an..35</i>	

DTM DATE/TIME/PERIOD

R 1

C507 DATE/TIME/PERIOD	M		
2005 Date/time/period qualifier	M	an..3	171 = Reference date/time
2380 Date/time/period	R	an..35	B026 Previous banking status message, date
2379 Date/time/period format qualifier	R	an..3	102 = CCYYMMDD 203 =CCYYMMDDHHMM

END OF GROUP 1

SEGMENT GROUP 2

O 5

FI FINANCIAL INSTITUTION INFORMATION M 1

This segment is used for routing purposes.

3035 PARTY QUALIFIER	M	an..3	MS = Message sender MR = Message receiver AS = Account servicing financial institution.
<i>C078 ACCOUNT IDENTIFICATION</i>			
3194 Account holder number	N	an..35	
3192 Account holder name	N	an..35	
3192 Account holder name	N	an..35	
6345 Currency, coded	N	an..3	
<i>C088 INSTITUTION IDENTIFICATION</i>			
	R		The Bank Identifier Code may only be placed in DE 3433. The national bank/branch sorting code may only be placed in DE 3434. DEs 3433 and 3434 are mutually exclusive.
3433 Institution name identification	D	an..11	C095 Banking status message sender, identification C097 Banking status message recipient, identification
1131 Code list qualifier	D	an..3	25 = Bank identification
3055 Code list responsible agency, coded	D	an..3	5 = ISO (International Organization for Standardization)
3434 Institution branch number	D	an..17	
1131 Code list qualifier	D	an..3	
3055 Code list responsible agency, coded	D	an..3	
3432 Institution name	N	an..70	
3436 Institution branch place	N	an..70	
<i>3207 COUNTRY, CODED</i>			
	N	an..3	

CTA CONTACT INFORMATION
COM COMMUNICATION CONTACT

NOT USED
NOT USED

END OF GROUP 2

SEGMENT GROUP 3

O 3

NAD NAME AND ADDRESS

M 1

(Message receiver)

This segment is used for routing purposes.

3035 PARTY QUALIFIER	M	an..3	MR=Message Receiver
C082 PARTY IDENTIFICATION DETAILS	A		
3039 Party id. identification	M	an..35	C097 Banning status message recipient, identification
1131 Code list qualifier	N	an..3	
3055 Code list responsible agency, coded	N	an..3	
C058 NAME AND ADDRESS	N		
3124 Name and address line	N	an..35	
3124 Name and address line	N	an..35	
3124 Name and address line	N	an..35	
3124 Name and address line	N	an..35	
3124 Name and address line	N	an..35	
C080 PARTY NAME	N		
3036 Party name	N	an..35	
3036 Party name	N	an..35	
3036 Party name	N	an..35	
3036 Party name	N	an..35	
3036 Party name	N	an..35	
3045 Party name format, coded	N	an..3	
C059 STREET	N		
3042 Street and number/p.o. box	N	an..35	
3042 Street and number/p.o. box	N	an..35	
3042 Street and number/p.o. box	N	an..35	
3164 CITY NAME	N	an..35	
3229 COUNTRY SUB-ENTITY IDENTIFICATION	N	an..9	
3251 POSTCODE IDENTIFICATION	N	an..9	
3207 COUNTRY, CODED	N	an..3	

CTA CONTACT INFORMATION
COM COMMUNICATION CONTACT

NOT USED
NOT USED

END OF GROUP 3

B-level (Original order)*****SEGMENT GROUP 4*******M 99****LIN LINE ITEM****M 1**

1082 LINE ITEM NUMBER	R	n..6	Unique sequence number (within the message) for this B-level.
1229 ACTION REQUEST/NOTIFICATION, CODED	N	an..3	
C212 ITEM NUMBER IDENTIFICATION	N		
7140 Item number	N	an..35	
7143 Item number type, coded	N	an..3	
1131 Code list qualifier	N	an..3	
3055 Code list responsible agency, coded	N	an..3	
C829 SUB-LINE INFORMATION	N		
5495 Sub-line indicator, coded	N	an..3	
1082 Line item number	N	n..6	
1222 CONFIGURATION LEVEL	N	n..2	
7083 CONFIGURATION, CODED	N	an..3	

*****END OF GROUP 4*****

SEGMENT GROUP 5

R 5

RFF REFERENCE

(Reference to message)

M 1

C506 REFERENCE	M		
1153 Reference qualifier	M	an..3	AGO= Sender's reference to the original message.
1154 Reference number	R	an..35	A033 Original order, message reference BGM 1004 of the message to be referred to
1156 Line number	N	an..6	
4000 Reference version number	N	an..35	

and/or

RFF REFERENCE

(Reference to debit order (PAYMUL level B))

C506 REFERENCE	M		
1153 Reference qualifier	M	an..3	AEK= Payment order number
1154 Reference number	R	an..35	A034 Original order, debit reference SG4-RFF-1154 of the PAYMUL to be referred to.
1156 Line number	N	an..6	
4000 Reference version number	N	an..35	

and possibly

RFF REFERENCE

(Reference to credit order (PAYMUL level C))

C506 REFERENCE	M		
1153 Reference qualifier	M	an..3	CR= Customer reference number
1154 Reference number	R	an..35	A035 Original order, credit reference SG11-RFF-1154 of the message to be referred to
1156 Line number	N	an..6	
4000 Reference version number	N	an..35	

and possibly

RFF REFERENCE

(Reference to Interchange)

C506 REFERENCE	M		
1153 Reference qualifier	M	an..3	INO=Interchange reference old
1154 Reference number	R	an..35	A038 Original order, interchange reference UNB-0020 of the interchange to be referred to.
1156 Line number	N	an..6	
4000 Reference version number	N	an..35	

DTM DATE/TIME/PERIOD**R 1**

C507 DATE/TIME/PERIOD	M		
2005 Date/time/period qualifier	M	an..3	171= Reference date/time
2380 Date/time/period	R	an..35	B020 Original order, date
2379 Date/time/period format qualifier	R	an..3	102 = CCYYMMDD 203 = CCYYMMDDHHMM 201 = YYMMDDHHMM - this code is only used with code INO in DE 1153 of the previous RFF segment.

END OF GROUP 5

C-level (Status information)

****SEGMENT GROUP 6****

R 99**SEQ SEQUENCE DETAILS****M 1**

1245 STATUS INDICATOR, CODED	N	an..3	
C286 SEQUENCE INFORMATION	R		
1050 Sequence number	M	an..6	Unique sequence number (within this B-level) for this C-level
1159 Sequence number source, coded	N	an..3	
1131 Code list qualifier	N	an..3	
3055 Code list responsible agency, coded	N	an..3	

GIS GENERAL INDICATOR**M 1**

(For information on status of accepted order – positive banking status message)

C529 PROCESSING INDICATOR	M		
7365 Processing indicator, coded	M	an..3	D025 Status accepted orders, code The following code should be used only when code 312 is used in DE 1001 in BGM: 1 = Message content accepted
1131 Code list qualifier	N	an..3	
3055 Code list responsible agency, coded	N	an..3	
7187 Process type identification	N	an..17	

or

GIS GENERAL INDICATOR

(For information on orders with warning or rejected orders – negative banking status message)

C529 PROCESSING INDICATOR	M		
365 Processing indicator, coded	M	an..3	<p>D026 Error reason rejected orders, code</p> <p>The following codes could be used when either code 294 or code 313 is used in DE 1001 in BGM:</p> <p>46 = Beneficiary's account number unknown or missing 47 = Ordering customer's account number unknown or missing 48 = Correspondent bank not possible 49 = Execution date not possible 50 = Value date not possible 52 = Invalid decimal number 61 = Transaction reason non reportable 72 = Beneficiary's financial information incorrect 73 = Charge(s) details not correct 74 = Date(s) not correct 75 = Currency details incorrect 76 = Monetary amount incorrect 80 = Unjustified charges at beneficiary's side 82 = Beneficiary's account closed 98 = Individual transaction over credit limit 99 = Cumulative transactions exceed credit limit 100 = Transaction exceeds default credit limit 106 = Invalid account number 108 = Transaction out of time limits 109 = Invalid and/or incomplete name and address 111 = No communication number specified 112 = Bank branch number and/or details invalid</p> <p>The following codes could be used only when code 313 is used in DE 1001 in BGM:</p> <p>3= Message content rejected without comment. 2 = Message content rejected with comment. In this case, the comment must follow. 12 = Sender not allowed the message type 13 = Message type not supported 51 = Currency code not possible 84 = Transaction rejected due to insufficient funds 85 = Party identification not known 86 = Beneficiary unknown 87 = Beneficiary's bank unknown 107 = Transaction duplicates previous transaction 110 = No name and address specified 115 = Totals for transaction do not match details 117 = Method of payment invalid 119 = Ordering customer's message control value invalid 121 = Beneficiary's account frozen by legal authorities 125 = Unauthorized message version</p>
1131 Code list qualifier	N	an..3	
3055 Code list responsible agency, coded	N	an..3	
7187 Process type identification	N	an..17	

<i>DTM</i>	<i>DATE/TIME/PERIOD</i>	<i>NOT USED</i>
<i>MOA</i>	<i>MONETARY AMOUNT</i>	<i>NOT USED</i>
<i>CUX</i>	<i>CURRENCIES</i>	<i>NOT USED</i>
<i>PCD</i>	<i>PERCENTAGE DETAILS</i>	<i>NOT USED</i>

FTX FREE TEXT**O 1**

(Supplementing information on rejected orders - for negative banking status message)

4451	TEXT SUBJECT QUALIFIER	M	an..3	ACD= Reason for a request or response
4453	TEXT FUNCTION, CODED	N	an..3	
C107	TEXT REFERENCE	N		
4441	Free text, coded	N	an..3	
1131	Code list, qualifier	N	an..3	
3055	Code list responsible agency, coded	N	an..3	
C108	TEXT LITERAL	R		
4440	Free text	M	an..70	F012 Reference information, free text
4440	Free text	O	an..70	
4440	Free text	O	an..70	
4440	Free text	O	an..70	
4440	Free text	O	an..70	
3453	LANGUAGE CODED	O	an..3	F013 Text, language ISO 639 two alpha code

*DOC DOCUMENT/MESSAGE DETAILS**NOT USED*

END OF GROUP 6

SEGMENT GROUP 7

NOT USED

END OF GROUP 7

SEGMENT GROUP 8

NOT USED

END OF GROUP 8

END OF GROUP 6

END OF GROUP 4

CNT CONTROL TOTAL**R 5**

(Control information, number of B-level)

C270 CONTROL	M		
6069 Control qualifier	M	an..3	2
6066 Control Value	M	n..18	Number of LIN segments in the message
6411 Measure unit qualifier	N	an..3	

SEGMENT GROUP 9

NOT USED

END OF GROUP 9

UNT MESSAGE TRAILER**M 1**

0074 NUMBER OF SEGMENTS IN THE MESSAGE	M	n..6	
0062 MESSAGE REFERENCE NUMBER	M	an..14	Same as 0062 in UNH