

EDI

GM01 Data Recall

Field number format

(Terminals)

Version 2.3/E

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Change requests**DAKOSY****Datenkommunikationssystem AG**

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Used tools

| Number | Used tools |
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| W1 | This document was created with the word processing programme MS Word 2010 . |

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1. Please note that no liability claims can be derived towards DAKOSY AG for the content of this manual, despite careful developing and examination of this document!

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1. Introduction

This manual describes the GM01 data recall in field number format for terminals.

The data edited by this data recall result from a presentation notification transmitted per GM01.

The composition of the field number group corresponds with the field number group of transaction DY01 (HDS). Due to various data requirements between DY01 (**H**afen**D**aten**S**atz) and GM01 (presentation notification) not every field of transaction DY01 can be considered in this GM01 field number group for terminals.

2. DAKOSY- Frame while sending and receiving data

The actual message must be additionally packed with the commonly known DAKOSY-Frame.

This is necessary in order that the data can be processed in the DAKOSY system.

Several records of the DAKOSY-Frames will be explained below.

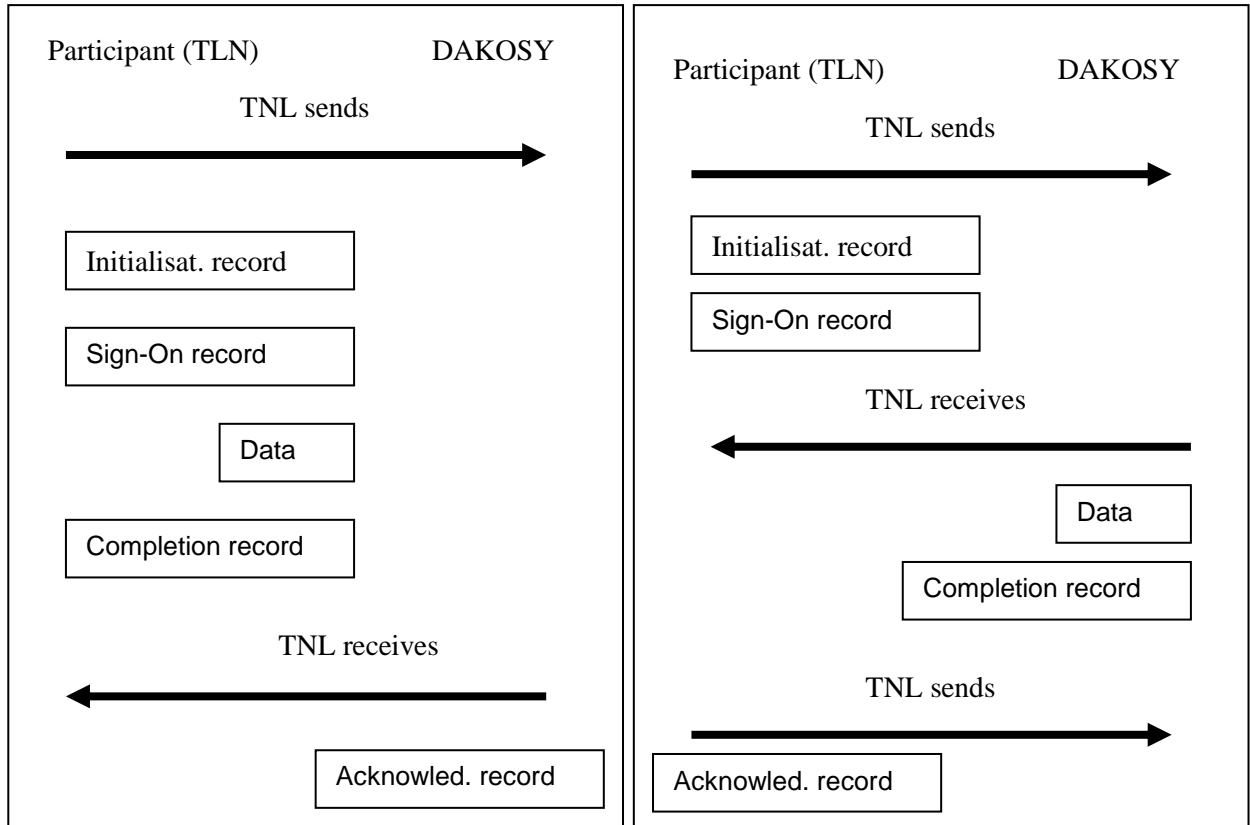


Figure A: Session structure while sending data to DAKOSY

Figure B: Session structure while receiving data from DAKOSY

2.1 The Initialization Record

The initialization record is always on the beginning of a data sequence (session). It represents the login for the communication with DAKOSY. The participant has to send the 80 digit data record with the constants "DAKO" at digits 1 to 4.

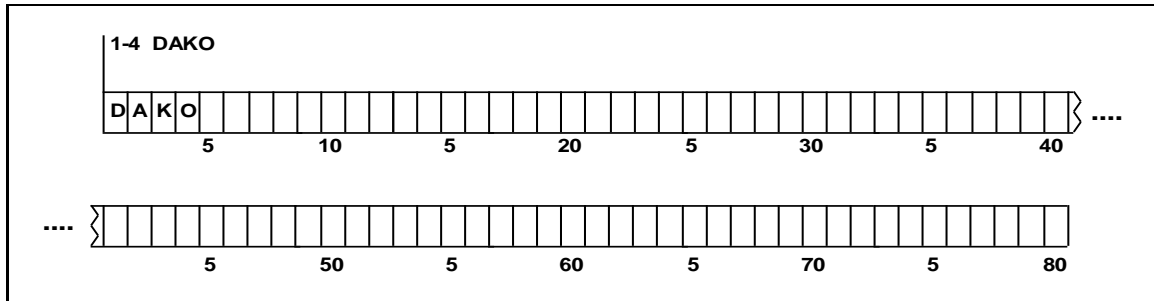


Abbildung 1

- Digit 01 - 04 DAKO
- Digit 05 - 80 blank/space (hex. 40)

2.2 The Sign-On Record

The SIGN-ON record is always the second 80- digit data record of a data sequence (session). It contains information about the requested transaction type (GM01), the traffic direction (sending or receiving) and the participant identification. For DAKOSY code key.

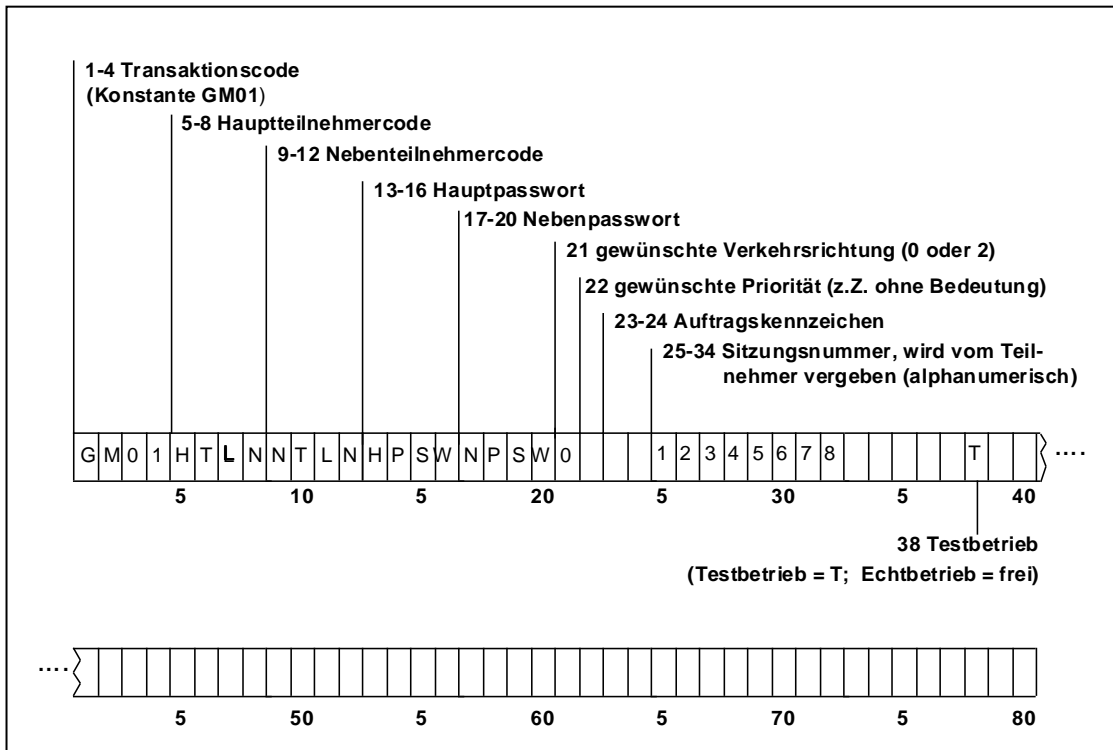


Figure 2

- Digit 01 - 04 Transaction code (constant GM01)
- Digit 05 - 20 Participant identification
- Digit 05 - 08 Main participant code
- Digit 09 - 12 Sub-participant code
- Digit 13 - 16 Main codeword
- Digit 17 - 20 Sub-codeword
- Digit 21-21 requested traffic direction (0 or 2, only 0 permitted at the moment)
- Digit 22 - 22 requested priority (not relevant at the moment)
- Digit 23 - 24 order code
- Digit 25 - 34 Session number, assigned by participant (alphanumeric)
- Digit 35 - 37 free
- Digit 38 - 38 Test indicator (test = T, live operation = Space/hex. 40)
- Digit 39 - 80 free

2.3 The Reference Record

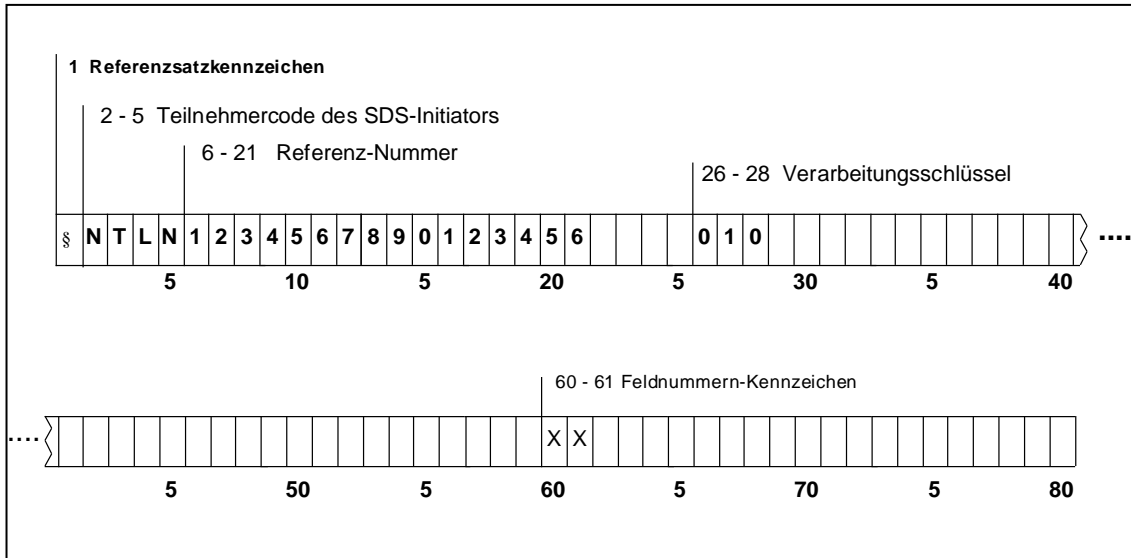


Figure 3

The data sequence starts with the reference record. It contains:

- Digit 1 Reference record indicator („§“)
- Digit 2 - 5 Participant code
- Digit 6 – 21 Reference number
- Digit 22 - 25 not used
- Digit 26 – 28 Processing key (constant ‘010’)
- Digit 29 - 56 not used
- Digit 57 - 59 not used for presentation notifications (digit (60-61 = GM)
3-digit consecutive number for repositioning messages (digit 60-61 = UM)
- Digit 60 - 61 Field number indicator
(GM = presentation notification, UM = repositioning)
- Digit 62 - 80 not used

2.4 The Completion Record

A session sequence is completed with a completion record. It results in a logical communication stop.

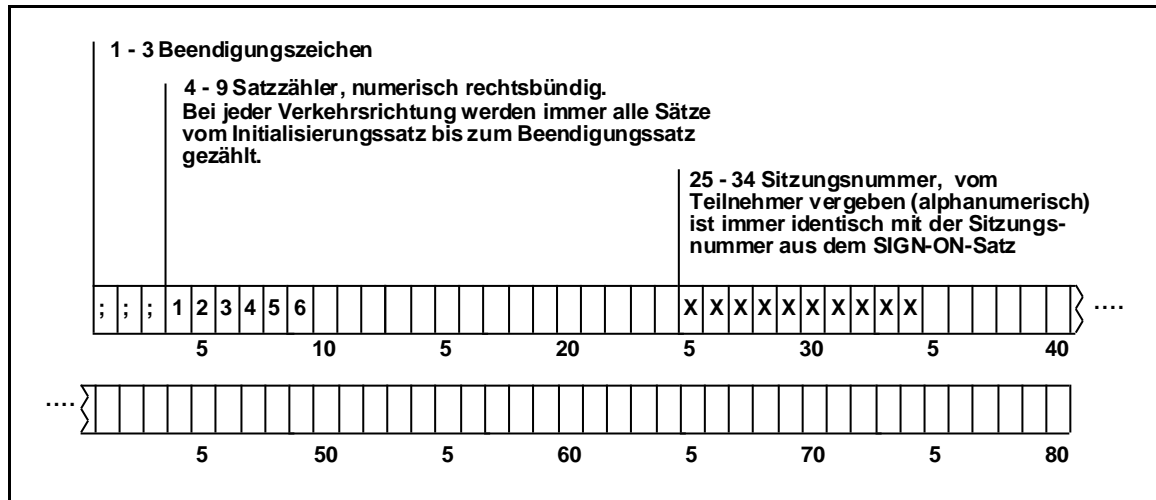


Abbildung 4

- Digit 01 - 03 Completion sign (constant ';;;')
- Digit 04 - 09 Record counter, numerical right-aligned as number of the physical transferred 80-digit records. All records in each traffic direction are always counted from the initialization to the completion record
- Digit 10 - 24 Blank/space
- Digit 25 - 34 Session number, assigned by the participant.
The session number is always identical with the session number of the SIGN-ON record, both while sending and receiving.

It must be ensured that the completion constant „;;;“ at position 1 to 3 of the data record only occurs in the completion record of a session sequence.

2.5 The Acknowledgement Record

A session sequence is always acknowledged with the acknowledgement record by the respective recipient. The acknowledgement record without receipt code (initial state: "blank/Space" (hex 40)) confirms the correct transfer of the session or the storage in the receiving system for the sender. The acknowledgement code is being used in case of an error during the transaction (e.g. error code 001 = initialization record incorrect or not sent). It contains:

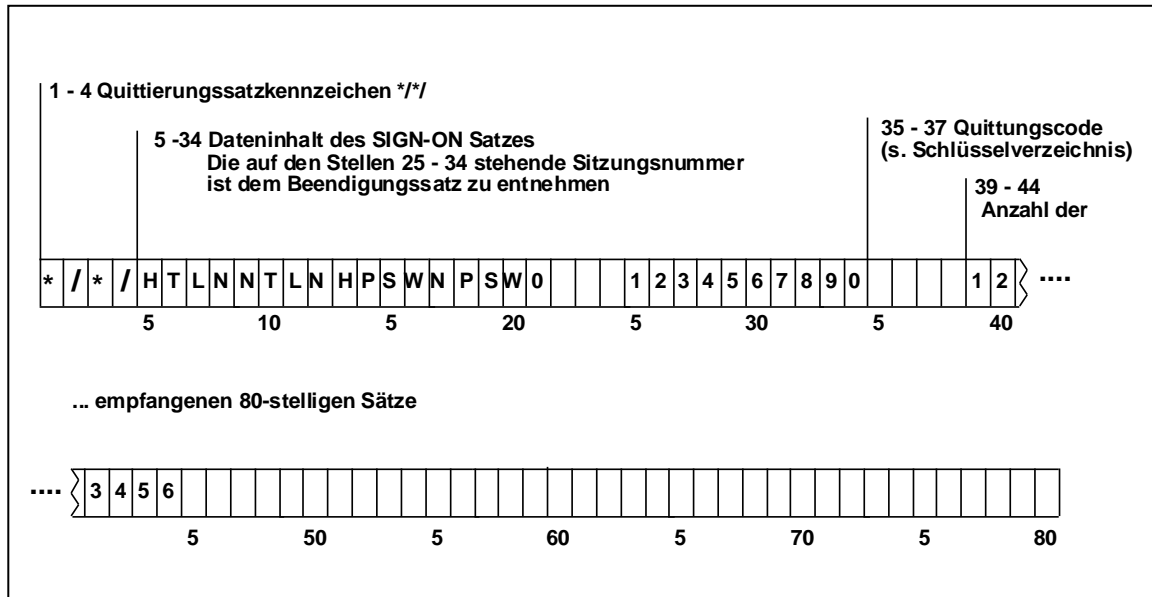


Figure 5

- Digit 01 - 04 Acknowledgement record indicator */*/
- Digit 05 - 34 Data content of SIGN-ON record
The session number listed at position 25-34 can be taken out of the completion record.
- Digit 35 - 37 Receipt code (see code key)
- Digit 38 - 38 Test indicator
(Test = T, live operation = Space/blank hex. 40)
- Digit 39 - 44 Number of physically received 80-digit records.

In case that DAKOSY already noticed an error in the initialization- or Sign-On record (e.g. incorrect keyword or traffic direction) the participant immediately receives an acknowledgement record with respective receipt code instead of data when recalling the data from DAKOSY.

3. The Field Number Group – GM01 Data Recall

All fields are defined as alphanumeric, numeric fields are designated as such. A processing of packed or binary fields does not take place. Leading zeros must be sent when transmitting numeric field contents. Decimal signs (, and .) must not be transmitted.

3.1 Legend

M/K stands for **M**ust or **C**an **f**ield

Fields with „M“ in this column **must** be transmitted, otherwise the field number group will be rejected as incorrect.

Fields with „M/K“ are mandatory under certain conditions.

Z stands for line structure field

Fields with „J“ (= yes) in this column may be sent several times, 999 at most. They are identified due to the field number in correspondence with the line number.

n behind the field length refers to a field with numeric content.

3.2 Structure field number group addressing

The initiator of the data recall has to indicate the circle of participants in order to clearly define the access authorized participants. Please refer to the DAKOSY code key for the participant codes.

The addressing "K**" (quay transshipment company) will always be transmitted during the transfer of the field number group.

All data is being provided for the recipient according to the field number group „addressing“.

The data sequence „addressing“ basically follows the reference record and is to be structured in the following way:

V**....;K**....;M**....; 1. data field (*)

(*) first data field of the quay order (field 002)

| Structure field number group addressing | | | |
|--|--|-------------------------|----------------------|
| Field no. | Field identifier/ Comments | Field length | Field content |
| V** | Participant forwarder (originator of shipping note) | 4 | See code key |
| K** | Participant quay transshipment company | 4 | See code key |
| M** | Participant agent | 4 | See code key |

3.3 Structure of field number group GM01

| Structure field number group GM01 | | | | | | |
|-----------------------------------|---------|---|-----------------------------------|-----------------------|-----------------|---|
| Field no. DAKOSY | M/ K | Z | Field identifier | Printin g in KA | Field length | Comments |
| 002 | M | N | Form type | 2 | 3 | GM1 = presentation notification UMF = repositioning |
| 005 | M | N | Terminal code | 5 | 4 | See code key |
| 006 | M/ K | N | Shipping agent code | - | 4 | See code key, alternative to field 099 |
| 010 | M | N | Person in charge at originator | 7 | 40 | |
| 019 | M/ K | N | Name of the vessel | 17 | 23 | |
| 020 | M/ K | N | Departure (ets) Arrival (eta) | 19 | 6 | TTMMJJ |
| 021 | M/ K | N | Vessel departure number | 20 | 7 | From DAKOSY, if available; alternative to field 095 call sign |
| 024 | M | N | Port of discharge | 23 | 19 | Conversion of UN- LOCODE (Field 097) |
| A27 | M | J | Marks & labels | 28 | 20 | |
| B27 | M | J | Number | 29 | 6 n | |
| C27 | M | J | Package code | 30 | 2 | |
| E27 | M | J | Weight | 32 | 10 n | Field type numeric |

| Structure field number group GM01 | | | | | | |
|-----------------------------------|---------|---|--|-----------------------|-----------------|--|
| Field no. DAKOSY | M/ K | Z | Field identifier | Printin g in KA | Field length | Comments |
| | | | | | | -7-digit + 3 decimal places ⇒ |
| Q27 | M/ K | J | Qualifier, consignment description | - | 3 | |
| 028 | M/ K | J | Container data | 28-35 | 32 | |
| 037 | M | N | Phone no. of issuing person in charge | 7 | 40 | |
| 050 | K | N | Voyage no./ Vessel no. | 21 | 8 | |
| 062 | K | N | Booking number | 201 | 20 | Booking no. (in HDS with dangerous goods) |
| 092 | K | J | Chassis no. | | 17 | |
| 095 | M/ K | N | Call sign vessel | | 7 | alternative to DAKOSY vessel departure no. |
| 097 | M/ K | N | Port of discharge code | - | 6 | alternative to field 025, UN-LOCODE, conversion by DAKOSY of field 25 |
| 099 | M/ K | N | Ship owner code | - | 4 | Alternative to field 006, see code key |
| 103 | K | J | Declaration type | | an..3 | (See B) - SBF (Other exemptions) - EUB (EU port of |

| Structure field number group GM01 | | | | | | |
|-----------------------------------|---------|---|-------------------------------|-----------------------|-----------------|--|
| Field no. DAKOSY | M/ K | Z | Field identifier | Printin g in KA | Field length | Comments |
| | | | | | | destination) - DUX (Exit summary declaration) (see B) - AES (AES export declaration) - AEM (AES export declaration for market regulation commodities) - AUS Cancellation concept (see B) - MIT (message) - SAC (consolidated container) see also: “Binding rules for entering customs- relevant data for the Hafendatensatz (HDS) / the presentation notification (GM01)” (http://www.zapp- hamburg.de/) |
| 137 | K | J | ZAPP- reference | | 12 | |
| 160 | K | J | AES/ DUX customs reference | | an 27 | Data structure with data to MRN from AES export procedure or exit summary declaration. The terminal is not obliged to process this information. |

| Structure field number group GM01 | | | | | | |
|-----------------------------------|---------|---|---|-----------------------|-----------------|--|
| Field no. DAKOSY | M/ K | Z | Field identifier | Printin g in KA | Field length | Comments |
| 161 | K | J | Indicator of completeness MRN | | an 1 | Mandatory for declaration type AES and DUX. Blank = no AES-case ,N' = AES/DUX-case, export declaration will not be completely illustrated in the HDS ,J' = AES/DUX-case, all positions of the export message have been transmitted to ZAPP. The terminal is not obliged to process this information. |
| 167 | M/ K | J | Indicator equipment/ additional cargo for vehicle loading | | 1 | „Z“ = Zubehör (equipment) „B“ = Beiladung (additional cargo) (see C) |
| 170 | K | J | Customs status Z- number | | 3 | „RLS“ = released (Z-no.) „NRL“ = not released (Z-Nr) „2ST“ = 2-hour deadline (Z-no.) |

A

Structure of the field 160 (AES-customs reference):

| Digit | M/K | Description |
|-------|-----|--|
| 1-3 | M | Consecutive number of the MRN within the SB line |
| 4-21 | M | MRN: - Year (00-99) (n2) |

| Digit | M/K | Description |
|-------|-----|--|
| | | <ul style="list-style-type: none"> - Nationality identifier, 'DE' (a2) - Number of ATLAS office (n4) - Consecutive number (n8) - Abbr. for specific admin. Procedure, 'E' (AES-Export procedure e.g. with German MRN), 'X' (exit summary declaration) (a1) - Check digit (n1) |
| 22-24 | K | Consecutive number of the position within the MRN/export declaration. The package line may be directly allocated to the position of an export declaration by the indication of this number. |
| 25-26 | K | Package ID = consecutive number of the package within the prior mentioned position. The package line may be directly allocated to the package within a position by the indication of the ID. |
| 27 | M/K | Indicator of shortage in quantity; not sent in case of declaration type "DUX" |

B**Declaration type = DUX**

The declaration type DUX must be used for consignments for which an exit summary declaration has been delivered

C

The line structure field number corresponds with the consignment description line