

**GEGIS**  
**Dangerous Goods Information System**  
**in the port of Hamburg**  
**Requirements for using**  
**EDIFACT-Message**  
**IFTDGN**

Version 02/2007

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## 1 Introduction

The Dangerous Goods notification for the port of Hamburg can be done by EDI (electronic data interchange) or by the means of online terminals.

When using EDI based notification, DAKOSY supports two types of Messages:

- DAKOSY internal standard
- EDIFACT-Message IFTDGN for Protect 0.5 in EDIFACT Version 95A , [PROTECT 1.0 in EDIFACT Version 98B](#) or [PROTECT 2.0 Version 03A](#).

In addition to the specifications made in the „EDIFACT Message Implementation Guide“, this description gives more detailed rules and requirements for using the IFTDGN message for the port of Hamburg.

The dangerous goods notification is used also to notify the data to the ZMGS according to the new AnlBV (from 18 February 2004). There are a few additional rules for new AnlBV/ZMGS.

## 2 Organizational Principles of the notification

### 2.1 Content of Notification

Notifications can be sent separate for import-, transit- und export-consignments or in any of the following combinations.

Examples:

separate notifications

- 1 message for all import-consignments
- 1 message for all transit-consignments
- 1 message for all export-consignments

combined notifications

- 1 message for all import- and transit-consignments
- 1 message for all export- and transit-consignments

## 2.2 Original message, change and cancellation of messages

Change of an existing message will always be achieved by complete replacement of the old message by the new message. All consignments of the old message (identified by segment REF, level 1, data element 1153, qualifier ACW) will be replaced by the new message. Partial change of notifications, for example by sending only changed consignments, is not allowed. The same principle applies to amending an existing notification. This can only be done by sending a change message of the complete, amended notification.

Cancellation of a notification is done by sending a CANMES message. The CANMES message relates to the whole message it references. Cancellation of single consignments is not supported by the CANMES message. For this purpose a change message, containing all but the canceled consignments has to be used.

## 2.3 Acknowledgment and error message

For every IFTDGN message received by DAKOSY/GEGIS an APERAK message will be returned to the sender. The APERAK message acknowledges the approval of the received IFTDGN message (segment BGM, data element 4343 (response type): „AP“ or “CA”) or rejects it, if an error has occurred (response type „RP“ or „RE“). **If the IFTDGN cannot be processed at all e. g. due to syntax-errors, a CONTRL –Message as answer is send if possible.**

The notification or its cancellation does not satisfy legal requirements until the APERAK message (response type „AP“) has been received.

## 3 Local required data for port authorities of Hamburg and the national announcement center

The following table shows segments and data elements (DE) required to satisfy the needs of the port authorities according to the Harbor Safety regulations of Hamburg (LGGVHH, formerly HSVo) and the national announcement center according to the EU-guideline 2002/106/EG (AnlBV). The following description is intended to amend and specify locally the „EDIFACT Message Implementation Guide“. Detailed information can be obtained in the PROTECT description.

Segment	Group/ Level	Description																					
UNB	0/0	Mandatory DE0001= UNOB DE0002 = 3																					
UNH	0/0	Mandatory DE0052 = 98B and DE0057 = PROT10 for a notification in EDIFACT-Version 98B DE0052= 03A and DE0057 = PROT20 for a notification in EDIFACT-Version 03A																					
BGM	0/0	Mandatory																					
DTM	0/0	Not processed by DAKOSY																					
FTX	0/1	Not processed by DAKOSY																					
RFF	0/1	Only Qualifier ACW within Replace-Message (Code 5 in data element 1225, segment BGM) is processed																					
HAN	0/1	DE4079 required by AnIBV and HSVO, the qualifiers RES, TSP, CTC are not processed																					
RFF	0/1	DE1153: Qualifier AAY (Carriers Agent Reference Number), FF (Freight Forwarders Reference Number) and ALG (Dangerous Goods Security Number) are processed																					
TDT	1/1	C222, DE 8213 not required at the moment, but providing with this information is strongly advised. required for AnIBV/ZMGS C222, DE 8212 required by AnIBV and HSVO																					
RFF	1/2	C506, DE 1154 (Qualifier VM in DE 1154) required by AnIBV and HSVO All other qualifiers are not processed by DAKOSY																					
LOC	1/2	DE 3227 = „BER“ and DE 3225 (use berth code according to DAKOSY-Code-list) required by HSVO DE 3227 = 61 (next port of call) and DE 3225 or 3224 required by AnIBV when announcing departure This is applied also for PROTECT 1.0 and 2.0, although „BER“ is not specified by the rules																					
DTM	1/2	DE 2005 = „132“ + „133“ (ETA und ETS) required for all notifications																					
LOC / DTM	1 / 2	The sequence of LOC- and DTM Segments: <table border="1" style="margin-left: 20px;"> <tbody> <tr> <td>LOC</td> <td>153</td> <td>Port of Call</td> </tr> <tr> <td>DTM</td> <td>132</td> <td>Date and Time of arrival (port of call)</td> </tr> <tr> <td>DTM</td> <td>133</td> <td>Date and Time of departure (port of call)</td> </tr> <tr> <td>LOC</td> <td>61</td> <td>Next Port of Call</td> </tr> <tr> <td>DTM</td> <td>132</td> <td>Estimated Date and Time of arrival <b>next</b> port (61)</td> </tr> <tr> <td>LOC</td> <td>94</td> <td>Last Port of Call</td> </tr> <tr> <td>DTM</td> <td>133</td> <td>Estimated Date and Time of departure <b>last</b> port (94)</td> </tr> </tbody> </table>	LOC	153	Port of Call	DTM	132	Date and Time of arrival (port of call)	DTM	133	Date and Time of departure (port of call)	LOC	61	Next Port of Call	DTM	132	Estimated Date and Time of arrival <b>next</b> port (61)	LOC	94	Last Port of Call	DTM	133	Estimated Date and Time of departure <b>last</b> port (94)
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NAD	1A/1	DE 3035 = „MS“ , „AK“ and „MR“ mandatory, use valid DAKOSY user code in C082, DE3039 all other elements are not processed. The qualifier „MR“ indicates the DAKOSY user code of the recipient of the notification. For																					

Segment	Group/ Level	Description
		<p>notifying the local port authorities (Hamburg police) the code „<b>BFI</b>“ has to be used. As the segment NAD / qualifier MR can occur more than once, one notification can be forwarded to different recipients. Example: A message with two NAD segments „NAD/MR=BFI“ and „NAD/MR=HHS“ will be distributed to the port authorities and to the Quay operator HHLA.</p> <p>For DE3035= “MS” the complete address (name, street, zip, city, country) has to be assigned DE3503 = “CG” is not required but strongly recommended .</p>
CTA	1 / 2	processed for MS (Message Sender) and CG (Carriers Agent)
COM	1 / 2	processed for MS and CG, telephone- and faxnumber is needed DE3148 = TE and DE3148 = FX
EQD	1C/1	not processed
CNI	2/1	C503, DE 1004 mandatory, may be used to transmit the B/L number of an import/transit notification or to specify a reference number of an export notification.
HAN	2/2	DE4079 required by AnlBV and HSVO, the qualifiers D,L, LDI, LLO and T are processed, RES, TSP are not processed
DTM	2/2	not processed
LOC	2/2	Only qualifier „BER“ (berth code according to DAKOSY code list), „9“ and „11“ are processed, T34 is ignored. C519 is not processed.
TDT	2A/2	not processed
NAD	3/2	Indicate DAKOSY user code acc. to DAKOSY code list in C082, DE 3039. C058 is not processed. DE3035: The qualifier MR is used to allocate different partners for special position.
CTA	4/3	not processed
REF	3/3	DE1153: Only the qualifier ALH (Dangerous Goods Transport License Number) is processed, DE1154 contains the Number
GID	5/2	C213 (first) is required by DAKOSY in all messages.
FTX	5/3	not processed
PCI	5/3	not processed
SGP	5A/3	not processed
MEA	5A/3	not processed
DGS	6/3	DE 8273: only Code IMD is accepted C205 DE8078 is not processed C234, DE 7088 is not processed C223, DE 6411: Flashpoint is mandatory for goods of class 3 DE 8410 is not processed DE 8364 contains both ems-numbers, three digits each without any delimiters, e. g. F-1S-2
FTX	6/4	Qualifier AAD:

Segment	Group/ Level	Description
		<p>requires correct technical name (in DE 4440) without delimiters or other special character. If the good is transported in limited quantities, DE4441 contains TLQ and the technical name must contain "in limited quantity" or "LTD QTY" as additional indication.</p> <p>Qualifier AAC: requires in case of „marine pollutant“ indicating of DE 4441. Valid values are: P = Marine Pollutant; PP = Severe Marine Pollutant</p> <p>For items of class 7: the first occurrence of DE 4440 contains the radionuclide (only for fissible) the second DE 4440 requires the category the third requires the identification (BfS-Genehmigungsnr) the fourth the transport index, the fifth the package type.</p>
MEA	6/4	<p>All Values for DE6313 named in the PROTECT-documentation are processed. For items of class 7, the critically safety index (T20), activity (AEO), and radioactive index of transport (AEN) are required. DE6411 additional Measure unit qualifiers : GBQ (Giga Becquerel) TBQ (Terra Becquerel) 4N (Mega Becquerel)</p>
LOC	6/4	Stowing position for <b>non container</b> consignments
RFF	6/4	DE1153 = ALF (Authorization number for exceptions to dangerous goods regulations) is processed
SGP	7/4	Required for container consignments
LOC	7/5	Stowing position for <b>container</b> consignments

### 3.1 Checks for consistency and correctness

Information relating to the UN number and the class of a dangerous good, are automatically checked by the GEGIS system. If any invalid combination of class and UN number occurs, the complete message is rejected.