

GEGIS
Dangerous Goods Information System
Port of Hamburg
Requirements for using
EDIFACT-Message
IFTDGN

Version 06/2015

DRAFT

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 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 to notify the data to NSW \(National Single Window\) according to the new AnlBV \(which will be released in 2015\). There are a few additional rules for new AnlBV/NSW..](#)

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 RFF, 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 an existing message will always be achieved by complete cancellation of the old message.

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“).

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 (GGBVOHH, formerly HSVo) and the national announcement center according to the EU-Directive 2010/65. The following description is intended to amend and specify locally the „EDIFACT Message Implementation Guide“. Detailed information can be obtained in the PROTECT description.

For more information refer to the PROTECT-Homepage <http://www.protect-group.org/>.

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 Values for BGM1225: 9=Original, 5=Modification 1=Cancellation are processed															
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 AnLBV and GGBVOHH, 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 AnLBV/NSW C222, DE 8212 required by AnLBV and GGBVOHH															
RFF	1/2	C506, DE 1154 (Qualifier VM in DE 1153) Radio Call Sign required by AnLBV and GGBVOHH															
RFF	1/2	C506, DE 1154 (Qualifier ATZ in DE 1153) NSW: Visit-ID/Transit-ID required by AnLBV and GGBVOHH (conditionally: C506, DE 1156 Owner of the NSW: Visit-ID/Transit-ID / DAKOSY Code) 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 GGBVOHH DE 3227 = 61 (next port of call) and DE 3225 or 3224 required by AnLBV 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	For Example: A 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 next port (61)</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 next port (61)
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DTM	132	Estimated Date and Time of arrival next port (61)															

Segment	Group/ Level	Description						
		<table border="1"> <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 last port (94)</td> </tr> </table>	LOC	94	Last Port of Call	DTM	133	Estimated Date and Time of departure last port (94)
LOC	94	Last Port of Call						
DTM	133	Estimated Date and Time of departure last port (94)						
NAD	1A/1	<p>DE 3035 = „MS“ , „AK“ and „MR“ are processed, use valid DAKOSY user code in C082, DE3039 all other elements are not processed.</p> <p>The qualifier „MR“ indicates the DAKOSY user code of the recipient of the notification. For notifying the local port authorities (Hamburg police) the code „BFI“ has to be used.</p> <p>As the segment NAD / qualifier MR can occur more than once, one notification can be forwarded to different recipients.</p> <p>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-Burchardkai</p> <p>For DE3035= „MS“ the complete address (name, street, zip, city, country) has to be assigned</p>						
CTA	1 / 2	processed for MS (Message Sender)						
COM	1 / 2	processed for MS 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. Used as a reference In case of any errors on consignment level.						
HAN	2/2	DE4079 required by AnlBV and GGBVOHH, the qualifiers D,L, LDI, LLO, T and RES are processed, 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						
RFF	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						

Segment	Group/ Level	Description
MEA	5A/3	not processed
DGS	6/3	<p>DE 8273: only Code IMD for general cargo is accepted</p> <p>DE 8273: Codes IMS,MAR, IBC and IGC for bulk cargo are processed</p> <p>C205 DE8078 is not processed</p> <p>C234, DE 7088 is not processed</p> <p>C223, DE 6411: Flashpoint is mandatory for goods of class 3</p> <p>DE 8410 is not processed</p> <p>DE 8364 contains both ems-numbers, three digits each without any delimiters, e. g. F-1S-2</p>
FTX	6/4	<p>Qualifier AAD: 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>If the good is transported in excepted quantities, DE4441 contains TEQ and the technical name must contain "in excepted quantity" 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 fissile) 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.</p> <p>For items of class 7, the critically safety index (T20), activity (AEO), and radioactive index of transport (AEN) are required.</p> <p>DE6411 additional Measure unit qualifiers :</p> <p>GBQ (Giga Becquerel)</p> <p>TBQ (Terra Becquerel)</p> <p>4N (Mega Becquerel)</p>
LOC	6/4	Stowing position for non container 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 container 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.

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