

TECHNICAL ASSESSMENT OF STATUS 0 MESSAGE SUBMISSIONS

This message has undergone an initial technical assessment, which found certain technical and presentation problems.

These have been communicated to the Design Group in question, and must be taken into account, either for the next Status 0 submission, or before the message is submitted as a request for Status 1.

Anything shown under Section 5 (or in some cases which should have been shown under Section 5 - Directory Variations) is NOT approved at this stage.

UN/EDIFACT

DRAFT DOCUMENT

IN TRANSIT GROUPAGE MESSAGE

Please note that this message may be revised a number of times before it is next submitted to the Working Party. Further information on the development of this message can be obtained from the Rapporteur's EDIFACT Board Secretariat. This revision is issued for information and comments and is not intended for implementation.

Message Type : ITRGRP
Version : 0
Release : 1
Contr. Agency : RT

Status : 0
Date : 92-09

Source: Submitted by Western European Message Development Group 1
on behalf of Pan-American Edifact Board

Message type specification, ITRGRP,

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IN TRANSIT GROUPAGE MESSAGE

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For general information on UN standard message types see UN Trade data interchange directory UNTDID, part 4, section 2.5, UN/ECE UNSM General introduction.

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0. Introduction

This specification provides the definition of In Transit Groupage Message (ITRGRP) to be used in Electronic Data Interchange (EDI) between partners involved in administration, commerce and transportation.

1. Scope

This paper provides the definition of the United Nations Standard In Transit Groupage message to be used in Electronic Data Interchange (EDI) between trading partners.

1.1 Functional Definition

The ITRGRP message is transmitted by the immediate sender of the goods to the next direct recipient in the material flow where one or more of the parties is a Grouping Centre. An ITRGRP message has to be accompanied by the related In Transit Report Detail messages. At least one of them must be a grouping Centre

A grouping Centre is a logistic point where goods are moved from one means of transport to another one for optimisation of transport cost. There is neither stock held in a grouping Centre nor repackaging.

1.2 Field of Application

The UN Standard In Transit Grouping Message may be applied for both national and international trade. It is based on universal commercial practice and is not dependent on the type of business or industry.

1.3 Principles

The message allows the grouping Centre to re-group consignments received from one or more original consignors or other grouping centres and to despatch them to another grouping Centre or to the ultimate consignee.

The message refers to goods despatched on a single unit of transport only (e.g. a single truck, a single railway wagon or a

single sea container). The sender of the message may be:

- . the consignor, or
- . a grouping Centre.

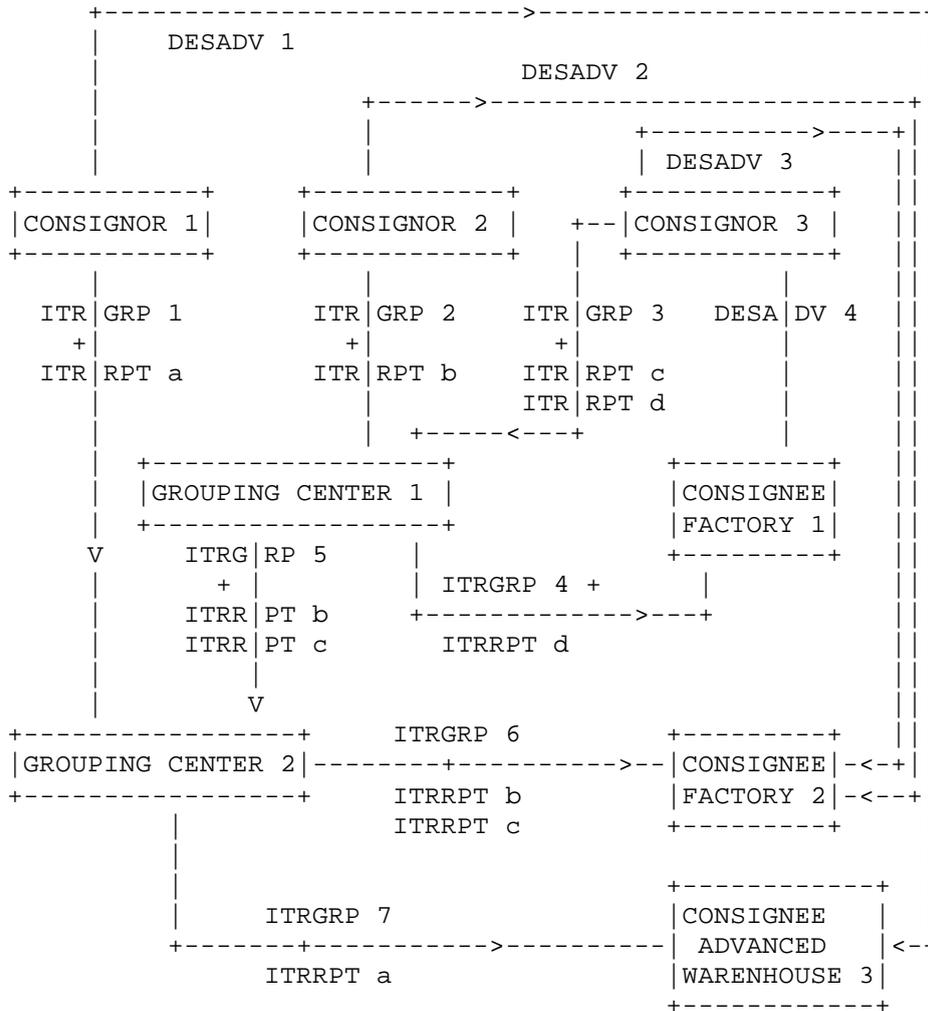
The recipient of the message may be :

- . a grouping Centre, or
- . the consignee (an intermediate warehouse or the ultimate recipient).

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The following diagram illustrates the information flows.

INFORMATION FLOWS



2. References

See UNTDID, Part 4, Section 2.5. UN/ECE UNSM - General Introduction, Section 1.

3. Terms and Definitions

See UNTDID, Part 4, Section 2.5. UN/ECE UNSM - General Introduction, Section 2.

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4. Message Definition

This section is provided to give clarification and further explanation to the usage of segments within the message structure.

4.1 Data Segment Clarification

This section should be read in conjunction with the Branching Diagram and Segment Table which indicate mandatory, conditional and repeating requirements.

The following guidelines and principles apply to the whole message and are intended to facilitate the understanding and implementation of the message:

All specified dates/times should be in the format 'yymmdd'/'hhmm' unless all parties involved in the transaction agree that there is a functional requirement for an alternative format. Periods should be specified as whole numbers representing the required period as indicated in the format qualifier (weeks, months, etc.)

Where a choice of code or text is given only the code element should be used wherever possible.

Care must be taken to avoid the conflicting use of qualifiers.

Free text information within the message should be avoided as this inhibits automatic processing.

4.1.1 Heading Section

Information to be provided in the Heading Section:

UNH, Message header

A service segment starting and uniquely identifying a message. The message type code for the UN In Transit Groupage Message is 'ITRGRP'.

Note: In Transit Groupage messages conforming to this document must

contain the following data in UNH, composite S009:

Data element 0065 ITRGRP
0052 0
0054 1
0051 RT

BGM, Beginning of message

A segment to indicate the type and function of the In Transit Groupage Message and to transmit its unique identifying number.

DTM, Date/Time/Period

A segment specifying general dates, and when relevant, times related to the whole message.

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MEA, Measurements

A segment specifying dimensions relevant for the entire consignment such as weight and volume.

Segment group 1: RFF-DTM

A group of segments giving references relating to the whole message, e.g. contract number, and when necessary their dates.

RFF, Reference

A segment for referencing documents relating to the whole message, e.g. way bill.

DTM, Date/time/period

Date/time/period of the referred document.

Segment group 2: NAD-LOC-SG3

A group of segments identifying names, addresses and locations relevant to the whole message.

NAD, Name and address

A segment for identifying names and addresses and their functions relevant for the whole message. Identification of the parties involved is recommended for the In Transit Grouping message. They are to be given in the NAD segment.

LOC, Place/location identification

A segment indicating more details regarding specific places/locations, e.g. internal site/building number.

Segment group 3: CTA-COM

A group of segments to identify person, function, department and appropriate numbers to whom communication should be directed.

CTA, Contact information

A segment to identify person, function, department to whom communication should be directed.

COM, Communication contact

Identify communication types and numbers for person, function,

department identified in CTA.

Segment group 4: TDT-PCD-SG5

A group of segments specifying details of the mode and means of transport and date/time of departure and destination relating to the grouped consignment.

TDT, Details of transport

A segment specifying the carrier mode and means of transport and its identification.

PCD, Percentage Detail

A segment indicating the utilized capacity of the means of transport.

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Segment group 5: LOC-DTM

A group of segments giving the location and date/time information relative to the transportation.

LOC, Place/location identification

A segment indicating locations relevant to the transport routing.

DTM, Date/time/period

A segment giving the date/time/period information of departure and/or arrival for the specified location.

Segment group 6: EQD-MEA-SEL-EQA-PCD-SG7

A group of segments providing information relating to equipment used for the transportation of goods.

EQD, Equipment details

A segment to define fixed information regarding equipment used.

MEA, Measurements

A segment specifying the physical measurements of the equipments.

SEL, Seal number

A segment specifying the seal number connected to the equipment.

EQA, Attached equipment

A segment identifying equipment either attached to the equipment described in the EQD segment above, or equipment related to that EQD segment, and which is further defined in a subsequent EQD segment.

PCD, Percentage Detail

A segment indicating the utilized capacity of the equipment.

Segment Group 7: HAN-FTX

A group of segments providing information on hazardous goods and their handling.

HAN, Handling instructions

A segment providing handling instruction and/or notification of hazardous materials in the specified equipment.

FTX, Free text

A segment with free text information, in coded or clear form, to give further clarification.

4.1.2 Detail Section

Information to be provided in the detail section:

UNS, Section Control

A mandatory service segment placed before the first user segment in the detail section to avoid segment collision.

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RFF, Reference

A mandatory segment used to identify all the in transit report detail messages related to the re-grouped consignment.

UNT, Message trailer

A service segment ending a message, giving the total number of segments in the message and the Control reference number of the message.

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4.2 Message Structure

4.2.1 Branching Diagram

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4.2.2 Segment Table

TAG	NAME	S	REPT	S	REPT
UNH	Message header	M	1		
BGM	Beginning of message	M	1		
DTM	Date/time/period	C	10		
MEA	Measurements	C	5		
----- Segment Group 1 -----				C	10
RFF	Reference	M	1		
DTM	Date/time/period	C	1		
----- Segment Group 2 -----				C	10
NAD	Name and address	M	1		
LOC	Place/location identification	C	10		
----- Segment Group 3 -----				C	10
CTA	Contact information	M	1		
COM	Communication contact	C	5		
----- Segment Group 4 -----				C	1
TDT	Details of transport	M	1		
PCD	Percentage details	C	1		
----- Segment Group 5 -----				C	10
LOC	Place/location identification	M	1		
DTM	Date/time/period	C	10		
----- Segment Group 6 -----				C	10
EQD	Equipment details	M	1		
MEA	Measurements	C	5		

SEL	Seal number	C	25	
EQA	Attached equipment	C	5	
PCD	Percentage details	C	1	
----- Segment Group 7 -----			C	10
HAN	Handling instructions	M	1	
FTX	Free text	C	10	
UNS	Section control	M	1	
RFF	Reference	M	999	
UNT	Message trailer	M	1	

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4.3 Data Segment Index (Alphabetic Sequence)

BGM Beginning of message
 COM Communication contact
 CTA Contact information
 DTM Date/time/period
 EQA Attached equipment
 EQD Equipment details
 FTX Free text
 HAN Handling instructions
 LOC Place/location identification
 MEA Measurements
 NAD Name and address
 PCD Percentage detail
 RFF Reference
 SEL Seal number
 TDT Details of transport
 UNH Message header
 UNS Section control
 UNT Message trailer

5. Directories

5.1 Directory References

See Trial Directory 91.1

5.2 Explanation of Directories Variations

No variations

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