



**PRINCIPLES AND RULES
FOR THE
IMPLEMENTATION OF
TRANSPORT EDI MESSAGES**

TRANSPORT EQUIPMENT MOVEMENTS

(MARITIME-RELATED CONTAINER MESSAGES)

**BASED ON UN/EDIFACT - D95B
CONTAINER MOVEMENT MESSAGES**

DOCUMENT REFERENCE : JM4/ITIGG/96.101/v.131

Authorised and Issued by the UN/EDIFACT JRT Joint Message Development Group
4 (Transport), through its ITIGG sub-group (the International Transport
Implementation Guidelines Group)

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PRINCIPLES AND RULES FOR MARITIME IMPLEMENTATION OF TRANSPORT EDI MESSAGES

TRANSPORT EQUIPMENT MOVEMENTS (MARITIME-RELATED CONTAINER MESSAGES)

INTRODUCTION

SCOPE OF THIS DOCUMENT

This document has been developed by the International Transport Implementation Guidelines Group (ITIGG) and covers maritime-related electronic data interchange (EDI). Specifically it provides guidance as to the recommended usage within the set of container handling messages of codes, qualifiers, data elements, composites, segments and groups of segments for international trade purposes.

The maritime-related container messages to which this document applies are as follows:

CODENO	Container Permit Expiration/Clearance Ready Notice
COEDOR	Container Stock Report
COHAOR	Container Special Handling Order
COREOR	Container Release Order
COPINO	Container Pre-Notification
COPARN	Container Announcement
CODECO	Container Gate-in/Gate-out Report
CALINF	Call Information
VESDEP	Vessel Departure
COARRI	Container Discharge/Loading Report
COPRAR	Container Discharge/Loading Order
COSTCO	Container Stuffing/Stripping Confirmation
COSTOR	Container Stuffing/Stripping Order

The intention is to provide principles and rules to ensure consistent use throughout the worldwide trade and transport community of such trade data.

By establishing this consistency, trade and transport organisations and their supporting software developers and value-added network suppliers can develop products and services incorporating EDI messages which will be interchangeable and readable by other like services throughout the world.

DOCUMENT REFERENCE

The number of this document is JM4/ITIGG/96.101 which refers to document number 101 issued in 1996 by UN/EDIFACT Joint Message Development Group 4 (Transport), through its International Transport Implementation Guidelines Sub-Group.

RELATED DOCUMENTS

This document should be read in conjunction with the general introduction to usage of the Container Message set, entitled "Guide to the UN/EDIFACT Container Handling Messages" (Guide to the Scenario of EDIFACT Container Messages), document number JM4/ITIGG/9/102.

The purpose of that document is to outline for users, the use and interrelationship between the various UN/EDIFACT container handling messages developed by JM 4.

UN/EDIFACT DIRECTORY REFERENCE

This document is based on the UN/EDIFACT D95B directory. This directory has been designated by JM4 (Transport) as the basis for all global implementations and associated guidelines for the Container Message set. A review of this document will be undertaken during late 1997/early 1998.

COMPLIANCE WITH ITIGG PRINCIPLES AND RULES

At its Helsinki meeting in September 1996, JM4/ITIGG agreed on specific conditions for compliance with the Principles and Rules laid out in this document. These conditions take the form of Recommendation JM4/50, which reads as follows:

JM4 recommends that user groups use the documents issued by ITIGG for Principles and Rules (P&R) for specific sets of messages to the fullest extent possible.

1.0 *JM4 allows user groups to describe their specific Message Implementation Guidelines (MIGs) as 'compliant with the ITIGG Principles and Rules document Version *.*' provided that:*

1.1 *The usage indicators in the user group MIG are derived from the relevant Principles and Rules document according to the following rule:*

<i>Usage Indicator in UNSM</i>	<i>Usage Indicator in P&R document</i>	<i>Usage Indicator in specific MIG</i>
<i>Mandatory (M)</i>	<i>Mandatory (M)</i>	<i>always Mandatory (M)</i>
<i>Conditional (C)</i>	<i>Required (R)</i>	<i>always Required (R)</i>
<i>Conditional (C)</i>	<i>Dependent (D)</i>	<i>may be Dependent, Required, Optional or Not Used (D,R,O,X)</i>
<i>Conditional (C)</i>	<i>Optional (O)</i>	<i>may be Optional, Dependent, Required or Not Used (O,D,R,X)</i>
<i>Conditional (C)</i>	<i>Not Used (X)</i>	<i>always Not Used (X)</i>

1.2 *The General Recommendations approved by JM4 and issued through ITIGG are followed.*

1.3 *The code values and qualifier values in the specific MIG should be chosen from those recommended by ITIGG in the relevant P&R Document.*

1.4 *Where these conditions are followed, the Guideline may be identified with the appropriate ITIGG version code (ITG**) in date element 0057 of the UNH.*

2.0 *In case user groups feel the need to deviate from the above compliance conditions an Implementation Change Request (ICR) is to be put forward to the regional UN/EDIFACT Transport Group. Where a guideline is published which does not comply with these conditions data element 0057 should not contain the ITIGG code.*

3.0 *When agreed in ITIGG the ICR will be incorporated in the next release of the relevant P&R document.*

The specific MIG is to be identified in DE 0057 in accordance with the rules set out in General Recommendation JM4/5.

BACKGROUND

It was the development of UN/EDIFACT messages in the Transport sector which initiated the formation of a global UN EDI standards organisation and this development has continued to progress from the inception of the UN/EDIFACT standard to the present time.

Message structures essential to the use of electronic commerce in the Transport sector have been agreed and approved by the relevant authorities up to and including Working Party 4 (Trade Facilitation) of UN/ECE. Over the past five years these messages have been implemented by various communities in the six UN/EDIFACT regions.

These existing implementations have, in most cases, developed in isolation and this has resulted in differing interpretations of the standard messages. In turn this has resulted in a lack of international synergy with regards to the use of codes, qualifiers, data elements, composites, segments, groups of segments and even the messages themselves.

The UN/EDIFACT Joint Message Development Group for Transport (JM4) has recognised that this lack of synergy represents a serious inhibitor to the growth of global electronic commerce.

As the harmonisation of implementation guidelines of UN/EDIFACT messages was not a formal work task of the Joint Rapporteurs Team (JRT) meeting - its purpose was to establish and maintain message structures and data directories - the interested members of JM4 (Transport) formed an informal group to attempt to harmonise known message implementation guides and user manuals and to provide a basis for intending implementers to proceed with confidence.

In late 1994 and early 1995 the group met informally to make recommendations on how codes, qualifiers, elements, segments and messages should be used. The progress made by this relatively small group of experts (less than 20) encouraged the group to formally establish itself as the International Transport Implementation Guidelines Group (ITIGG).

The aims and existence of ITIGG were announced after a meeting in Oakland, CA in July 1995. It was agreed that ITIGG would set itself the major objective of compiling and issuing a document in the first quarter of 1996 which would provide the principles and rules for the international implementation of electronic messages in the transport industry. This document which deals primarily with the maritime sector, represents the achievement of that objective. The future objectives of ITIGG are to incorporate the work of harmonising guidelines from other modes of transport covering air, road, rail and other means of inland transport.

At the UN/EDIFACT Joint Rapporteurs Team meeting in Oxford UK in September 1995, the JM4 (Transport) work group decided to recognise ITIGG as the source of guideline harmonisation information and leadership. JM4 also took a decision to officially accept ITIGG as a sub-group of JM4 (Transport).

Furthermore the JM4 (Transport) Group at the Oxford JRT meeting has requested the Rapporteurs - through their Co-Chairman - to formally include the work of harmonising implementation guidelines in the scope of the re-engineered UN/EDIFACT process.

At the Helsinki JRT meeting in September 1996 it was agreed that a formal working group should be established within the JRT process to commence the work of comparing and harmonising segment usage between different industry sectors. This has received the endorsement of other key working groups within UN/EDIFACT.

STATUS INDICATORS AND USAGE INDICATORS

Status Indicators

Status Indicators (M and C) form part of the UN/EDIFACT standard and indicate a minimum requirement to fulfil the needs of the message structure.

The Status Indicators are:-

<i>Value</i>	<i>Description</i>
M	Mandatory This entity must appear in all messages. Shown as Usage Indicator "M" in Implementation Guidelines.
C	Conditional This entity is used by agreement between the parties to the transaction.

A 'Conditional' Status Indicator may be represented by a supporting Usage Indicator which is either R, O, D or X (see below)

Usage Indicators

Throughout this document reference is made to indicators (R, O, D and X) which are shown adjacent to data items and which dictate for the particular message or set thereof the agreed usage of the data items or entities.

Set out below are the indicators and their respective uses:-

<i>Value</i>	<i>Description</i>
M	Mandatory Indicates that this item is mandatory in the message.
R	Required Indicates that this entity must be sent in this implementation.
D	Dependent Indicates that the use of the entity depends upon a well-defined condition or set of conditions. These conditions must be clearly specified in the relevant implementation guideline.
O	Optional Indicates that this entity is at the need or discretion of the sender of the message.
X	Not Used Indicates that the entity is not to be used in this message implementation.

Where an element within a composite is marked “M” or “R”, but the composite has been marked “O” or “D”, this indicates that the element must always be transmitted only if the composite is used.

Implementers are advised to include the above information on Usage and Status Indicators in their Implementation Guidelines.

DOCUMENT MAINTENANCE

The data content of this document has been prepared and approved by UN/EDIFACT JM4/ITIGG and no alteration may be made to the content of this document without reference to and approval of JM4/ITIGG.

Any remarks, questions, amendments or requested alterations to this document are to be addressed to:-

ITIGG Secretariat
c/- Karl Zlotkowski
Tradegate Australia Ltd
Suite 16106 Lvl 16, 44 Market Street
Sydney NSW 2000 AUSTRALIA

Telephone: 61 2 9262 5900
Facsimile: 61 2 9262 5966
Internet: karlzed@mail.att.net
WWW: www.tradegate.org.au

preferably via the UN/EDIFACT Transport Work Group / Message Design Group in the requestor's region.

INDEX OF GENERAL RECOMMENDATIONS

The Index which follows includes a number of general recommendations which do not appear in this document. From time to time they are referred to in the specific recommendations which follow. The General Recommendations are published separately as document number JM4/ITIGG/96_104.

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INDEX OF SPECIFIC RECOMMENDATIONS

The Index which follows covers the recommendations included in this document.

Two columns have been included showing the status of each segment in the various messages (UNSM) and the usage recommended by ITIGG. It should be noted that all segments do not appear in all messages, and in some cases appear as stand-alone segments rather than as part of a group.

TRANSPORT EQUIPMENT RECOMMENDATIONS	NUMBER	UNSM	ITIGG
Header Level			
	UNH JM4/201	M	M
	BGM JM4/202	M	M
	DTM JM4/203	M/C	D
	TMD JM4/204	C	O
	TSR JM4/205	C	O
	FTX JM4/206	C	O
RFF Group			
	JM4/207	C	O
	RFF JM4/208	C/M	
D/M			
	DTM JM4/209	C	O
Transport Details Group			
	JM4/210	C/M	D
	TDT JM4/211	M	M
	RFF JM4/212	C	O
	LOC JM4/213	C/M	O
	DTM JM4/214	C/M	O
	FTX JM4/215	C	X
Name & Address Details Group			
	JM4/216	M	M
	NAD JM4/217	M	M
Contact Details Group			
	JM4/218	-	O
	CTA JM4/219	C	O
	COM JM4/220	C	O
	RFF JM4/221	C	X
	DTM JM4/222	C	X
Consignment Details			
	JM4/223	M	D
	CNI JM4/224	M	M
	RFF JM4/225	C	O
	NAD JM4/226	C	X

Goods Details Group			JM4/227	C	O
	GID		JM4/228	M	M
DOC Group			JM4/229	M	O
	DOC		JM4/230	C/M	
O/M		DTM	JM4/231	M	M
	HAN		JM4/232	C	O
	FTX		JM4/233	C	O
	DTM		JM4/234	C	O
	RFF		JM4/235	C	O
	PIA		JM4/236	C	O
	MEA		JM4/237	C	O
	DIM		JM4/238	C	O
	TMP		JM4/239	C	D
	RNG		JM4/240	C	O
	PCI		JM4/241	C	O
NAD Group			JM4/242	C	O
	NAD		JM4/243	M	M
	DTM		JM4/244	C	O
	RFF		JM4/245	C	O
SGP Group			JM4/246	C/M	
O/M		SGP	JM4/247	C/M	
O/M		MEA	JM4/248	C	O
DGS Group			JM4/249	C	D
	DGS		JM4/250	C/M	
D/M		FTX	JM4/251	C	R
	MEA		JM4/252	C	O
DGS Contacts			JM4/253	-	O
	CTA		JM4/254	-	M
	COM		JM4/255	-	O
SGP Group			JM4/256	C	O
	SGP		JM4/257	M	M
	MEA		JM4/258	C	O

Equipment Details Group		JM4/259	C/M	M
	EQD	JM4/260	M	M
	RFF	JM4/261	C/M	D
	EQN	JM4/262	C	D
	TMD	JM4/263	C	O
	TSR	JM4/264	C	X
	DTM	JM4/265	C	O
	LOC	JM4/266	C	O
	MEA	JM4/267	C	O
	DIM	JM4/268	C	O
	TMP	JM4/269	C	O
	RNG	JM4/270	C	O
	SEL	JM4/271	C	O
	FTX	JM4/272	C	O
	DGS	JM4/273	C	D
	MOA	JM4/274	C	O
	EQA	JM4/275	C	O
	GOR	JM4/276	C	O
	HAN	JM4/277	C	O
	PIA	JM4/278	C	O
DAM Group				
		JM4/279	C	D
	DAM	JM4/280	M	M
	COD	JM4/281	C	O
TDT Group				
		JM4/282	C	O
	TDT	JM4/283	M	M
	RFF	JM4/284	M	O
	LOC	JM4/285	C	O
	DTM	JM4/286	C	O
NAD Group				
		JM4/287	C	O
	NAD	JM4/288	C/M	
O/M				
	DTM	JM4/289	C	X
	CTA	JM4/290	C	O
	COM	JM4/291	C	O
QTY Group				
		JM4/292	C	D
	QTY	JM4/293	M	M
	FTX	JM4/294	C	X
Message Trailer				
	CNT	JM4/295	M	M
	UNT	JM4/296	M	M

MESSAGE HEADER

RECOMMENDATION JM4/201 - USE OF THE UNH

M

FUNCTION OF THE SEGMENT

The UNH segment is used to head, identify and specify a message

MESSAGE REQUIREMENTS

CODENO	Header	M 1
COEDOR	Header	M 1
COHAOR	Header	M 1
COREOR	Header	M 1
COPINO	Header	M 1
COPARN	Header	M 1
CODECO	Header	M 1
CALINF	Header	M 1
VESDEP	Header	M 1
COARRI	Header	M 1
COPRAR	Header	M 1
COSTCO	Header	M 1
COSTOR	Header	M 1

RECOMMENDED SEGMENT USAGE

Use of the UNH segment is mandatory in all messages.

RECOMMENDED SEGMENT DETAIL

MSG REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M M	0062	MESSAGE REFERENCE NUMBER (<i>unique within an interchange</i>)	an..14
M M	S009	MESSAGE IDENTIFIER	
M M	0065	Message type identifier	an..6
		<i>CODENO Container Permit Expiration/Clearance Ready Notice</i>	
		<i>COEDOR Container Stock Report</i>	
		<i>COHAOR Container Special Handling Order</i>	
		<i>COREOR Container Release Order</i>	
		<i>COPINO Container Pre-Notification</i>	
		<i>COPARN Container Announcement</i>	
		<i>CODECO Container Gate-in/Gate-out Report</i>	
		<i>CALINF Call Information</i>	
		<i>VESDEP Vessel Departure</i>	
		<i>COARRI Container Discharge/Loading Report</i>	
		<i>COPRAR Container Discharge/Loading Order</i>	
		<i>COSTCO Container Stuffing/Stripping Confirmation</i>	
		<i>COSTOR Container Stuffing/Stripping Order</i>	
M M	0052	Message type version number (<i>D</i>)	an..3
M M	0054	Message type release number (<i>95B</i>)	an..3
M M	0051	Controlling agency (<i>UN</i>)	an..2
C R	0057	Association assigned code (<i>Agreed identifier for the Guideline</i>)	an..6
C O	0068	COMMON ACCESS REFERENCE (<i>Additional message reference if required</i>)	an..6
C X	S010	STATUS OF THE TRANSFER	-

SAMPLE SEGMENT USAGE

UNH+0001+CODECO:D:95B:UN:ITG10+addref'

NOTES ON RECOMMENDATION JM4/201

- 0054:** At the Oxford meeting of JM4 it was agreed that the first versions of reference guidelines for all container messages would be prepared using the D95B Directory.
- 0057:** Following the principle established by SMDG for the BAPLIE message guideline, the following are suggested, though other values are possible (General Recommendation JM4/5 refers):

SMDG10 =	SMDG Version 1.0
INT10 =	INTIS Version 1.0
SEA10 =	SEAGHA Version 1.0
ANZ10 =	Australia/New Zealand Version 1.0
CON10 =	Concord Version 1.0
ISA10 =	ISA Version 1.0
LOT10 =	UK ECA Version 1.0

For further information see the section on compliance with ITIGG Principles and Rules in the Introduction to this document (Recommendation JM4/50 refers).

RECOMMENDATION JM4/202 - USE OF THE BGM**M****FUNCTION OF THE SEGMENT**

The BGM segment is used to specify the type and function of the message.

MESSAGE REQUIREMENTS

CODENO	Header	M 1
COEDOR	Header	M 1
COHAOR	Header	M 1
COREOR	Header	M 1
COPINO	Header	M 1
COPARN	Header	M 1
CODECO	Header	M 1
CALINF	Header	M 1
VESDEP	Header	M 1
COARRI	Header	M 1
COPRAR	Header	M 1
COSTCO	Header	M 1
COSTOR	Header	M 1

RECOMMENDED SEGMENT USAGE

Use of the BGM segment is mandatory.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT	DESCRIPTION	SIZE/TYPE
C R C002	DOCUMENT/MESSAGE NAME	
C R 1001	Document/message name, coded (<i>for codes see note below</i>)	an..3
C X 1131	Code list qualifier	-
C X 3055	Code list responsible agency, coded	-
C X 1000	Document/message name	-
C R 1004	DOCUMENT/MESSAGE NUMBER (<i>Sender's unique reference number</i>)	an..35
C R 1225	MESSAGE FUNCTION, CODED	an..3
	1 Cancellation (<i>whole message</i>)	
	2 Addition (<i>detail level</i>)	
	3 Deletion (<i>detail level</i>)	
	4 Change (<i>detail level - see note below</i>)	
	5 Replace (<i>whole message</i>)	
	9 Original (<i>whole message</i>)	
	22 Final (<i>whole message</i>)	
	31 Copy (<i>to third party</i>)	
	33 Change in heading section	
	36 Change in detail section	
C O 4343	RESPONSE TYPE, CODED	an..3
	AB <i>Message acknowledgment required</i>	

SAMPLE SEGMENT USAGE

BGM+34+2342+9+AB'

NOTES ON RECOMMENDATION JM4/202

- 1001:** The Oxford JM4 agreed that for consistency this element will always be used, even for single-function messages. The code list for DE 1001 will be extended accordingly - DMRs are in the process - see codes below.
- 1004:** If a message is to be corrected or updated, a new unique identification will be required (eg ABC-950131-007/corr1). For methodology see Recommendation JM4/208.
- 1225:** Additional codes have been included here, though users should be aware that many users may standardise on the use of codes 1, 5, 9 in accordance with recommendations for the IFTM set of messages.
- Where codes 2,3 or 4 are specified, the top level FTX may be used to indicate where the change has been made.
- It is recommended that if any codes other than 9 (original) have been used in DE 1225, a reference to the message being changed/replaced should appear in the header level RFF (see Resolution JM4/208) using the code ACW in DE 1153.
- 1004:** Users should be aware that a new message is being developed to serve the cancellation function.

CODES FOR USE IN DE 1001

The following codes have been requested for identifying message functions in the equipment messages. Those code values appearing in square brackets [] are not yet in the official Code List, but have been proposed for inclusion. These values may change in due course when the official Code List is updated - they are, however, acceptable for use between parties on an interim basis.

96	Impending Arrival	CALINF message
	Notification of impending arrival details for vessel.	
	<i>Existing code</i>	
[11]	Transport Equipment Acceptance Order	COPARN message
	Order to accept items of transport equipment which are to be delivered by an inland carrier (rail, road or barge) to a specified facility.	
	<i>Approved for D97A - code value will change</i>	
[12]	Transport Cargo Release Order	COREOR message
	Order to release cargo or items of transport equipment to a specified party.	
	<i>Approved for D97A - code value will change</i>	
[24]	Transport Equipment On-Hire Report	CODECO message
	Report on the movement of containers or other items of transport equipment to record physical movement activity and establish the beginning of a rental period.	

- Approved for D97A - code value will change*
- 24 **Restow** **COARRI message**
- Message/document identifying containers that have been unloaded and then reloaded onto the same means of transport
- Existing code*
- [25] **Transport Equipment Off-Hire Report** **CODECO message**
- Report on the movement of containers or other items of transport equipment to record physical movement activity and establish the end of a rental period.
- Approved for D97A - code value will change*
- [26] **Transport Equipment Direct Interchange Report** **CODECO message**
- Report on the movement of containers or other items of transport equipment being exchanged, establishing relevant rental periods.
- Approved for D97A - code value will change*
- [27] **Transport Equipment Impending Arrival Advice** **COPARN message**
- Advice that containers or other items of transport equipment may be expected to be delivered to a certain location.
- Approved for D97A - code value will change*
- [28] **Transport Equipment Damage Report** **DESTIM message**
- Report of damaged items of transport equipment that have been returned.
- Approved for D97A - code value will change*
- [29] **Transport Equipment Maintenance and Repair Work Estimate Advice** **DESTIM message**
- Advice providing estimates of transport equipment maintenance and repair costs.
- Approved for D97A - code value will change*
- [32] **Transport Equipment Empty Release Instruction** **COPARN message**
- Instruction to release an item of empty transport equipment to a specified party or parties.
- Approved for D97A - code value will change*
- [34] **Transport Movement Gate In Report** **CODECO message**
- Report on the inward movement of cargo, containers or other items of transport equipment which have been delivered to a facility by an inland carrier.

- Approved for D97A - code value will change*
- [36] **Transport Movement Gate Out Report** **CODECO message**
- Report on the outward movement of cargo, containers or other items of transport equipment (either full or empty) which have been picked up by an inland carrier.
- Approved for D97A - code value will change*
- [37] **Transport Equipment Unpacking Instruction** **COSTOR message**
- Instruction to unpack specified cargo from specified containers or other items of transport equipment.
- Approved for D97A - code value will change*
- [38] **Transport Equipment Unpacking Report** **COSTCO message**
- Report on the completion of unpacking specified containers or other items of transport equipment.
- Approved for D97A - code value will change*
- [39] **Transport Equipment Pick-up Availability Request** **COPARN message**
- Request for confirmation that an item of transport equipment will be available for collection.
- Approved for D97A - code value will change*
- [40] **Transport Equipment Pick-up Availability Confirmation** **COPARN message**
- Confirmation that an item of transport equipment is available for collection.
- Approved for D97A - code value will change*
- [41] **Transport Equipment Pick-up Report** **CODECO message**
- Report that an item of transport equipment has been collected.
- Approved for D97A - code value will change*
- [42] **Transport Equipment Shift Report** **CODECO message**
- Report on the movement of containers or other items of transport within a facility.
- Approved for D97A - code value will change*
- [43] **Transport Discharge Instruction** **COPRAR message**
- Instruction to unload specified cargo, containers or transport equipment from a means of transport.

- Approved for D97A - code value will change*
- [44] **Transport Discharge Report** **COARRI message**
- Report on cargo, containers or transport equipment unloaded from a particular means of transport.
- Approved for D97A - code value will change*
- Note that this is not the same as the existing code 25 (Container discharger list - Message/document itemising containers to be discharged from a vessel), which is an Australian Customs Requirement.*
- [45] **Transport Loading Instruction** **COPRAR message**
- Instruction to load cargo, containers or transport equipment onto a means of transport.
- Approved for D97A - code value will change*
- [46] **Transport Loading Report message** **COARRI**
- Report on completion of loading cargo, containers or other transport equipment onto a means of transport
- Approved for D97A - code value will change*
- [47] **Transport Equipment Maintenance and Repair Work Authorisation** **DESTIM message**
- Authorisation to have transport equipment repaired or to have maintenance performed.
- Approved for D97A - code value will change*
- [660] **Transport Equipment Delivery Notice** **COPINO message**
- Status to be confirmed*
- [661] **Transport Equipment Pick-up Notice** **COPINO message**
- Status to be confirmed*
- [680] **Transport Equipment Maintenance and Repair Work Estimate Order** **DESTIM message**
- Order to draw up an estimate of the costs of maintenance or repair of transport equipment.
- Approved for D97A - code value will change*
- [683] **Transport Equipment Maintenance and Repair Notice** **DESTIM message**
- Report of transport equipment which has been repaired or has had maintenance performed.

Approved for D97A - code value will change

- [684] **Transport Equipment Survey Order** **COHAOR message**
Order to perform a survey on specified items of transport equipment.
Approved for D97A - code value will change
- [685] **Transport Equipment Survey Order Response** **DESTIM message**
Response to an order to conduct a survey of transport equipment.
Approved for D97A - code value will change
- [686] **Transport Equipment Survey Report** **DESTIM message**
Survey report of specified items of transport equipment.
Approved for D97A - code value will change
- [687] **Customs Clearance Notice** **COREOR message**
Notification of Customs clearance of cargo or items of transport equipment.
Approved for D97A - code value will change
- [688] **Customs Documents Expiration Notice** **CODENO message**
Notice specifying expiration of Customs documents relating to cargo or items of transport equipment.
Approved for D97A - code value will change
- [689] **Transport Empty Equipment Advice** **COPARN message**
Advice that an item or items of empty transport equipment are available for return.
Approved for D97A - code value will change
- [692] **Transport Equipment On-Hire Request** **COPARN message**
Request for transport equipment to be made available for hire.
Approved for D97A - code value will change
- [693] **Transport Equipment On-Hire Order** **COPARN message**
Order to release empty items of transport equipment for on-hire to a lessee, and authorising collection by or on behalf of a specified party.
Approved for D97A - code value will change

[696]	Transport Equipment Off-Hire Request	COPARN message
	Request to terminate the lease on an item of transport equipment at a specified time.	
	<i>Approved for D97A - code value will change</i>	
[701]	Transport Departure Report	VESDEP message
	Report of the departure of a means of transport from a particular facility.	
	<i>Approved for D97A - code value will change</i>	
[702]	Transport Equipment Special Service Instruction	COHAOR message
	Instruction to perform a specified service or services on an item or items of transport equipment.	
	<i>Approved for D97A - code value will change</i>	
[703]	Transport Equipment Stock Report	COEDOR message
	Report on the number of items of transport equipment stored at one or more locations.	
	<i>Approved for D97A - code value will change</i>	
788	Container manifest (unit packing list)	COSTCO message
	Document/message specifying the contents of particular freight containers or other transport units, prepared by the party responsible for their loading into the container or unit.	
	<i>Existing code</i>	
[AAA]	Transport Equipment Movement Report	CODECO message
	Report on movements of transport equipment.	
	<i>DMR in preparation (KZ)</i>	
[DDD]	Transport Equipment Movement Instruction	COPARN message
	Instruction relating to the movement of transport equipment	
	<i>DMR in preparation (KZ)</i>	
[999]	Transport Equipment Status Change Report	CODECO message
	Report on changes to the operating status or condition of items of transport equipment.	
	<i>DMR in preparation (KZ)</i>	

RECOMMENDATION JM4/203 - USE OF THE HEADER LEVEL DTM**D****FUNCTION OF THE SEGMENT**

Where it is available in a message, the Header Level DTM is used to transmit the message date and time.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	Header	M 1
COHAOR	Header	C 9
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the Header Level DTM is mandatory in the COEDOR message, and optional in the COHAOR message.

RECOMMENDED SEGMENT DETAIL

MSG	REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M	M	C507	DATE/TIME/PERIOD	
M	M	2005	Date/time/period qualifier	an..3
			137 Document/message date/time (Message date/time)	
C	R	2380	Date/time/period (Date/time)	an..35
C	R	2379	Date/time/period format qualifier	an..3
			102 CCYMMDD	
			203 CCYMMDDHHMM	
			303 CCYMMDDHHMMZZZ	

SAMPLE SEGMENT USAGE

DTM+137:199612021155:203'

NOTES ON RECOMMENDATION JM4/203

General: Due to an oversight the header level DTM has not been included in the D95B version of all of the container messages, despite agreement to this effect at the Berlin JRT meeting.

DMRs have been lodged by ISA to have it inserted into all messages, and it should be available for version 2 of the reference guidelines in early 1997 (D97A Directory).

2005: The Oxford JRT meeting agreed that the appropriate date/time at this level is that which would normally appear on the message's paper equivalent (ie. the date placed at the top of a letter).

This is not necessarily the "processing date" (which is the time at which the message was generated) or the "transmission date" (which is the time which the message is actually sent).

In certain applications "processing date" and "message date" may be the same, if a message is generated for immediate transmission. If, however, a message is generated and stored for a period of time before it is batched for transmission, then the two dates/times will differ.

It has thus been agreed that the most appropriate date for use at this level is that which would apply in a paper environment - the date/time at which a document would be printed, prior to being placed in an envelope for posting.

The "transmission date" always appears automatically in the transmission "envelope". It equates to the date/time when a paper envelope is actually posted.

2379: The use of century (eg. 19xx, 20xx) has been recommended as a uniform standard for use in all messages. Where only the date is known, format code 102 should be used.

The use of 303 (CCYYMMDDHHMMZZZ) is to be preferred over 203 (CCYYMMDDHHMM) - (General Recommendation JM4/23 refers).

RECOMMENDATION JM4/204 - USE OF THE HEADER LEVEL TMD**O****FUNCTION OF THE SEGMENT**

The Header Level TMD is only present in the COPARN message where it is used to specify movement details which are applicable to the whole message.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	Header	C 1
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

The use of the TMD segment at this level is optional.

RECOMMENDED SEGMENT DETAIL

MSG	REC	ELEMENT	DESCRIPTION	SIZE/TYPE
C	O	C219	MOVEMENT TYPE	
C	R	8335	Movement type, coded	an..3
			2 LCL/LCL (= PP = CFS/CFS)	
			3 FCL/FCL (= HH = CY/CY)	
			4 FCL/LCL (= HP = CY/CFS)	
			5 LCL/FCL (= PH = CFS/CY)	
C	X	8334	Movement type	-
C	X	8332	EQUIPMENT PLAN	-
C	O	8341	HAULAGE ARRANGEMENTS, CODED	an..3
			1 Carrier (carrier arranges inland transport)	
			2 Merchant (shipper arranges inland transport)	

SAMPLE SEGMENT USAGE

TMD+2+1'

NOTES ON RECOMMENDATION JM4/204

General: The values in the TMD are operational.

RECOMMENDATION JM4/205 - USE OF THE HEADER LEVEL TSR**O****FUNCTION OF THE SEGMENT**

The Header Level TSR is only present in the COPARN message where it is used to specify transport service details which are applicable to the whole message.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	Header	C 1
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the Header Level TSR segment is optional.

RECOMMENDED SEGMENT DETAIL

MSG	REC	ELEMENT	DESCRIPTION	SIZE/TYPE
C	O	C536	CONTRACT & CARRIAGE CONDITION	
M	M	4065	Contract & carriage condition, coded	an..3
			4 Combined transport (intermodal contracts)	
			14 Through transport	
			27 Door-to-door	
			28 Door-to-pier	
			29 Pier-to-door	
			30 Pier-to-pier	
C	O	1131	Code list qualifier	an..3
C	O	3055	Code list responsible agency, coded	an..3
C	O	C233	SERVICE	
M	M	7273	Service requirement, coded (origin)	an..3
			1 Carrier loads	
			2 Full loads	
			3 Less than full loads	
			4 Shipper loads	
C	X	1131	Code list qualifier	-
C	X	3055	Code list responsible agency, coded	-
C	O	7273	Service requirement, coded (destination)	an..3
			2 Full loads	
			3 Less than full loads	
			4 Shipper loads	
C	X	1131	Code list qualifier	-
C	X	3055	Code list responsible agency, coded	-
C	O	C537	TRANSPORT PRIORITY	an..3
			1 Express	
			2 High speed	
			3 Low speed	
			4 Post service	
C	O	C703	NATURE OF CARGO	
M	M	7085	Nature of cargo, coded (see note below)	an..3

C	X	1131	Code list qualifier	-
C	X	3055	Code list responsible agency, coded	-

SAMPLE SEGMENT USAGE

TSR+4'

NOTES ON RECOMMENDATION JM4/205

General: The TSR is to specify contractual requirements, whereas the TMD segment is to be used for operational requirements. The values for use in both segments may, however, be the same. Where values do overlap, the use of the TSR is to be preferred (Recommendation JM4/35 refers).

Values at this level are the default for the whole consignment (General Recommendation JM4/37 refers). It should be used is the service requirements for the Main Carriage also apply to Pre or On Carriage, or if the service requirements of all transport stages are the same.

C233/7273: The first occurrence of DE 7273 indicates service at origin. The second occurrence indicates service at destination. The codes 2 and 3 are only to be used when no TMD segment is included in the header of a message.

7085: Either the first two digits of the harmonised system code or a code from the UN list for DE 7085, as follows:

5	Other non-containerised
6	Vehicles
7	Roll-on roll-off
8	Palletised
9	Containerised
10	Breakbulk
[11]	Diplomatic
[12]	Military goods
[13]	General
[14]	Hazardous
[15]	Obnoxious
[16]	Out of gauge

RECOMMENDATION JM4/206 - USE OF THE HEADER LEVEL FTX**O****FUNCTION OF THE SEGMENT**

The FTX at Header Level is used to specify free form supplementary information relating to the whole message.

MESSAGE REQUIREMENTS

CODENO	Header	C 9
COEDOR	Header	C 9
COHAOR	Header	C 9
COREOR	Header	C 9
COPINO	Header	C 9
COPARN	Header	C 9
CODECO	Header	C 9
CALINF	-	-
VESDEP	-	-
COARRI	Header	C 9
COPRAR	Header	C 9
COSTCO	Header	C 9
COSTOR	Header	C 9

RECOMMENDED SEGMENT USAGE

Although use of the Header Level FTX is optional, its use is normally discouraged except when used to specify change information related to the function of the message.

RECOMMENDED SEGMENT DETAIL

MSG REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M M	4451	TEXT SUBJECT QUALIFIER AAI General Information CHG Change Information OSI Other Service Information	an..3
C X	4453	TEXT FUNCTION, CODED	-
C D	C107	TEXT REFERENCE	
M M	4441	Free text, coded (in the case of DE 4451 = CHG) [C1] Message level change [C2] Message level addition [C3] Message level deletion [C4] Container information changed [C5] Container(s) added [C6] Container(s) deleted [C7] Consignment information changed [C8] Consignment(s) added [C9] Consignment(s) deleted [C10] Goods Item information changed [C11] Goods Item(s) added [C12] Goods Item(s) deleted (in the case of DE 4451 = OSI) [D] Discharge [L] Load	an..3
C X	1131	Code list qualifier	-
C X	3055	Code list responsible agency, coded	an..3

C	D	C108	TEXT LITERAL	
M	M	4440	Free text	an..70
C	O	4440	Free text	an..70
C	O	4440	Free text	an..70
C	O	4440	Free text	an..70
C	O	4440	Free Text	an..70
C	O	3453	LANGUAGE, CODED (as per ISO 639-1988)	an..3

SAMPLE SEGMENT USAGE

F'TX+AAI+++GENERAL INFORMATION'

NOTES ON RECOMMENDATION JM4/206

C107: To be used only when 4451 = CHG or OSI.

C108: To be used only when 4451 = AAI. Only the first repeat of 4440 should ever be Required - all others should be Optional. C108 should not be used when 4451 = CHG or OSI.

RECOMMENDATION JM4/207 - USE OF THE HEADER LEVEL RFF GROUP**O*****FUNCTION OF THE GROUP***

Within the D95B directory this Header Level RFF Group is only present in the COHAOR message where it is used to specify reference numbers and any associated dates and times which may be applicable to the whole message. All the other container messages contain instead a single repeating RFF segment at header level (see recommendation JM4/208 below). It has been agreed that in future versions of these other messages the single RFF segment will be replaced by this Group including a DTM segment as described in recommendation JM4/209 below.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	Group 1 (RFF)	C 9
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED GROUP USAGE

Use of the RFF Group at Header Level is optional.

RECOMMENDATION JM4/208 - USE OF THE HEADER LEVEL RFF SEGMENT/ RFF TRIGGER SEGMENT WITHIN THE RFF GROUP	D/ M
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FUNCTION OF THE SEGMENT

The RFF segment is used to specify a reference number which applies to the whole consignment. In the case of the COHAOR message this is the trigger segment of the RFF Group at Header Level.

MESSAGE REQUIREMENTS

CODENO	Header	M 9
COEDOR	Header	C 9
COHAOR	Group 1 (RFF)	M 1
COREOR	Header	C 9
COPINO	Header	C 9
COPARN	Header	M 9
CODECO	Header	C 9
CALINF	Header	C 9
VESDEP	Header	C 9
COARRI	Header	C 9
COPRAR	Header	M 9
COSTCO	Header	M 9
COSTOR	Header	M 9

RECOMMENDED SEGMENT USAGE

Use of the RFF segment is mandatory for the CODENO, COHAOR (trigger segment of RFF Group), COPARN, COPRAR, COSTCO and COSTOR messages otherwise its use is optional.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT</i>	<i>DESCRIPTION</i>	<i>SIZE/TYPE</i>
M M C506	REFERENCE	
M M 1153	Reference qualifier	an..3
	[CAO] Acceptance Order Reference	
	[CDO] Container Disposition Order Reference	
	[REO] Release Order Reference	
	[STF] Stuffing (packing) Reference	
	[STR] Stripping (unpacking) Reference	
	[ZZZ] Dummy value	
	AAM Waybill number	
	AAY Carrier's Agent's reference number	
	ACD Additional Reference Number	
	ACW Reference number to previous message	
	BM Bill of lading number	
	BN Booking reference number	
	CN Carrier's reference number	
	CT Contract number	
	CV Container Operator's Reference number	
	UCN Unique consignment reference Number	
C R 1154	Reference number	an..35
C X 1156	Line number	-
C X 4000	reference version number	-

SAMPLE SEGMENT USAGE

RFF+BM:USOAK9637620'

NOTES ON RECOMMENDATION JM4/208

1153: "ACW" is only to be used in the case of a Change (when any of the codes 1-5 or 33-36 have been used in DE 1225 of the BGM).

"XXX" is used where the RFF is not required by the user but is mandatory in the EDIFACT message.

1153/1154: Where the code ACW has been used, the reference is to a previous transmission (General Recommendation JM4/4 stipulates a recommended methodology for references of this kind) for example:

Initial Instruction

COPARN	BGM	DE 1004	INSTR-95/01/12-008
		DE 1225	9 (original)

Negative acknowledgment and error specification

APERAK	BGM	DE 1004	ACK-95/01/13-001
	BGM	DE 1225	9 (original)
	RFF	DE 1153	ACW (previous message)
		DE 1154	INSTR-95/01/12-008

Revised instruction, replacing initial instruction

COPARN	BGM	DE 1004	INSTR-95/01/14-005
		DE 1225	5 (replacement)
	RFF	DE 1153	ACW (previous)
		DE 1154	INSTR-95/01/12-008

Positive Acknowledgment of revised instruction

APERAK	BGM	DE 1004	ACK-95/01/15-006
		DE 1225	9 (original)
	RFF	DE 1153	ACW (previous)
		DE 1154	INSTR-95/01/14-005

RECOMMENDATION JM4/209 - USE OF THE DTM SEGMENT WITHIN THE HEADER LEVEL RFF GROUP	O
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FUNCTION OF THE SEGMENT

The DTM at this level is used to specify dates and times which relate to the reference number specified in the preceding RFF segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	Group 1 (RFF)	C 9
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the DTM segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT DESCRIPTION</i>	<i>SIZE/TYPE</i>
M M C507 DATE/TIME/PERIOD	
M M 2005 Date/time/period qualifier	an..3
7 <i>Effective date/time</i>	
36 <i>Expiry date (for Letter of Credit)</i>	
137 <i>Document/message date/time (Date of issue)</i>	
171 <i>Reference date/time</i>	
310 <i>Received date/time</i>	
342 <i>On-board date</i>	
C R 2380 Date/time/period (date/time)	an..35
C R 2379 Date/time/period format qualifier	an..3
102 <i>CCYYMMDD</i>	
203 <i>CCYYMMDDHHMM</i>	
303 <i>CCYYMMDDHHMMZZZ</i>	

SAMPLE SEGMENT USAGE

DTM+137:19961128:102'

NOTES ON RECOMMENDATION JM4/209

2379: The use of 303 (CCYYMMDDHHMMZZZ) is to be preferred over 203 (CCYYMMDDHHMM) - (General Recommendation JM4/23 refers).

TRANSPORT DETAILS

RECOMMENDATION JM4/210 - USE OF THE TDT GROUP AT HEADER LEVEL	D
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FUNCTION OF THE GROUP

The TDT Group is used to specify transport details. In the case of the COPARN message the group can be repeated to specify transport information relating to specific stages (legs) of the transport chain.

MESSAGE REQUIREMENTS

CODENO	Group 1 (TDT)	M 1
COEDOR	-	-
COHAOR	-	-
COREOR	Group 1 (TDT)	M 1
COPINO	Group 1 (TDT)	M 1
COPARN	Group 1 (TDT)	C 9
CODECO	Group 1 (TDT)	C 1
CALINF	Group 2 (TDT)	M 1
VESDEP	Group 2 (TDT)	M 1
COARRI	Group 1 (TDT)	M 1
COPRAR	Group 1 (TDT)	M 1
COSTCO	Group 1 (TDT)	M 1
COSTOR	Group 1 (TDT)	M 1

RECOMMENDED GROUP USAGE

Use of the TDT Group is mandatory for the CODENO, COREOR, COPINO, CALINF, VESDEP, COARRI, COPRAR, COSTCO and COSTOR messages and optional for the COPARN and CODECO messages.

NOTES ON RECOMMENDATION JM4/210

General: The recommended usage for the TDT is the same at any level in the messages. Different messages will require Main Carriage to be specified at header level or container level, depending on their function. Some messages may not require Main Carriage to be specified at all.

RECOMMENDATION JM4/211 - USE OF THE TDT TRIGGER SEGMENT WITHIN THE HEADER LEVEL TDT GROUP	M
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FUNCTION OF THE SEGMENT

This TDT segment is the trigger segment of the TDT Group and is used to specify means of transport details which apply to a specified stage (leg) of the transport chain of the consignment.

MESSAGE REQUIREMENTS

CODENO	Group 1	M 1
COEDOR	-	
COHAOR	-	
COREOR	Group 1	M 1
COPINO	Group 1	M 1
COPARN	Group 1	M 1
CODECO	Group 1	M 1
CALINF	Group 2	M 1
VESDEP	Group 2	M 1
COARRI	Group 1	M 1
COPRAR	Group 1	M 1
COSTCO	Group 1	M 1
COSTOR	Group 1	M 1

RECOMMENDED SEGMENT USAGE

Use of the TDT trigger segment within this group is mandatory.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT DESCRIPTION	SIZE/TYPE
M M 8051 TRANSPORT STAGE QUALIFIER	an..3
1 <i>Inland Carriage</i>	
10 <i>Pre-carriage</i>	
20 <i>Main Carriage</i>	
30 <i>On-carriage</i>	
C O 8028 CONVEYANCE REFERENCE NUMBER	an..17
<i>Vessel operator's Voyage Number if main carriage</i>	
<i>Carrier's number if inland pre/on-carriage</i>	
C R C220 MODE OF TRANSPORT	
C R 8067 Mode of transport, coded	an..3
1 <i>Maritime</i>	
2 <i>Rail</i>	
3 <i>Road</i>	
4 <i>Air</i>	
8 <i>Inland Water</i>	
C X 8066 Mode of transport (text)	-

C O	C228	TRANSPORT MEANS	
C O	8179	Type of means of transport identification	an..8
		1	<i>Barge chemical tanker</i>
		2	<i>Coaster chemical tanker</i>
		3	<i>Dry bulk carrier</i>
		4	<i>Deep sea chemical tanker</i>
		5	<i>Gas tanker</i>
		9	<i>Exceptional transport</i>
		11	<i>Ship (for feeder vessels)</i>
		12	<i>Ship tanker</i>
		13	<i>Ocean Vessel</i>
		21	<i>Rail tanker</i>
		22	<i>Rail silo tanker</i>
		23	<i>Rail bulk car</i>
		25	<i>Rail express</i>
		31	<i>Truck</i>
		33	<i>Road silo tanker</i>
		35	<i>Truck/trailer with tilt</i>
C O	8178	Type of means of transport	an..17
C O	C040	CARRIER	
C O	3127	Carrier identification (<i>coded</i>)	an..17
C O	1131	Code list qualifier	an..3
		172	<i>Carrier Code</i>
C O	3055	Code list responsible agency, <i>coded</i>	an..3
		20	<i>BIC</i>
		87	<i>Assigned by Carrier</i>
		166	<i>US NMFCA (SCAC)</i>
		184	<i>Australian Chamber of Shipping</i>
C O	3128	Carrier name (<i>free text</i>)	
C X	8101	TRANSIT DIRECTION, CODED	-
C X	C401	EXCESS TRANSPORTATION INFORMATION	
C O	C222	TRANSPORT IDENTIFICATION	
C O	8213	Id. of means of transport identification	an..9
			<i>Call Sign (if 8067 = 1 and 1131=103)</i>
			<i>Lloyd's Number (if 8067 = 1 and 1131=146)</i>
			<i>Train ID (if 8067 = 2)</i>
			<i>Truck ID (if 8067 = 3)</i>
			<i>Air service ID (if 8067 = 4)</i>
			<i>Barge ID (if 8067 = 8)</i>
C O	1131	Code list qualifier	an..3
		103	<i>Call Sign Directory (8213 = Call Sign)</i>
		146	<i>Transport ID (8213 <> Call Sign)</i>
C O	3055	Code list responsible agency, <i>coded</i>	an..3
C O	8212	Id. of means of transport	an..35
			<i>Vessel name (or other means of transport ID free text)</i>
C O	8453	Nationality of means of transport, <i>coded</i>	an..3
			<i>Lloyd's flag code or ISO country code</i>
C X	8281	TRANSPORT OWNERSHIP, CODED	-

SAMPLE SEGMENT USAGE

TDT+20+S263+1++BSL:172:87+++768931:146::VESSEL NAME'

NOTES ON RECOMMENDATION JM4/211

- C040:** Normally the use of C040 should suffice to identify a carrier. Use of the NAD segment for detailed name and address information should not be necessary, and is discouraged.
- 8028:** Any additional voyage numbers can be transmitted in the RFF at TDT level, using the code VON (Recommendation JM4/212 refers).
- C222/8212:** Use of free text vessel names is discouraged.
- 8453:** Code set to be agreed between trading partners and defined in Implementation Guidelines.

RECOMMENDATION JM4/212 - USE OF THE RFF SEGMENT WITHIN THE HEADER LEVEL TDT GROUP	O
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FUNCTION OF THE SEGMENT

The RFF segment at this level is used to specify references which are related to the stage and means of transport specified in the preceding TDT segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 1 (TDT)	C 9
COPINO	-	-
COPARN	Group 1 (TDT)	C 9
CODECO	Group 1 (TDT)	C 9
CALINF	Group 2 (TDT)	C 9
VESDEP	Group 2 (TDT)	C 9
COARRI	Group 1 (TDT)	C 9
COPRAR	Group 1 (TDT)	C 9
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the RFF segment at this level is optional.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT DESCRIPTION</i>	<i>SIZE/TYPE</i>
M M C506 REFERENCE	
M M 1153 Reference qualifier	an..3
AAY <i>Carrier's agent reference number</i>	
ABZ <i>Vehicle License Number</i>	
CN <i>Carrier's reference number</i>	
CT <i>Contract number</i>	
CV <i>Container operators reference number</i>	
[SSX] <i>Ship's Stay Reference</i>	
VT <i>Vehicle Registration number</i>	
VON <i>Voyage number (Alternative)</i>	
[VIN] <i>Motor Vehicle Identification Number (VIN number)</i>	
C R 1154 Reference number	an..35
C X 1156 Line number	-
C X 4000 reference version number	-

SAMPLE SEGMENT USAGE

RFF+AAY:2763REF'

NOTES ON RECOMMENDATION JM4/212

- 1153:** The code VON is only required if a second voyage number is to be transmitted, other than the vessel operator's number, which always appears in the TDT (eg. the container or slot operator's voyage number).

**RECOMMENDATION JM4/213 - USE OF THE LOC SEGMENT
WITHIN THE HEADER LEVEL TDT GROUP**

O

FUNCTION OF THE SEGMENT

The LOC segment at this level is used to specify locations directly which relate to the stage and means of transport specified in the preceding TDT segment.

MESSAGE REQUIREMENTS

CODENO	Group 1 (TDT)	C 9
COEDOR	-	-
COHAOR	-	-
COREOR	Group 1 (TDT)	C 9
COPINO	Group 1 (TDT)	C 9
COPARN	Group 1 (TDT)	C 9
CODECO	Group 1 (TDT)	C 9
CALINF	Group 2 (TDT)	M 9
VESDEP	-	-
COARRI	Group 1 (TDT)	C 9
COPRAR	Group 1 (TDT)	C 9
COSTCO	Group 1 (TDT)	C 9
COSTOR	Group 1 (TDT)	C 9

RECOMMENDED SEGMENT USAGE

Use of the LOC segment at this level is optional except in the case of the CALINF message for which it is mandatory.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT	DESCRIPTION	SIZE/TYPE
M M 3227	PLACE/LOCATION QUALIFIER	an..3
	5 Place of departure	
	7 Place of Delivery	
	8 Place of Destination	
	9 Place/port of loading (Operational port of loading)	
	11 Place/port of discharge (Operational port of discharge)	
	13 Place(/port) of transshipment	
	33 Baseport of discharge (contractual port of discharge)	
	34 Baseport of loading (contractual port of loading)	
	61 Next Port of Call	
	88 Place of Receipt	
	98 Place of empty equipment despatch	
	99 Place of empty equipment return	
	160 Foreign Port of Call	
	[163] Place of Destination for Stow Purposes	
	[164] Final Port of Discharge	
	[165] Activity Location	

C R	C517	LOCATION IDENTIFICATION	
C O	3225	Place/location identification (UN LOCODE/ EAN Location Code/ US Census code)	an..25
C O	1131	Code list qualifier 139 Port	an..3
C O	3055	Code list responsible agency, coded 6 UN/ECE 9 EAN 12 UIC 112 US Census ZZZ Mutually Agreed	an..3
C O	3224	Place/location (free text)	an..17
C O	C519	RELATED LOCATION ONE IDENTIFICATION	
C O	3223	Related place/location one identification (1st related location code)	an..25
C O	1131	Code list qualifier [BER] Berths [WHA] Wharves [TER] Terminals [GAT] Gates [WAR] Warehouses [CNE] Consignee's premises [CNR] Consignor's premises [PAC] Packing/unpacking facilities [STO] Storage facilities [REP] Repair facilities	an..3
C O	3055	Code list responsible agency, coded 9 EAN 184 ACOS ZZZ Mutually Agreed	an..3
C O	3222	Related place/location one (1st related location free text)	an..70
C O	C553	RELATED LOCATION TWO IDENTIFICATION	
C O	3233	Related place/location two identification (2nd related location code)	an..25
C O	1131	Code list qualifier [BER] Berths [WHA] Wharves [TER] Terminals [GAT] Gates [WAR] Warehouses [CNE] Consignee's premises [CNR] Consignor's premises [PAC] Packing/unpacking facilities [STO] Storage facilities [REP] Repair facilities	an..3
C O	3055	Code list responsible agency, coded 9 EAN 184 ACOS ZZZ Mutually Agreed	an..3
C O	3232	Related place/location two (2nd related location free text)	an..70
C X	5479	RELATION, CODED	-

SAMPLE SEGMENT USAGE

LOC+165:USOAK:139:6+TERMINAL:TER:ZZZ+GATE1:GAT:ZZZ'

NOTES ON RECOMMENDATION JM4/213

- 3227:** The locations specified in the Container Messages are Operational, rather than Contractual.
- 3225:** Use of the UN LOCODE is preferred for international maritime carriage.

RECOMMENDATION JM4/214 - USE OF THE DTM SEGMENT WITHIN THE HEADER LEVEL TDT GROUP	O
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FUNCTION OF THE SEGMENT

The DTM segment at this level is used to specify dates and times which relate to the to the stage and means of transport specified in the preceding TDT segment.

MESSAGE REQUIREMENTS

CODENO	Group 1 (TDT)	C 9
COEDOR	-	-
COHAOR	-	-
COREOR	Group 1 (TDT)	C 9
COPINO	Group 1 (TDT)	C 9
COPARN	Group 1 (TDT)	C 9
CODECO	Group 1 (TDT)	C 9
CALINF	Group 2 (TDT)	M 9
VESDEP	Group 2 (TDT)	C 9
COARRI	Group 1 (TDT)	C 9
COPRAR	Group 1 (TDT)	C 9
COSTCO	Group 1 (TDT)	C 9
COSTOR	Group 1 (TDT)	C 9

RECOMMENDED SEGMENT USAGE

Use of the DTM segment at this level is optional except in the case of the CALINF message for which it is mandatory.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT	DESCRIPTION	SIZE/TYPE
M M C507	DATE/TIME/PERIOD	
M M 2005	Date/time/period qualifier	an..3
	7 <i>Effective date</i>	
	132 <i>Arrival date/time, estimated</i>	
	133 <i>Departure date/time, estimated</i>	
	178 <i>Arrival date/time, actual</i>	
	186 <i>Departure date/time, actual</i>	
	203 <i>Execution Date/time requested</i>	
	[ACT] <i>Activity Date</i>	
C R 2380	Date/time/period (Date/time)	an..35
C R 2379	Date/time/period format qualifier	an..3
	102 <i>CCYYMMDD</i>	
	203 <i>CCYYMMDDHHMM</i>	
	303 <i>CCYYMMDDHHMMZZZ</i>	
	718 <i>CCYYMMDD-CCYYMMDD</i>	

SAMPLE SEGMENT USAGE

DTM+ACT:199612201302:203'

NOTES ON RECOMMENDATION JM4/214

General: The present structure of the Container Messages does not permit any DTM to be specified which relates directly to a particular location specified in the preceding LOC segment.

As a result, whilst it may be possible to transmit more than one LOC for a means of transport, it is currently not possible to transmit a DTM for more than one LOC because there is no means of relating DTM to LOC within the current structure.

DMRs have been lodged by ISA to have a DTM added to a group below the TDT level LOC to resolve this problem and to align these messages with other transport messages.

When that has been achieved, usage of the segment should be as per usages of the TDT level DTM agreed for the IFTM messages - the DTM below TDT/LOC will be used and the DTM following the TDT will not be used.

2379: The use of 303 (CCYYMMDDHHMMZZZ) is to be preferred over 203 (CCYYMMDDHHMM) - (General Recommendation JM4/23 refers).

When code 718 is used, the dash (-) is not transmitted in 2380.

**RECOMMENDATION JM4/215 - USE OF THE FTX SEGMENT
WITHIN THE HEADER LEVEL TDT GROUP** **X**

FUNCTION OF THE SEGMENT

The FTX segment at this level, which is only present in the CODECO and the COPRAR messages, is used to specify supplementary information which relates to the to the stage and means of transport specified in the preceding TDT segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	Group 2 (TDT)	C 9
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	Group 1 (TDT)	C 9
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

The FTX segment at this level is not used.

NAME & ADDRESS DETAILS

RECOMMENDATION JM4/216 - USE OF THE HEADER LEVEL NAD GROUP
--

M

FUNCTION OF THE GROUP

The NAD Group at Header Level is used to specify parties and party related information applicable to the whole message.

MESSAGE REQUIREMENTS

CODENO	Group 2 (NAD)	M 9
COEDOR	Group 1 (NAD)	M 9
COHAOR	Group 2 (NAD)	M 9
COREOR	Group 2 (NAD)	M 9
COPINO	Group 2 (NAD)	M 9
COPARN	Group 2 (NAD)	M 9
CODECO	Group 2 (NAD)	M 9
CALINF	Group 1 (NAD)	M 9
VESDEP	Group 1 (NAD)	M 9
COARRI	Group 2 (NAD)	M 9
COPRAR	Group 2 (NAD)	M 9
COSTCO	Group 2 (NAD)	M 9
COSTOR	Group 2 (NAD)	M 9

RECOMMENDED SEGMENT USAGE

Use of the NAD Group at Header Level is mandatory for all messages.

RECOMMENDATION JM4/217 - USE OF THE NAD TRIGGER SEGMENT WITHIN THE HEADER LEVEL NAD GROUP	M
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FUNCTION OF THE SEGMENT

This NAD segment is the trigger segment of the NAD Group at Header Level and is used to specify a party which applies to the whole message.

MESSAGE REQUIREMENTS

CODENO	Group 2 (NAD)	M 1
COEDOR	Group 1 (NAD)	M 1
COHAOR	Group 2 (NAD)	M 1
COREOR	Group 2 (NAD)	M 1
COPINO	Group 2 (NAD)	M 1
COPARN	Group 2 (NAD)	M 1
CODECO	Group 2 (NAD)	M 1
CALINF	Group 1 (NAD)	M 1
VESDEP	Group 1 (NAD)	M 1
COARRI	Group 2 (NAD)	M 1
COPRAR	Group 2 (NAD)	M 1
COSTCO	Group 2 (NAD)	M 1
COSTOR	Group 2 (NAD)	M 1

RECOMMENDED SEGMENT USAGE

Use of the NAD trigger segment within this group is mandatory.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT	DESCRIPTION	SIZE/TYPE
M M 3035	PARTY QUALIFIER	an..3
[10]	Lessee's survey company	
[20]	Lessor's survey company	
[AG]	Agent	
[FPO]	Final Place of Positioning	
[RY]	Repair facility	
[SLS]	Shipping line service	
BT	Party to be billed to	
CA	Carrier	
CF	Container operator/lessee	
CG	Carrier's agent	
CK	Empty equipment despatch party	
CL	Container location party	
CN	Consignee	
CR	Empty equipment return party	
CZ	Consignor	
EO	Owner of equipment	
FW	Freight forwarder	
GA	Road carrier (Road transport operator)	
GF	Slot charter party (Slot operator)	
GT	Rail carrier (Rail transport operator)	
IO	Insurance company	
IV	Invoicee	
MR	Message recipient	
MS	Document/message sender (Message sender)	
NI	Notify party	
OY	Ordering customer	
PK	Contact party	
PW	Despatch party (Collection Party)	
SF	Ship From party	
ST	Ship to party	

C	D	C082	PARTY IDENTIFICATION DETAILS	
M	M	3039	Party id. identification (<i>Company Code</i>)	an..35
C	O	1131	Code list qualifier	an..3
		100	<i>Enhanced party ID (for DUNS plus 4 number)</i>	
		160	<i>Party ID (for DUNS, FMC and carrier's codes)</i>	
		172	<i>Carrier Code</i>	
C	O	3055	Code list responsible agency, coded	an..3
		7	<i>CEFIC</i>	
		9	<i>EAN</i>	
		10	<i>ODETTE</i>	
		16	<i>DUNS</i>	
		20	<i>BIC</i>	
		87	<i>Assigned by carrier</i>	
		163	<i>US FMC (US freight forwarders)</i>	
		166	<i>US NMFCA (SCAC)</i>	
		184	<i>ACOS</i>	
C	D	C058	NAME AND ADDRESS (<i>free format</i>)	
M	M	3124	Name and address line (<i>free text</i>)	an..35
C	O	3124	Name and address line (<i>free text</i>)	an..35
C	O	3124	Name and address line (<i>free text</i>)	an..35
C	O	3124	Name and address line (<i>free text</i>)	an..35
C	O	3124	Name and address line (<i>free text</i>)	an..35
C	D	C080	PARTY NAME	
M	M	3036	Party name	an..35
C	O	3036	Party name	an..35
C	O	3036	Party name	an..35
C	O	3036	Party name	an..35
C	O	3036	Party name	an..35
C	X	3045	Party name format, coded	-
C	D	C059	STREET	
M	M	3042	Street and number/p.o. box	an..35
C	O	3042	Street and number/p.o. box	an..35
C	O	3042	Street and number/p.o. box	an..35
C	D	3164	CITY NAME	an..35
C	D	3229	COUNTRY SUB-ENTITY IDENTIFICATION (<i>State/Province Code</i>)	an..9
C	D	3251	POSTCODE IDENTIFICATION (<i>Postcode/Zip Code</i>)	an..9
C	D	3207	COUNTRY, CODED	an..3

SAMPLE SEGMENT USAGE

NAD+CN+CODE:160:87'

NAD+CN++NAME & ADDRESS'

NAD+CN+++NAME+STREET+CITY+STATE CODE+POSTCODE+COUNTRY CODE'

NOTES ON RECOMMENDATION JM4/217

General: Three different approaches to the presentation of NAD details are allowed for above:

- (a) Coded (C082)
- (b) Unstructured free text (C058)
- (c) Structured free text (C080/C059,3164,3229,3251,3207)

It is suggested that in operational messages, unless there is a strong reason for specifying full contact details, codes should be used whenever possible to identify parties.

The use of free text name and address details is to be discouraged in operational messages.

C058: Only the first repeat of 3124 is Required, if C058 is used.

3035: The code "CA" should only be used when full carrier addresses are required. Normally the use of C040 in the TDT should suffice. "CA" should only be used for an ocean carrier or barge operator.

CONTACT DETAILS

**RECOMMENDATION JM4/218 - USE OF THE CTA GROUP
WITHIN THE HEADER LEVEL NAD GROUP**

O

FUNCTION OF THE GROUP

This group is for future use and is not present in the D95B versions of these container messages.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED GROUP USAGE

When the CTA Group becomes present in a message its use will be optional.

NOTES ON RECOMMENDATION JM4/218

General: At present the CTA appears as a stand-alone segment in the NAD Group of the Container messages. DMRs have been prepared to add a COM segment as part of a standard CTA-COM Group in alignment with other messages.

RECOMMENDATION JM4/219 - USE OF THE CTA SEGMENT WITHIN THE HEADER LEVEL NAD GROUP	O
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FUNCTION OF THE SEGMENT

This CTA segment within the NAD Group is used to specify contact information for the party specified in the preceding NAD segment.

MESSAGE REQUIREMENTS

CODENO	Group 2 (NAD)	C 9
COEDOR	Group 1 (NAD)	C 9
COHAOR	Group 2 (NAD)	C 9
COREOR	Group 2 (NAD)	C 9
COPINO	Group 2 (NAD)	C 9
COPARN	Group 2 (NAD)	C 9
CODECO	Group 2 (NAD)	C 9
CALINF	Group 1 (NAD)	C 9
VESDEP	Group 1 (NAD)	C 9
COARRI	Group 2 (NAD)	C 9
COPRAR	Group 2 (NAD)	C 9
COSTCO	Group 2 (NAD)	C 9
COSTOR	Group 2 (NAD)	C 9

RECOMMENDED SEGMENT USAGE

Use of the CTA segment is optional.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT DESCRIPTION</i>	<i>SIZE/TYPE</i>
C R 3139 CONTACT FUNCTION, CODED <i>IC Information Contact</i>	an..3
C O C056 DEPARTMENT OR EMPLOYEE DETAILS	-
C X 3413 Department or employee identification	-
C R 3412 Department or employee (<i>name</i>)	an..35

SAMPLE SEGMENT USAGE

CTA+IC+:FRED BLOGGS'

NOTES ON RECOMMENDATION JM4/219

**RECOMMENDATION JM4/220 - USE OF THE COM SEGMENT
WITHIN THE CTA GROUP
WITHIN THE HEADER LEVEL NAD GROUP** **O**

FUNCTION OF THE SEGMENT

This segment is for future use and is not present in the D95B versions of these container messages. When the COM segment becomes present in a message it will be used to specify contact numbers relating to the contact identified in the preceding CTA segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

When the CTA Group becomes present in a message its use will be optional.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT</i>	<i>DESCRIPTION</i>	<i>SIZE/TYPE</i>
M M C076	COMMUNICATION CONTACT	
M M 3148	Communication number <i>(no spaces or hyphens)</i>	an..25
M M 3155	Communication channel qualifier	an..3
	<i>EM Electronic mail</i>	
	<i>FX Telefax</i>	
	<i>TE Telephone</i>	
	<i>TL Telex</i>	
	<i>TT Teletext</i>	
	<i>XF X.400</i>	

SAMPLE SEGMENT USAGE

COM+6129625900:TE'

NOTES ON RECOMMENDATION JM4/220

General: Accepted practice has established that a COM segment should be available as an option in association with CTA in all messages, though this is currently not the case with the container messages.

DMRs are being prepared to have COM inserted in all messages.

Telephone and fax numbers should include the country code.

3155: At this point in time DE 3418 is too short to accommodate many X.400 addresses. A DMR has been submitted to correct this problem.

RECOMMENDATION JM4/221 - USE OF THE RFF SEGMENT WITHIN THE HEADER LEVEL NAD GROUP	X
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FUNCTION OF THE SEGMENT

This RFF segment within the NAD Group is used to specify references for the party specified in the preceding NAD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 2 (NAD)	C 9
COPINO	-	-
COPARN	Group 2 (NAD)	C 9
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

The RFF at this level is not used.

RECOMMENDATION JM4/222 - USE OF THE DTM SEGMENT WITHIN THE HEADER LEVEL NAD GROUP	X
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FUNCTION OF THE SEGMENT

This DTM segment within the NAD Group is used to specify dates and times relating to the party specified in the preceding NAD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 2 (NAD)	C 9
COPINO	-	-
COPARN	Group 2 (NAD)	C 9
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

The DTM at this level is not used.

CONSIGNMENT DETAILS

RECOMMENDATION JM4/223 - USE OF THE CNI GROUP

D

FUNCTION OF THE GROUP

The CNI Group is used within the COSTCO and COSTOR multi-consignment messages to specify the details of individual consignments. The group is repeated for each consignment associated with an item of equipment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 4 (CNI)	M 999
COSTOR	Group 5 (CNI)	M 999

RECOMMENDED GROUP USAGE

Use of the CNI Group in the COSTCO and COSTOR messages is mandatory. The CNI Group does not occur in the other transport equipment movement messages.

CONSIGNMENT TRIGGER

**RECOMMENDATION JM4/224 - USE OF THE CNI SEGMENT
WITHIN THE CNI GROUP**

M

FUNCTION OF THE SEGMENT

The CNI segment is the trigger segment of the CNI Group and is used in the multi-consignment COSTOR and COSTCO messages to identify a consignment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 4 (CNI)	M 1
COSTOR	Group 5 (CNI)	M 1

RECOMMENDED SEGMENT USAGE

Use of the CNI trigger segment is mandatory in the COSTCO and COSTOR messages.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT DESCRIPTION</i>	<i>SIZE/TYPE</i>
C R 1490 CONSOLIDATION ITEM NUMBER (<i>Sequential number of the consignment</i>)	n..4
C O C503 DOCUMENT/MESSAGE DETAILS (<i>Consignment identification</i>)	an..35
C R 1004 Document/message number	-
C X 1373 Document/message status, coded	-
C X 1366 Document/message source	-
C X 3453 Language, coded	-
C X 1312 CONSIGNMENT LOAD SEQUENCE NUMBER	-

SAMPLE SEGMENT USAGE

CNI+1'

NOTES ON RECOMMENDATION JM4/224

General: General Recommendation JM4/10 refers.

RECOMMENDATION JM4/225 - USE OF THE RFF SEGMENT WITHIN THE CNI GROUP	O
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FUNCTION OF THE SEGMENT

The RFF segment at this level is used to specify references which are directly related to the consignment identified in the preceding CNI segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 4 (CNI)	C 9
COSTOR	Group 5 (CNI)	C 9

RECOMMENDED SEGMENT USAGE

Use of the RFF segment at this level is optional.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT</i>	<i>DESCRIPTION</i>	<i>SIZE/TYPE</i>
M M C506	REFERENCE	
M M 1153	Reference qualifier	an..3
	<i>AA Y Carrier's agent reference number</i>	
	<i>BM Bill of Lading number</i>	
	<i>BN Booking reference number</i>	
	<i>CN Carrier's reference number</i>	
	<i>CV Container operators reference number</i>	
	<i>FF Freight forwarder's reference number</i>	
	<i>ON Order number (purchase)</i>	
	<i>VN Order number (vendor)</i>	
	<i>UCN Unique consignment number</i>	
C R 1154	Reference number	an..35
C X 1156	Line number	-
C X 4000	reference version number	-

SAMPLE SEGMENT USAGE

RFF+BM: 234378GHT34'

NOTES ON RECOMMENDATION JM4/225

RECOMMENDATION JM4/226 - USE OF THE NAD SEGMENT WITHIN THE CNI GROUP	X
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FUNCTION OF THE SEGMENT

The NAD segment at this level is used to specify parties which are related to the consignment identified in the preceding CNI segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	Group 5 (CNI)	C 9

RECOMMENDED SEGMENT USAGE

The NAD segment at this level may be used in the COSTOR message to specify consignee/consignor details for a consignment.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT	DESCRIPTION	SIZE/TYPE
M M 3035	PARTY QUALIFIER	an..3
	CZ <i>Consignor (in the case of a stuffing order)</i>	
	CT <i>Consignee (in the case of a stripping order)</i>	
C O C082	PARTY IDENTIFICATION DETAILS	
M M 3039	Party id. identification (<i>Company Code</i>)	an..35
C O 1131	Code list qualifier	an..3
	100 <i>Enhanced party ID (for DUNS plus 4 number)</i>	
	160 <i>Party ID (for DUNS, FMC and carrier's codes)</i>	
	172 <i>Carrier Code</i>	
C O 3055	Code list responsible agency	an..3
	7 <i>CEFIC</i>	
	9 <i>EAN</i>	
	10 <i>ODETTE</i>	
	16 <i>DUNS</i>	
	20 <i>BIC</i>	
	184 <i>ACOS</i>	
	87 <i>Assigned by carrier</i>	
	163 <i>US FMC (US freight forwarders)</i>	
	166 <i>USNMFCA (SCAC)</i>	
C D C058	NAME AND ADDRESS (<i>free format</i>)	
M M 3124	Name and address line (<i>free text</i>)	an..35
C O 3124	Name and address line (<i>free text</i>)	an..35
C O 3124	Name and address line (<i>free text</i>)	an..35
C O 3124	Name and address line (<i>free text</i>)	an..35
C O 3124	Name and address line (<i>free text</i>)	an..35

C	D	C080	PARTY NAME	
M	M	3036	Party name	an..35
C	O	3036	Party name	an..35
C	O	3036	Party name	an..35
C	O	3036	Party name	an..35
C	O	3036	Party name	an..35
C	X	3045	Party name format, coded	-
C	D	C059	STREET	
M	M	3042	Street and number/p.o. box	an..35
C	O	3042	Street and number/p.o. box	an..35
C	O	3042	Street and number/p.o. box	an..35
C	D	3164	CITY NAME	an..35
C	D	3229	COUNTRY SUB-ENTITY IDENTIFICATION (<i>State/Province Code</i>)	an..9
C	D	3251	POSTCODE IDENTIFICATION (<i>Postcode/Zip Code</i>)	an..9
C	D	3207	COUNTY, CODED	an..3

SAMPLE SEGMENT USAGE

NAD+CZ+CODE:160:87'

NAD+CZ++NAME & ADDRESS'

NAD+CZ+++NAME+STREET+CITY+STATE CODE+POSTCODE+COUNTRY CODE'

GOODS ITEM DETAILS

RECOMMENDATION JM4/227 - USE OF THE GID GROUP	O
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FUNCTION OF THE GROUP

The GID Group is used to specify cargo details associated with the equipment, as appropriate, where permitted in the message.

MESSAGE REQUIREMENTS

CODENO	Group 3 (GID)	C 999
COEDOR	-	-
COHAOR	-	-
COREOR	Group 3 (GID)	C 999
COPINO	Group 3 (GID)	C 999
COPARN	Group 3 (GID)	C 999
CODECO	Group 3 (GID)	C 999
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 5 (CNI-GID)	C 999
COSTOR	Group 6 (CNI-GID)	C 999

RECOMMENDED GROUP USAGE

Use of the GID Group is optional.

NOTES ON RECOMMENDATION JM4/227

General: General Recommendation JM4/12 stipulates that each occurrence of the GID Group should relate to goods of only one packaging type.

RECOMMENDATION JM4/228 - USE OF THE GID TRIGGER SEGMENT WITHIN THE GID GROUP	M
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FUNCTION OF THE SEGMENT

This GID segment is the trigger segment of the GID group and is used to specify an individual goods item.

MESSAGE REQUIREMENTS

CODENO	Group 3 (GID)	M 1
COEDOR	-	-
COHAOR	-	-
COREOR	Group 3 (GID)	M 1
COPINO	Group 3 (GID)	M 1
COPARN	Group 3 (GID)	M 1
CODECO	Group 3 (GID)	M 1
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 5 (CNI-GID)	M 1
COSTOR	Group 6 (CNI-GID)	M 1

RECOMMENDED SEGMENT USAGE

Use of the GID trigger segment within this group is mandatory.

RECOMMENDED SEGMENT DETAIL

MSG	REC	ELEMENT	DESCRIPTION	SIZE/TYPE
C	R	1496	GOODS ITEM NUMBER	n..5
C	R	C213	NUMBER AND TYPE OF PACKAGES (<i>level one</i>)	
M	M	7224	Number of packages	n..8
C	O	7065	Type of package identification (<i>UN Recommendation 21 code</i>)	an..17
C	O	1131	Code list qualifier (<i>level of packaging</i>)	an..3
		1	<i>Inner</i>	
		2	<i>Intermediate</i>	
		3	<i>Outer</i>	
C	O	3055	Code list responsible agency, coded	an..3
		9	<i>EAN</i>	
C	O	7064	Type of packages (<i>free text</i>)	an..35
C	R	C213	NUMBER AND TYPE OF PACKAGES (<i>level two</i>)	
M	M	7224	Number of packages	n..8
C	O	7065	Type of package identification (<i>UN Recommendation 21 code</i>)	an..17
C	O	1131	Code list qualifier (<i>level of packaging</i>)	an..3
		1	<i>Inner</i>	
		2	<i>Intermediate</i>	
		3	<i>Outer</i>	
C	O	3055	Code list responsible agency, coded	an..3
		9	<i>EAN</i>	
C	O	7064	Type of packages (<i>free text</i>)	an..35

C R	C213	NUMBER AND TYPE OF PACKAGES (<i>level three</i>)	
M M	7224	Number of packages	n..8
C O	7065	Type of package identification (<i>UN Recommendation 21 code</i>)	an..17
C O	1131	Code list qualifier (<i>level of packaging</i>)	an..3
		1 <i>Inner</i>	
		2 <i>Intermediate</i>	
		3 <i>Outer</i>	
C O	3055	Code list responsible agency, coded	an..3
		9 <i>EAN</i>	
C O	7064	Type of packages (<i>free text</i>)	an..35

SAMPLE SEGMENT USAGE

GID+1:BA:1'

NOTES ON RECOMMENDATION JM4/228

- General:** Disagreements over the identification of different levels of packaging are unlikely to be completely resolved until proposed changes have been made to the segment.
- 1496:** Some users may wish to use a dummy value in order to access other segments in the GID Group (such as the DGS) which do not appear at EQD level in the equipment messages. In these cases this value should always be "1".
- C213/1131:** Codes can be used here if necessary to identify which level of packaging is being specified, by mutual agreement. DMRs have been submitted to add the data element 7075 to the C213 composite for this purpose.

RECOMMENDATION JM4/229 - USE OF THE DOC GROUP WITHIN THE GID GROUP	O
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FUNCTION OF THE GROUP

The DOC Group at this level is only present in the CODENO message where it is used to specify document details relating to the goods item identified in the preceding GID segment.

MESSAGE REQUIREMENTS

CODENO	Group 4 (GID-DOC)	M 9
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

The use of the DOC Group at this level within the CODENO message is mandatory. This DOC Group does not occur in the other transport equipment movement messages.

RECOMMENDATION JM4/230 - USE OF THE DOC SEGMENT/ DOC TRIGGER SEGMENT WITHIN THE DOC GROUP WITHIN THE GID GROUP	O/ M
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FUNCTION OF THE SEGMENT

The DOC segment is used to specify documents which relate to the goods item specified in the preceding GID segment. In the case of the CODENO message this is the trigger segment of the DOC Group at GID Level.

MESSAGE REQUIREMENTS

CODENO	Group 4 (GID-DOC)	M 1
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	Group 3 (GID)	C 9
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 5 (CNI-GID)	C 9
COSTOR	Group 6 (CNI-GID)	C 9

RECOMMENDED SEGMENT USAGE

Use of this DOC segment is mandatory for the CODENO (trigger segment of DOC Group), otherwise its use is optional.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT	DESCRIPTION	SIZE/TYPE
M M C002	DOCUMENT/MESSAGE NAME	
C R 1001	Document/message name, coded	an..3
	811 Export licence	
	851 Phytosanitary certificate	
	[857] Fumigation certificate	
	[858] Wine certificate	
	[859] Wool health certificate	
	861 Certificate of origin	
C X 1131	Code list qualifier	-
C X 3055	Code list responsible agency, coded	-
C O 1000	Document/message name (free text)	an..35
C O C503	DOCUMENT/MESSAGE DETAILS	
C O 1004	Document/message number (permit number)	an..35
C X 1373	Document/message status, coded	-
C X 1366	Document/message source	-
C X 3453	Language, coded (as per ISO 639-1988)	-
C X 3153	COMMUNICATION CHANNEL IDENTIFIER, CODED	-
C O 1220	NUMBER OF COPIES OF DOCUMENT REQUIRED	n..2
C O 1218	NUMBER OF ORIGINALS OF DOCUMENTS REQUIRED	n..2

SAMPLE SEGMENT USAGE

DOC+811+1996GHT++2+1'

NOTES ON RECOMMENDATION JM4/230

**RECOMMENDATION JM4/231 - USE OF THE DTM SEGMENT
WITHIN THE DOC GROUP
WITHIN THE GID GROUP** **M**

FUNCTION OF THE SEGMENT

The DTM segment at this level is used to specify dates and times which relate to the document identified in the preceding DOC segment.

MESSAGE REQUIREMENTS

CODENO	Group 4 (GID-DOC)	M 9
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the DTM segment at this level in the CODENO message is mandatory. This DTM segment does not occur in the other transport equipment movement messages.

RECOMMENDED SEGMENT DETAIL

MSG	REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M	M	C507	DATE/TIME/PERIOD	
M	M	2005	Date/time/period qualifier	an..3
		7	Effective date/time	
		36	Expiry date	
		137	Document/message date/time (Date of issue)	
C	R	2380	Date/time/period (Date/time)	an..35
C	R	2379	Date/time/period format qualifier	an..3
		102	CCYMMDD	
		203	CCYMMDDHHMM	
		303	CCYMMDDHHMMZZZ	

SAMPLE SEGMENT USAGE

DTM+137:199612201302:203'

NOTES ON RECOMMENDATION JM4/231

2379: The use of 303 (CCYMMDDHHMMZZZ) is to be preferred over 203 (CCYMMDDHHMM) - (General Recommendation JM4/23 refers).

RECOMMENDATION JM4/232 - USE OF THE HAN SEGMENT WITHIN THE GID GROUP	O
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FUNCTION OF THE SEGMENT

The HAN segment at this level is used to specify handling instructions which relate to the goods item identified in the preceding GID segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 3 (GID)	C 9
COPINO	Group 3 (GID)	C 9
COPARN	Group 3 (GID)	C 9
CODECO	Group 3 (GID)	C 9
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 5 (CNI-GID)	C 9
COSTOR	Group 6 (CNI-GID)	C 9

RECOMMENDED SEGMENT USAGE

Use of the HAN segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT DESCRIPTION	SIZE/TYPE
C R C524 HANDLING INSTRUCTIONS	C
C O 4079 Handling instructions, coded Coded handling instructions	C an..3
C O 1131 Code list qualifier 130 Special handling	C an..3
C O 3055 Code list responsible agency, coded 9 EAN 184 ACOS (see recommendation JM4/272)	C an..3
C O 4078 Handling instructions Free text handling instructions	C an..70
C X C218 HAZARDOUS MATERIAL	-

SAMPLE SEGMENT USAGE

HAN+79:130:184'
HAN+:::SET ASIDE FOR SALE'

NOTES ON RECOMMENDATION JM4/232

4079: Coded handling instructions are to be preferred.

RECOMMENDATION JM4/233 - USE OF THE FTX SEGMENT WITHIN THE GID GROUP	O
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FUNCTION OF THE SEGMENT

The FTX segment at this level is used to specify free text supplementary information which relates to the goods item identified in the preceding GID segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 3 (GID)	C 9
COPINO	-	-
COPARN	Group 3 (GID)	C 9
CODECO	Group 3 (GID)	C 9
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 5 (CNI-GID)	C 9
COSTOR	Group 6 (CNI-GID)	C 9

RECOMMENDED SEGMENT USAGE

Use of the FTX segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT	DESCRIPTION	SIZE/TYPE
M M 4451	TEXT SUBJECT QUALIFIER AAA Goods description AAI General Information HAN Handling Instructions	an..3
C X 4453	TEXT FUNCTION, CODED	-
C X C107	TEXT REFERENCE	
C R C108	TEXT LITERAL	
M M 4440	Free text	an..70
C O 4440	Free text	an..70
C O 4440	Free text	an..70
C O 4440	Free text	an..70
C O 4440	Free Text	an..70
C O 3453	LANGUAGE, CODED (as per ISO 639-1988)	an..3

SAMPLE SEGMENT USAGE

FTX+AAA++GOODS DESCRIPTION'

NOTES ON RECOMMENDATION JM4/233

General: The FTX at this level is only to be used for free text details relating to the goods item. The segment may be used for free text handling instructions where these exceed the length of DE 4078 in the preceding HAN segment. Use of DE 4078 is to be preferred.

RECOMMENDATION JM4/234 - USE OF THE DTM SEGMENT WITHIN THE GID GROUP	O
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FUNCTION OF THE SEGMENT

The DTM segment at this level is used to specify dates and times which relate to the goods item identified in the preceding GID segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	Group 6 (GID)	C 9

RECOMMENDED SEGMENT USAGE

Use of the DTM segment at this level in the COSTOR message is optional. This DTM segment does not occur in the other transport equipment movement messages.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT	DESCRIPTION	SIZE/TYPE
M M C507	DATE/TIME/PERIOD	
M M 2005	Date/time/period qualifier	an..3
	[GPE] Expected goods position date/time	
C R 2380	Date/time/period (Date/time)	an..35
C R 2379	Date/time/period format qualifier	an..3
	102 CCYMMDD	
	203 CCYMMDDHHMM	
	303 CCYMMDDHHMMZZZ	

SAMPLE SEGMENT USAGE

DTM+GPE:199712221130:203'

NOTES ON RECOMMENDATION JM4/234

2379: The use of 303 (CCYMMDDHHMMZZZ) is to be preferred over 203 (CCYMMDDHHMM) - (General Recommendation JM4/23 refers).

RECOMMENDATION JM4/235 - USE OF THE RFF SEGMENT WITHIN THE GID GROUP	O
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FUNCTION OF THE SEGMENT

The RFF segment at this level is used to specify references which relate to the goods item identified in the preceding GID segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	Group 3 (GID)	C 9
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the DTM segment at this level in the COPARN message is optional. This RFF segment does not occur in the other transport equipment movement messages.

RECOMMENDED SEGMENT DETAIL

MSG	REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M	M	C506	REFERENCE	
M	M	1153	Reference qualifier	an..3
			AAE	Goods declaration number
			AAM	Waybill number
			AAY	Carrier's agent reference number
			AHQ	Wool identification number
			AHR	Wool tax reference number
			AHS	Meat processing establishment registration number
			AHT	Quarantine/treatment status reference number
			BM	Bill of lading number
			BN	Booking reference number
			CN	Carrier's reference number
			CT	Contract number
			CV	Container operators reference number
			EX	Export licence number
			FF	Freight forwarder's reference number
			IL	Internal order number
			IP	Import licence number
			ON	Order number (purchase)
			POR	Purchase order response number
			SS	Sellers reference number
			[TSC]	Transshipment code
			VN	Order number (vendor)
			VT	Vehicle Registration Number
			[VIN]	Motor Vehicle Identification Number (VIN number)
C	R	1154	Reference number	an..35
C	X	1156	Line number	-
C	X	4000	reference version number	-

SAMPLE SEGMENT USAGE

RFF+AAE:1234'

NOTES ON RECOMMENDATION JM4/235

RECOMMENDATION JM4/236 - USE OF THE PIA SEGMENT WITHIN THE GID GROUP	O
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FUNCTION OF THE SEGMENT

The PIA segment at this level is used to specify product identification codes which relate to the goods item identified in the preceding GID segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	Group 3 (GID)	C 9
CODECO	Group 3 (GID)	C 9
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the PIA segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

MSG	REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M	M	4347	PRODUCT ID. FUNCTION QUALIFIER	an..3
			1 Additional identification (HS code)	
			5 Product identification	
M	D	C212	ITEM NUMBER IDENTIFICATION	
M	M	7140	Item number	an..35
C	R	7143	Item number type, coded	an..3
			CG Commodity Grouping	
			HS Harmonised system (if 4347 = 1)	
			EN EAN	
C	O	1131	Code list qualifier	an..3
			[72] US Schedule A (import commodity classification)	
			[73] US Schedule B (export commodity classification)	
C	O	3055	Code list responsible agency, coded	an..3
			112 US Census	
M	D	C212	ITEM NUMBER IDENTIFICATION (see below)	
M	M	7140	Item number	an..35
C	R	7143	Item number type, coded	an..3
C	O	1131	Code list qualifier	an..3
C	O	3055	Code list responsible agency, coded	an..3
M	D	C212	ITEM NUMBER IDENTIFICATION (see below)	
M	M	7140	Item number	an..35
C	R	7143	Item number type, coded	an..3
C	O	1131	Code list qualifier	an..3
C	O	3055	Code list responsible agency, coded	an..3

M	D	C212	ITEM NUMBER IDENTIFICATION (<i>see below</i>)	
M	M	7140	Item number	an..35
C	R	7143	Item number type, coded	an..3
C	O	1131	Code list qualifier	an..3
C	O	3055	Code list responsible agency, coded	an..3
M	D	C212	ITEM NUMBER IDENTIFICATION (<i>see below</i>)	
M	M	7140	Item number	an..35
C	R	7143	Item number type, coded	an..3
C	O	1131	Code list qualifier	an..3
C	O	3055	Code list responsible agency, coded	an..3

SAMPLE SEGMENT USAGE

PIA+5+123:CG'

NOTES ON RECOMMENDATION JM4/236

C212: The 4 extra optional repeats of C212 are intended to cater temporarily for additional identifications, such as barcode numbers for articles or products.

JM4 Recommendation 19 stipulates that the PIA must not be used for marking of packages within an individual transportable unit (i.e. below the smallest level of packaging for transportation purposes).

RECOMMENDATION JM4/237 - USE OF THE MEA SEGMENT WITHIN THE GID GROUP	O
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FUNCTION OF THE SEGMENT

The MEA segment at this level is used to specify measurements which relate to the goods item identified in the preceding GID segment.

MESSAGE REQUIREMENTS

CODENO	-	
COEDOR	-	
COHAOR	-	
COREOR	Group 3 (GID)	C 9
COPINO	-	
COPARN	Group 3 (GID)	C 9
CODECO	Group 3 (GID)	C 9
CALINF	-	
VESDEP	-	
COARRI	-	
COPRAR	-	
COSTCO	Group 5 (CNI-GID)	C 9
COSTOR	Group 6 (CNI-GID)	C 9

RECOMMENDED SEGMENT USAGE

Use of the MEA segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

MSG	REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M	M	6311	MEASUREMENT APPLICATION QUALIFIER	an..3
			AAE Measurement	
			CHW Chargeable weight	
C	O	C502	MEASUREMENT DETAILS	
C	R	6313	Measurement dimension, coded	an..3
			[GMC] Gross measure/cube	
			AAA Unit net weight	
			AAB Unit gross weight	
			AAF Net net weight	
			AAL Net weight	
			AAW Gross volume	
			AAX Net volume	
			ABJ Volume	
			ACV Loading meters	
			G Gross weight	
			WT Weight	
C	X	6321	Measurement significance, coded	-
C	X	6155	Measurement attribute, code	-
C	X	6154	Measurement attribute	-

C	R	C174	VALUE/RANGE		
M	M	6411	Measure unit	qualifier	an..3
			<i>FTQ</i>	<i>Cubic feet</i>	
			<i>KGM</i>	<i>Kilograms</i>	
			<i>LBR</i>	<i>Pounds</i>	
			<i>MTQ</i>	<i>Cubic metres</i>	
			<i>MTR</i>	<i>Metres</i>	
C	R	6314	Measurement value	<i>(Weight or volume)</i>	n..18
C	X	6162	Range minimum		-
C	X	6152	Range maximum		-
C	X	6432	Significant digits		-
C	X	7383	SURFACE/LAYER INDICATOR,	CODED	-

SAMPLE SEGMENT USAGE

MEA+AAE+AAL+KGM: 3.0'

NOTES ON RECOMMENDATION JM4/237

RECOMMENDATION JM4/238 - USE OF THE DIM SEGMENT WITHIN THE GID GROUP	O
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FUNCTION OF THE SEGMENT

The DIM segment at this level is used to specify dimensions which relate to the goods item identified in the preceding GID segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	Group 3 (GID)	C 9
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

The use of the DIM segment within the COPARN message at this level is optional. This DIM segment does not occur in the other transport equipment movement messages.

RECOMMENDED SEGMENT DETAIL

MSG	REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M	M	6145	DIMENSION QUALIFIER <i>I</i> <i>Gross dimensions</i>	an..3
M	M	C211	DIMENSIONS	
M	M	6411	Measure unit qualifier <i>CMT</i> <i>Centimetres</i> <i>INH</i> <i>Inches</i>	an..3
C	D	6168	Length dimension (<i>Overall</i>)	n..15
C	D	6140	Width dimension (<i>Overall</i>)	n..15
C	D	6008	Height dimension (<i>Overall</i>)	n..15

SAMPLE SEGMENT USAGE

DIM+1+CMT:6:7:2'

NOTES ON RECOMMENDATION JM4/238

General: The DIM at this level applies only to the overall dimensions of the goods item excluding transport equipment.

6168/6140/6008: Use of all three of three data elements is strongly recommended.

RECOMMENDATION JM4/239 - USE OF THE TMP SEGMENT WITHIN THE GID GROUP	D
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FUNCTION OF THE SEGMENT

The TMP segment at this level is used to specify temperatures which relate to the goods item identified in the preceding GID segment.

MESSAGE REQUIREMENTS

CODENO	-	
COEDOR	-	
COHAOR	-	
COREOR	-	
COPINO	Group 3 (GID)	C 9
COPARN	-	
CODECO	Group 3 (GID)	C 9
CALINF	-	
VESDEP	-	
COARRI	-	
COPRAR	-	
COSTCO	Group 5 (CNI-GID)	C 9
COSTOR	Group 6 (CNI-GID)	C 9

RECOMMENDED SEGMENT USAGE

Use of the TMP segment within this group is dependent. It is required to be used for all temperature sensitive goods items.

RECOMMENDED SEGMENT DETAIL

MSG	REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M	M	6245	TEMPERATURE QUALIFIER	an..3
			1 Storage temperature	
			2 Transport temperature	
			3 Operating temperature	
C	O	C239	TEMPERATURE SETTING	
C	R	6246	Temperature setting	n3
C	R	6411	Measure unit qualifier	an..3
			CEL Celsius	
			FAH Fahrenheit	

SAMPLE SEGMENT USAGE

TMP+2+1.0:CEL'

NOTES ON RECOMMENDATION JM4/239

General: General Recommendation JM4/34 refers.

6246: If the temperature value is negative the minus (-) sign must be transmitted in DE 6246. The minus sign and/or decimal point do not count in the total number of characters. This is demonstrated in the following example:

TMP+2+-4.0:CEL' (Transport temperature -4.0 degrees C)

Temperatures should only be expressed to one decimal place.

A DMR will be submitted to extend the length of DE 6246.

RECOMMENDATION JM4/240 - USE OF THE RNG SEGMENT WITHIN THE GID GROUP	O
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FUNCTION OF THE SEGMENT

The RNG segment at this level is used to specify a temperature range which relates to the goods item identified in the preceding GID segment.

MESSAGE REQUIREMENTS

CODENO	-	
COEDOR	-	
COHAOR	-	
COREOR	-	
COPINO	Group 3 (GID)	C 9
COPARN	-	
CODECO	Group 3 (GID)	C 9
CALINF	-	
VESDEP	-	
COARRI	-	
COPRAR	-	
COSTCO	Group 5 (CNI-GID)	C 9
COSTOR	Group 6 (CNI-GID)	C 9

RECOMMENDED SEGMENT USAGE

Use of the RNG segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

MSG	REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M	M	6167	RANGE TYPE QUALIFIER 5 Temperature range	an..3
C	R	C280	RANGE	
M	M	6411	Measure unit qualifier CEL Celsius FAH Fahrenheit	an..3
C	R	6162	Range minimum	n..18
C	R	6152	Range maximum	n..18

SAMPLE SEGMENT USAGE

RNG+5+CEL:0.5:1.5'

NOTES ON RECOMMENDATION JM4/240

General: If the RNG is to be used with "5" in 6167, it is recommended that the preceding TMP must also be used, specifying only the temperature qualifier in DE 6245. General Recommendation JM4/34 refers.

RECOMMENDATION JM4/241 - USE OF THE PCI SEGMENT WITHIN THE GID GROUP	O
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FUNCTION OF THE SEGMENT

The PCI segment at this level is used to specify marks and numbers which relate to the goods item identified in the preceding GID segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 3 (GID)	C 9
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 5 (CNI-GID)	C 9
COSTOR	Group 6 (CNI-GID)	C 9

RECOMMENDED SEGMENT USAGE

Use of the PCI segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT	DESCRIPTION	SIZE/TYPE
C O 4233	MARKING INSTRUCTIONS, CODED	an..3
	23 Entire shipment	
	24 Shipper assigned marks	
C R C210	MARKS & LABELS	
M M 7102	Shipping marks (Marks & numbers)	an..35
C O 7102	Shipping marks (Marks & numbers)	an..35
C O 7102	Shipping marks (Marks & numbers)	an..35
C O 7102	Shipping marks (Marks & numbers)	an..35
C O 7102	Shipping marks (Marks & numbers)	an..35
C O 7102	Shipping marks (Marks & numbers)	an..35
C O 7102	Shipping marks (Marks & numbers)	an..35
C O 7102	Shipping marks (Marks & numbers)	an..35
C O 7102	Shipping marks (Marks & numbers)	an..35
C X 8275	CONTAINER/PACKAGE STATUS, CODED	-
C X C827	TYPE OF MARKING	

SAMPLE SEGMENT USAGE

PCI+23+MARKS & NUMBERS '

NOTES ON RECOMMENDATION JM4/241

4233: The DE 4233 code list should be used. JM4 Recommendation 30 refers.

DE 4233 can be used (with code 23) to indicate that the Marks which follow apply to the entire shipment, where this is appropriate, to avoid re-transmitting marks for each goods item. Otherwise, code 24 would indicate that marks are being transmitted for every goods item.

RECOMMENDATION JM4/242 - USE OF THE NAD GROUP WITHIN THE GID GROUP	O
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FUNCTION OF THE GROUP

The NAD Group at GID level is used to specify parties which are related to an individual goods item.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 4 (GID-NAD)	C 9
COPINO	-	-
COPARN	Group 4 (GID-NAD)	C 9
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	Group 7 (CNI-GID-NAD)	C 9

RECOMMENDED GROUP USAGE

Use of the NAD Group within this group is optional.

RECOMMENDATION JM4/243 - USE OF THE NAD TRIGGER SEGMENT WITHIN THE NAD GROUP WITHIN THE GID GROUP	M
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FUNCTION OF THE SEGMENT

This NAD segment is the trigger segment of the NAD Group and at this level is used to specify a party which applies to the goods item identified in the preceding GID segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 4 (GID-NAD)	M 1
COPINO	-	-
COPARN	Group 4 (GID-NAD)	M 1
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	Group 7 (CNI-GID-NAD)	M 1

RECOMMENDED SEGMENT USAGE

Use of the NAD trigger segment within this group is mandatory.

RECOMMENDED SEGMENT DETAIL

MSG	REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M	M	3035	PARTY QUALIFIER	an..3
			<i>DP Delivery party</i>	
			<i>PW Collection party</i>	
			<i>SU Supplier (where this differs from the consignor)</i>	
C	O	C082	PARTY IDENTIFICATION DETAILS	
M	M	3039	Party id. identification (<i>Company Code</i>)	an..35
C	O	1131	Code list qualifier	an..3
			<i>100 Enhanced party ID (for DUNS plus 4 number)</i>	
			<i>160 Party ID (for DUNS, FMC and carrier's codes)</i>	
			<i>172 Carrier Code</i>	
C	O	3055	Code list responsible agency	an..3
			<i>7 CEFIC</i>	
			<i>9 EAN</i>	
			<i>10 ODETTE</i>	
			<i>16 DUNS</i>	
			<i>20 BIC</i>	
			<i>184 ACOS</i>	
			<i>87 Assigned by carrier</i>	
			<i>163 US FMC (US freight forwarders)</i>	
			<i>166 US NMFCA (SCAC)</i>	
C	D	C058	NAME AND ADDRESS (<i>free format</i>)	
M	M	3124	Name and address line (<i>free text</i>)	an..35
C	O	3124	Name and address line (<i>free text</i>)	an..35
C	O	3124	Name and address line (<i>free text</i>)	an..35
C	O	3124	Name and address line (<i>free text</i>)	an..35
C	O	3124	Name and address line (<i>free text</i>)	an..35

C	D	C080	PARTY NAME	
M	M	3036	Party name	an..35
C	O	3036	Party name	an..35
C	O	3036	Party name	an..35
C	O	3036	Party name	an..35
C	O	3036	Party name	an..35
C	X	3045	Party name format, coded	-
C	D	C059	STREET	
M	M	3042	Street and number/p.o. box	an..35
C	O	3042	Street and number/p.o. box	an..35
C	O	3042	Street and number/p.o. box	an..35
C	D	3164	CITY NAME	an..35
C	D	3229	COUNTRY SUB-ENTITY IDENTIFICATION (State/Province Code)	an..9
C	D	3251	POSTCODE IDENTIFICATION (Postcode/Zip Code)	an..9
C	D	3207	COUNTY, CODED	an..3

SAMPLE SEGMENT USAGE

NAD+SU+CODE:160:87'

NAD+SU++NAME & ADDRESS'

NAD+SU+++NAME+STREET+CITY+STATE CODE+POSTCODE+COUNTRY CODE'

NOTES ON RECOMMENDATION JM4/243

General: Three different approaches to the presentation of NAD details are allowed for above:

- (a) Coded (C082)
- (b) Unstructured free text (C058)
- (c) Structured free text (C080/C059,3164,3229,3251,3207)

It is suggested that in operational messages, unless there is a strong reason for specifying full contact details, codes should be used whenever possible to identify parties.

The use of free text name and address details is to be discouraged in operational messages.

C058: Only the first repeat of 3124 is Required, if C058 is used.

3035: The code "CA" should only be used when full carrier addresses are required. Normally the use of C040 in the TDT should suffice. "CA" should only be used for an ocean carrier or barge operator.

RECOMMENDATION JM4/244 - USE OF THE DTM SEGMENT WITHIN THE NAD GROUP WITHIN THE GID GROUP	O
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FUNCTION OF THE SEGMENT

The DTM at this level is used to specify dates and times which relate to the place of collection or delivery identified in the preceding NAD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 4 (GID-NAD)	C 9
COPINO	-	-
COPARN	Group 4 (GID-NAD)	C 9
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	Group 7 (CNI-GID-NAD)	C 9

RECOMMENDED SEGMENT USAGE

Use of the DTM segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

MSG REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M	M	2005 Date/time/period qualifier	an..3
		2 Delivery date/time, requested	
		10 Shipment date/time, requested	
		17 Delivery date/time, estimated	
		63 Delivery date/time, latest	
		64 Delivery date/time, earliest	
		69 Delivery date/time, promised for	
		71 Delivery date/time, requested for (after and including)	
		72 Delivery date/time, promised for (after and including)	
		74 Delivery date/time, requested for (prior to and including)	
		75 Delivery date/time, promised for (prior to and including)	
		181 Equipment positioning date/time	
		191 Delivery date/time, expected	
		200 Pick-up/collection date time	
		234 Collection date/time, earliest	
		235 Collection date/time, latest	
C	R	2380 Date/time/period (Date/time)	an..35
C	R	2379 Date/time/period format qualifier	an..3
		102 CCYMMDD	
		203 CCYMMDDHHMM	
		303 CCYMMDDHHMMZZZ	
		718 CCYMMDD-CCYMMDD	

SAMPLE SEGMENT USAGE

DTM+10:199701031340:203'

NOTES ON RECOMMENDATION JM4/244

2379: The use of 303 (CCYYMMDDHHMMZZZ) is to be preferred over 203 (CCYYMMDDHHMM) - (General Recommendation JM4/23 refers).

When code 718 is used, the dash (-) is not transmitted.

RECOMMENDATION JM4/245 - USE OF THE RFF BELOW NAD WITHIN THE NAD GROUP WITHIN THE GID GROUP	O
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FUNCTION OF THE SEGMENT

The RFF at this level is used to specify references which relate to the place of collection or delivery identified in the preceding NAD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 4 (GID-NAD)	C 9
COPINO	-	-
COPARN	Group 4 (GID-NAD)	C 9
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the RFF segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT</i>	<i>DESCRIPTION</i>	<i>SIZE/TYPE</i>
M M C506	REFERENCE	
M M 1153	Reference qualifier	an..3
	[RLB] Reference at place of acceptance	
	[CCP] Customs Clearance Place	
C R 1154	Reference number	an..35
C X 1156	Line number	-
C X 4000	reference version number	-

SAMPLE SEGMENT USAGE

RFF+RLB:45DF67678'

NOTES ON RECOMMENDATION JM4/245

**RECOMMENDATION JM4/246 - USE OF THE SGP GROUP
WITHIN THE GID GROUP****O/M*****FUNCTION OF THE GROUP***

The SGP Group at this level is used to identify which packages within the goods item specified in the preceding GID segment are packed within which particular piece of transport equipment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 5 (GID-SGP)	C 999
COPINO	-	-
COPARN	Group 5 (GID-SGP)	C 999
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 6 (CNI-GID-SGP)	M 999
COSTOR	Group 8 (CNI-GID-SGP)	C 999

RECOMMENDED GROUP USAGE

Use of the SGP Group at this level is optional for the COREOR, COPARN and COSTOR messages and mandatory for the COSTCO message.

**RECOMMENDATION JM4/247 - USE OF THE SGP SEGMENT/
SGP TRIGGER SEGMENT WITHIN THE SGP GROUP
WITHIN THE GID GROUP**

**O/
M**

FUNCTION OF THE SEGMENT

The SGP segment is used to quantify a number of packages within the goods item and the piece of transport equipment in which they are transported. In the case of the COREOR, COPARN, COSTOR and COSTCO messages this is the trigger segment of the SGP Group at GID Level.

MESSAGE REQUIREMENTS

CODENO	Group 3 (GID)	M 999
COEDOR	-	-
COHAOR	-	-
COREOR	Group 5 (GID-SGP)	M 1
COPINO	Group 3 (GID)	C 999
COPARN	Group 5 (GID-SGP)	M 1
CODECO	Group 3 (GID)	C 999
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 6 (CNI-GID-SGP)	M 1
COSTOR	Group 8 (CNI-GID-SGP)	M 1

RECOMMENDED SEGMENT USAGE

Use of this SGP segment is mandatory for the COREOR, COPARN, COSTOR and COSTCO (trigger segment of SGP Group) and CODENO, otherwise its use is optional.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT</i>	<i>DESCRIPTION</i>	<i>SIZE/TYPE</i>
M M C237	EQUIPMENT IDENTIFICATION	
C R 8260	Equipment identification number	an..17
C X 1131	Code list qualifier	-
C X 3055	Code list responsible agency, coded	-
C X 3207	Country, coded	-
C O 7224	NUMBER OF PACKAGES (<i>in the equipment</i>)	n..8

SAMPLE SEGMENT USAGE

SGP+ANNU7631542:23'

NOTES ON RECOMMENDATION JM4/247

8260: The number provided in DE 8260 in the SGP segment should always match one of the transport equipment numbers specified in DE 8260 within the EQD segment.

7224: Should always be used if the number of packages is known.

**RECOMMENDATION JM4/248 - USE OF THE MEA SEGMENT
WITHIN THE SGP GROUP
WITHIN THE GID GROUP** **O**

FUNCTION OF THE SEGMENT

This MEA segment is used at this level to specify a measurement which relates to the goods items specified within a particular piece of equipment as identified in the preceding SGP segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 5 (GID-SGP)	C 9
COPINO	-	-
COPARN	Group 5 (GID-SGP)	C 9
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 6 (CNI-GID-SGP)	C 9
COSTOR	Group 8 (CNI-GID-SGP)	C 9

RECOMMENDED SEGMENT USAGE

Use of the MEA segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

MSG	REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M	M	6311	MEASUREMENT APPLICATION QUALIFIER	an..3
			AAE Measurement	
			CHW Chargeable Weight	
C	O	C502	MEASUREMENT DETAILS	
C	R	6313	Measurement dimension, coded	an..3
			[GMC] Gross measure/cube	
			AAA Unit net weight	
			AAB Unit gross weight	
			AAF Net net weight	
			AAL Net weight	
			AAW Gross volume	
			AAX Net volume	
			ABJ Volume	
			ACV Loading meters	
			G Gross weight	
			WT Weight	
C	X	6321	Measurement significance, coded	-
C	X	6155	Measurement attribute, code	-
C	X	6154	Measurement attribute	-

C	R	C174	VALUE/RANGE		
M	M	6411	Measure unit	qualifier	an..3
			<i>FTQ</i>	<i>Cubic feet</i>	
			<i>KGM</i>	<i>Kilograms</i>	
			<i>LBR</i>	<i>Pounds</i>	
			<i>MTQ</i>	<i>Cubic metres</i>	
			<i>MTR</i>	<i>Metres</i>	
C	R	6314	Measurement value	(Weight or volume)	n..18
C	X	6162	Range minimum		-
C	X	6152	Range maximum		-
C	X	6432	Significant digits		-
C	X	7383	SURFACE/LAYER	INDICATOR, CODED	-

SAMPLE SEGMENT USAGE

MEA+AAE+AAL+KGM: 30'

NOTES ON RECOMMENDATION JM4/248

DANGEROUS GOODS DETAILS

**RECOMMENDATION JM4/249 - USE OF THE DGS GROUP
WITHIN THE GID GROUP**

D

FUNCTION OF THE GROUP

This DGS Group within the GID Group is used to specify any dangerous goods details for the goods item specified in the preceding GID segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 6 (GID-DGS)	C 9
COPINO	-	-
COPARN	Group 6 (GID-DGS)	C 9
CODECO	Group 4 (GID-DGS)	C 9
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 7 (CNI-GID-DGS)	C 9
COSTOR	Group 9 (CNI-GID-DGS)	C 9

RECOMMENDED GROUP USAGE

Use of the DGS Group is dependent. Its use is **required** for **all hazardous** goods items and it is not used for non-hazardous goods items.

RECOMMENDATION JM4/250 - USE OF THE DGS SEGMENT/ DGS TRIGGER SEGMENT WITHIN THE DGS GROUP WITHIN THE GID GROUP	D/ M
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FUNCTION OF THE SEGMENT

The DGS segment is used to specify any dangerous goods details for the goods item specified in the preceding GID segment. In the case of the COREOR, COPARN, CODECO, COSTCO and COSTOR messages this is the trigger segment of the DGS Group at GID Level.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 6 (GID-DGS)	M 1
COPINO	Group 3	C 9
COPARN	Group 6 (GID-DGS)	M 1
CODECO	Group 4 (GID-DGS)	M 1
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 7 (CNI-GID-DGS)	M 1
COSTOR	Group 9 (CNI-GID-DGS)	M 1

RECOMMENDED SEGMENT USAGE

Use of the DGS segment is mandatory for the COREOR, COPARN, CODECO, COSTCO and COSTOR (trigger segment of DGS Group), otherwise its use is dependent on whether or not the goods item has hazardous characteristics.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT	DESCRIPTION	SIZE/TYPE
C R 8273	DANDEROUS GOODS REGULATIONS, CODED [ADN] <i>Inland Waterways DG Book (ADNR)</i> ADR <i>European Road Transport Agreement for DG</i> CFR <i>CFR49 Code for US domestic transportation</i> IMD <i>IMDG Code</i> RID <i>Rail/Road DG Book</i>	an..3
C R C205	HAZARD CODE	
M M 8351	Hazard code identification <i>IMDG Class Number</i> <i>IMDG Sub-Class Number</i> <i>RID Class Number</i> <i>CFR49 codes</i>	an..7
C O 8078	Hazard substance/item/page number(<i>IMDG Code Page Number</i>)	an..7
C O 8092	Hazard code version number(<i>IMDG Code Version Number</i>)	an..10
C O C234	UNDG INFORMATION	
C R 7124	UNDG number	n4
C X 7088	Dangerous goods flashpoint	-
C D C223	DANGEROUS GOODS SHIPMENT FLASHPOINT	
C R 7106	Shipment flashpoint	n3
C R 6411	Measure unit qualifier <i>CEL Celsius</i> <i>FAH Fahrenheit</i>	an..3

C O	8339	PACKING GROUP, CODED	an..3
		1 Great danger (= I)	
		2 Medium danger (= II)	
		3 Minor danger (= III)	
C O	8364	EMS NUMBER	an..6
C O	8410	MFAG	an..4
C O	8126	TREM CARD NUMBER	an..10
C O	C235	HAZARD IDENTIFICATION	
C O	8158	Hazard identification number, upper part	an..4
C O	8186	Substance identification number, lower part	an4
C O	C236	DANGEROUS GOODS LABEL	
C R	8246	Dangerous goods label marking	an..4
C O	8246	Dangerous goods label marking	an..4
C O	8246	Dangerous goods label marking	an..4
C O	8255	PACKING INSTRUCTION, CODED	an..3
C X	8325	CATEGORY OF MEANS OF TRANSPORT, CODED	-
C X	8211	PERMISSION FOR TRANSPORT, CODED	-

SAMPLE SEGMENT USAGE

DGS+IMD+8:135+1733+140:CEL+2

NOTES ON RECOMMENDATION JM4/250

General: The recommendations applying to the DGS Group should be applied wherever the DGS is used in a variety of messages, both Commercial and Operational. JM4 Recommendation 17 refers.

8351: For goods with a subsidiary risk code, two methodologies are currently being applied:

- (a) the DGS segment should be repeated using DE 8273 and DE 8351 only
- (b) subsidiary risk should be shown in the FTX segment

7124: DE 7124 must be sent if C234 is used.

7106: Flashpoint temperatures should be stated to one decimal place.

RECOMMENDATION JM4/251 - USE OF THE FTX SEGMENT WITHIN THE DGS GROUP WITHIN THE GID GROUP	R
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FUNCTION OF THE SEGMENT

The FTX segment at this level is used to specify supplementary hazardous information which relates to the goods item specified in the preceding GID segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 6 (GID-DGS)	C 9
COPINO	-	-
COPARN	Group 6 (GID-DGS)	C 9
CODECO	Group 4 (GID-DGS)	C 9
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 7 (CNI-GID-DGS)	C 9
COSTOR	Group 9 (CNI-GID-DGS)	C 9

RECOMMENDED SEGMENT USAGE

Use of the FTX at DGS level is required. It should be used at least once to provide the dangerous goods technical name.

RECOMMENDED SEGMENT DETAIL

MSG REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M M	4451	TEXT SUBJECT QUALIFIER AAC DG Additional Information AAD DG Technical Name (minimum requirement)	an..3
C X	4453	TEXT FUNCTION, CODED	-
C O	C107	TEXT REFERENCE	
M M	4441	Free text, coded P Marine Pollutant PP Severe Marine Pollutant	an..3
C X	1131	Code list qualifier	-
C X	3055	Code list responsible agency, coded	-
C D	C108	TEXT LITERAL	
M M	4440	Free text	an..70
C O	4440	Free text	an..70
C O	4440	Free text	an..70
C O	4440	Free text	an..70
C O	4440	Free Text Dangerous Goods Technical Name (if 4451 = AAD) Exterior Placard Label (if 4451 = AAC)	an..70
C O	3453	LANGUAGE, CODED (as per ISO 639-1988)	an..3

SAMPLE SEGMENT USAGE

F'TX+AAD++TECHNICAL NAME '

NOTES ON RECOMMENDATION JM4/251

C107: Only used if AAC appears in DE 4451.

C108: The use of this composite is dependent. It is required in every case except when C107 is used (see note re C107 immediately above).

RECOMMENDATION JM4/252 - USE OF THE MEA SEGMENT WITHIN THE DGS GROUP WITHIN THE GID GROUP	O
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FUNCTION OF THE SEGMENT

This MEA segment is used at this level to specify measurements which relate to the hazardous goods item identified in the preceding GID segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 6 (GID-DGS)	C 9
COPINO	-	-
COPARN	Group 6 (GID-DGS)	C 9
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 7 (CNI-GID-DGS)	C 9
COSTOR	Group 9 (CNI-GID-DGS)	C 9

RECOMMENDED SEGMENT USAGE

Use of the MEA segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

MSG	REC	ELEMENT	DESCRIPTION	APPLICATION	QUALIFIER	SIZE/TYPE
M	M	6311	MEASUREMENT	AAE	Measurement	an..3
C	O	C502	MEASUREMENT	DETAILS		
C	R	6313	Measurement	dimension, coded		an..3
			AAA	Unit net weight		
			AAB	Unit gross weight		
			AAF	Net net weight		
			AAL	Net weight		
			AAW	Gross volume		
			AAX	Net volume		
			ABJ	Volume		
			ACV	Loading meters		
			G	Gross weight		
			[GMC]	Gross measure/cube		
			WT	Weight		
C	X	6321	Measurement	significance, coded		-
C	X	6155	Measurement	attribute, code		-
C	X	6154	Measurement	attribute		-

C	R	C174	VALUE/RANGE		
M	M	6411	Measure unit	qualifier	an..3
			<i>FTQ</i>	<i>Cubic feet</i>	
			<i>KGM</i>	<i>Kilograms</i>	
			<i>LBR</i>	<i>Pounds</i>	
			<i>MTQ</i>	<i>Cubic metres</i>	
			<i>MTR</i>	<i>Metres</i>	
C	R	6314	Measurement value	(Weight or volume)	n..18
C	X	6162	Range minimum		-
C	X	6152	Range maximum		-
C	X	6432	Significant digits		-
C	X	7383	SURFACE/LAYER INDICATOR,	CODED	-

SAMPLE SEGMENT USAGE

MEA+AAE+AAL+KGM:10'

NOTES ON RECOMMENDATION JM4/252

General: This MEA segment is only to be used for dangerous good. The MEA segment at GID level is always to be used, even when goods are dangerous.

DANGEROUS GOODS CONTACTS

RECOMMENDATION JM4/253 - USE OF THE CTA GROUP WITHIN THE DGS GROUP WITHIN THE GID GROUP	O
--	----------

FUNCTION OF THE GROUP

This group is for future use and is not present in the D95B versions of these container messages.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED GROUP USAGE

When the CTA Group becomes present at this level its use will be optional.

**RECOMMENDATION JM4/254 - USE OF THE CTA TRIGGER SEGMENT
WITHIN THE CTA GROUP
WITHIN THE DGS GROUP
WITHIN THE GID GROUP** **M**

FUNCTION OF THE SEGMENT

This CTA segment is the trigger segment of the CTA Group and is used to specify contact information for the hazardous goods item specified in the preceding GID segment. This segment is for FUTURE USE and is not present in the D95B versions of these container messages.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

When the CTA Group becomes present at this level, use of the CTA trigger segment within this group will be mandatory.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT</i>	<i>DESCRIPTION</i>	<i>SIZE/TYPE</i>
C R 3139	CONTACT FUNCTION, CODED <i>HE Emergency Dangerous Goods contact (optional)</i> <i>HG Dangerous Goods contact (required)</i>	an..3
C O C056	DEPARTMENT OR EMPLOYEE DETAILS	-
C X 3413	Department or employee identification	-
C R 3412	Department or employee (name)	an..35

SAMPLE SEGMENT USAGE

CTA+HG+ : FRED BLOGGS '

NOTES ON RECOMMENDATION JM4/254

**RECOMMENDATION JM4/255 - USE OF THE COM SEGMENT
WITHIN THE CTA GROUP
WITHIN THE DGS GROUP
WITHIN THE GID GROUP**

O

FUNCTION OF THE SEGMENT

The COM segment at this level is used to specify communication numbers of the contact identified in the preceding CTA segment. This segment is for FUTURE USE and is not present in the D95B versions of these container messages.

MESSAGE REQUIREMENTS

CODENO	-		-
COEDOR	-		-
COHAOR	-		-
COREOR	-		-
COPINO	-		-
COPARN	-		-
CODECO	-		-
CALINF	-		-
VESDEP	-		-
COARRI	-		-
COPRAR	-		-
COSTCO	-		-
COSTOR	-		-

RECOMMENDED SEGMENT USAGE

When the CTA Group becomes present at this level, use of the COM segment within this group will be optional

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT</i>	<i>DESCRIPTION</i>	<i>SIZE/TYPE</i>
M M C076	COMMUNICATION CONTACT	
M M 3148	Communication number <i>(no spaces or hyphens)</i>	an..25
M M 3155	Communication channel qualifier	an..3
	<i>EM</i> <i>Electronic mail</i>	
	<i>FX</i> <i>Telefax</i>	
	<i>TE</i> <i>Telephone</i>	
	<i>TL</i> <i>Telex</i>	
	<i>TT</i> <i>Teletext</i>	
	<i>XF</i> <i>X.400</i>	

SAMPLE SEGMENT USAGE

COM+61292625900:TE'

NOTES ON RECOMMENDATION JM4/255

General: General Recommendation JM4/16 stipulates that communication numbers are to be transmitted without spaces or hyphens. Telephone and fax numbers should include country codes.

3148: Telephone and fax numbers should include the country code, and should be able to be dialled from outside the local telephone region (ie. no 1-800 numbers).

If the code HE has been specified in DE 3139 of the preceding CTA, the telephone contact number must always be transmitted.

3155: At this point in time DE 3418 is too short to accommodate many X.400 addresses. A DMR has been submitted to correct this problem.

**RECOMMENDATION JM4/256 - USE OF THE SGP GROUP
WITHIN THE DGS GROUP
WITHIN THE GID GROUP**

O

FUNCTION OF THE GROUP

The SGP Group at this level is used to identify the piece or pieces of transport equipment within which the hazardous goods item specified in the preceding GID segment is transported.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 8 (CNI-GID-DGS-SGP)	C 999
COSTOR	Group 10 (CNI-GID-DGS-SGP)	C 999

RECOMMENDED GROUP USAGE

Use of the SGP Group at this level is Optional.

**RECOMMENDATION JM4/257 - USE OF THE SGP TRIGGER SEGMENT
WITHIN THE SGP GROUP
WITHIN THE DGS GROUP
WITHIN THE GID GROUP**

M

FUNCTION OF THE SEGMENT

This SGP segment is the trigger segment of the SGP Group and is used to quantify a number of packages within the hazardous goods item and the piece of transport equipment in which they are transported.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 8 (CNI-GID-DGS-SGP)	M 1
COSTOR	Group 10 (CNI-GID-DGS-SGP)	M 1

RECOMMENDED SEGMENT USAGE

Use of the SGP trigger segment within this group is mandatory.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT</i>	<i>DESCRIPTION</i>	<i>SIZE/TYPE</i>
M M C237	EQUIPMENT IDENTIFICATION	
C R 8260	Equipment identification number	an..17
C X 1131	Code list qualifier	-
C X 3055	Code list responsible agency, coded	-
C X 3207	Country, coded	-
C O 7224	NUMBER OF PACKAGES (<i>in the equipment</i>)	n..8

SAMPLE SEGMENT USAGE

SGP+ANNU2356789+3'

NOTES ON RECOMMENDATION JM4/257

8260: The number provided in DE 8260 in the SGP segment should always match one of the transport equipment numbers specified in DE 8260 within the EQD segment.

7224: Should always be used if the number of packages is known.

**RECOMMENDATION JM4/258 - USE OF THE MEA SEGMENT
WITHIN THE SGP GROUP
WITHIN THE DGS GROUP
WITHIN THE GID GROUP**

O

FUNCTION OF THE SEGMENT

This MEA segment is used at this level to specify measurements which relate to the hazardous goods items specified within a particular piece of equipment as identified in the preceding SGP segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 8 (CNI-GID-DGS-SGP)	C 9
COSTOR	Group 10 (CNI-GID-DGS-SGP)	C 9

RECOMMENDED SEGMENT USAGE

Use of the MEA segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

MSG REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M M	6311	MEASUREMENT APPLICATION QUALIFIER <i>AAE Measurement</i>	an..3
C O	C502	MEASUREMENT DETAILS	
C R	6313	Measurement dimension, coded <i>AAA Unit net weight AAB Unit gross weight AAF Net net weight AAL Net weight AAW Gross volume AAX Net volume ABJ Volume ACV Loading meters G Gross weight [GMC] Gross measure/cube WT Weight</i>	an..3
C X	6321	Measurement significance, coded	-
C X	6155	Measurement attribute, code	-
C X	6154	Measurement attribute	-

C	R	C174	VALUE/RANGE		
M	M	6411	Measure unit	qualifier	an..3
			<i>FTQ</i>	<i>Cubic feet</i>	
			<i>KGM</i>	<i>Kilograms</i>	
			<i>LBR</i>	<i>Pounds</i>	
			<i>MTQ</i>	<i>Cubic metres</i>	
			<i>MTR</i>	<i>Metres</i>	
C	R	6314	Measurement value	(Weight or volume)	n..18
C	X	6162	Range minimum		-
C	X	6152	Range maximum		-
C	X	6432	Significant digits		-
C	X	7383	SURFACE/LAYER	INDICATOR, CODED	-

SAMPLE SEGMENT USAGE

MEA+AAE+AAL+KGM: 1'

NOTES ON RECOMMENDATION JM4/258

General: This MEA segment is only to be used for dangerous good. The MEA segment at GID level is always to be used, even when goods are dangerous.

EQUIPMENT DETAILS

RECOMMENDATION JM4/259 - USE OF THE EQD GROUP	M/R
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FUNCTION OF THE GROUP

The EQD Group is used to identify the transport equipment.

MESSAGE REQUIREMENTS

CODENO	Group 5 (EQD)	M 999
COEDOR	Group 2 (EQD)	M 9999
COHAOR	Group 3 (EQD)	M 999
COREOR	Group 7 (EQD)	C 999
COPINO	Group 4 (EQD)	M 999
COPARN	Group 7 (EQD)	M 999
CODECO	Group 5 (EQD)	M 999
CALINF	-	-
VESDEP	-	-
COARRI	Group 3 (EQD)	M 9999
COPRAR	Group 3 (EQD)	M 9999
COSTCO	Group 3 (EQD)	M 999
COSTOR	Group 3 (EQD)	M 999

RECOMMENDED SEGMENT USAGE

Use of the EQD Group is mandatory for all the transport equipment (container) movement messages except the COREOR message for which it is required. The EQD Group is not present in the CALINF or VESDEP vessel movement messages.

RECOMMENDATION JM4/260 - USE OF THE EQD TRIGGER SEGMENT WITHIN THE EQD GROUP	M
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FUNCTION OF THE SEGMENT

This EQD segment is the trigger segment of the EQD Group and is used to identify a piece of transport equipment.

MESSAGE REQUIREMENTS

CODENO	Group 5 (EQD)	M 1
COEDOR	Group 2 (EQD)	M 1
COHAOR	Group 3 (EQD)	M 1
COREOR	Group 7 (EQD)	M 1
COPINO	Group 4 (EQD)	M 1
COPARN	Group 7 (EQD)	M 1
CODECO	Group 5 (EQD)	M 1
CALINF	-	-
VESDEP	-	-
COARRI	Group 3 (EQD)	M 1
COPRAR	Group 3 (EQD)	M 1
COSTCO	Group 3 (EQD)	M 1
COSTOR	Group 3 (EQD)	M 1

RECOMMENDED SEGMENT USAGE

Use of the EQD trigger segment within this group is mandatory.

RECOMMENDED SEGMENT DETAIL

MSG	REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M	M	8053	EQUIPMENT QUALIFIER	an..3
			[BB] Breakbulk	
			[FTC] Full Trailer Combination (ie. tractor + trailer)	
			[TR] Truck (non-articulated vehicle)	
			BR Barge	
			CH Chassis	
			CN Container	
			PA Pallet	
			RG Reefer Generator	
			RR Rail car	
			SW Swap Body	
			TE Trailer	
C	D	C237	EQUIPMENT IDENTIFICATION	
C	R	8260	Equipment identification number (or sequence number)	an..17
C	D	1131	Code list qualifier	an..3
			[AGP] Company issued equipment ID (sequence number)	
C	O	3055	Code list responsible agency, coded	an..3
C	X	3207	Country, coded	-
C	D	C224	EQUIPMENT SIZE AND TYPE	
C	O	8155	Equipment size and type identification	an..10
C	O	1131	Code list qualifier	an..3
			102 Size/type	
C	O	3055	Code list responsible agency, coded	an..3
			5 ISO	
			12 UIC	
C	O	8154	Equipment size and type (free text)	an..35

C	O	8077	EQUIPMENT SUPPLIER, CODED	an..3
			1 Shipper Supplied	
			2 Carrier Supplied	
			3 Third Party Supplied	
C	O	8249	EQUIPMENT STATUS, CODED	an..3
			1 Continental	
			2 Export	
			3 Import	
			4 Remain on Board	
			5 Shifter (restow)	
			6 Transshipment	
			[7] Domestic	
			[8] Positioning	
			[9] Delivery	
			[10] Repair	
			[11] Re-delivery	
			[12] Shortlanded	
			[13] Overlanded	
C	O	8169	FULL/EMPTY INDICATOR, CODED	an..3
			4 Empty	
			5 Full	
			6 No volume available (unknown)	

SAMPLE SEGMENT USAGE

EQD+CN+ANNU2341234+2020:102:5+2+2+5'

NOTES ON RECOMMENDATION JM4/260

C237/8260: Equipment numbers are to be transmitted as they appear on the equipment - as a contiguous field.

Numbers must always be transmitted when known - in cases where the EQD Group covers a single item of equipment 8260 is Required.

Where an equipment number is not known, a sequence number may be transmitted in DE 8260, with "AGP" in DE 1131.

Where the EQD Group covers several items of equipment of a particular type, a sequence number (if any) should appear in the DE 8260 with code AGP in the associated DE 1131.

C224/8155: Use of codes values for size/type is strongly recommended.

C224/3055: It is understood that the latest version of the ISO code due for release in late 1995 will enable the size/type coding of non-ISO standard containers.

RECOMMENDATION JM4/261 - USE OF THE RFF SEGMENT WITHIN THE EQD GROUP	D
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FUNCTION OF THE SEGMENT

The RFF segment at this level is used to specify reference numbers which relate to the equipment specified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	Group 5 (EQD)	C 1
COEDOR	Group 2 (EQD)	C 9
COHAOR	Group 3 (EQD)	C 9
COREOR	Group 7 (EQD)	M 9
COPINO	Group 4 (EQD)	C 9
COPARN	Group 7 (EQD)	C 9
CODECO	Group 5 (EQD)	C 9
CALINF	-	-
VESDEP	-	-
COARRI	Group 3 (EQD)	C 9
COPRAR	Group 3 (EQD)	C 9
COSTCO	Group 3 (EQD)	C 9
COSTOR	Group 3 (EQD)	C 9

RECOMMENDED SEGMENT USAGE

Use of the RFF segment within this group is mandatory for the COREOR message otherwise its use is optional.

MSG REC ELEMENT DESCRIPTION	SIZE/TYPE
M M C506 REFERENCE	
M M 1153 Reference qualifier	an..3
[ACD]	<i>Additional reference number</i>
[ANN]	<i>Transport equipment announcement Number</i>
[AX]	<i>Repair authorisation number</i>
[CAO]	<i>Acceptance order reference Number</i>
[CPR]	<i>Container prefix</i>
[EXX]	<i>Repair estimate number</i>
[LPO]	<i>Reference at place of positioning</i>
[REO]	<i>Release order reference number</i>
[RSQ]	<i>Referring sequence number</i>
[SHR]	<i>Special handling instruction number</i>
[STF]	<i>Stuffing reference</i>
[STR]	<i>Stripping reference</i>
[TCR]	<i>Transport costs reference</i>
[VIN]	<i>Motor Vehicle Identification Number (VIN number)</i>
AAM	<i>Waybill number</i>
AAS	<i>Transport document number</i>
AAY	<i>Carrier's agent reference number</i>
ABZ	<i>Vehicle License Number</i>
AE	<i>Authorisation for expense (AFE) number</i>
AHI	<i>Transport contract reference number</i>
BM	<i>Bill of lading number</i>
BN	<i>Booking reference number</i>
BO	<i>Blanket order number</i>
CN	<i>Carrier's reference number</i>
CT	<i>Contract number</i>
CV	<i>Container operators reference number</i>
DR	<i>Dock receipt number</i>
EQ	<i>Equipment number (Alternate)</i>
ER	<i>Container/equipment receipt number (TIR - Trailer Interchange Receipt Number)</i>
FF	<i>Freight forwarder's reference number</i>

		<i>LAR</i>	<i>Lower article number of range (Lower serial number of equipment range)</i>	
		<i>RE</i>	<i>Release number</i>	
		<i>SQ</i>	<i>Container sequence number</i>	
		<i>TF</i>	<i>Transfer number</i>	
		<i>UAR</i>	<i>Upper serial number of range (Upper serial number of equipment range)</i>	
		<i>UCN</i>	<i>Unique consignment reference number</i>	
		<i>VT</i>	<i>Vehicle Registration Number</i>	
C	R	1154	Reference number	an..35
C	X	1156	Line number	-
C	X	4000	reference version number	-

SAMPLE SEGMENT USAGE

RFF+AAAY:12345'

NOTES ON RECOMMENDATION JM4/261

1153: "SQ" is to be used where an equipment identification has been placed in 8260 of EQD and a reference to an earlier message is to be made.

"EQ" is to be used in the event that an alternative equipment number is to be quoted in addition to the number in the EQD.

"LQR" and "UQR" are used to indicate the upper and lower numbers of a range.

RECOMMENDATION JM4/262 - USE OF THE EQN SEGMENT WITHIN THE EQD GROUP	D
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FUNCTION OF THE SEGMENT

The EQN segment at this level is used to specify numbers of units which relate to the equipment specified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	Group 4 (EQD)	C 1
COPARN	Group 7 (EQD)	C 1
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	Group 3 (EQD)	C 1
COSTCO	-	-
COSTOR	Group 3 (EQD)	C 1

RECOMMENDED SEGMENT USAGE

Use of the EQN segment within this group is dependent. Its use is optional unless more than one item of the same type of equipment is reported in the preceding EQD segment in which case it is required.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT DESCRIPTION</i>	<i>SIZE/TYPE</i>
M M C523 NUMBER OF UNIT DETAILS	
C R 6350 Number of units	n..15
C X 6353 Number of units qualifier	-

SAMPLE SEGMENT USAGE

EQN+36'

NOTES ON RECOMMENDATION JM4/262

RECOMMENDATION JM4/263 - USE OF THE TMD SEGMENT WITHIN THE EQD GROUP	O
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FUNCTION OF THE SEGMENT

The TMD segment at this level is used to specify movement details which relate to the piece of equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	Group 7 (EQD)	C 9
CODECO	Group 5 (EQD)	C 9
CALINF	-	-
VESDEP	-	-
COARRI	Group 3 (EQD)	C 9
COPRAR	Group 3 (EQD)	C 9
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the TMD segment within this group is optional

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT DESCRIPTION</i>	<i>SIZE/TYPE</i>
C O C219 MOVEMENT TYPE	
C R 8335 Movement type, coded	an..3
2 LCL/LCL (= PP = CFS/CFS)	
3 FCL/FCL (= HH = CY/CY)	
4 FCL/LCL (= HP = CY/CFS)	
5 LCL/FCL (= PH = CFS/CY)	
C X 8334 Movement type	-
C X 8332 EQUIPMENT PLAN	-
C O 8341 HAULAGE ARRANGEMENTS, CODED	an..3
1 Carrier (carrier arranges inland transport)	
2 Merchant (shipper arranges inland transport)	

SAMPLE SEGMENT USAGE

TMD+2'

NOTES ON RECOMMENDATION JM4/263

General: The values in the TMD are operational (Recommendation WE/35 refers).

**RECOMMENDATION JM4/264 - USE OF THE TSR SEGMENT
WITHIN THE EQD GROUP****X*****FUNCTION OF THE SEGMENT***

The TSR segment at this level is used to specify the contract, conditions of carriage, services and priority requirements which apply to the transport of the piece of equipment identified in the preceding EQD segment..

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 7 (EQD)	C 9
COPINO	-	-
COPARN	Group 7 (EQD)	C 9
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	Group 3 (EQD)	C 9
COSTOR	Group 3 (EQD)	C 9

RECOMMENDED SEGMENT USAGE

The TSR segment within this group is not used.

RECOMMENDATION JM4/265 - USE OF THE DTM SEGMENT WITHIN THE EQD GROUP	O
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FUNCTION OF THE SEGMENT

The DTM segment at this level is used to specify dates and times which relate to the piece of equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	Group 2 (EQD)	C 9
COHAOR	Group 3 (EQD)	C 9
COREOR	-	-
COPINO	-	-
COPARN	Group 7 (EQD)	C 9
CODECO	Group 5 (EQD)	C 9
CALINF	-	-
VESDEP	-	-
COARRI	Group 3 (EQD)	C 9
COPRAR	Group 3 (EQD)	C 9
COSTCO	Group 3 (EQD)	C 9
COSTOR	Group 3 (EQD)	C 9

RECOMMENDED SEGMENT USAGE

Use of the DTM segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT	DESCRIPTION	SIZE/TYPE
M M C507	DATE/TIME/PERIOD	
M M 2005	Date/time/period qualifier	an..3
	7 Effective date/time	
	36 Expiry date (of licence)	
	94 Production/manufacture date	
	181 Positioning date/time of equipment (actual)	
	191 Delivery date/time, expected	
	201 Pick-up date/time of equipment (actual)	
	203 Execution date/time, requested	
	371 Hydrotest date	
	376 Bi-annual terminal (BIT) inspection date	
	377 Federal Highway Administration (FHWA) inspection date	
	378 Container Safety Convention (CSC) inspection date	
	379 Periodic inspection date	
	[DID] Direct interchange date	
	[LOH] Last on-hire date	
	[LOF] Last off-hire date	
	[USD] Ultimate stuffing date/time	
	[UST] Ultimate stripping date/time	
	[CPE] Positioning date/time/estimated	
C R 2380	Date/time/period (Date/time)	an..35
C R 2379	Date/time/period format qualifier	an..3
	102 CCYMMDD	
	203 CCYMMDDHHMM	
	303 CCYMMDDHHMMZZZ	
	718 CCYMMDD-CCYMMDD	

SAMPLE SEGMENT USAGE

DTM+7+199712241200:203'

NOTES ON RECOMMENDATION JM4/265

- 2005:** Dates at this level are used to specify empty equipment positioning times in booking messages
- 2379:** The use of 303 (CCYYMMDDHHMMZZZ) is to be preferred over 203 (CCYYMMDDHHMM) - (General Recommendation JM4/23 refers).

Where code 718 is used, the dash (-) is not transmitted.

RECOMMENDATION JM4/266 - USE OF THE LOC SEGMENT WITHIN THE EQD GROUP	O
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FUNCTION OF THE SEGMENT

The LOC segment at this level is used to specify locations which relate to the piece of equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	Group 2 (EQD)	C 9
COHAOR	Group 3 (EQD)	C 9
COREOR	-	-
COPINO	-	-
COPARN	Group 7 (EQD)	C 9
CODECO	Group 5 (EQD)	C 9
CALINF	-	-
VESDEP	-	-
COARRI	Group 3 (EQD)	C 9
COPRAR	Group 3 (EQD)	C 9
COSTCO	-	-
COSTOR	Group 3 (EQD)	C 9

RECOMMENDED SEGMENT USAGE

Use of the LOC segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT	DESCRIPTION	SIZE/TYPE
M M 3227	PLACE/LOCATION QUALIFIER	an..3
	5 Place of departure	
	7 Place of delivery	
	8 Place of destination	
	9 (Operational) Place/port of loading	
	11 (Operational) Place/port of discharge	
	13 Place of transshipment	
	15 Place of transfer responsibility (Direct Interchange)	
	20 Place of ultimate destination of goods	
	22 Customs office of clearance	
	27 Country of origin	
	28 Country of destination of goods	
	33 Baseport of discharge (contractual POD)	
	34 Baseport of loading (contractual POL)	
	36 Country of ultimate destination	
	44 Place of authentication of document	
	57 Place of payment	
	71 Reconsolidation point (place)	
	73 Bill of lading release office	
	80 Place of despatch	
	88 Place of receipt	
	89 Place of (equipment) registration	
	91 Place of document issue	
	97 Optional place(/port) of discharge	
	98 Place of empty equipment despatch	
	99 Place of empty equipment return	
	104 Place of deconsolidation	
	107 Place of consolidation	
	147 Stowage cell	
	154 Place/location of (equipment) on-hire	
	155 Place/location of (equipment) off-hire	

		[165]	Activity location	
		[163]	Place of destination for stow purposes	
		[164]	Final port of discharge	
C R	C517	LOCATION IDENTIFICATION		
C O	3225	Place/location identification		an..25
		UN LOCODE		
		EAN Location Code		
		US Census code		
		Cell Number (for stowage location - DE 3227 = 147)		
C O	1131	Code list qualifier		an..3
		139 Port		
		162 Country		
C O	3055	Code list responsible agency, coded		an..3
		5 ISO		
		6 UN/ECE		
		9 EAN		
		12 UIC		
		112 US Census		
		ZZZ Mutually Agreed		
C O	3224	Place/location (free text)		an..17
C O	C519	RELATED LOCATION ONE IDENTIFICATION		
C R	3223	Related place/location one identification (1st related location code)		an..25
C O	1131	Code list qualifier		an..3
		[BER] Berths		
		[WHA] Wharves		
		[TER] Terminals		
		[GAT] Gates		
		[WAR] Warehouses		
		[CNE] Consignee's premises		
		[CNR] Consignor's premises		
		[PAC] Packing/unpacking facilities		
		[STO] Storage facilities		
		[REP] Repair facilities		
C O	3055	Code list responsible agency, coded		an..3
		9 EAN		
		184 ACOS		
		ZZZ Mutually Agreed		
C O	3222	Related place/location one (1st related location free text)		an..70
C O	C553	RELATED LOCATION TWO IDENTIFICATION		
C O	3233	Related place/location two identification (2nd related location code)		an..25
C O	1131	Code list qualifier		an..3
		[BER] Berths		
		[WHA] Wharves		
		[TER] Terminals		
		[GAT] Gates		
		[WAR] Warehouses		
		[CNE] Consignee's premises		
		[CNR] Consignor's premises		
		[PAC] Packing/unpacking facilities		
		[STO] Storage facilities		
		[REP] Repair facilities		
C O	3055	Code list responsible agency, coded		an..3
		9 EAN		
		184 ACOS		
		ZZZ Mutually Agreed		
C O	3232	Related place/location two (2nd related location free text)		an..70
C X	5479	RELATION, CODED		-

SAMPLE SEGMENT USAGE

LOC+15:USOAK:139:6+TERMINAL:TER:ZZZ+GATE1:GAT:ZZZ'

NOTES ON RECOMMENDATION JM4/266

- 3227:** The locations specified in the Container Messages are Operational, rather than Contractual.
- Where 147 (stowage cell) has been specified in DE 3227, the methodology used in the BAPLIE guideline should be applied.
- 3225:** Use of the UN LOCODE is preferred for international maritime carriage.

RECOMMENDATION JM4/267 - USE OF THE MEA SEGMENT WITHIN THE EQD GROUP	O
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FUNCTION OF THE SEGMENT

The MEA segment at this level is used to specify measurements other than dimensions which relate to the piece of transport equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 7 (EQD)	C 9
COPINO	Group 4 (EQD)	C 9
COPARN	Group 7 (EQD)	C 9
CODECO	Group 5 (EQD)	C 9
CALINF	-	-
VESDEP	-	-
COARRI	Group 3 (EQD)	C 9
COPRAR	Group 3 (EQD)	C 9
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the MEA segment within this group is optional

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT DESCRIPTION	SIZE/TYPE
M M 6311 MEASUREMENT APPLICATION QUALIFIER <i>AAE Measurement</i>	an..3
C O C502 MEASUREMENT DETAILS	
C R 6313 Measurement dimension, coded	an..3
<i>[EAG] Transport Equipment average Gross Weight (of a group of containers)</i>	
<i>[TGW] Transport Equipment total Gross Weight (of a group of containers)</i>	
<i>EGW Gross weight (including carrier's equipment)</i>	
<i>G Gross weight (excluding carrier's equipment)</i>	
<i>MW Maximum Weight (CSC maximum gross weight)</i>	
<i>T Tare weight (for transport of empty equipment)</i>	
C X 6321 Measurement significance, coded	-
C X 6155 Measurement attribute, code	-
C X 6154 Measurement attribute	-
C R C174 VALUE/RANGE	
M M 6411 Measure unit qualifier	an..3
<i>KGM Kilograms</i>	
<i>LBR Pounds</i>	
C R 6314 Measurement value (<i>Weight</i>)	n..18
C X 6162 Range minimum	-
C X 6152 Range maximum	-
C X 6432 Significant digits	-
C X 7383 SURFACE/LAYER INDICATOR, CODED	-

SAMPLE SEGMENT USAGE

MEA+AAE+T+KGM+15'

RECOMMENDATION JM4/268 - USE OF THE DIM SEGMENT WITHIN THE EQD GROUP	D
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FUNCTION OF THE SEGMENT

The DIM segment at this level is used to specify dimensions which relate to the piece of transport equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 7 (EQD)	C 9
COPINO	Group 4 (EQD)	C 9
COPARN	Group 7 (EQD)	C 9
CODECO	Group 5 (EQD)	C 9
CALINF	-	-
VESDEP	-	-
COARRI	Group 3 (EQD)	C 9
COPRAR	Group 3 (EQD)	C 9
COSTCO	Group 3 (EQD)	C 9
COSTOR	Group 3 (EQD)	C 9

RECOMMENDED SEGMENT USAGE

Use of the DIM segment at this level is dependent. It should only be used when transport equipment dimensions exceed those reported in C224 in the preceding EQD segment.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT</i>	<i>DESCRIPTION</i>	<i>SIZE/TYPE</i>
M M 6145	DIMENSION QUALIFIER	an..3
	1 Gross dimensions	
	5 Off-standard dimension front	
	6 Off-standard dimension back	
	7 Off-standard dimension right	
	8 Off-standard dimension left	
	9 Off standard dimension general	
	10 External equipment dimension	
M M C211	DIMENSIONS	
M M 6411	Measure unit qualifier	an..3
	CMT Centimetres	
	INH Inches	
C D 6168	Length dimension	n..15
C D 6140	Width dimension	n..15
C D 6008	Height dimension	n..15

SAMPLE SEGMENT USAGE

DIM+1+INH:240:96:102'

NOTES ON RECOMMENDATION JM4/268

- General:** This segment relates to measurements of out-of-gauge cargo with the equipment in or on which it is carried.
- 6411:** This follows the standard set in the SMDG BAPLIE message implementation guideline - Metres and Feet are not included. Non-metric measures should always be converted before transmission to regions where metric measures are the legislated standard, and *vice versa*.
- 6168/6140/6008:** Where 1 (Gross Dimensions) or 10 (External Dimensions) has been specified in 6145, this should be the overall measurement. In all other cases it should be the excess over the standard (ie. the overhang).
- Where 9 (off-standard dimensions) has been specified in 6145. Either 6168, 6140 or 6008 should be used to specify the relevant dimension.
- C211:** Whenever a dimension is known, C211 must be used.

RECOMMENDATION JM4/269 - USE OF THE TMP SEGMENT WITHIN THE EQD GROUP	O
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FUNCTION OF THE SEGMENT

The TMP segment at this level is used to specify temperature details which relate to the piece of transport equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 7 (EQD)	C 9
COPINO	-	-
COPARN	Group 7 (EQD)	C 9
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	Group 3 (EQD)	C 9
COPRAR	Group 3 (EQD)	C 9
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the TMP segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT DESCRIPTION</i>	<i>SIZE/TYPE</i>
M M 6245 TEMPERATURE QUALIFIER	an..3
1 Storage temperature	
2 Transport temperature	
3 Operating temperature	
C O C239 TEMPERATURE SETTING	
C R 6246 Temperature setting	n3
C R 6411 Measure unit qualifier	an..3
CEL Celsius	
FAH Fahrenheit	

SAMPLE SEGMENT USAGE

TMP+3+10.0:CEL'

NOTES ON RECOMMENDATION JM4/269

General: JM4 Recommendation 34 refers.

6246: If the temperature value is negative the minus (-) sign must be transmitted in DE 6246. The minus sign and/or decimal point do not count in the total number of characters. This is demonstrated in the following example:

TMP+2+-4.0:CEL' (Transport temperature -4.0 degrees C)

Temperatures should only be expressed to one decimal place.

A DMR will be submitted to extend the length of DE 6246.

RECOMMENDATION JM4/270 - USE OF THE RNG SEGMENT WITHIN THE EQD GROUP	O
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FUNCTION OF THE SEGMENT

The RNG segment at this level is used to specify a temperature range which relates to the piece of transport equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 7 (EQD)	C 9
COPINO	-	-
COPARN	Group 7 (EQD)	C 9
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	Group 3 (EQD)	C 9
COPRAR	Group 3 (EQD)	C 9
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the RNG segment within this group is optional

RECOMMENDED SEGMENT DETAIL

MSG REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M M	6167	RANGE TYPE QUALIFIER 5 Temperature range	an..3
C R	C280	RANGE	
M M	6411	Measure unit qualifier CEL Celsius FAH Fahrenheit	an..3
C R	6162	Range minimum	n..18
C R	6152	Range maximum	n..18

SAMPLE SEGMENT USAGE

RNG+5+CEL:9.5:10.5'

NOTES ON RECOMMENDATION JM4/270

General: If the RNG is to be used with "5" in 6167, it is recommended that the preceding TMP must also be used, specifying only the temperature qualifier in DE 6245. General Recommendation JM4/34 refers.

RECOMMENDATION JM4/271 - USE OF THE SEL SEGMENT WITHIN THE EQD GROUP	O
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FUNCTION OF THE SEGMENT

The SEL segment at this level is used to specify seal details which relate to the piece of transport equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 7 (EQD)	C 9
COPINO	Group 4 (EQD)	C 9
COPARN	Group 7 (EQD)	C 9
CODECO	Group 5 (EQD)	C 9
CALINF	-	-
VESDEP	-	-
COARRI	Group 3 (EQD)	C 9
COPRAR	Group 3 (EQD)	C 9
COSTCO	Group 3 (EQD)	C 9
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the SEL segment at this level is optional.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT DESCRIPTION</i>	<i>SIZE/TYPE</i>
M M 9308 SEAL NUMBER	an..10
C O C215 SEAL ISSUER	
C O 9303 Sealing party, coded	an..3
[CS] Consolidator	
[QA] Quarantine	
CA Carrier	
CU Customs	
SH Shipper	
TO Terminal Operator	
C X 1131 Code list qualifier	-
C X 3055 Code list responsible agency, coded	-
C O 9302 Sealing party (free text)	an..35
C O 4517 SEAL CONDITION, CODED	an..3
1 In right condition	
2 Damaged	

SAMPLE SEGMENT USAGE

SEL+239465GHHJ+CA+1'

NOTES ON RECOMMENDATION JM4/271

9308: A DMR is being processed to increase the length of this element to an..17, to cater for longer seal numbers.

RECOMMENDATION JM4/272 - USE OF THE FTX SEGMENT WITHIN THE EQD GROUP	O
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FUNCTION OF THE SEGMENT

The FTX segment at this level is used to specify supplementary free text details which relate to the piece of transport equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	Group 3 (EQD)	C 9
COREOR	Group 7 (EQD)	C 9
COPINO	-	-
COPARN	Group 7 (EQD)	C 9
CODECO	Group 5 (EQD)	C 9
CALINF	-	-
VESDEP	-	-
COARRI	Group 3 (EQD)	C 9
COPRAR	Group 3 (EQD)	C 9
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the FTX at this level is optional

RECOMMENDED SEGMENT DETAIL

MSG REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M M	4451	TEXT SUBJECT QUALIFIER	an..3
		AAA Goods description	
		AAI General information	
		ABS Additional conditions (current container condition)	
		ACF Additional attribute information	
		[CSC] CSC information	
		DAR Damage remarks	
		HAN Handling instructions	
		INV Invoice instruction	
		LOI Loading instruction	
		OSI Other service information	
		SIN Special instructions	
C X	4453	TEXT FUNCTION, CODED	-
C D	C107	TEXT REFERENCE (see note below)	
M M	4441	Free text, coded	an..3
C O	1131	Code list qualifier	an..3
C O	3055	Code list responsible agency, coded	an..3
C D	C108	TEXT LITERAL (see note below)	
M M	4440	Free text	an..70
C O	4440	Free text	an..70
C O	4440	Free text	an..70
C O	4440	Free text	an..70
C O	4440	Free Text	an..70
C O	3453	LANGUAGE, CODED (as per ISO 639-1988)	an..3

SAMPLE SEGMENT USAGE

FTX+AAI+++GENERAL INFORMATION'

NOTES ON RECOMMENDATION JM4/272

4451: It has been agreed that a HAN segment will be inserted at EQD level in all container messages, and DMRs have been lodged by ISA to this end. Because this will not be available until at least the D97A Directory, the FTX segment will be used on a temporary basis for handling instructions, using the appropriate code values from the HAN segment.

It has also been agreed that a COD segment will be added to messages to provide for construction materials where these are not associated with damage to the equipment. DMRs will be prepared.

4441: Where it is possible to use the FTX up to nine times, several coded descriptions of the equipment, its condition, and action to be taken or already taken can be specified.

This approach has been provided for because it is not yet possible to comply with General Recommendation JM4/27 (which stresses the need to avoid use of the FTX segment wherever coded values can be used), either because of shortcomings in the structure of the messages or uncertainty about future business requirements. This approach should therefore be seen as a temporary solution.

Using the codes below, a contractor might report for a given container as follows:

EQD #1	FTX #1 4451 = DAR	4441 = 7 (repaired)
	FTX #2 4451 = ABS	4441 = 111 (CSC problem)
	FTX #3 4451 = ABS	4441 = 68 (dirty)

Similarly a container operator might instruct a contractor to release a container as follows:

EQD #1	FTX #1 4451 = HAN	4441 = 50 (for export packing)
	FTX #2 4451 = ABS	4441 = 81 (prepared for Hides)
	FTX #3 4451 = ABS	4441 = 104 (vent open)

Several codes have been endorsed on a temporary basis by JM4, and will be maintained by ACOS until agreement can be reached on whether to have them maintained by SET on behalf of JM4, or inserted into the EDIFACT Code List.

These codes are available in a separate document published by ITIGG - "Codes for Use in the Free Text (FTX) Segment of the UN'EDIFACT Container Messages" (Document Reference JM4/ITIGG/96.120).

C107/C108 Different usages of these composites are recommended, depending on what value appears in DE 4451:

INVOICE INSTRUCTIONS (If 4451 = INV)

C107	TEXT REFERENCE
4441	Free text, coded
	<i>Instruction Code (see JM4/ITIGG/96.120)</i>
1131	Code list qualifier
	<i>130 Special Handling Instructions</i>
3055	Code list responsible agency, coded
	<i>184 Australian Chamber of Shipping</i>
C108	TEXTLITERAL (<i>Not used</i>)

OTHER SERVICE INFORMATION (If 4451 = OSI)

- C107 TEXT REFERENCE (*Can be used for vent settings*)
 4441 Free text, coded
 CLS Vents closed
 QUA Vents one quarter open
 HLF Vents half open
 THR Vents three quarters open
 FLL Vents fully open
 025 Volume of air flow 25 cubic meters per hour
 030 Volume of air flow 30 cubic meters per hour
 095 Volume of air flow 95 cubic metres per hour
 (*etc.*)
- 1131 Code List qualifier (*not used*)
 3055 Code list responsible agency, coded (*not used*)
- C108 TEXTLITERAL (*Optional free text*)
 4440 Free Text
 4440 Free Text
 4440 Free Text
 4440 Free Text
 4440 Free Text

CSC PROBLEMS (If 4451 = CSC)

- C107 TEXT REFERENCE (*Not used*)
- C108 TEXTLITERAL (*Free text*)
 4440 Free Text
 CSC Re-inspection date (YYMM)
 OR
 “ACEP” (if there is an acceptance sticker)
 OR
 “NDAT” (in all other cases)
- 4440 Free Text (*not used*)
 4440 Free Text (*not used*)
 4440 Free Text (*not used*)
 4440 Free Text (*not used*)

SPECIAL INSTRUCTIONS (If 4451 = SIN)

- C107 TEXT REFERENCE (*Not used*)
- C108 TEXTLITERAL (*Free text*)
 4440 Free Text
 4440 Free Text
 4440 Free Text
 4440 Free Text
 4440 Free Text

GENERAL INFORMATION (If 4451 = AAI)

C107 TEXT REFERENCE (*Not used*)

C108 TEXTLITERAL (*Free text*)

4440 Free Text

4440 Free Text

4440 Free Text

4440 Free Text

4440 Free Text

DESCRIPTION OF GOODS (If 4451 = AAA)

C107 TEXT REFERENCE (*Not used*)

C108 TEXTLITERAL (*Free text*)

4440 Free Text

4440 Free Text

4440 Free Text

4440 Free Text

4440 Free Text

INDICATION OF CONSTRUCTION MATERIAL (If 4451 = ACF)

C107 TEXT REFERENCE

4441 Free text, coded (*Construction material code as per ISO 9897*)

1131 Code list qualifier

ZZZ Mutually defined

3055 Code list responsible agency, coded

5 ISO

C108 TEXTLITERAL (*Not used*)

INDICATION OF DAMAGE CONDITION (If 4451 = DAR)

C107 TEXT REFERENCE

4441 Free text, coded

Condition Code (see JM4/ITIGG/96.120)

1131 Code list qualifier

ZZZ Mutually defined

3055 Code list responsible agency, coded

184 Australian Chamber of Shipping

C108 TEXTLITERAL (*Not used*)

LOADING INSTRUCTIONS (If 4451 = LOI)

C107 TEXT REFERENCE (*Not used*)

C108 TEXTLITERAL (*Free text*)

4440 Free Text

4440 Free Text

4440 Free Text

4440 Free Text

4440 Free Text

CURRENT EQUIPMENT CONDITION (If 4451 = ABS)

C107 TEXT REFERENCE
4441 Free text, coded
Condition code (see JM4/ITIGG/96.120)
1131 Code list qualifier
ZZZ Mutually defined
3055 Code list responsible agency, coded
184 Australian Chamber of Shipping

C108 TEXTLITERAL *(Not used)*

HANDLING INSTRUCTIONS (If 4451 = HAN)

C107 TEXT REFERENCE
4441 Free text, coded
Instruction Code (see JM4/ITIGG/96.120)
1131 Code list qualifier
130 Special Handling Instructions
3055 Code list responsible agency, coded
184 Australian Chamber of Shipping

C108 TEXTLITERAL *(Not used)*

RECOMMENDATION JM4/273 - USE OF THE DGS SEGMENT WITHIN THE EQD GROUP	D
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FUNCTION OF THE SEGMENT

This DGS segment at this level is used to specify any dangerous goods details for the transport equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-	-
COEDOR	-	-	-
COHAOR	-	-	-
COREOR	-	-	-
COPINO	-	-	-
COPARN	Group 7 (EQD)	-	C 1
CODECO	-	-	-
CALINF	-	-	-
VESDEP	-	-	-
COARRI	Group 3 (EQD)	-	C 9
COPRAR	Group 3 (EQD)	-	C 9
COSTCO	-	-	-
COSTOR	-	-	-

RECOMMENDED SEGMENT USAGE

Use of the DGS segment within this group is dependent. If the cargo within the transport equipment has hazardous characteristics then its use is required otherwise it is not used. At this level the segment can also be used to identify any hazardous cargo residues which may remain in the container after unpacking.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT	DESCRIPTION	SIZE/TYPE
C R 8273	DANGEROUS GOODS REGULATIONS, CODED [ADN] <i>Inland Waterways DG Book (ADNR)</i> ADR <i>European Road Transport Agreement for DG</i> CFR <i>CFR49 Code for US domestic transportation</i> IMD <i>IMDG Code</i> RID <i>Rail/Road DG Book</i>	an..3
C R C205	HAZARD CODE	
M M 8351	Hazard code identification <i>IMDG Class Number</i> <i>IMDG Sub-Class Number</i> <i>RID Class Number</i> <i>CFR49 codes</i>	an..7
C O 8078	Hazard substance/item/page number(<i>IMDG Code Page Number</i>)	an..7
C O 8092	Hazard code version number(<i>IMDG Code Version Number</i>)	an..10
C O C234	UNDG INFORMATION	
C R 7124	UNDG number	n4
C X 7088	Dangerous goods flashpoint	-
C D C223	DANGEROUS GOODS SHIPMENT FLASHPOINT	
C R 7106	Shipment flashpoint	n3
C R 6411	Measure unit qualifier <i>CEL Celsius</i> <i>FAH Fahrenheit</i>	an..3

C O	8339	PACKING GROUP, CODED	an..3
		1 Great danger (= I)	
		2 Medium danger (= II)	
		3 Minor danger (= III)	
C O	8364	EMS NUMBER	an..6
C O	8410	MFAG	an..4
C O	8126	TREM CARD NUMBER	an..10
C O	C235	HAZARD IDENTIFICATION	
C O	8158	Hazard identification number, upper part	an..4
C O	8186	Substance identification number, lower part	an4
C O	C236	DANGEROUS GOODS LABEL	
C R	8246	Dangerous goods label marking	an..4
C O	8246	Dangerous goods label marking	an..4
C O	8246	Dangerous goods label marking	an..4
C O	8255	PACKING INSTRUCTION, CODED	an..3
C X	8325	CATEGORY OF MEANS OF TRANSPORT, CODED	-
C X	8211	PERMISSION FOR TRANSPORT, CODED	-

SAMPLE SEGMENT USAGE

DGS+IMD+8:135+1733+140:CEL+2

NOTES ON RECOMMENDATION JM4/273

- General:** The recommendations applying to the DGS Group should be applied at whichever level the DGS is used in a variety of messages, both Commercial and Operational. JM4 Recommendation 17 refers.
- 8351:** For goods with a subsidiary risk code, two methodologies are currently being applied:
- (a) the DGS segment should be repeated using DE 8273 and DE 8351 only
 - (b) subsidiary risk should be shown in the FTX segment
- 7124:** DE 7124 must be sent if C234 is used.
- 7106:** Flashpoint temperatures should be stated to one decimal place.

RECOMMENDATION JM4/274 - USE OF THE MOA SEGMENT WITHIN THE EQD GROUP	O
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FUNCTION OF THE SEGMENT

The MOA segment at this level is used to specify monetary amounts which relate to the transport equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	Group 7 (EQD)	C 9
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the MOA segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT DESCRIPTION</i>	<i>SIZE/TYPE</i>
M M C516 MONETARY AMOUNT	
M M 5025 Monetary amount type qualifier [DPP] Damage Protection Plan Amount	an..3
C R 5004 Monetary amount	n..18
C O 6345 Currency, coded (<i>Currency as per ISO 4217</i>)	an..3
C X 6343 Currency qualifier	-
C X 4405 Status, coded	-

SAMPLE SEGMENT USAGE

MOA+DPP:200:USD'

NOTES ON RECOMMENDATION JM4/274

RECOMMENDATION JM4/275 - USE OF THE EQA SEGMENT WITHIN THE EQD GROUP	O
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FUNCTION OF THE SEGMENT

This EQA segment is used to specify a piece equipment such as a chassis which is attached or related to the piece of transport equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 7 (EQD)	C 1
COPINO	Group 4 (EQD)	C 1
COPARN	Group 7 (EQD)	C 1
CODECO	Group 5 (EQD)	C 9
CALINF	-	-
VESDEP	-	-
COARRI	Group 3 (EQD)	C 9
COPRAR	Group 3 (EQD)	C 9
COSTCO	Group 3 (EQD)	C 9
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the EQA segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT DESCRIPTION</i>	<i>SIZE/TYPE</i>
M M 8053 EQUIPMENT QUALIFIER	an..3
AB Chain	
AD Temperature probe	
BL Blocks	
CH Chassis	
CN Container	
FSU Forked support	
LAR Lashing rope	
RG Reefer Generator	
RR Rail Wagon	
STR Strap	
SW Swap Body	
TE Trailer	
TP Tarpaulin	
C O C237 EQUIPMENT IDENTIFICATION	
C O 8260 Equipment Number	an..17
C X 1131 Code list qualifier	-
C X 3055 Code list responsible agency, coded	-
C X 3207 Country, coded	-

SAMPLE SEGMENT USAGE

EQA+AB: 2695'

NOTES ON RECOMMENDATION JM4/275

8053: These codes include those listed in the EQD Segment Recommendation (JM4/459) with the exception of "RR" (Rail Wagon).

It is now an accepted convention that a rail wagon is taken to be an item of attached equipment (specified in an EQA) related to the item of equipment in or on which the goods are stowed (specified in the EQD).

C237: Whenever an attached equipment number is known, this composite must be used.

RECOMMENDATION JM4/276 - USE OF THE GOR SEGMENT WITHIN THE HEADER LEVEL EQD GROUP	O
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FUNCTION OF THE SEGMENT

This GOR segment at this level is used to indicate applicable governmental procedures which are related to the piece of transport equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-				
COEDOR	-				
COHAOR	Group 3 (EQD)			C 9	
COREOR	-				
COPINO	-				
COPARN	Group 7 (EQD)			C 9	
CODECO	-				
CALINF	-				
VESDEP	-				
COARRI	-				
COPRAR	-				
COSTCO	-				
COSTOR	-				

RECOMMENDED SEGMENT USAGE

Use of the GOR segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT DESCRIPTION	SIZE/TYPE
C R 8323 TRANSPORT MOVEMENT, CODED	an..3
1 Export	
2 Import	
3 Transit	
[4] Relay	
[5] Transhipment	
C R C232 GOVERNMENT ACTION	
C O 9415 Government agency, coded	an..3
1 Agriculture	
2 Ammunition	
3 Commerce	
4 Coastguard	
5 Customs	
6 Food and drugs	
7 Health certificate	
8 Harbour police	
9 Immigration	
10 Live animals	
11 Port authority	
12 Public health	
13 Transportation	
C O 9411 Government involvement, coded	an..3
3 Completed	
4 Not applicable (not required)	
6 Required	

C O	9417	Government action, coded	an..3
		1 Clearance	
		2 Detention	
		3 Fumigation	
		4 Inspection	
		5 Security	
C X	9353	Government procedure, coded	-
C X	C232	GOVERNMENT ACTION	
C X	C232	GOVERNMENT ACTION	
C X	C232	GOVERNMENT ACTION	

SAMPLE SEGMENT USAGE

GOR+1+1:3:1'

NOTES ON RECOMMENDATION JM4/276

RECOMMENDATION JM4/277 - USE OF THE HAN SEGMENT WITHIN THE EQD GROUP	O
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FUNCTION OF THE SEGMENT

The HAN segment at this level is used to specify coded handling details which relate to the piece of transport equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	Group 3 (EQD)	C 9
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the HAN within this group is optional.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT	DESCRIPTION	SIZE/TYPE
C R C524	HANDLING INSTRUCTIONS	
C O 4079	Coded handling instructions <i>Coded handling instructions</i>	an..3
C O 1131	Code list qualifier <i>130 Special Handling Instructions</i>	an..3
C O 3055	Code list responsible agency, coded <i>9 EAN</i> <i>184 Australian Chamber of Shipping (see Recommendation JM4/272)</i>	an..3
C O 4078	Free text handling instructions	an..70
C X C218	HAZARDOUS MATERIAL	

SAMPLE SEGMENT USAGE

HAN+:::HANDLING INSTRUCTIONS'

NOTES ON RECOMMENDATION JM4/277

RECOMMENDATION JM4/278 - USE OF THE PIA SEGMENT WITHIN THE EQD GROUP	O
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FUNCTION OF THE SEGMENT

The PIA segment at this level is used to specify product identification codes which relate to the transport equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	Group 3 (EQD)	C 9
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the PIA segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT DESCRIPTION	SIZE/TYPE
M M 4347 PRODUCT ID. FUNCTION QUALIFIER	an..3
1 Additional identification (HS code)	
5 Product identification	
M D C212 ITEM NUMBER IDENTIFICATION	
M M 7140 Item number	an..35
C R 7143 Item number type, coded	an..3
HS Harmonised system (if 4347 = 1)	
EN EAN	
C X 1131 Code list qualifier	-
C X 3055 Code list responsible agency, coded	-
M D C212 ITEM NUMBER IDENTIFICATION (see below)	
M M 7140 Item number	an..35
C R 7143 Item number type, coded	an..3
C O 1131 Code list qualifier	an..3
C O 3055 Code list responsible agency, coded	an..3
M D C212 ITEM NUMBER IDENTIFICATION (see below)	
M M 7140 Item number	an..35
C R 7143 Item number type, coded	an..3
C O 1131 Code list qualifier	an..3
C O 3055 Code list responsible agency, coded	an..3
M D C212 ITEM NUMBER IDENTIFICATION (see below)	
M M 7140 Item number	an..35
C R 7143 Item number type, coded	an..3
C O 1131 Code list qualifier	an..3
C O 3055 Code list responsible agency, coded	an..3

M	D	C212	ITEM NUMBER IDENTIFICATION (<i>see below</i>)	
M	M	7140	Item number	an..35
C	R	7143	Item number type, coded	an..3
C	O	1131	Code list qualifier	an..3
C	O	3055	Code list responsible agency, coded	an..3

SAMPLE SEGMENT USAGE

PIA+

NOTES ON RECOMMENDATION JM4/278

C212: The 4 extra optional repeats of C212 are intended to cater temporarily for additional identifications, such as barcode numbers for articles or products.

JM4 Recommendation 19 stipulates that the PIA must not be used for marking of packages within an individual transportable unit (i.e. below the smallest level of packaging for transportation purposes).

DAMAGE DETAILS

**RECOMMENDATION JM4/279 - USE OF THE DAM GROUP
WITHIN THE EQD GROUP**

D

FUNCTION OF THE GROUP

The DAM Group at this level is used to specify any details of damage which relate to the transport equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	Group 3 (EQD-DAM)	C 9
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	Group 8 (EQD-DAM)	C 9
CODECO	Group 6 (EQD-DAM)	C 9
CALINF	-	-
VESDEP	-	-
COARRI	Group 4 (EQD-DAM)	C 9
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED GROUP USAGE

Use of the DAM Group within this group is dependent. Whenever details of damage to an item of equipment are to be transmitted it is required otherwise it is not used.

RECOMMENDATION JM4/280 - USE OF THE DAM TRIGGER SEGMENT WITHIN THE DAM GROUP WITHIN THE EQD GROUP	M
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FUNCTION OF THE SEGMENT

This DAM segment is the trigger segment of the DAM Group and is used to specify damage details which relate to the transport equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	Group 3 (EQD-DAM)	M 1
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	Group 8 (EQD-DAM)	M 1
CODECO	Group 6 (EQD-DAM)	M 1
CALINF	-	-
VESDEP	-	-
COARRI	Group 4 (EQD-DAM)	M 1
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the DAM trigger segment within this group is mandatory.

RECOMMENDED SEGMENT DETAIL

MSG	REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M	M	7493	DAMAGE DETAILS QUALIFIER 1 Equipment damage	an..3
C	O	C821	TYPE OF DAMAGE	
C	R	7501	Type of damage, coded (Code as per ISO 9897, Annex D)	an..3
C	X	1131	Code list qualifier	-
C	X	3055	Code list responsible agency, coded	-
C	O	7500	Type of damage (free text)	an..35
C	O	C822	DAMAGE AREA	
C	R	7503	Damage area identification (Code as per ISO 9897, Annex C)	an..4
C	X	1131	Code list qualifier	-
C	X	3055	Code list responsible agency, coded	-
C	O	7502	Damage area (free text)	an..35
C	O	C825	DAMAGE SEVERITY	
C	R	7509	Damage severity, coded (Code as per ISO 9897, Annex G.3)	an..3
C	X	1131	Code list qualifier	-
C	X	3055	Code list responsible agency, coded	-
C	O	7508	Damage severity (free text)	an..35
C	O	C826	ACTION	
C	R	1229	Action request/notification, coded (Code as per ISO 9897, Annex F)	an..3
C	X	1131	Code list qualifier	-
C	X	3055	Code list responsible agency, coded	-
C	O	1228	Action request/notification (free text)	an..35

SAMPLE SEGMENT USAGE

DAM+

NOTES ON RECOMMENDATION JM4/280

7501/7503/7509/1229: Use of ISO 9897 codes is strongly recommended.

**RECOMMENDATION JM4/281 - USE OF THE COD SEGMENT
WITHIN THE DAM GROUP
WITHIN THE EQD GROUP** **O**

FUNCTION OF THE SEGMENT

This COD segment is used to specify component details which relate to the damaged transport equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	Group 3 (EQD-DAM)	C 1
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	Group 8 (EQD-DAM)	C 1
CODECO	Group 6 (EQD-DAM)	C 1
CALINF	-	-
VESDEP	-	-
COARRI	Group 4 (EQD-DAM)	C 1
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the COD segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT	DESCRIPTION	SIZE/TYPE
C O	C823 TYPE OF UNIT/COMPONENT	
C R	7505 Type of unit/component, coded (Code as per ISO 9897, Annex K&L)	an..3
C X	1131 Code list qualifier	-
C X	3055 Code list responsible agency, coded	-
C O	7504 Type of unit/component (free text)	an..35
C O	C823 COMPONENT MATERIAL	
C R	7507 Component material, coded (Code as per ISO 9897, Annex E)	an..3
C X	1131 Code list qualifier	-
C X	3055 Code list responsible agency, coded	-
C O	7506 Component material (free text)	an..35

SAMPLE SEGMENT USAGE

COD+

NOTES ON RECOMMENDATION JM4/281

7505/7507: Use of ISO 9897 codes is strongly recommended.

RECOMMENDATION JM4/282 - USE OF THE TDT GROUP WITHIN THE EQD GROUP	O
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FUNCTION OF THE GROUP

The TDT Group at this level is used to specify transport details which relate to the transport equipment identified in the preceding EQD segment. In the case of the COHAOR, COREOR, COPINO, COPARN and CODECO messages this group can be repeated to specify transport information relating to specific stages (legs) of the transport chain.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	Group 4 (EQD-TDT)	C 1
COHAOR	Group 4 (EQD-TDT)	C 9
COREOR	Group 8 (EQD-TDT)	C 9
COPINO	Group 5 (EQD-TDT)	C 9
COPARN	Group 9 (EQD-TDT)	C 9
CODECO	Group 7 (EQD-TDT)	C 9
CALINF	-	-
VESDEP	-	-
COARRI	Group 5 (EQD-TDT)	C 1
COPRAR	Group 4 (EQD-TDT)	C 1
COSTCO	-	-
COSTOR	-	-

RECOMMENDED GROUP USAGE

Use of the TDT Group within this group is optional.

NOTES ON RECOMMENDATION JM4/282

General: The recommended usage for the TDT is the same at any level in the messages. Different messages will require Main Carriage to be specified at header level or container level, depending on their function. Some messages may not require Main Carriage to be specified at all.

RECOMMENDATION JM4/283 - USE OF THE TDT TRIGGER SEGMENT WITHIN THE TDT GROUP WITHIN THE EQD GROUP	M
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FUNCTION OF THE SEGMENT

This TDT segment is the trigger segment of the TDT Group and is used to specify means of transport details which apply to a specified stage (leg) of the transport chain of the consignment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	Group 4 (EQD-TDT)	M 1
COHAOR	Group 4 (EQD-TDT)	M 1
COREOR	Group 8 (EQD-TDT)	M 1
COPINO	Group 5 (EQD-TDT)	M 1
COPARN	Group 9 (EQD-TDT)	M 1
CODECO	Group 7 (EQD-TDT)	M 1
CALINF	-	-
VESDEP	-	-
COARRI	Group 5 (EQD-TDT)	M 1
COPRAR	Group 4 (EQD-TDT)	M 1
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the TDT trigger segment within this group is mandatory.

RECOMMENDED SEGMENT DETAIL

MSG REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M M	8051	TRANSPORT STAGE QUALIFIER	an..3
		1 Inland Carriage	
		10 Pre-carriage	
		20 Main Carriage	
		30 On-carriage	
C O	8028	CONVEYANCE REFERENCE NUMBER	an..17
		Vessel operator's Voyage Number if main carriage	
		Carrier's number if pre/on-carriage	
C R	C220	MODE OF TRANSPORT	
C R	8067	Mode of transport, coded	an..3
		1 Maritime	
		2 Rail	
		3 Road	
		4 Air	
		8 Inland Water	
C X	8066	Mode of transport (text)	-

C O	C228	TRANSPORT MEANS	
C O	8179	Type of means of transport identification	an..8
		1	<i>Barge chemical tanker</i>
		2	<i>Coaster chemical tanker</i>
		3	<i>Dry bulk carrier</i>
		4	<i>Deep sea chemical tanker</i>
		5	<i>Gas tanker</i>
		9	<i>Exceptional transport</i>
		12	<i>Ship tanker</i>
		21	<i>Rail tanker</i>
		22	<i>Rail silo tanker</i>
		23	<i>Rail bulk car</i>
		25	<i>Rail express</i>
		31	<i>Truck</i>
		33	<i>Road silo tanker</i>
		35	<i>Truck/trailer with tilt</i>
C O	8178	Type of means of transport	an..17
C O	C040	CARRIER	
C O	3127	Carrier identification (coded)	an..17
C O	1131	Code list qualifier	an..3
		172	<i>Carrier Code</i>
C O	3055	Code list responsible agency, coded	an..3
		20	<i>BIC</i>
		87	<i>Assigned by Carrier</i>
		166	<i>US NMFCA (SCAC)</i>
		184	<i>Australian Chamber of Shipping</i>
C O	3128	Carrier name (free text)	
C X	8101	TRANSIT DIRECTION, CODED	-
C X	C401	EXCESS TRANSPORTATION INFORMATION	
C O	C222	TRANSPORT IDENTIFICATION	
C O	8213	Id. of means of transport identification	an..9
			<i>Call Sign (if 8067 = 1 and 1131=103)</i>
			<i>Lloyd's Number (if 8067 = 1 and 1131=146)</i>
			<i>Train ID (if 8067 = 2)</i>
			<i>Truck ID (if 8067 = 3)</i>
			<i>Air service ID (if 8067 = 4)</i>
			<i>Barge ID (if 8067 = 8)</i>
C O	1131	Code list qualifier	an..3
		103	<i>Call Sign Directory (8213 = Call Sign)</i>
		146	<i>Transport ID (8213 <> Call Sign)</i>
C O	3055	Code list responsible agency, coded	an..3
C O	8212	Id. of means of transport	an..35
			<i>Vessel name (or other means of transport ID free text)</i>
C O	8453	Nationality of means of transport, coded	an..3
			<i>Lloyd's flag code or ISO country code</i>
C X	8281	TRANSPORT OWNERSHIP, CODED	-

SAMPLE SEGMENT USAGE

TDT+1+TRIP22+3+31'

NOTES ON RECOMMENDATION JM4/283

- C040:** Normally the use of C040 should suffice to identify a carrier. Use of the NAD segment for detailed name and address information should not be necessary, and is discouraged.
- 8028:** Any additional voyage numbers can be transmitted in the RFF at TDT level, using the code VON (Recommendation JM4/212 refers).
- C222/8212:** Use of free text vessel names is discouraged.
- 8453:** Code set to be agreed between trading partners and defined in Implementation Guidelines.

RECOMMENDATION JM4/284 - USE OF THE RFF SEGMENT WITHIN THE TDT GROUP WITHIN THE EQD GROUP	O
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FUNCTION OF THE SEGMENT

The RFF segment at this level is used to specify references which are related to the stage and means of transport specified in the preceding TDT segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	Group 4 (EQD-TDT)	M 1
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the RFF segment at this level is optional for the COPRAR message. This segment does not occur in the other transport equipment movement messages.

RECOMMENDED SEGMENT DETAIL

MSG REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M	M	C506 REFERENCE	
M	M	1153 Reference qualifier	an..3
		AAY Carrier's agent reference number	
		CN Carrier's reference number	
		CT Contract number	
		CV Container operators reference number	
		[SSX] Ship's Stay Reference	
		ABZ Vehicle License number	
		VT Vehicle Registration number	
		VON Voyage number (Alternative)	
		[VIN] Motor Vehicle Identification Number (VIN number)	
C	R	1154 Reference number	an..35
C	X	1156 Line number	-
C	X	4000 reference version number	-

SAMPLE SEGMENT USAGE

RFF+AAY+12756'

NOTES ON RECOMMENDATION JM4/284

- 1153:** The code VON is only required if a second voyage number is to be transmitted, other than the vessel operator's number which always appears in the TDT.

RECOMMENDATION JM4/285 - USE OF THE LOC SEGMENT WITHIN THE TDT GROUP WITHIN THE EQD GROUP	0
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FUNCTION OF THE SEGMENT

The LOC segment at this level is used to specify locations directly which relate to the stage and means of transport specified in the preceding TDT segment. In all messages except CODECO this segment can be repeated to specify different locations if required.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	Group 4 (EQD-TDT)	C 9
COHAOR	Group 4 (EQD-TDT)	C 9
COREOR	Group 8 (EQD-TDT)	C 9
COPINO	Group 5 (EQD-TDT)	C 9
COPARN	Group 9 (EQD-TDT)	C 9
CODECO	Group 7 (EQD-TDT)	C 1
CALINF	-	-
VESDEP	-	-
COARRI	Group 5 (EQD-TDT)	C 9
COPRAR	Group 4 (EQD-TDT)	C 9
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the LOC segment at this level is optional.

RECOMMENDED SEGMENT DETAIL

MSG	REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M	M	3227	PLACE/LOCATION QUALIFIER	an..3
			[162] Activity Location	
			[163] Place of Destination for Stow Purposes	
			[164] Final Port of Discharge	
			11 Place/port of discharge (Operational port of discharge)	
			13 Place(/port) of transhipment	
			160 Foreign Port of Call	
			33 Baseport of discharge (contractual Port of Discharge)	
			34 Baseport of loading (contractual Port of Loading)	
			5 Place of departure	
			61 Next Port of Call	
			7 Place of delivery	
			8 Place of Destination	
			88 Place of receipt	
			9 Place/port of loading (Operational port of loading)	
			98 Place of empty equipment despatch	
			99 Place of empty equipment return	

C R	C517	LOCATION IDENTIFICATION	
C O	3225	Place/location identification (UN LOCODE/ EAN Location Code/ US Census code)	an..25
C O	1131	Code list qualifier 139 Port	an..3
C O	3055	Code list responsible agency, coded 6 UN/ECE 9 EAN 12 UIC 112 US Census ZZZ Mutually Agreed	an..3
C O	3224	Place/location (free text)	an..17
C O	C519	RELATED LOCATION ONE IDENTIFICATION	
C R	3223	Related place/location one identification (1st related location code)	an..25
C O	1131	Code list qualifier [BER] Berths [WHA] Wharves [TER] Terminals [GAT] Gates [WAR] Warehouses [CNE] Consignee's premises [CNR] Consignor's premises [PAC] Packing/unpacking facilities [STO] Storage facilities [REP] Repair facilities	an..3
C O	3055	Code list responsible agency, coded 9 EAN 184 ACOS ZZZ Mutually Agreed	an..3
C O	3222	Related place/location one (1st related location free text)	an..70
C O	C553	RELATED LOCATION TWO IDENTIFICATION	
C R	3233	Related place/location two identification (2nd related location code)	an..25
C O	1131	Code list qualifier [BER] Berths [WHA] Wharves [TER] Terminals [GAT] Gates [WAR] Warehouses [CNE] Consignee's premises [CNR] Consignor's premises [PAC] Packing/unpacking facilities [STO] Storage facilities [REP] Repair facilities	an..3
C O	3055	Code list responsible agency, coded 9 EAN 184 ACOS ZZZ Mutually Agreed	an..3
C O	3232	Related place/location two (2nd related location free text)	an..70
C X	5479	RELATION, CODED	-

SAMPLE SEGMENT USAGE

LOC+162:USOAK:139:6+TERMINAL:TER:ZZZ+GATE1:GAT:ZZZ'

NOTES ON RECOMMENDATION JM4/285

- 3227:** The locations specified in the Container Messages are Operational, rather than Contractual.
- 3225:** Use of the UN LOCODE is preferred for international maritime carriage.

RECOMMENDATION JM4/286 - USE OF THE DTM SEGMENT WITHIN THE TDT GROUP WITHIN THE EQD GROUP	O
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FUNCTION OF THE SEGMENT

The DTM segment at this level is used to specify dates and times which relate to the to the stage and means of transport specified in the preceding TDT segment. In all messages except CODECO and COEDOR (no DTM segment present) this segment can be repeated to specify different dates and times if required.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	Group 4 (EQD-TDT)	C 9
COREOR	Group 8 (EQD-TDT)	C 9
COPINO	Group 5 (EQD-TDT)	C 9
COPARN	Group 9 (EQD-TDT)	C 9
CODECO	Group 7 (EQD-TDT)	C 1
CALINF	-	-
VESDEP	-	-
COARRI	Group 5 (EQD-TDT)	C 9
COPRAR	Group 4 (EQD-TDT)	C 9
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the DTM segment at this level is optional.

RECOMMENDED SEGMENT DETAIL

MSG	REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M	M	C507	DATE/TIME/PERIOD	
M	M	2005	Date/time/period qualifier	an..3
		7	Effective date	
		132	Arrival date/time, estimated	
		133	Departure date/time, estimated	
		178	Arrival date/time, actual	
		186	Departure date/time, actual	
		203	Execution Date	
		[ACT]	Activity Date	
C	R	2380	Date/time/period (Date/time)	an..35
C	R	2379	Date/time/period format qualifier	an..3
		102	CCYYMMDD	
		203	CCYYMMDDHHMM	
		303	CCYYMMDDHHMMZZZ	
		718	CCYYMMDD-CCYYMMDD	

SAMPLE SEGMENT USAGE

DTM+203:199712241302:203'

NOTES ON RECOMMENDATION JM4/286

General: The present structure of the Container Messages does not permit any DTM to be specified which relates directly to a particular location specified in the preceding LOC segment.

As a result, whilst it may be possible to transmit more than one LOC for a means of transport, it is currently not possible to transmit a DTM for more than one LOC because there is no means of relating DTM to LOC within the current structure.

DMRs have been lodged by ISA to have a DTM added to a group below the TDT level LOC to resolve this problem and to align these messages with other transport messages.

When that has been achieved, usage of the segment should be as per usages of the TDT level DTM agreed for the IFTM messages - the DTM below TDT/LOC will be used and the DTM following the TDT will not be used.

2379: The use of 303 (CCYYMMDDHHMMZZZ) is to be preferred over 203 (CCYYMMDDHHMM) - (General Recommendation JM4/23 refers).

When code 718 is used, the dash (-) is not transmitted in 2380.

RECOMMENDATION JM4/287 - USE OF THE NAD GROUP WITHIN THE EQD GROUP	O
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FUNCTION OF THE GROUP

The NAD Group at EQD level is used to specify parties which are related to an individual piece of transport equipment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	Group 5 (EQD-NAD)	C 9
COREOR	Group 9 (EQD-NAD)	C 9
COPINO	-	-
COPARN	Group 10 (EQD-NAD)	C 9
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	Group 4 (CNI-EQD-NAD)	C 9

RECOMMENDED GROUP USAGE

Use of the NAD Group within this group is optional.

RECOMMENDATION JM4/288 - USE OF THE NAD SEGMENT/ NAD TRIGGER SEGMENT WITHIN THE NAD GROUP WITHIN THE EQD GROUP	O/ M
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FUNCTION OF THE SEGMENT

The NAD segment is used at this level to specify a party which applies to the piece of transport equipment identified in the preceding EQD segment. In the case of the COHAOR, COREOR, COPARN and COSTOR messages this is the trigger segment of the NAD Group at EQD Level.

MESSAGE REQUIREMENTS

CODENO	Group 5 (EQD)	C 9
COEDOR	-	-
COHAOR	Group 5 (EQD-NAD)	M 1
COREOR	Group 9 (EQD-NAD)	M 1
COPINO	Group 5 (EQD)	C 9
COPARN	Group 10 (EQD-NAD)	M 1
CODECO	Group 5 (EQD)	C 9
CALINF	-	-
VESDEP	-	-
COARRI	Group 3 (EQD)	C 1
COPRAR	Group 3 (EQD)	C 1
COSTCO	Group 3 (EQD)	C 9
COSTOR	Group 4 (CNI-EQD-NAD)	M 1

RECOMMENDED SEGMENT USAGE

Use of this NAD segment is mandatory for the COHAOR, COREOR, COPARN and COSTOR (trigger segment of NAD Group), otherwise its use is optional.

RECOMMENDED SEGMENT DETAIL

MSG REC ELEMENT	DESCRIPTION	SIZE/TYPE
M M 3035	PARTY QUALIFIER	an..3
	[10] Lessee's Survey Company	
	[20] Lessor's Survey Company	
	[AG] Agent	
	[FPO] Final Place of Positioning	
	[RY] Repair facility	
	[SLS] Shipping line service	
	AB Buyer's agent/representative	
	AE Declarant's agent/representative	
	BT Party to be billed to	
	CA Carrier	
	CF Container operator/lessee	
	CG Carrier's agent	
	CK Empty equipment despatch party	
	CL Container location party	
	CN Consignee	
	CR Empty equipment return party	
	CZ Consignor	
	EO Owner of equipment	
	FW Freight forwarder	
	GA Road carrier (Road transport operator)	
	GF Slot charter party (Slot operator)	
	GT Rail carrier (Rail transport operator)	
	IO Insurance company	
	IV Invoicee	
	MF Manufacturer of goods	
	MR Message recipient	

		<i>MS</i>	<i>Document/message sender (Message sender)</i>	
		<i>NI</i>	<i>Notify party</i>	
		<i>OY</i>	<i>Ordering customer</i>	
		<i>PK</i>	<i>Contact party</i>	
		<i>PW</i>	<i>Despatch party (Collection Party)</i>	
		<i>SF</i>	<i>Ship from party</i>	
		<i>ST</i>	<i>Ship to party</i>	
C O	C082	PARTY IDENTIFICATION DETAILS		
M M	3039	Party id.	identification (<i>Company Code</i>)	an..35
C O	1131	Code list	qualifier	an..3
		100	<i>Enhanced party ID (for DUNS plus 4 number)</i>	
		160	<i>Party ID (for DUNS, FMC and carrier's codes)</i>	
		172	<i>Carrier Code</i>	
C O	3055	Code list	responsible agency	an..3
		7	<i>CEFIC</i>	
		9	<i>EAN</i>	
		10	<i>ODETTE</i>	
		16	<i>DUNS</i>	
		20	<i>BIC</i>	
		184	<i>ACOS</i>	
		87	<i>Assigned by carrier</i>	
		163	<i>US FMC (US freight forwarders)</i>	
		166	<i>US NMFA (SCAC)</i>	
C O	C058	NAME AND ADDRESS (<i>free format</i>)		
M M	3124	Name and address line	(<i>free text</i>)	an..35
C O	3124	Name and address line	(<i>free text</i>)	an..35
C O	3124	Name and address line	(<i>free text</i>)	an..35
C O	3124	Name and address line	(<i>free text</i>)	an..35
C O	3124	Name and address line	(<i>free text</i>)	an..35
C O	C080	PARTY NAME		
M M	3036	Party name		an..35
C O	3036	Party name		an..35
C O	3036	Party name		an..35
C O	3036	Party name		an..35
C O	3036	Party name		an..35
C X	3045	Party name	format, coded	-
C O	C059	STREET		
M M	3042	Street and number/p.o. box		an..35
C O	3042	Street and number/p.o. box		an..35
C O	3042	Street and number/p.o. box		an..35
C O	3164	CITY NAME		an..35
C O	3229	COUNTRY SUB-ENTITY IDENTIFICATION (<i>State/Province Code</i>)		an..9
C O	3251	POSTCODE IDENTIFICATION (<i>Postcode/Zip Code</i>)		an..9
C O	3207	COUNTY, CODED		an..3

SAMPLE SEGMENT USAGE

NAD+EO+CODE:160:87'

NAD+EO++NAME & ADDRESS'

NAD+EO+++NAME+STREET+CITY+STATE CODE+POSTCODE+COUNTRY CODE'

NOTES ON RECOMMENDATION JM4/288

General: Three different approaches to the presentation of NAD details are allowed for above:

- (a) Coded (C082)
- (b) Unstructured free text (C058)
- (c) Structured free text (C080/C059,3164,3229,3251,3207)

It is suggested that in operational messages, unless there is a strong reason for specifying full contact details, codes should be used whenever possible to identify parties.

The use of free text name and address details is to be discouraged in operational messages.

C058: Only the first repeat of 3124 is Required, if C058 is used.

3035: The code "CA" should only be used when full carrier addresses are required. Normally the use of C040 in the TDT should suffice. "CA" should only be used for an ocean carrier or barge operator.

**RECOMMENDATION JM4/289 - USE OF THE DTM SEGMENT
WITHIN THE NAD GROUP
WITHIN THE EQD GROUP**

X

FUNCTION OF THE SEGMENT

The DTM segment at this level is used to specify dates and times which relate to the to the stage and means of transport specified in the preceding TDT segment.

MESSAGE REQUIREMENTS

CODENO	-	
COEDOR	-	
COHAOR	-	
COREOR	Group 9 (EQD-NAD)	C 1
COPINO	-	
COPARN	Group 10 (EQD-NAD)	C 1
CODECO	-	
CALINF	-	
VESDEP	-	
COARRI	-	
COPRAR	-	
COSTCO	-	
COSTOR	Group 4 (EQD-NAD)	C 9

RECOMMENDED SEGMENT USAGE

The DTM segment within this group is not used.

RECOMMENDATION JM4/290 - USE OF THE CTA SEGMENT WITHIN THE NAD GROUP WITHIN THE EQD GROUP	O
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FUNCTION OF THE SEGMENT

This CTA segment at this level is used to specify details of a contact which relates to the equipment related party identified in the preceding NAD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	Group 5 (EQD-NAD)	C 9
COREOR	Group 9 (EQD-NAD)	C 1
COPINO	-	-
COPARN	Group 10 (EQD-NAD)	C 1
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the CTA segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT</i>	<i>DESCRIPTION</i>	<i>SIZE/TYPE</i>
C R 3139	CONTACT FUNCTION, CODED <i>IC Information Contact</i>	an..3
C O C056	DEPARTMENT OR EMPLOYEE DETAILS	-
C X 3413	Department or employee identification	-
C R 3412	Department or employee (name)	an..35

SAMPLE SEGMENT USAGE

CTA+IC+:FRED BLOGGS'

NOTES ON RECOMMENDATION JM4/290

General: Contacts specified at this level should only relate to transport equipment.

**RECOMMENDATION JM4/291 - USE OF THE COM SEGMENT
WITHIN THE NAD GROUP
WITHIN THE EQD GROUP** **O**

FUNCTION OF THE SEGMENT

The COM segment at this level is used to specify communication numbers of the contact identified in the preceding CTA segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	Group 9 (EQD-NAD)	C 1
COPINO	-	-
COPARN	Group 10 (EQD-NAD)	C 1
CODECO	-	-
CALINF	-	-
VESDEP	-	-
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

Use of the COM segment within this group is optional.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC</i>	<i>ELEMENT</i>	<i>DESCRIPTION</i>	<i>SIZE/TYPE</i>
M	M	C076 COMMUNICATION CONTACT	
M	M	3148 Communication number <i>(no spaces or hyphens)</i>	an..25
M	M	3155 Communication channel qualifier	an..3
		<i>EM</i> <i>Electronic mail</i>	
		<i>FX</i> <i>Telefax</i>	
		<i>TE</i> <i>Telephone</i>	
		<i>TL</i> <i>Telex</i>	
		<i>TT</i> <i>Teletext</i>	
		<i>XF</i> <i>X.400</i>	

SAMPLE SEGMENT USAGE

COM+61292625900:TE'

NOTES ON RECOMMENDATION JM4/291

General: Accepted practice has established that a COM segment should be available as an option in association with CTA in all messages, though this is currently not the case with the container messages.

DMRs are being prepared to have COM inserted in all messages. This is not likely to be available for use before the D97A Directory (April 1997).

Implementation at that time should be as per principles for COM already agreed for the IFTM messages.

Telephone and fax numbers should include the country code.

General Recommendation JM4/16 stipulates that communication numbers are to be transmitted without spaces or hyphens. Telephone and fax numbers should include country codes.

3155: At this point in time DE 3418 is too short to accommodate many X.400 addresses. A DMR has been submitted to correct this problem.

**RECOMMENDATION JM4/292 - USE OF THE QTY GROUP
WITHIN THE EQD GROUP****D*****FUNCTION OF THE GROUP***

The QTY Group at this level is only present in the vessel movement messages (CALINF and VESDEP) where it is used to specify quantities related to the transport equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	Group 3 (EQD-QTY)	C 9
VESDEP	Group 3 (EQD-QTY)	C 9
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED GROUP USAGE

The QTY Group is always used in the CALINF and VESDEP messages.

**RECOMMENDATION JM4/293 - USE OF THE QTY TRIGGER SEGMENT
WITHIN THE QTY GROUP
WITHIN THE EQD GROUP** **M**

FUNCTION OF THE SEGMENT

This QTY segment is the trigger segment of the QTY group within the EQD Group and is used to specify a quantity related to the transport equipment identified in the preceding EQD segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	Group 3 (EQD-QTY)	M 1
VESDEP	Group 3 (EQD-QTY)	M 1
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

The use of the QTY trigger segment within this group is mandatory whenever the group is used.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC ELEMENT</i>	<i>DESCRIPTION</i>	<i>SIZE/TYPE</i>
M M C186	QUANTITY DETAILS	
M M 6063	Quantity qualifier, 'DIS' number of discharge moves 'LOA' number of load moves 'RES' number of restows 'SHI' number of shifters 'HAN' total number of moves	an..3
M R 6060	Quantity (number of moves as qualified)	n..15
C X 6411	Measure unit qualifier	an..3

SAMPLE SEGMENT USAGE

QTY+DIS:100'

NOTES ON RECOMMENDATION JM4/293

RECOMMENDATION JM4/294 - USE OF THE FTX SEGMENT WITHIN THE QTY GROUP WITHIN THE EQD GROUP	X
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FUNCTION OF THE SEGMENT

The FTX segment at this level is used to specify supplementary information which relates to the preceding QTY segment.

MESSAGE REQUIREMENTS

CODENO	-	-
COEDOR	-	-
COHAOR	-	-
COREOR	-	-
COPINO	-	-
COPARN	-	-
CODECO	-	-
CALINF	Group 3 (EQD-QTY)	C 1
VESDEP	Group 3 (EQD-QTY)	C 1
COARRI	-	-
COPRAR	-	-
COSTCO	-	-
COSTOR	-	-

RECOMMENDED SEGMENT USAGE

The FTX segment within this group is not used.

MESSAGE TRAILER

RECOMMENDATION JM4/295 - USE OF THE CNT SEGMENT	M
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FUNCTION OF THE SEGMENT

The CNT is used to provide application control totals for a consignment which can be used for checking the completeness of the message.

MESSAGE REQUIREMENTS

CODENO	Trailer	M 1
COEDOR	Trailer	M 1
COHAOR	Trailer	M 1
COREOR	Trailer	M 1
COPINO	Trailer	M 1
COPARN	Trailer	M 1
CODECO	Trailer	M 1
CALINF	-	-
VESDEP	-	-
COARRI	Trailer	M 1
COPRAR	Trailer	M 1
COSTCO	Trailer	M 1
COSTOR	Trailer	M 1

RECOMMENDED SEGMENT USAGE

Use of the CNT segment is mandatory except in the vessel movement messages (CALINF and VESDEP) in which it does not occur.

RECOMMENDED SEGMENT DETAIL

MSG REC	ELEMENT	DESCRIPTION	SIZE/TYPE
M M	C270	CONTROL	
M M	6069	Control qualifier	an..3
		1 Algebraic total of the quantity values in line items in a message (dummy value see note below)	
		16 Total number of equipment	
M M	6066	Control value (application total)	n..18
		1 Dummy value (if 6069=1)	
C x	6411	Measure unit qualifier	-

SAMPLE SEGMENT USAGE

CNT+1:1'

NOTES ON RECOMMENDATION JM4/295

6069/6066: Because CNT is mandatory in the container messages, a dummy value must be transmitted even though a control total may not be required.

DMRs have been lodged to convert the CNT to Conditional in all messages.

RECOMMENDATION JM4/296 - USE OF THE UNT SEGMENT
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FUNCTION OF THE SEGMENT

The UNT segment is used to end, identify and specify the number of segments in a message

MESSAGE REQUIREMENTS

CODENO	Trailer	M 1
COEDOR	Trailer	M 1
COHAOR	Trailer	M 1
COREOR	Trailer	M 1
COPINO	Trailer	M 1
COPARN	Trailer	M 1
CODECO	Trailer	M 1
CALINF	Trailer	M 1
VESDEP	Trailer	M 1
COARRI	Trailer	M 1
COPRAR	Trailer	M 1
COSTCO	Trailer	M 1
COSTOR	Trailer	M 1

RECOMMENDED SEGMENT USAGE

Use of the UNT segment is mandatory.

RECOMMENDED SEGMENT DETAIL

<i>MSG REC</i>	<i>ELEMENT</i>	<i>DESCRIPTION</i>	<i>SIZE/TYPE</i>
M M	0074	NUMBER OF SEGMENTS IN THE MESSAGE	n..6
M M	0062	MESSAGE REFERENCE NUMBER (<i>Should match 0062 in the UNH</i>)	an..14

SAMPLE SEGMENT USAGE RECOMMENDED SEGMENT DETAIL

UNT+14+2'

Ref: 96_101.v131.doc