

**ECONOMIC COMMISSION FOR EUROPE**

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**INLAND TRANSPORT COMMITTEE**

21 February 2010

Working Party on Customs Questions affecting Transport

**ENGLISH ONLY**

Informal Ad hoc Expert Group on Conceptual and  
Technical aspects of Computerization of the TIR  
Procedure

Seventeenth session

Helsinki, 8-9 March 2010

Item 3 (a) of the provisional agenda

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## REFERENCE MODEL OF THE TIR PROCEDURE

New information and communication technology developments in the TIR system

E9 and IE15 messages comparison

Transmitted by the Government of Finland

### **A. INTRODUCTION**

1. Two major international transit procedures are currently used in the UNECE regions, the NCTS (used for both community and common transit procedures) and the TIR system. In the efforts to computerize the latter it seems relevant to consider the compatibility with the first. On the one hand, even though the NCTS requirements were the source of the second version of the WCO transit data model, in the current third version this compatibility has not been totally ensured. On the other hand, in the framework of the eTIR project, the eTIR messages have been designed on the basis of the WCO transit data model version 3, in particular when it comes to the messages that allow transport operators to submit information to Customs. With that in mind and in order to assess the compatibility of the declaration messages of both systems (IE15 and E9), the table in Annex presents a comparison of the messages.

### **B. FURTHER CONSIDERATIONS**

2. The Expert Group may wish to discuss the comparison of the E9 and IE15 messages and possibly draw conclusions on their compatibility.

Annex

E9 and IE15 messages comparison

E9			IE15	Location		
<b>MESSAGE</b>	<b>Occurrence 1 .. 1</b>					
<i>Message sender identification</i>		R	an..35	Message sender	message	R an..35
<i>Type, coded</i>		R	an..35			
<i>Sub type, coded (restricted E9)</i>		R	an..6	Message type (FITDEC)	message	R an..6
<i>Message reference number</i>		R	an..14	Message identification	message	R an..14
<i>Message function, coded (restricted 4= change, 9= original)</i>		R	n..2	<i>Message function code (4=change, 9= original)</i>	header	R n1
<b>STANDARD WCO TRANSIT DATA</b>	<b>Occurrence 1 .. 1</b>					
<b>MODEL VERSION 3</b>		R				
<b>ADVANCEDCARGOINFORMATION</b>	<b>Occurrence 1 .. 1</b>	R				
<i>Date</i>		R	an..17	Declaration date	header	R n8
<i>Reference</i>		R	an..35	Reference number (LNR)	header	R an..22
<i>Total gross weight</i>		O	an..35	Total gross mass	header	R n..11,3
<b>ADDITIONALINFORMATION</b>	<b>Occurrence 1 .. 1</b>	R				
<i>Remarks</i>		O	an..512			
<i>Heavy and bulky goods indicator (restricted 0=no, 1= yes)</i>		R	n1			
<b>AGENT</b>	<b>Occurrence 0 .. 1</b>	O				
<i>Code</i>		R	an..17			
<i>Role, coded (restricted AE, AG, CB, FW)</i>		R	an..35	<i>Party Qualifier (restricted AF, CN, CZ,GM, DP..)</i>	header/item level	R an..3
<b>AMENDMENT</b>	<b>Occurrence 0 .. unbounded</b>	D				
<i>Amendment code</i>		R	a..3			
<b>POINTER</b>	<b>Occurrence 1 .. unbounded</b>	R				
<i>Sequence number</i>		R	n..5			
<i>Document/message section, coded</i>		R	an..3			
<i>Tag identifier</i>		R	an..4			
<b>SUBCONTRACTOR</b>	<b>Occurrence 0 .. 1</b>	O		<b>(Carrier) Trader</b>	header	
<i>Name</i>		D	an..70	Name	header	R an..35
<i>Code</i>		D	an..17			
<b>ADDRESS</b>	<b>Occurrence 0 .. 1</b>	D				
<i>City name</i>		R	an..35	City	header	R an..35
<i>Country, coded</i>		R	a2	Country code	header	R a2
<i>Street and number/P.O. Box</i>		R	an..70	Street and number	header	R an..35
<i>Postcode identification</i>		R	an..9	Postal code	header	R an..9
<b>CONSIGNMENT</b>	<b>Occurrence 1 .. unbounded</b>	R				
<i>Sequence number</i>		R	n..5			

**ATTACHEDDOCUMENTS***Issuing date**Number**Type, coded***CONSIGNMENTITEM***Sequence number***ADDITIONALINFORMATION***Remarks***GOODS***Description***CLASSIFICATION***Type (restricted HS)**Code***CONSIGNEE***Name**Code***ADDRESS***City name**Country, coded**Street and number/P.O. Box**Postcode identification***CONSIGNOR***Name**Code***ADDRESS***City name**Country, coded**Street and number/P.O. Box**Postcode identification***DELIVERYDESTINATION***Name***ADDRESS***City name*

<b>Occurrence 0 .. unbounded</b>	O		<b>Produced documents/certificates</b>	goods item	D	
	R	an..17	Complement of information	goods item	O	an..26
	R	an..35	Previous document reference	goods item	R	an..35
	R	an..3	Previous document type	goods item	R	an..6
<b>Occurrence 1 .. unbounded</b>	R					
	R	n..5				
<b>Occurrence 0 .. unbounded</b>	O					
	R	an..512				
<b>Occurrence 1 .. 1</b>	R					
	R	an..256	Goods description	goods item	R	an..280
<b>Occurrence 0 .. unbounded</b>	O					
	R	an..3				
	R	an..18	Commodity code	goods item	D	an..22
<b>Occurrence 0 .. 1</b>	O		<b>(Consignee) Trader</b>	header/goods item		
	D	an..70	Name	header/goods item	R	an..35
	D	an..17				
<b>Occurrence 0 .. 1</b>	D					
	R	an..35	City	header/goods item	R	an..35
	R	a2	Country code	header/goods item	R	a2
	R	an..70	Street and number	header/goods item	R	an..35
	R	an..9	Postal code	header/goods item	R	an..9
<b>Occurrence 0 .. 1</b>	O		<b>(Consignor) Trader</b>	header/goods item		
	D	an..70	Name	header/goods item	R	an..35
	D	an..17				
<b>Occurrence 0 .. 1</b>	D					
	R	an..35	City	header/goods item	R	an..35
	R	a2	Country code	header/goods item	R	a2
	R	an..70	Street and number	header/goods item	R	an..35
	R	an..9	Postal code	header/goods item	R	an..9
<b>Occurrence 0 .. 1</b>	O					
	R	an..70				
<b>Occurrence 1 .. 1</b>	R					
	R	an..35				

*Country, coded*  
*Street and number/P.O. Box*  
*Postcode identification*  
**GOODSMEASURE**  
*Gross weight*  
**PACKAGING**  
*Marks and numbers*  
*Number of packages*  
*Type, coded*  
**TRANSPORTEQUIPMENT**  
*Size and type identification*  
*Seal number*  
*Identification*  
**UCR**  
*Identifier*  
**LOADINGLOCATION**  
*Name*  
**NOTIFYPARTY**  
*Name*  
*Code*  
**ADDRESS**  
*City name*  
*Country, coded*  
*Street and number/P.O. Box*  
*Postcode identification*  
**CUSTOMSOFFICEOFDEPARTURE**  
*Code*  
**CUSTOMSOFFICEOFDESTINATION**  
*Code*  
**TRANSPORTMEANS**  
*Identification*  
  
*Type, coded*  
*Nationality*  
  
*Conveyance reference number*  
**COUNTRYOFROUTING**  
*Country, coded*  
**CERTIFICATEOFAPPROVAL**  
*Date*

	R	a2				
	R	an..70				
	R	an..9				
<b>Occurrence 1 .. 1</b>	R					
	R	n..11,3	Gross mass	goods item	O	n..11,3
<b>Occurrence 1 .. 1</b>	R		<b>Packages</b>	goods item		
	O	an..512	Marks & numbers of packages	goods item	D	an..42
	D	n..8	Number of packages	goods item	D	n..5
	R	an..2	Kind of packages	goods item	R	an..3
<b>Occurrence 0 .. 1</b>	D					
	O	an..4				
	R	an..35	Seals identity	goods item	R	an..20
	R	an..17	container number	goods item	R	an..17
<b>Occurrence 0 .. 1</b>	O					
	O		Commercial reference number	header/goods item	D	an..70
<b>Occurrence 0 .. 1</b>	O					
	O	an..256	Agreed/authorised location of goods	header		
<b>Occurrence 0 .. 1</b>	O					
	D	an..70				
	D	an..17				
<b>Occurrence 0 .. 1</b>	D					
	R	an..35				
	R	a2				
	R	an..70				
	R	an..9				
<b>Occurrence 1 .. 1</b>	R		<b>(Departure) Customs Office</b>	header		
	R	an..17	Reference number	header	R	an8
<b>Occurrence 1 .. 1</b>	R		<b>(Destination) Customs Office</b>	header		
	R	an..17	Reference number	header	R	an8
<b>Occurrence 1 .. unbounded</b>	R					
	R	an..25	Identity of means of transport at departure	header	D	an..27
	R	an..4	Inland transport mode	header	O	a2
	R	a2	Nationality of means of transport at departure	header	D	a2
	O	an..17	Conveyance reference number	header	O	an..35
<b>Occurrence 1 .. unbounded</b>	R		<b>Itinerary</b>	header		
	R	a2	Country of routing code	header	R	a2
<b>Occurrence 0 .. 1</b>	D					
	R	an..17				

*Number*  
*Type, coded*  
**GUARANTEE**  
*Reference*  
*Validity*  
**HOLDER**  
*Name*  
*Code*  
**ADDRESS**  
*City name*  
*Country, coded*  
*Street and number/P.O. Box*  
*Postcode identification*

	R	an..35				
	R	an..3				
<b>Occurrence 1 .. 1</b>	R		<b>Guarantee reference</b>			
	R	an..35	Other Guarantee reference (TIR)	goods item	D	an..35
	R	an..17				
<b>Occurrence 1 .. 1</b>	R		<b>(Principal) Trader</b>	header	R	
	O	an..70	Name	header	D	an..35
	R	an..17				
<b>Occurrence 0 .. 1</b>	O					
	R	an..35	City	header	D	an..35
	R	a2	Country code	header	D	a2
	R	an..70	Street and number	header	D	an..35
	R	an..9	Postal code	header	D	an..9

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