



**UNITED
NATIONS**

**Economic Commission
for Europe**



Dematerialization of documents attached to the TIR Carnet

Agenda item 5

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**Informal Ad hoc Expert Group on Conceptual and
Technical Aspects of Computerization of the TIR Procedure
21st session**

25 – 26 September 2012

Outline

- Background
- Options
- New modelling based on WCO data model 3.3
- Next step

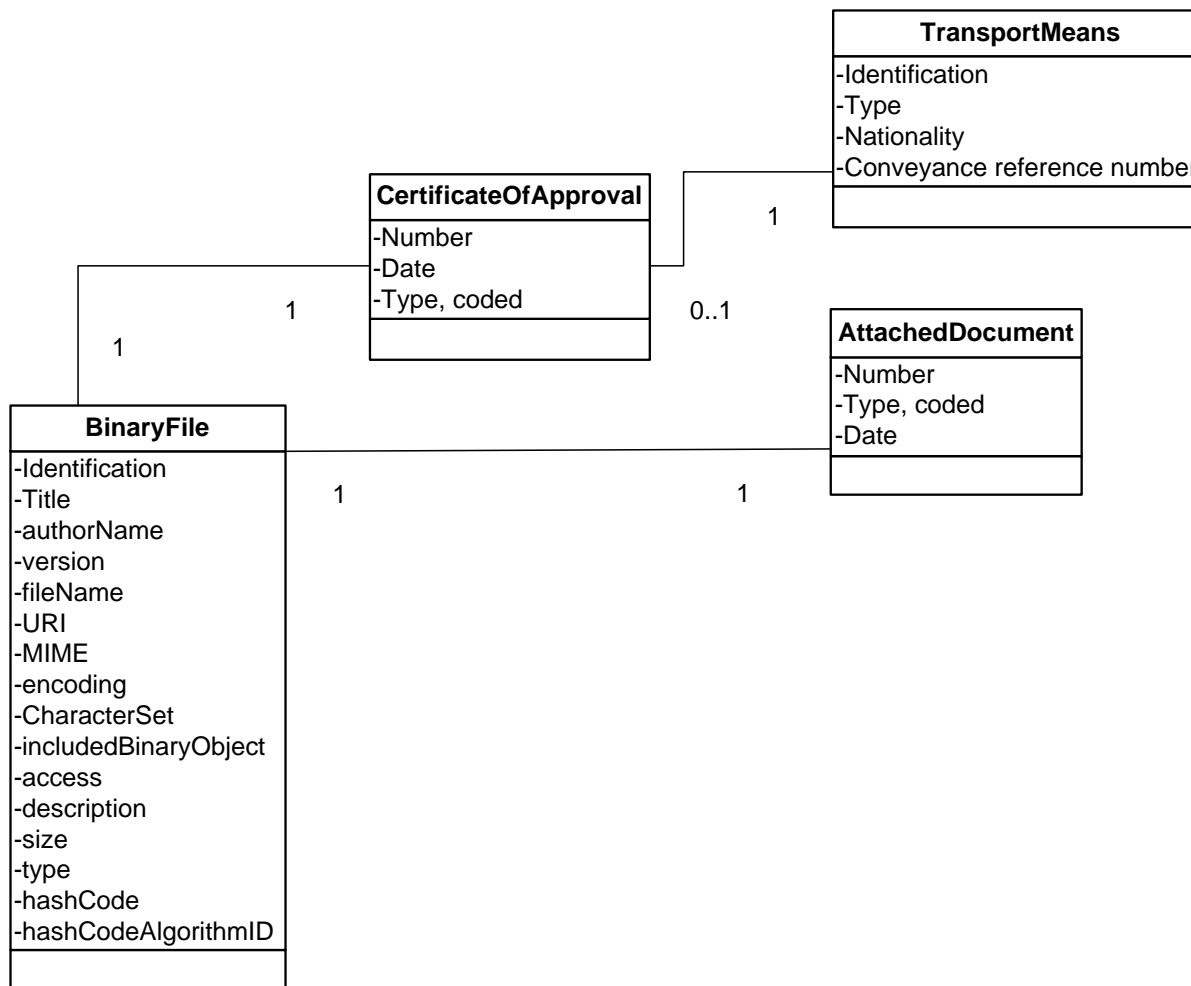
Background

- 18th session : GE.1 stressed the importance of the dematerialization of attached documents in the framework of the computerization of the TIR procedure
- 20th session : GE.1 took note of the final results of the TIR related results of the WCO questionnaire ECE/TRANS/WP.30/GE.1/2011/13 Rev.1 and the complete results of the WCO survey (Informal document GE.1 No.7 (2012))
- The secretariat worked in collaboration with the WCO to improve the WCO DM with regard to attached documents
- Informal document GE.1 No.13 (2012) presents the new “attached documents” and “BinaryFile” classes

Options

- Attached document can be either:
 - scanned documents
 - “machine-readable
- Documents can be included or not in the declaration
- Documents not included in the declaration can be either
 - Stored in a 3rd party database (as information rather than a document)
 - Stored in on the internet (with or without restricted access, on a trusted repository or not)
 - Not made available to Customs
- A hash code can ensure the integrity of the attached document over time

New modelling based on the WCO data model 3.3



BinaryFile class (from CCL)

Attribute	Definition
Identifier	A unique identifier for this binary file
Title	A title, expressed as text, for this binary file
Author Name	An author name, expressed as text, of this binary file
Version	A unique version identifier for this binary file
Name	A file name, expressed as text, of this binary file
URI	A unique Uniform Resource Identifier (URI) for this binary file
MIME, coded	A code specifying the Multipurpose Internet Mail Extensions (MIME) type for this binary file
Encoding, coded	A code specifying the encoding of this binary file
Character Set, coded	A code specifying the character set for this binary
Included Binary Object	An included binary object for this binary file
Access Information	Access information, expressed as text, for this binary file such as security and download parameters
Description	A textual description of this binary file
Size	A measure of the size of this binary file
Type, coded	The code specifying the type of binary file, such as photo, spreadsheet
Hash Code	Hash code of the linked document
Hash Code Algorithm ID, coded	Code indicating the algorithm used to calculate the hash code (e.g. MD5, ..)

Next step

- Include the new structure in the eTIR Reference Model V.4



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