



## 7. Explanatory notes for the usage of the data sets

The United Nations Trade Data Element Directory (UN/TDED) was used as the base for defining data elements. During the data definition phase a number of new data elements were defined added to list of data requirements. The WCO Data Model - Data set is multi-layered document, which contains a complete list of all data elements (requirements), and their definitions. The data set at the highest level consist of up to 15 columns with different headings. A description of the columns and their usage is given below:

- **1<sup>st</sup> column “WCO ID”**  
This column is providing the unique WCO identification number – also called WCO reference number – which is a unique number assigned to each data element entry to allow a unique identification of each entry. Due to the fact that not all required data elements were available in the United Nations Trade Data Element Directory the UN/TDED TAG numbers could not be used.
- **2<sup>nd</sup> column “Name”**  
Indicates the name of the data element
- **3<sup>rd</sup> column “Definition”**  
This column accommodates the description of a data element.
- **4<sup>th</sup> column “Data model classes”**  
Provides a reference to the class or classes in the UMM class diagrams where a data element is used as an attribute.

### Columns 5<sup>th</sup> to 9<sup>th</sup> (heading depends on the Customs procedure)

The heading of these columns are indicating the name of the Customs procedures.

- **10<sup>th</sup> column “Format”**  
This column provides information about the field length and format of a data element in an EDIFACT message. A short explanation entries in use is given below:

Column entries	Meaning of column entries
n3	Fixed length of 3 numerical characters for data element representation.
a3	Fixed length of 3 alphabetic characters for data element representation.
an3	Fixed length of 3 alphanumeric characters for data element representation.
a..3	Up to 3 alphabetic characters can be used for data element representation.
n..3	Up to 3 numeric characters can be used for data element representation.
an..3	Up to 3 alphanumeric characters can be used for data element representation.
n..17,2	Floating delimiter with maximum decimals as defined (e.g. 17 numeric characters in total, whereby two characters can be used to represent decimals).
n8 (CCYYMMDD)	Fixed length of 8 numerical characters which have to be provided in the following order: Century – 2 characters, year – 2 characters, month – 2 characters and day – 2 characters.

- **11<sup>th</sup> column “Code remarks”**  
This column provides information on how to represent a data element in an EDIFACT message. In general a data element can have a coded or uncoded representation. Whenever a code has to be used the recommended code list is indicated in this column. A short



explanation is given below:

Column entries	Meaning of column entries
EDIFACT code	EDIFACT code has to be used to represent the data element.
UN/LOCODE	United Nations Location code has to be used.

- **12<sup>th</sup> column “UID”**  
Provides the unique identifier used in the 2005 edition of the UN/TDED. Consequently this column provides a reference to the corresponding entry in the UN/TDED,
- **13<sup>th</sup> column “Name”**  
Carries the name of the corresponding entry in the 2005 edition of the UNTDED.
- **14<sup>th</sup> column “DEN”**  
This column is a hyperlink to the page for Dictionary Entry Name(DEN). DENs are used for building XML specifications for the WCO Data Model.
- **15<sup>th</sup> column “SAFE”**  
This column provides a hyperlink

The link called “Data Set” on the left of the main page leads to the page that contains links to the multi-layered spreadsheets, which can be downloaded for use. Explanatory notes for each layer have been provided in the spreadsheet.