



United Nations Economic Commission for Europe  
United Nations Centre for Trade Facilitation and Electronic Business  
**UN/CEFACT**

**CCL and TDED**

# **Framework of Core Component Library (CCL), *and* UN Trade Data Element Directory (UNTDED)**



## TOPICS

- Forms and the UN Layout Key (UNLK)
- UNTDED (also ISO 7372)
- Mapping UNTDED to a Form
- Core Component Library (CCL)
- Alignment: CCL and UNTDED



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CCL and TDED

UNCTAD/ASYCUDAWorld		1. Eksportir (naziv, naziv, adres, strana)		ORIGINAL No.	
Manifest		1. DECLARATION		A. OFFICE OF DESTINATION	
Customs Reference C 1 01/02/2008		IM 4		CUO01	
7 Reference number 2008 #1		3 Forms 02/02		Inland Office	
31 Packages and		Marks and numbers - Containers No(s) - Number and kind		32 Item	
				33 Commodity code	

LOGA 3		VZOREC OBRAZCA EUL (osemlistni set)	
EVROPSKA SKUPNOST		1. DEKLARACIJA	
1. Pošilatelj/izvoznik		3. Obrasci	
2. Pošilatelj/izvoznik		4. Nakladnice	
5. Postavke		6. Stevilo tovorov	
7. Opravila števila		8. Preglednik	
9. Odgovori za plačilni promet		10. Prva namembna država	
11. Država trg.		12. Država porekla	
13. Država odpreme/izvoza		14. Namembna država	
15. Država odpreme/izvoza		16. Država odpreme/izvoza	
17. Država odpreme/izvoza		18. Država odpreme/izvoza	
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81. Država odpreme/izvoza		82. Država odpreme/izvoza	
83. Država odpreme/izvoza		84. Država odpreme/izvoza	
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87. Država odpreme/izvoza		88. Država odpreme/izvoza	
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91. Država odpreme/izvoza		92. Država odpreme/izvoza	
93. Država odpreme/izvoza		94. Država odpreme/izvoza	
95. Država odpreme/izvoza		96. Država odpreme/izvoza	
97. Država odpreme/izvoza		98. Država odpreme/izvoza	
99. Država odpreme/izvoza		100. Država odpreme/izvoza	

ASEAN COMMON EFFECTIVE PREFERENTIAL TARIFF/ASEAN INDUSTRIAL COOPERATION SCHEME	
CERTIFICATE OF ORIGIN	
Combined Declaration and Certificate	
FORM D	
THAILAND	
A Country	
See Notes Overleaf	
4. For Official Use	
<input type="checkbox"/> Preferential Treatment Given Under ASEAN Common Effective Preferential Tariff Scheme	
<input type="checkbox"/> Preferential Treatment Given Under ASEAN Industrial Cooperation Scheme	
<input type="checkbox"/> Preferential Treatment Not Given (Please state reason/s)	
Signature of Authorised Signatory of the Importing Country	

5. Item number	6. Marks and numbers on	7. Number and type of packages, description of goods including quantity where appropriate and HS number	8. Origin criterion	9. Gross weight or other	10. Number and date of inv
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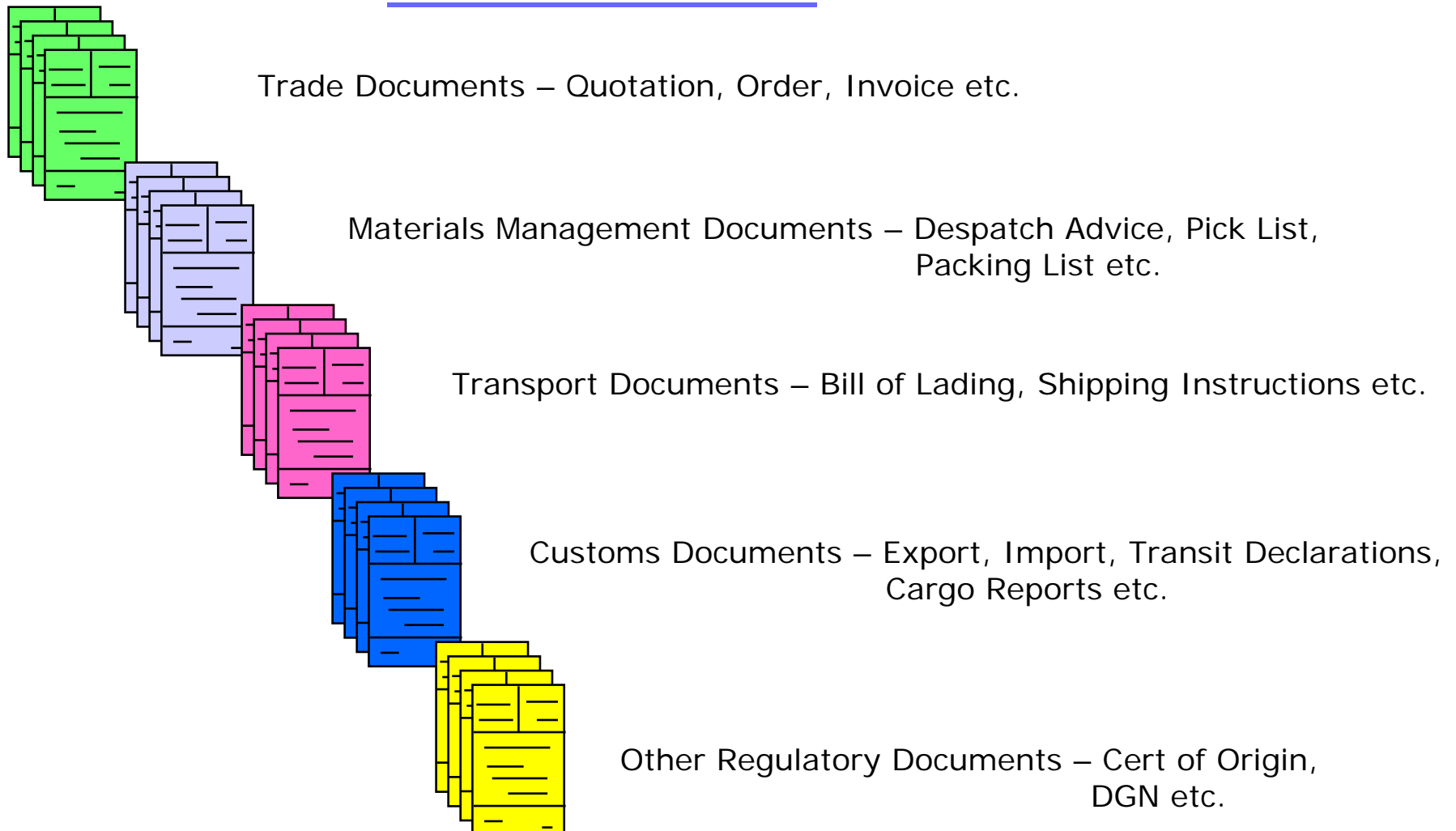
## **UNLK – UN/ECE Rec. 1**

### **The unsung Global Hero**

- First published 1973
- Flexible aligned data presentation which has become the de facto standard for the majority of international trade documents
- Application methodology for defining national, regional and industry specific document layouts
- Foundation for International transport conventions e.g. Maritime B/L (ICS), Airwaybill (IATA), Road CMR (IRU), Rail CIM (UIC) etc.
- Foundation of Customs and other Regulatory Procedures e.g. SAD, Phyto-Sanitary Certificates, Certs of Origin, etc.
- Thousands of document formats based on UNLK across trade, transport, finance, customs, insurance, inspection etc.



## UNLK Form Families







## UNTDDED – ISO 7372

B2		Document. Type Name.Text			
	A	B	C	D	E
1	UID	ISO7372 TDED Name	Definition	TDED repr.	Locations, Bridges
2	1000	Document. Type Name.Text	Free text name of a document such as 352 for Proforma invoice, 380 for Commercial invoice.	an..35	UNLK: L 02, P 45-80 MAR: IMO/FAL 1-7
3	1001	Document. Type.Code	Code specifying the name of a document such as 352 for Proforma invoice, 380 for Commercial invoice.	an..3	UNLK: L 04, P 41-45 CIMP: (120): a1 SAD: (SAD 1(first to third subdivision))
4	1099	Transport Means. Stay.Identifier	Identifier of the stay of a means of transport in a port or airport	an..35	
5	4219	Transport Service. Priority.Code	Code specifying the priority of a transport service.	an..3	CIMP: (704):a1
6	5068	Invoice. Line Item. Amount	Total sum charged with respect to a single line item of an invoice.	n..18	UNLK: L 56, P 63-80
7	5070	Consignment. For Customs Total.Amount	Total amount for customs purposes of all goods in a consignment, whether or not they are subject to the same customs procedure, and have the same tariff/statistical heading, country information and duty regime	n..18	AWB: L 24, P 71-81 CIMP: (509):n..12, or the letters 'NCV'
8	6094	Consolidation. Package.Quantity	Count of the total number of packages in all of the consignments referred to as one consolidation.	n..16	
9	6292	Goods Item. Gross Weight.Measure	Weight (mass) of goods including packaging but excluding the carrier's equipment.	n..14	AWB: L 33-44, P 13-19 CIM: L 28-33, P 63-74 (CIM 26) CIMP: (600):n..7 CMR: L 28-42, P 63-71 (CMR 11) SAD: (SAD 35) UNLK: L 28-52, P 63-74
10					



# CCL and TDED

<b>UID</b>	2280
<b>Name</b>	Transport Means. Actual Departure. Date Time
<b>Definition</b>	Date and or time of the departure of means of transport
<b>Synonym</b>	Flight Date, Sailing Date
<b>Repr.</b>	an..17
<b>Mapping</b>	UNLK: L 17, P 16

10/1992 01992		<b>EXPORT CARGO SHIPPING INSTRUCTIONS</b>	
<b>A</b> Exporter/shipper VAT no.		Booking number	Customer reference
			Exporter's reference
			Forwarder's reference
<b>B</b> Consignee VAT no.		<b>D</b> Other address VAT no.	
<b>C</b> Freight forwarder VAT no.		I warrant this space may be used for other addresses, e.g. Home place of acceptance/delivery, additional ports/parts.	
Other UK export details		Country of origin of goods	Country of final destination
Vessel/light no. and date	Port/port of loading	<b>E</b> If required this space may be used for extra addresses or other information	
Port/port of discharge	Place of delivery	Please insert fee	
Shipping marks container number	Number and kind of packages Description of goods	Item No.	Commodity code
			Quantity 2 Gross weight (kg) Cube (m <sup>3</sup> )
			Procedure Net weight (kg) Value(£)
			Summary declaration/commercial document
			Commodity code
			Quantity 2 Gross weight (kg) Cube (m <sup>3</sup> )
			Procedure Net weight (kg) Value(£)
			Summary declaration/commercial document
			Commodity code
			Quantity 2 Gross weight (kg) Cube (m <sup>3</sup> )
			Procedure Net weight (kg) Value(£)
			Summary declaration/commercial document
			Commodity code
			Quantity 2 Gross weight (kg) Cube (m <sup>3</sup> )
			Summary declaration/commercial document
			Trade Term Invoice price
			Special instructions Total gross wt(kg) Total Cube (m <sup>3</sup> )
Classification of expenditure			
FREIGHT			
Documentation			
Indicate services requested, and to whom charges should be debited by entering A,B,C,D or E			
STATUS			
Make up documents as indicated and dispose of as follows			
No. of bills of lading issued			
Origin Copy			
Use facility Advice that the above particulars are correct and agree to our published Regulations and Conditions, including those at 5. Facility.			
Date			
Signature			

\* DANGEROUS GOODS:  
Refer to IMDG, IATA, UN, GHS and UK regulations.  
Additional restrictions apply to certain classes. Refer to relevant literature.

To →

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## Core Component Harmonization – UN/CEFACT TBG17

### Mission

Responsible for consistency and harmonization of core components **across** business domains and sectors, contributing to a concise and well-defined glossary of business terms, business data semantic definitions, and structuring of data exchanges.





## Cope Component Harmonization team

- Members represent
  - Other Trade domain teams
  - Liaisons
    - AFACT
    - EDIFICE
    - GS1
    - JAI (global automotive)
    - USG
    - WCO
    - X12 (US standards)





## Core Component Library includes

- Supply Chain components
  - Business to Government
    - Cross-Border Regulations
    - Multi-modal Transport
    - Waste Management
    - Sanitary Certificates
    - CITES ePermits
    - electronic Invoice
    - and much more
  - Business to Business
    - Despatches, Quotations, Orders, etc.



# UN/CEFACT

United Nations Centre for Trade Facilitation and Electronic Business

Once approved, we  
assign a **globally** unique ID

Unique ID	Dictionary Entry Name	CC Type	Definition
UN00000010	Address. Details	<b>ACC</b>	The information relevant to a specific address.
UN00000014	Address. Postcode. Code	<b>BCC</b>	The postal code of the address.
UN00000033	Address. Street Name. Text	<b>BCC</b>	A name of a street or thoroughfare.
UN00000013	Address. City Name. Text	<b>BCC</b>	The name of the city, town or village of this address.
UN00000203	Address. Country. Identifier	<b>BCC</b>	A unique identifier of a country, e.g. as specified in ISO 3166 and UNECE Rec 3.
UN00000204	Address. Type. Code	<b>BCC</b>	The type of this address such as business address or home address.



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## CCL and TDED

The top screenshot shows the 'Pub Refs' section with the following data:

Source	Identifier	Version	TDED	Status	Usage Rules	Example	Ref qDT ID
D08A	UN00001764	1.0	1140				

The bottom screenshot shows the 'CCTS' section with the following data:

CCTS type	DictionaryEntryName	ObjectClassTerm	ObjectClassTermQualifier(s)	PropertyTerm	PropertyTermQualifier	RepresentationTerm	BusinessTerm	Definition
BBIE	Supply Chain_ Consignment. Consignor Assigned. Identifier	Consignment	Supply Chain	Consignor Assigned		Identifier		The unique identifier assigned by the consignor to this supply chain consignment.

CCL UID: UN00001764

=  
TDED: 1140

=  
UNLK : an..17 L 06, P 63-80

=  
CCL : Supply Chain\_ Consignment. Consignor Assigned. Identifier

=  
EU SAD : Box 7



ISO and the UN have a Joint project for Alignment of:

- TDED
- Core Component Library
- EDIFACT

Team includes representatives from:

- UN/CEFACT
- ISO TC 154
- WCO

**NEWS:** UNTDED/ISO 7372 MA – Responsible for the TDED

Agreed last week to produce a new version of the TDED

**TBG17 and the TDED MA would welcome you!**





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**CCL and TDED**

