

Reference Map for Cross-border Paperless Trade Processes

(draft as of 22 February 2017)

The reference map for cross-border paperless trade processes defines processes and documents involved in international trade transactions requiring cross-border exchange of data and information. The reference map is intended to be used as a reference in developing pilot projects under the Framework Agreement on Facilitation of Cross-border Paperless Trade in Asia and the Pacific. The reference map defines processes under the broader category of buy, ship and pay and then further down under the four categories of the United Nations Layout Key (UNLK) – namely commercial transaction, transport and related services, official control and payment. Then, the reference map defines subprocesses and documentation involved in each process as well as for which products/services such process is executed.

For each documentation, a separate map is prepared with relevant information and references that would help design cross-border data exchange pilot project(s) at the level of specific process or document.

(1) Overall reference map for Cross-border Paperless Trade Processes

Category		Processes		Products /Services	Documents	
Buy/ Ship/ Pay	UNLK	Cross-border process	Sub process			
Buy	Commercial Transaction	Business Opportunity Finding		Any	Offer, Counter Offer, brochure	
		Contract		Any	Contract, Framework Contract	
		Order and production monitoring		Any	Delivery Forecasting, Order, Proforma Invoice, Dispatch Advice, etc	
		Other commercial measures including trade documentation		Any	Purchase Order, Invoice, Packing List, Bill of Lading Advice, etc	
Ship	Transport and related services	Forwarding and cargo handling	Freight settlement	Any	Freight Charge Invoice	
		transport	Loading port activity		Any	Shipping Schedule, Bay Plan, Stowage Plan, Hatch List, Container Loading List
				Dangerous goods		
			Shipping and cross-border transportation		Any	Master/House Bill of Lading
					Any	AWB(Air Way Bill)
					Any	SWB(Sea Way Bill)
			Entry port activity		Any	(Advance) Manifest
			Transit		Any	Transit Declaration
				Any	Transit Bond (ATA Carnet, RCTG Carnet)	
	Cargo tracking		Any	Cargo status		
Insurance	Insurance	Any	Insurance Policy			
Official Control	Conformity Certifying activity at exporting and importing country	Quarantine		Plants	Phyto-Sanitary Certificate	
					Fumigation Certificate	

				Animals	Veterinary Certificate	
					BSE/TSE Free Certificate	
				Animals, semen and embryo,	Common Veterinary Entry Document	
				Animals, fishery and others	Sanitary Certificate	
				Other food and drugs	Health Certificate	
					Food Certificate	
					Organic Certificate	
					Certificate of Environmental Radioactivity Level	
				Standards and quality control	General	ISO and other international standards and quality certificates
						National standard and quality certificates
					Electronics	(Lab) Test Certificate
						Certificate of Analysis
						Certification of Electrical and Electronic Components, Equipment and Product
					Medical equipment	Certificate for medical devices
		Pharmaceutical product	CPP(Certificate of a Pharmaceutical Product)			
		Chemicals	(Lab) Test Certificate			
			Certificate of Analysis			
			MSDS(Material Safety Data Sheet)			
		HALAL	HALAL Certificate			
		Others	Manufactured goods	Certificate of Manufacture		
Endangered species	CITES Certificate					
Regulatory compliance activity at exporting country (and importing country)	Country of Origin	Goods under non-preferential rate	Certificate of Origin			

				Goods under preferential rate	FTA Certificate of Origin, GSP Certificate of Origin, GSTP Certificate of Origin, Origin Declaration, Back to Back Certificate of Origin, APTA Certificate of Origin		
			Quota	Goods under quota control	VISA		
			Permit	Goods required prior import permit	Import Permit		
			Licensing				
		Crew/Passenger	Crew/Passenger	Crew/Passenger list			
		Customs Export clearance (import clearance)	Import Declaration		Export Declaration		
			AEO		AEO List (Profile)		
			Risk Management		Export Declaration		
		Pay	Payment	Trade financing			Letter of Credit
				Trade settlement	Presentation of trade documents		Letter of Credit, Bill of Lading, Invoice, Packing List, Bill of Exchange and etc

(2) Reference Map for Document(ation)

No.	Document (and related process)	Offer, Counter Offer, brochure (Business Opportunity Finding)	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Buy	
	UNLK	Commercial Transaction	
Processes	Cross-border process	Business Opportunity Finding	
	Sub process		
Products/Services		N/A	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases		Korea - Japan e-MP Project,	
		Private B2B e-Marketplace	Amazon, Alibaba and etc...
Data Elements			
Notes			

No.	Document (and related process)	Contract, Framework Contract	
Issuing party		Buyer or Seller	
Final recipient		Buyer or Seller	
Category	Buy/Ship/Pay	Buy	
	UNLK	Commercial Transaction	
Processes	Cross-border process	Contract	
	Sub process		
Products/Services		N/A	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement		United Nations Convention on the Use of Electronic Communications in International Contracts	
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	Delivery Forecasting, Order, Proforma Invoice, Dispatch Advice, etc	
Issuing party		Buyer, Seller, Manufacturer or agent	
Final recipient		Buyer, Seller, Manufacturer or agent	
Category	Buy/Ship/Pay	Buy	
	UNLK	Commercial Transaction	
Processes	Cross-border process	Order and production monitoring	
	Sub process		
Products/Services		N/A	
Technical Standard for Cross-Border Transactions		UN/EDIFACT, ANSI, ODETTE and etc	
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services		Business data and document exchange to enhance efficiency in production and distribution processes including but not limited to documents for supply chain management	
Project Cases		Private international B2B supply chain transactions	GM, Chrysler, Bosch, Renault and etc.
Data Elements			
Notes			

No.	Document (and related process)	Purchase Order, Invoice, Packing List, Bill of Lading Advice, etc	
Issuing party		Buyer, Seller, Manufacturer or agent	
Final recipient		Buyer, Seller, Manufacturer or agent	
Category	Buy/Ship/Pay	Buy	
	UNLK	Commercial Transaction	
Processes	Cross-border process	Other commercial measures including trade documentation	
	Sub process		
Products/Services		N/A	
Technical Standard for Cross- Border Transactions		UN/EDIFACT, ANSI, ODETTE and etc	
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases		PAA Secure Cross-Border Transaction Service	PAA.net
Data Elements			
Notes			

No.	Document (and related process)	Freight Charge Invoice	
Issuing party		Freight forwarder	
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Transport and Related Services	
Processes	Cross-border process	Forwarding and cargo handling	
	Sub process	Freight settlement	
Products/Services			
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	Shipping Schedule, Bay Plan, Stowage Plan, Hatch List, Container Loading List	
Issuing party		Cross-border Carrier	
Final recipient		Port, CY	
Category	Buy/Ship/Pay	Ship	
	UNLK	Transport and Related Services	
Processes	Cross-border process	transport	
	Sub process	Loading port activity, unloading port activity	
Products/Services		N/A	
Technical Standard for Cross-Border Transactions		UN/EDIFACT, SMDG Baplie message	
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases	IATA e-Freight		http://www.iata.org/whatwedo/cargo/e/efreight/Pages/index.aspx
	Bay Plan Initiative Project (Canada CBSA with US CBP)		http://www.shipfed.ca/data/circular_letter/9553attach3.pdf
Data Elements			
Notes			

No.	Document (and related process)	DGL (Dangerous Goods List)	
Issuing party		Exporter	
Final recipient		Freight Forwarder, Cross-border carrier, Port Authority, CY	
Category	Buy/Ship/Pay	Ship	
	UNLK	Transport and Related Services	
Processes	Cross-border process	transport	
	Sub process	Loading port activity	
Products/Services		Dangerous goods	
Technical Standard for Cross-Border Transactions		IATA Dangerous Goods Regulations (DGR) International Maritime Dangerous (IMDG) Code UN Dangerous Goods List	
International Convention/Agreement		International Convention for the Safety of Life at Sea (SOLAS) and the International Convention for the Prevention of Pollution from Ships (MARPOL 73/78) HNS Convention UN Globally Harmonised System of Classification and Labelling of Chemicals (GHS).	
Bilateral/Regional Agreement			
Scope/Services			
Project Cases		e-DGR	
Data Elements			
Notes			

No.	Document (and related process)	Master/House Bill of Lading	
Issuing party		Freight forwarder, Cross-border carrier	
Final recipient		Buyer	
Category	Buy/Ship/Pay	Ship	
	UNLK	Transport and Related Services	
Processes	Cross-border process	transport	
	Sub process	Shipping and cross-border transportation	
Products/Services		Any	
Technical Standard for Cross-Border Transactions		UN/EDIFACT	
International Convention/Agreement		CMI Rules: "Right of Control and Transfer" (Rule 4) UNCITRAL Model Law on Electronic Commerce: "unique" – Art.17(3) and (4) Rotterdam Rules: "exclusive control" – Art.1(21) and (22) (defines "transfer" and "issuance" which in turn define "holder") "right of control" and "controlling party" – Art.50 and Art.51	

		eUCP: Presentation of electronic records (art e5) (NB notice of completeness art e5(c)) Authentication (art e5(f), art e3(b)(1), art e12)	
Bilateral/Regional Agreement			
Scope/Services			
Project Cases		Bolero Title Registry	
		uTradeHub e-B/L Central Registry	<a href="https://www.utrad
ehub.or.kr/">https://www.utrad ehub.or.kr/
		ESS-Databridge	
Data Elements			
Notes			
No.	Document (and related process)	AWB(Air Way Bill)	
Issuing party		Cross-border carrier	
Final recipient		Buyer	
Category	Buy/Ship/Pay	Ship	
	UNLK	Transport and Related Services	
Processes	Cross-border process	Transport	
	Sub process	Shipping and cross-border transportation	
Products/Services		N/A	
Technical Standard for Cross-		Cargo-IMP, Cargo-XML	

Border Transactions		
International Convention/Agreement	Montreal Convention (MC99), Montreal Protocol (MP4), IATA Resolution 672	
Bilateral/Regional Agreement		
Scope/Services		
Project Cases	PAA e-AWB	www.paa.net
	IATA e-Airway Bill	http://www.iata.org/whatwedo/cargo/e/eawb/Pages/index.aspx
Data Elements		
Notes		

No.	Document (and related process)	SWB(Sea Way Bill)	
Issuing party		Cross-border carrier	
Final recipient		buyer	
Category	Buy/Ship/Pay	Ship	
	UNLK	Transport and Related Services	
Processes	Cross-border process	Transport	
	Sub process	Shipping and cross-border transportation	
Products/Services		N/A	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement		CMI (Committee Maritime International) Uniform Rules for Sea Waybills	
Bilateral/Regional Agreement			
Scope/Services			
Project Cases		Internet Sea Waybill Transmission by Hapag-Lloyd	
Data Elements			
Notes			

No.	Document (and related process)	(Advance) Manifest (Manifest Submission)	
Issuing party		Cross-border carrier, Freight Forwarder	
Final recipient		Port Authority, Customs	
Category	Buy/Ship/Pay	Ship	
	UNLK	Transport and Related Services	
Processes	Cross-border process	Transport	
	Sub process	Entry port activity	
Products/Services		N/A	
Technical Standard for Cross-Border Transactions		WCO SAFE Framework of Standards - World Customs Organization	
International Convention/Agreement		WCO SAFE Framework of Standards - World Customs Organization	
Bilateral/Regional Agreement			
Scope/Services			
Project Cases		USA AMS	http://www.cbp.gov/border-security/ports-entry/cargo-security

	EU ICS	http://ec.europa.eu/ecip/help/faq/ens7_en.htm
	Japan AFR	http://www.naccscenter.com/afr/
Data Elements		
Notes		

No.	Document (and related process)	Transit Declaration	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Transport and Related Services	
Processes	Cross-border process	Transport	
	Sub process	Transit	
Products/Services		N/A	
Technical Standard for Cross-Border Transactions		e-TIR WCO Transit // check// WCO data model	
International Convention/Agreement		TIR Convention (The Convention on International Transport of Goods Under Cover of TIR Carnets)	
Bilateral/Regional Agreement		EAC Single Customs Territory	
		ASEAN Transit //ASEAN ATIGA Agreement for goods in transit	
Scope/Services			
Project Cases		EAC RADDEx 1.0	http://www.compe teafrica.org/Files/R ADDEx_2.0_brief_S ept.2012.pdf
		EAC RADDEx 2.0,	

	EAC SCT (Single Customs Territory)	https://www.trade-markea.com/blog/single-customs-territory/
	COMESA Regional Customs Transit Guarantee (RCTG) system	http://rctg-new.comesa.int/
	SADC Web based Transit Data Transfer Module; TDTM	
	The ASEAN Customs Transit System (ACTS)	A MODERN REGIONAL TRANSIT TRANSPORT SYSTEM: ASEAN CUSTOMS TRANSIT SYSTEM (ACTS) TO ENSURE AEC TRADE FACILITATION
	e-TIR	http://www.unece.org/trans/bcf/etir/welcome.html
	UNDA Project on Customs-to Customs(C2C) electronic information exchange for transit	http://www.unece.org/fileadmin/DAM/trans/doc/themes/UNDAC2C/Flyer

		_UNDA_TIR.pdf
Data Elements		
Notes		

No.	Document (and related process)	Transit Bond (ATA Carnet, RCTG Carnet)	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Transport and Related Services	
Processes	Cross-border process	Transport	
	Sub process	Transit	
Products/Services		N/A	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement		COMESA CARNET (RCTGCARNET)/or COMESA Treaty(COMESA Protocol on Transit Trade and Transit Facilitation, Annex I)	
		ATA Carnet// Istanbul convention	
Scope/Services			

Project Cases	COMESA Regional Customs Transit Guarantee (RCTG) system	http://rctg-new.comesa.int/
Data Elements		
Notes		

No.	Document (and related process)	Cargo status	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Transport and Related Services	
Processes	Cross-border process	Transport	
	Sub process	Cargo tracking	
Products/Services		N/A	
Technical Standard for Cross-Border Transactions		UN/EDIFACT, ANSI, ODETTE and etc	
International Convention/Agreement			
Bilateral/Regional Agreement		Memorandum of Understanding on the Cooperation Mechanism of Northeast Asia Logistics Information Service Network	
Scope/Services			
Project Cases	PAA Cargo Visibility		
	NEAL-NET		http://www.nealnet.org/
Data Elements			

Notes		
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No.	Document (and related process)	Insurance Policy	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Transport and Related Services	
Processes	Cross-border process	Insurance	
	Sub process	Insurance	
Products/Services		N/A	
Technical Standard for Cross-Border Transactions		UN/EDIFACT	
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases		Lloyd's Electronic Cargo Certificates (LECC)	
Data Elements			
Notes			

No.	Document (and related process)	Phyto-Sanitary Certificate	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Quarantine	
Products/Services		Plants	
Technical Standard for Cross-Border Transactions		e-phyto (UN/EDIFACT SPS XML Schema, UN/EDIFACT encryption system, Communication on status of message exchange between NPPOs and etc)	
International Convention/Agreement		IPPC (International Plant Protection Convention)	
Bilateral/Regional Agreement			
Scope/Services			
Project Cases		e-Phyto exchange (ROK-Netherland, China-Netherland, Kenya-Netherland)	
		e-Phyto HuB	

	EU SEED (Systematic Electronic Exchange of Data)	http://www.eu-seed.net/pages/projectinfo.aspx
Data Elements		
Notes		

No.	Document (and related process)	Fumigation Certificate	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Quarantine	
Products/Services		Agricultural product	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	Veterinary Certificate	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Quarantine	
Products/Services		Animals	
Technical Standard for Cross-Border Transactions		UN/EDIFACT eCert	
International Convention/Agreement		OIE	
Bilateral/Regional Agreement			
Scope/Services			
Project Cases		eCert (Australia-Japan) eCert (New Zealand-USA)	
Data Elements			
Notes			

No.	Document (and related process)	BSE/TSE Free Certificate	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Quarantine	
Products/Services		Animals	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	Common Veterinary Entry Document	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Quarantine	
Products/Services		animals, semen and embryo, food, feed and plants	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement		The EU Commission Decision 2004/292/EC	
Scope/Services		Common Veterinary Entry Documents for animals and products entering the European Union	
Project Cases		TRACES (Trade Control and Expert System)	http://ec.europa.eu/food/animal/diseases/traces/index_en.htm
Data Elements			
Notes			

No.	Document (and related process)	Sanitary Certificate	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Quarantine	
Products/Services		Animals, fishery and others	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases		e-Cert (Australia, New Zealand, USA and Canada),	http://www.unecce.org/fileadmin/DAM/trade/security_conf03/docs/brochure%20info.pdf
Data Elements			
Notes			

No.	Document (and related process)	Pharmaceutical Certificate	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Quarantine	
Products/Services		Pharmaceutical drugs	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	Health Certificate	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Quarantine	
Products/Services		Other food and drugs	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	Food Certificate	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Quarantine	
Products/Services		Other food and drugs	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement		CODEX	
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	Organic Certificate	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Quarantine	
Products/Services		Other food and drugs	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	Certificate of Environmental Radioactivity Level	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Quarantine	
Products/Services		Other food and drugs	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	ISO and other international standards and quality certificates	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Standards and quality control	
Products/Services		General	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement		ISO	
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	National standard and quality certificates	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Standards and quality control	
Products/Services		General	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	(Lab) Test Certificate	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Standards and quality control	
Products/Services		Electronics	
Technical Standard for Cross-Border Transactions		IEC NCB	
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	Certificate of Analysis	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Standards and quality control	
Products/Services		Electronics	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	Certification of Electrical and Electronic Components, Equipment and Product	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Standards and quality control	
Products/Services		Electronics	
Technical Standard for Cross- Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	Certificate for medical devices	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Standards and quality control	
Products/Services		Medical equipment	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	CPP(Certificate of a Pharmaceutical Product)	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Standards and quality control	
Products/Services		Pharmaceutical product	
Technical Standard for Cross-Border Transactions		WHO Model certificate of a pharmaceutical product	
International Convention/Agreement		Guidelines on the implementation of the WHO certification scheme on the quality of pharmaceutical products moving in international commerce	
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	(Lab) Test Certificate	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Standards and quality control	
Products/Services		Chemicals	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases		APLAC (ILAC) MRA	https://www.aplac.org/aplac_mra.htm

	APEC TEL MRA	http://www.apec.org/Groups/SOM-Steering-Committee-on-Economic-and-Technical-Cooperation/Working-Groups/Telecommunications-and-Information/APEC_TEL-MRA.aspx
	OECD MAD	http://www.oecd.org/chemicalsafety/testing/mutualacceptanceofdatamad.htm
	IECEE MRA	http://www.iecee.org/cbscheme/pdf/iecee02.pdf
Data Elements		
Notes		

No.	Document (and related process)	Certificate of Analysis	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Standards and quality control	
Products/Services		Chemicals	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases	APLAC (ILAC) MRA		https://www.aplac.org/aplac_mra.html
	APEC TEL MRA		http://www.apec.org/Groups/SOM-Steering-Committee-on-Economic-and-Technical-Cooperation/Workin

		g- Groups/Telecommu nications-and- Information/APEC_T EL-MRA.aspx
	OECD MAD	http://www.oecd.org/chemicalsafety/testing/mutualacceptanceofdatamad.htm
	IECEE MRA	http://www.iecee.org/cbscheme/pdf/iecee02.pdf
Data Elements		
Notes		

No.	Document (and related process)	MSDS(Material Safety Data Sheet)	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Standards and quality control	
Products/Services		Chemicals	
Technical Standard for Cross-Border Transactions		country specific	
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	Halal Certificate	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Standards and quality control	
Products/Services		Halal	
Technical Standard for Cross- Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	Certificate of Manufacture	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Others	
Products/Services			
Technical Standard for Cross- Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	CITES Certificate	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Conformity Certifying activity at exporting country and importing country	
	Sub process	Others	
Products/Services		Endangered species	
Technical Standard for Cross- Border Transactions		The CITES electronic permitting toolkit	
International Convention/Agreement		the Convention on International Trade in Endangered Species of Wild Fauna and Flora	
Bilateral/Regional Agreement			
Scope/Services			
Project Cases		e-CITES	
Data Elements			
Notes			

No.	Document (and related process)	Certificate of Origin	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Regulatory compliance activity at exporting country (and importing country)	
	Sub process	Country of Origin	
Products/Services		Non-preferential goods	
Technical Standard for Cross-Border Transactions		UN/EDIFACT, WCO DM, ICC	
International Convention/Agreement			
Bilateral/Regional Agreement		MOU between Korea and Taiwan	
Scope/Services			
Project Cases		Korea - Taiwan(China) e-C/O	
		ICC CO Verification website	https://certificates.iccwbo.org/
Data Elements			
Notes			

No.	Document (and related process)	FTA Certificate of Origin, GSP Certificate of Origin, GSTP Certificate of Origin, Origin Declaration, Back to Back Certificate of Origin, APTA Certificate of Origin	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Regulatory compliance activity at exporting country (and importing country)	
	Sub process	Country of Origin	
Products/Services		Goods under preferential rate	
Technical Standard for Cross-Border Transactions		UN/EDIFACT, WCO DM	
International Convention/Agreement			
Bilateral/Regional Agreement		ATIGA China – Hong Kong (?) China – Macau (?) China – Taiwan (?) China – Korea FTA	
Scope/Services			
Project Cases		ASEAN NSW ATIGA Form D	http://asw.asean.org/ http://unnex.unescap.org/tools/dhm

		g-annex4-1.pdf
	China - Hong Kong (China) e-C/O	https://www.tid.gov.hk/english/cepa/files/annex3.pdf
	China - Taiwan (China) e-C/O	http://www.e-to-china.com/tariff_changes/Policy_Focus/2014/0401/112114.html
	WAEMU Pilot projects to set up an electronic certificate of origin exchange platform in AFRICA	http://www.gainde2000.sn/2014/en/news-10.php http://www.unece.org/fileadmin/DAM/cefact/cf_plenary/plenary14/ECE_TRADE_C_CEFAC2014_4E_RapporteurAfrique.pdf
Data Elements		
Notes		

No.	Document (and related process)	Import Permit	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Regulatory compliance activity at exporting country (and importing country)	
	Sub process	Permit	
Products/Services			
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases			
Data Elements			
Notes			

No.	Document (and related process)	Crew/Passenger list	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Regulatory compliance activity at exporting country (and importing country)	
	Sub process	Crew/Passenger	
Products/Services		Crew/Passenger	
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases		APIS (Advanced Passenger Information System)	
Data Elements			
Notes			

No.	Document (and related process)	Export Declaration	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Export clearance (and import clearance)	
	Sub process	Import Declaration	
Products/Services			
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases	Asian Region Customs EDI		
	Korea-Philippines		
	EEC //		
	ASW pilot project		
Data Elements			
Notes	Globally Networked Customs (Concept)	http://www.wcoomd.org/en/topics/facilitation/activities-and-programmes/gnc.aspx	

No.	Document (and related process)	AEO List (profile)	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Ship	
	UNLK	Official Control	
Processes	Cross-border process	Export clearance (and import clearance)	
	Sub process	AEO	
Products/Services			
Technical Standard for Cross-Border Transactions			
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases		Malaysia – Japan MRA	
Data Elements			
Notes			

No.	Document (and related process)	Letter of Credit	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Pay	
	UNLK	Payment	
Processes	Cross-border process	Trade financing	
	Sub process		
Products/Services			
Technical Standard for Cross-Border Transactions		UN/EDIFACT SWIFT	
International Convention/Agreement		SWIFT //	
Bilateral/Regional Agreement			
Scope/Services			
Project Cases		uTradeHub trade financing	Utradehub.or.kr
		SWIFT TSU & BPO	Applications for Supply Chain Management, Trade Services Utility 2.0.2, Release Letter http://www.swift.com/assets/corporates/documents/business_areas/trade_case_study_vale_bank_of_tokyo_mitsubishi.pdf

	TradeCard	http://www.gtnexus.com/
Data Elements		
Notes		

No.	Document (and related process)	Letter of Credit, Bill of Lading, Invoice, Packing List, Bill of Exchange and etc	
Issuing party			
Final recipient			
Category	Buy/Ship/Pay	Pay	
	UNLK	Payment	
Processes	Cross-border process	Trade settlement	
	Sub process	Presentation of trade documents	
Products/Services			
Technical Standard for Cross-Border Transactions		UN/EDIFACT	
International Convention/Agreement			
Bilateral/Regional Agreement			
Scope/Services			
Project Cases		Bolero e-L/C	http://www.bolero.net/products
		Bolero e-Presentation	http://www.bolero.net/products/electronic-document-presentation
		TEDI	

	Private online payment tool (PayPal, Alipay)	Paypal.com and Alipay.com
	uTradeHub e-Nego service	https://www.utradehub.or.kr/
	SWIFT TSU & BPO	Applications for Supply Chain Management, Trade Services Utility 2.0.2, Release Letter http://www.swift.com/assets/corporates/documents/business_areas/trade_case_study_vale_bank_of_tokyo_mitsubishi.pdf
	TradeCard	http://www.gtnexus.com/
Data Elements		
Notes		