

5. OCI Composition Rules Table

The Other Customs, Security and Regulatory Control Information (OCI) Composition Rule Table is a technical tool to guide business experts and message providers in the development of the Customs and security solutions e.g. e-CSD etc.

OCI Composition Rule Table was initially developed by IATA and industry experts to include Customs Information and in 2010, the table was updated to include e-CSD information. There were, however, some limitations in the existing OCI Composition Rule Table and it was unable to provide following information:

1. Sequence of e-CSD entries
2. Segregation of Customs & Security Information
3. Business scenarios

Notes:

1. OCI segment allows exchange of customs, security and regulatory information. To facilitate the exchange, each information entry is represented by a specific code which are defined in IATA Code list 1.100 i.e. Customs, Security and Regulatory Control Information Identifiers published in Cargo-XML Toolkit.
2. In both Cargo-XML and C-IMP standards, OCI segment must be repeated for each custom, security and regulatory information entry listed in the Code list 1.100 (except Security Textual Statement (Code: ST) and Dangerous Goods (Code: D) entries) so that each OCI segment holds one such entry.
3. Exceptions:
 - (i) For Security Textual Statement (ST) value, C-IMP only support 35 characters per line and conversion between C-IMP and Cargo-XML must consider this rule. Cargo-XML can contain whole ST in one entry.
 - (ii) For Dangerous Goods (D) value, C-IMP can contain multiple Dangerous Goods identifiers on one line separated by space. However, Cargo-XML can contain only one entry per OCI line.

Upon industry request, IATA and the industry experts reviewed the existing OCI Composition Rule Table. As a result, the OCI Composition Rule Table is enhanced to include the following information:

1. Segregate the Customs and Security Information entries
2. Introduce sequence of the Security Information entries
3. Include more examples to cover different scenarios
4. Add clarification notes where required
5. Include mapping with CSD Layout

The enhanced OCI Composition Rule Table is endorsed by the e-CSDAG, the CDITF, the CXMLTF and the CBPP.

Security Information

e-CSD Entry	ISO Country Code	Information Identifier	Security and Regulatory Control Information Identifier	Supplementary Security and Regulatory Control Information	Explanatory notes on allowed values for the Information Identifier and completion examples. Any Screening Method, Screening Exemption or Security Status codes are to be included in the Supplementary Customs, Security and Regulatory Control Information and not in the Information Identifier.
Mandatory	Mandatory	Mandatory (ISS) OSS can only follow ISS.	Mandatory (RA/RC) Note: RC is equal to ICAO AO.	Text Note: RC code is equal to EU ACC3 code.	<p>Regulated Agent (RA) or Regulated Carrier (RC) issuing the Security Status. CSD Box 1 Regulated Entity Category (KC, RA or AO)</p> <p>Example 1: The Regulated Agent (RA) issuing the security status declaration.</p> <p>e.g. OCI/DE/ISS/RA/00100-01 ///ED/0213</p> <p>DE: Country Code stands for the competent State of designation (that is the same as the State where the site of the operator is placed), in this case Germany. Codes have been assigned using the ISO standards 3166-1 alpha-2)</p> <p>ISS: defines the party issuing the security status</p> <p>RA: defines the status of the operator, RA is regulated Agent, KC is Known Consignor</p> <p>00100-01: identifies the number allocated by the DE appropriate authority to the company, meaning that this is one of (at least) x number of companies that have been listed in the database as Regulated Agent by the DE authority.</p> <p>01: stands for the exact site belonging to the company 00100. The approval as Regulated Agent or Known Consignor is site-specific.</p> <p>ED 0213: This four digits number was initially established to indicate the month/year of expiration of the five years duration of the status as RA or KC for quick information. E.g. 0213 = February 2013. This field is not modifiable anymore and the expiration date is visible while consulting the database by the entity that is receiving a consignment and the accompanying documentation, as this in any case is a specific requirement to be fulfilled. The ED is a mandatory field, in case a country does not assign an ED to the RA then the default ED should be 1299.</p> <p>The possible adoption of the EU standard format identifying RA/KC could represent an example of harmonization and facilitation especially when establishing IT systems for the automation of documents (Consignment Security Declarations, AWBs, etc.).</p> <p>Note: Carrier, Ground Handler, Freight Forwarder and Screening Service Provider could be designed as Regulated Agent.</p> <p>Example 2: The Regulated Carrier RC (e.g. ACC3) issuing the security status declaration. Format is OCI/DE/ISS/RC/Dest Country Dest Airport- Regulated Carrier Name OCI/DE/ISS/RC/NGLOS-LH DE: Country Code of appropriate authority designating ACC3 ISS: defines the party issuing the security status RC: defines the status of operator. In this case, ACC3. NG: Country Code of departure point LOS: Airport code of departure LH: IATA two letter Carrier Code of the Regulated Carrier</p> <p>Note: Expiry Date is not required for ACC3 designation.</p> <p>Note: ACC3 code will be used in the Cargo-XML messages only and C-IMP messages will continue using the RC code</p> <p>Example 3: Regulated Agent (RA) accepting the security status assigned to the consignment by a previous Regulated Agent OCI/GB/ISS/RA/00100-01 ///ED/0213 /GB/OSS/RA/00200-02 ///ED/0213</p> <p>Note: the ED field is optional; in case a country does not assign an expiry date to the RA unique id, then the ED could be 1299; the OSS segment (Receiving Security Status) must always be preceded by ISS segment (Issuing Security Status).</p> <p>CSD Box 14 (Regulated Entity Category (KC, RC or AO) and identifier (of any Regulated Party accepting the security status given to the consignment by another Regulated Party)</p> <p>Example 4: Regulated Agent (RA) accepting the security status assigned to the consignment by a previous Regulated Carrier (RC) OCI/DE/ISS/RC/NGLOS-LH /DE/OSS/RA/00200-02 ///ED/0213</p> <p>Note: If in the users system there are more than one entity issuing the security status declaration (ISS) then the last one is only valid and the others must be considered null and void.</p> <p>Note: ACC3 code will be used in the Cargo-XML messages only and C-IMP messages will continue using the RC code</p>

e-CSD Entry	ISO Country Code	Information Identifier	Security and Regulatory Control Information Identifier	Supplementary Security and Regulatory Control Information	Explanatory notes on allowed values for the Information Identifier and completion examples. Any Screening Method, Screening Exemption or Security Status codes are to be included in the Supplementary Customs, Security and Regulatory Control Information and not in the Information Identifier.
Optional	Not Applicable	Not Applicable	Mandatory (ED)	Date	This entry is composed of a four-digit number to indicate the expiry date of the RA or KC designation. e.g. 0418 = April 2018. This field must follow the Regulated Agent (RA) and Known Consignor Entry (KC). In case the State has not attributed an expiry date to the KC or RA designation, then the default expiry date could be 1299 Example 1: OCI/DE/ISS/RA/00100-01 ///ED/0213
Optional	Not Applicable	Not Applicable	Mandatory (AC)	Text	This entry identifies the Account Consignor reference in case the secure cargo was tendered by an Account Consignor (AC). CSD Box 8 (Received from) . Example 1: OCI/DE/ISS/RA/00100-01 ///ED/0213 ///AC/12345ABCDE Note: AC can only follow Regulated Agent (RA) or Regulated Carrier (RC) entry Condition: If AC applies then Security Status SCO is mandatory.
Optional	Mandatory	Not Applicable	Mandatory (KC)	Text	This entry identifies the Known Consignor reference in case the secure cargo was tendered to the Regulated Agent (RA) or Regulated Carrier (e.g. ACC3) by a Known Consignor (KC). CSD Box 8 (Received from) . Example 1: OCI/DE/ISS/RA/00100-01 ///ED/0213 /DE//KC/00170-01 ///ED/0115 Notes: 1. KC cannot issue the security status and the security declaration. 2. KC can only follow Regulated Agent (RA) or Regulated Carrier (RC) entry. 3. In EU, KC cannot issue e-CSD Condition: If KC (or RA, SM, L) applies then Security Status SPX is mandatory.
Optional	Mandatory	Not Applicable	Mandatory (RA)	Text	This entry identifies the Regulated Agent Reference in case the Cargo was selected autonomously by a Regulated Agent Third Party Logistic Provider autonomously selecting the cargo before it is identifiable as air cargo. In the security declaration layout this entry refers to CSD Box 8 (Received from) The Third Party Logistic Provider is the same entity attributing the security status Example 1: OCI/DE/ISS/RA/00320-33 ///ED/0513 /DE//RA/00320-33 /DE/OSS/RA/00100-01 ///ED0213 Freight Forwarder ID = DE/RA/00100-01/0213 Third Party Logistic Provider ID= DE/RA/00320-33/0513
Optional	Not Applicable	Not Applicable	Mandatory (L)	Screening Exemption Code	This entry identifies codes assigned to certain types of cargo and mail that due to their special nature will be exempted from screening or will be screened with alternative methods. Such exemptions, and the use of alternative security measures, should be limited and clearly defined in a State's national civil aviation security program. IATA defined 4 digits screening exemption codes. CSD Box 10 (Grounds for Exemptions) . SMUS - small undersized shipments MAIL - mail BIOM - bio-medical samples DIPL - diplomatic bags or diplomatic mail LFSM - life-saving materials NUCL - nuclear materials TRNS - transfer or transshipment Example 1: OCI/DE/ISS/RA/00100-01 ///ED/0213 ///L/DIPL Note: Screening exemption codes can only follow the SPH security code assigned to the consignment (e.g. SPX or SCO) and the Regulated Agent (RA) or Regulated Carrier (RC) entry.
Optional	Not Applicable	Not Applicable	Mandatory (SM)	Screening Methods Codes	This entry identifies codes assigned to the application of screening methods and technologies which may be used to commit an act of unlawful interference. IATA defined 3 digits screening codes. CSD Box 9 (Screening Methods) . PHS – Physical Inspection and/or hand search VCK - Visual check XRY- X-ray equipment EDS - Explosive detection system RES - Remote explosive scent tracing explosive detection dogs FRD - Free running explosive detection dogs VPT - Vapor trace PRT - Particle trace MDE - Metal Detection Equipment AOM - Subjected to any other means: this entry should be followed by free text specifying what other mean was used to secure the cargo (CSD Box 11 (Other Screening Methods)) Example 1: OCI/DE/ISS/RA/00100-01 ///ED/0213 ///SM/XRY ///SM/EDS Note: Screening methods codes can only follow the SPH security code assigned to the consignment (e.g. SPX, SHR) and the Regulated Agent (RA) or Regulated Carrier (e.g. ACC3) entry Note: As per the EU legislation (EU 185/2010 art. 6.3.2.7), for the consolidation shipment at the Master Air Waybill level, the electronic messages (FWB/XFWB/FSU/XFSU), need not to include Person Name, Security Status Date Time and Screening Method information Note: If the originator of shipment is Known Consignor, screening method not required. This will be applicable KC -> Airline as well as KC -> RA -> Airline In the above scenarios, screening is only required if there is tempering and shipment is secured again Note: If the originator of shipment is RA, there must be screening method

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Optional	Not Applicable	Not Applicable	Mandatory (SN)	Text	<p>SN is a free text entry identifying the operator issuing the security status (CSD Box 12 (Security Status issued on))</p> <p>Example 1: OCI/DE/ISS/RA/00100-01 ///ED/0213 ///SM/RES ///SN/JOHN SMITH ///SD/05MAR122359</p> <p>Note: SN can only follow the SPH security code assigned to the consignment (e.g. SHR, SPX or SCO) and the Regulated Agent (RA) or Regulated Carrier (RC) entry, one of the reason for issuing the security status (e.g. Known Consignor (KC), Account Consignor (AC), Third Party Logistic Provider (RA), Screening methods (SM) and Screening Exemptions (L)) and the date and time when the security status was issued (SD) (SN refers to CSD BOX 12).</p> <p>Note: As per the EU legislation (EU 185/2010 art. 6.3.2.7),for the consolidation shipment at the Master Air Waybill level, the electronic messages (FWB/XFWB/FSU/XFSU), need not to include Person Name, Security Status Date Time and Screening Method information</p>
Optional	Not Applicable	Not Applicable	Mandatory (SD)	Date	<p>SD is an alphanumeric entry identifying the exact date and time when the security status was issued by the Regulated Agent operator. The format is dmmmyytttt. CSD Box 13 (Security Status issued on)</p> <p>Example 1: OCI/DE/ISS/RA/00100-01 ///ED/0213 ///SM/RES ///SD/05MAR122359</p> <p>Note: SD can only follow the entry SN identifying the person issuing the security status, the SPH security code assigned to the consignment (e.g. SHR, SPX or SCO) and the Regulated Agent (RA) or Regulated Carrier (RC) entry, and one of the reason for issuing the security status (e.g. Known Consignor (KC), Account Consignor (AC), Screening methods (SM) and Screening Exemptions (L)) (CSD Box 13).</p> <p>Note: As per the EU legislation (EU 185/2010 art. 6.3.2.7),for the consolidation shipment at the Master Air Waybill level, the electronic messages (FWB/XFWB/FSU/XFSU), need not to include Person Name, Security Status Date Time and Screening Method information</p>
Mandatory	Not Applicable	Not Applicable	Mandatory (SS)	SPH Code	<p>The SS identifies the Security Status assigned to a consignment (e.g. SPX, SCO, SHR). It is only applicable for the FSA/FSU message. All other messages shall capture this as a SPH code. Only one SS code can be entered. SCO identifies cargo secured following certain standards that it can only be loaded on board of all-cargo and all-mail aircrafts. It can only follow the RA unique ID (e.g. cargo received by an AC)</p> <p>Example 1: OCI/DE/ISS/RA/00100-01 ///ED/0213 ///AC/12345ABCDE ///SN/JOHN SMITH ///SD/05MAR122359 ///SS/SCO</p> <p>SPX identifies cargo secured following certain standards that it can be loaded on board of all-cargo, all-mail and all-passengers aircraft. It can only follow the RA unique ID/ RC entry (e.g. cargo received by a KC and screening methods).</p> <p>Example 2: OCI/DE/ISS/RA/00100-01 ///ED/0212 /DE//KC/001-011 ///ED/0213 ///SN/JOHN SMITH ///SD/05MAR122359 ///SS/SPX</p> <p>Example 2: OCI/DE/ISS/RA/00100-01 ///ED/0213 ///SM/RES ///SN/JOHN SMITH ///SD/05MAR122359 ///SS/SPX</p> <p>SHR identifies cargo secured following appropriate standards for cargo deemed high risk. It can only follow the RA unique ID/ RC entry and at least two screening methods applied to secure the cargo.</p> <p>Example 3: OCI/DE/ISS/RA/00100-01 ///ED/0213 ///SM/RES ///SM/XRY ///SN/JOHNNY WALKER ///SD/05MAR122359 ///SS/SHR</p> <p>Only one SS code can be entered SCO can only follow RA entry SPX can only follow RA/RC entry SHR can only follow RA/RC entry</p> <p>Note: No Electronic or Paper Security Declaration should be issued for unsecure cargo. In case so the SPH code should read NSC that indicates a determination that the cargo needs to be screened and secured before being loaded on board of the aircraft.</p>
Optional	Not Applicable	Not Applicable	Mandatory (ST)	Text	<p>This entry is used to capture any ad hoc security statement required by state regulators. It should follow the RA unique ID entry, the SPH code for assigning the security status and at least one of the reasons why the security status was issued (KC, AC, screening codes or exemptions). CSD Box 15 (Additional Security Information).</p> <p>Example 1: OCI/DE/ISS/RA/00100-01 ///ED/0213 ///ST/THIS MASTER AIR WAYBILL CONTAINS NO ///ST/FREIGHT FROM THAT COUNTRY THAT CONSIST OF ///ST/TONER CARTRIDGE GREATER THAN 550 ///ST/GRAMS TRANSFERRING THIS COUNTRY</p>

Customs Information

Customs Entry	ISO Country Code	Information Identifier	Security and Regulatory Control Information Identifier	Supplementary Security and Regulatory Control Information	Explanatory notes on allowed values for the Information Identifier and completion examples. Any Screening Method, Screening Exemption or Security Status codes are to be included in the Supplementary Customs, Security and Regulatory Control Information and not in the Information Identifier.
	M		E	Text	OCI/GB//E/12345ABCDE
	M	M	A	Text	AGT - agent submitting house details to USA OCI/US/AGT/A/12345678

Customs Entry	ISO Country Code	Information Identifier	Security and Regulatory Control Information Identifier	Supplementary Security and Regulatory Control Information	Explanatory notes on allowed values for the Information Identifier and completion examples. Any Screening Method, Screening Exemption or Security Status codes are to be included in the Supplementary Customs, Security and Regulatory Control Information and not in the Information Identifier.
		M	C	Text	DOC - certificate identifier OCI//DOC/C/12345678
		M	D	Text	DNR – UNID (the FDD message also contains this information and more) OCI//DNR/D/UN1234 UN2345 UN3456 UN4567 UN6789 //DNR/D/UN8901 ID8000 DOC - shippers declaration identifier OCI//DOC/D/12345678
		M	V	Text	DOC - invoice identifier OCI//DOC/V/12345678
		M	I	Text	HWB – house waybill number MAL – mail receptacle number ULD – unit load device identifier If indicating an MRN for a HWB level OCI//IT/IMP/M/07IT9876AB88901235 //HWB/I/XXX12345678 If indicating an MRN for a HWB within a ULD OCI//IT/IMP/M/07IT9876AB88901235 //HWB/I/XXX12345678 //ULD/I/A1A12345XX
	M	M	F	Text	AGT - agent submitting house details to the USA TID - local transfer as destination in the USA OCI//US/TID/F/12345678
	M	M	M	Text	IMP – Customs import EXP – Customs export TRA – Customs transit OCI//IT/IMP/M/07IT9876AB88901235
		M	P	Text	DOC – packing list identifier OCI//DOC/P/12345678
			N	Text	Can only follow an entry identifying a ULD ULD – number of a seal affixed to a unit load device OCI//ULD/I/A1A12345XX //N/1234567890
	M		S	Text	OCI//US/S/SYSTEM DOWN 0000-0030 05MAR10
	M	M	T	Text	AGT - Agent's valid trader identification number can be indicated If in Canada and a third party lodges the declaration to Canada: OCI//CA/AGT/T/8000 DCL - Declarant's (Legal person/entity lodging the declaration) valid trader identification number can be indicated If in the EU the EORI of the declaring lodging the ENS shall be indicated: OCI//GB/DCL/T/GB123456789012 SHP - Consignor's valid trader identification number can be indicated CNE - Consignee's valid trader identification number can be indicated BRK - Broker's valid trader identification number can be indicated AIR - Airline's valid trader identification number can be indicated NFY - Notify party's valid trader identification number can be indicated
	M		U		OCI//KE//U/KE1234567890
	M	M	CP	Text	Example 1: OCI/CN/CNE/CP/Name Example 2: OCI/CN/NFY/CP/Name
	M	M	CT	Text	Example 1: OCI/CN/CNE/CT/Phone# Example 2: OCI/CN/NFY/CT/Phone#

Consignment Security Declaration Layout

Below layout is used when printing a Consignment Security Declaration.



Consignment Security Declaration Layout

Regulated Entity Category (KC, RA or AC) and Identifier (of the regulated party issuing the security status) 1		Unique Consignment Identifier (if AWB format is nnn-nnnnnnnn) 2	
Contents of Consignment 3			
<input type="checkbox"/> Consolidation			
Origin 4	Destination 5	Transfer/Transit points (if known) 6	
Security Status 7	Reasons for issuing the Security Status		
	Received from (codes) 8	Screening Method (codes) 9	Grounds for Exemption (codes) 10
Other Screening Method(s) (if applicable) 11			
Security Status Issued by 12 Name of Person or Employee ID		Security Status Issued on 13 Date (ddmmmyy) Time (HH)	
Regulated Entity Category (KC, RA or AC) and Identifier (of any regulated party who has accepted the security status given to a consignment by another regulated party) 14			
Additional Security Information 15			