UNCTAD
UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT

CUSTOMS RELEASE ORDER
XML MESSAGE DESCRIPTION

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United Nations Conference on Trade and Development – UNCTAD

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Introduction

The United Nations Conference on Trade and Development (UNCTAD) as part of its ASYCUDA Programme has developed applications, which allow the electronic data interchange (EDI) between Customs Administrations and the trade community.
The present document will explain how Customs will notify electronically data related to cargo being released in a XML format.

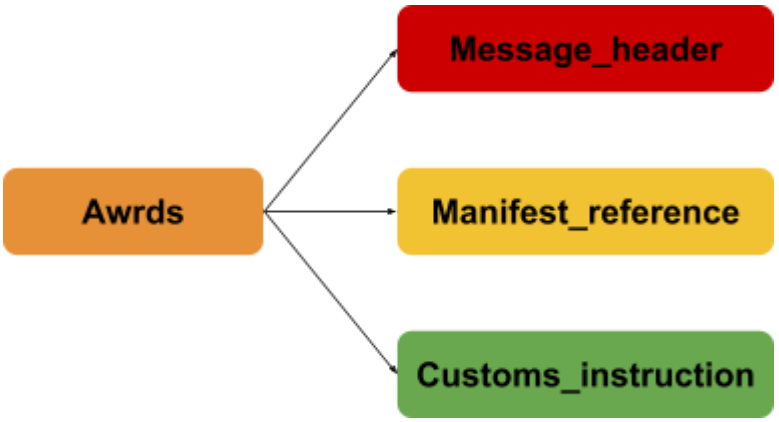
AW XML Customs Release Order Message Format

General Description

The Customs processing and clearance life cycle involves multiple entities, documentation and tasks. Once importers and exporters have satisfied all Customs formalities and regulatory requirements shipments can be granted a release order on importation or exportation.
The ASYCUDA World system is capable of electronically notifying the parties involved in the clearance process to receive communication when a release order has been granted over a shipment. One of the main entities involved in this notification is the custodian of the goods, which in many countries resides on a Port Authority or Terminal Operator.
The AW Customs Release Order message facilitates the communication to cargo custodians by informing them when shipments can be delivered or when it may be necessary to move it to another Customs controlled area such as a Container Examination Station. Any cargo custodian that has its own application or system capable of processing electronic release orders will be informed by Customs when such releases are granted; thus, facilitating internal logistics and control over the cargo while under Customs control.

Release Order Data Stream

The structure of the XML message, named as the Asycuda World Customs Release Order (*Awrds*), consists of three data segments:



1. The message header of the XML message. This segment consist of transactional information of the message file: *<Message_header >*
2. Reference details of the Manifest registered. *<Manifest_reference>*
3. Detailed data for each Customs release order *<Customs_instruction>*. Details of all containers or vehicles (when available) for each Customs release order *<Container_segment>* and or *<Vehicle_segment>*

All the outgoing messages from Asycuda World are composed by the root tag *<Awrds>* and three (3) main segments: *<Message_header>*, *<Manifest_reference>* and *<Customs_instructions>*.

The AW Release Order message contains information related to only one Customs Release granted on a Customs Declaration which may have containerized cargo or not. In such a case, the number of container segments will be equal to the total number of containers declared.

Release Order Data Stream Tag Description

The tables in this section provide information about each Tag required for the Awrds XML message, including the format, their use (optional or mandatory), and tag name.
The format specified for each tag can be one of the following types:

Format	Definition	Examples
INT	Integer number up to 18 digits	1 8758943
N#	Decimal number up to 18 digits including decimal places and point. The number (#) sign should be replaced with the actual length required.	N5 =>10.00 N5 =>4789 N8 =>556.259
AN#	Alphanumeric string.	AN4 =>VA18 AN35 =>JOHN DOE
DATE	Date format yyyy-MM-dd (year-month-day)	2007-12-31
TIME	Time format hh:mm	12:30

SEGMENT: < Message_header >			
TAG NAME	**FORMAT**	**USE**	**DESCRIPTION**
< Issued_by>	AN	Mandatory	User name of the message sender
<Message_type>	INT	Mandatory	Message type code: • 7000 • 7001
<Transaction_id>	INT	Mandatory	Transaction reference number that identifies the transaction.
<Message_date	DATE	Mandatory	Date/Timestamp of the message transaction.

SEGMENT: < Manifest_reference >			
TAG NAME	**FORMAT**	**USE**	**DESCRIPTION**
< Customs_office_code >	AN5	Mandatory	Customs office code where manifest will be submitted
<Voyage_number>	AN17	Mandatory	Voyage or flight number assigned by the carrier
<Date_of_departure>	DATE	Mandatory	Departure or sailing date

<Registration_year>	INT	Mandatory	Manifest registration year (YYYY)
<Registration_number>	INT	Mandatory	Manifest registration number assigned by the system
<Identity_of_transporter>	AN35	Mandatory	Vessel or aircraft identity
<Cargo_reporter_code>	AN17	Mandatory	Cargo reporter code
<Cargo_reporter_name>	AN100	Mandatory	Cargo reporter name

SEGMENT: < Customs_instruction >			
TAG NAME	**FORMAT**	**USE**	**DESCRIPTION**
<Bol_reference>	AN17	Mandatory	Transport document reference number (Bill of Lading no., Airway bill no.)
<SAD_Registration_office>	AN5	Optional	Customs office code where the Declaration was registered.
<SAD_Registration_year>	INT	Optional	Customs Goods Declaration registration year
<SAD_Registration_serial>	AN1	Optional	Serial letter/number assigned to Customs Goods Declaration
<SAD_Registration_number>	INT	Optional	Sequence number assigned to Customs Goods Declaration
<SAD_Registration_barcode>	AN60	Mandatory	The Barcode of the registered Declaration.
<Consignee_name>	AN35	Mandatory	Consignee name
<Total_number_of_packages>	INT	Mandatory	Total number of packages declared and released
<Goods_description>	AN100	Mandatory	Description of goods released (BOL)
<Container_segment>		Optional	The Container segment can appear more than once (see Annex A for segment definition).
<Vehicle_segment>		Optional	The Vehicle segment can appear more than once (see Annex B for segment definition).
<Instruction_code>	AN4	Mandatory	Customs instruction regarding movement of cargo (see Annex B for codes)
<Instruction_description>	AN35	Mandatory	Customs instruction description

Annex A - Container segment details.

This segment is **optional** and occurs once a container is present in the message. Each container is defined in a <*Container*> child segment (∞ means infinite segment). The elements belonging to this <*Container*> segment are described below:

SEGMENT: <Container_segment>			
TAG NAME	**FORMAT**	**USE**	**DESCRIPTION**
<Container>	∞	Mandatory	The container segment includes all containers. Each container can then be defined in its <*Container*> segment. This segment can occur multiple times to represent all the containers in the message. (see Annex A1 for details).

Annex A1 - Container

∞ SEGMENT: <Container>			
TAG NAME	**FORMAT**	**USE**	**DESCRIPTION**
<Container_reference>	AN17	Mandatory	Container identification number. Four letters for container owner, six-digits container serial number and check digit (e.g. OTEU1223808). No spaces or other separators allowed.
<Type_of_container >	AN4	Mandatory	Container size-type code (ISO 6346:1995)
<Seals_segment>		Optional	The seals segment includes all seals. Each seal can be defined in its <*Seals*> segment (see Annex A2 for Seal details.

Annex A2 - Seals_segment

SEGMENT: <Seals_segment>			
TAG NAME	**FORMAT**	**USE**	**DESCRIPTION**
<Seals>	∞	Mandatory	The seals segment includes all seals. Each seal can then be defined in its <*Seals*> segment. This segment can occur multiple times to represent all the seals in the message. (see Annex A2.1 for details).

Annex A2.1 - Seals

∞ SEGMENT: <Seals>			
TAG NAME	**FORMAT**	**USE**	**DESCRIPTION**
<Sealing_party>	AN3	Mandatory	Sealing party (affixing seal) code
<Seal_number >	AN20	Mandatory	Container seal number.

Annex B - Vehicle segment details.

This segment is optional and occurs once a vehicle is present in the message. Each vehicle is defined in a <*Vehicle*> child segment (∞ means infinite segment). The elements belonging to this <*Vehicle*> segment are described below:

SEGMENT: < Vehicle_segment >			
TAG NAME	**FORMAT**	**USE**	**DESCRIPTION**
<Vehicle>	∞	Mandatory	The vehicle segment includes all vehicles. Each vehicle can be defined in its <*Vehicle*> segment. This segment can occur multiple times to represent all the vehicles in the message. (see Annex B1 for details).

Annex B1 - Vehicle

∞ SEGMENT: < Vehicle>			
TAG NAME	**FORMAT**	**USE**	**DESCRIPTION**
<Chassis_number>	AN30	Mandatory	Chassis number or VIN number of vehicle.
<Engine_number >	AN30	Optional	Engine number of the vehicle.
<Brand_code>	AN20	Mandatory	Brand code of the vehicle.
<Model_code>	AN20	Optional	Model code of the vehicle.

Annex C – AW Release Order sample message

```
<?xml version="1.0" encoding="UTF-8"?>
<Awrds>
   <Message_Header>
      <Issued_by>test</Issued_by>
      <Message_Type>7000</Message_Type>
      <Transaction_id>1570637607</Transaction_id>
      <Message_Date>2019-10-09T16:13:07</Message_Date>
   </Message_Header>
   <Manifest_reference>
      <Customs_office_code>BBBBP</Customs_office_code>
      <Voyage_number>AW_DEMO_09</Voyage_number>
      <Date_of_departure>2019-08-20</Date_of_departure>
      <Registration_year>2019</Registration_year>
      <Registration_number>25</Registration_number>
      <Identity_of_transporter>MV_CARIBBEAN</Identity_of_transporter>
      <Cargo_reporter_code>MAEU</Cargo_reporter_code>
      <Cargo_reporter_name>MAERSK LINES, INC.</Cargo_reporter_name>
   </Manifest_reference>
   <Customs_instruction>
      <Bol_reference>BLMVOY1</Bol_reference>
      <SAD_Registration_office>BBBBP</SAD_Registration_office>
      <SAD_Registration_year>2019</SAD_Registration_year>
      <SAD_Registration_serial>C</SAD_Registration_serial>
      <SAD_Registration_number>15</SAD_Registration_number>
      <SAD_Registration_barcode>01111111111112520191200000001</SAD_Registration_barcode>
      <Consignee_name>JOHN DOE</Consignee_name>
      <Total_number_of_packages>100</Total_number_of_packages>
      <Goods_description>GDSM</Goods_description>
      <Container_segment>
         <Container>
            <Container_reference>TRLU1036230</Container_reference>
            <Type_of_container>20FT</Type_of_container>
            <Seals_Segment>
               <Seals>
                  <Sealing_Party>CR</Sealing_Party>
                  <Seal_number>D-277937</Seal_number>
                  <Seal_number>1260525</Seal_number>
               </Seals>
            </Seals_Segment>
         </Container>
         <Container>
            <Container_reference>IPXU1048520</Container_reference>
            <Type_of_container>20GP</Type_of_container>
            <Seals_Segment>
               <Seals>
                  <Sealing_Party>CR</Sealing_Party>
                  <Seal_number>1254878</Seal_number>
                  <Seal_number>3658214</Seal_number>
               </Seals>
            </Seals_Segment>
         </Container>
      </Container_segment>
      <Vehicle_segment>
         <Vehicle>
            <Chassis_number>USCHASSIS7</Chassis_number>
            <Engine_number>ENG1BLMVOY1</Engine_number>
```

```
                <Brand_code>BMW</Brand_code>
                <Model_code>X3</Model_code>
            </Vehicle>
            <Vehicle>
                <Chassis_number>USCHASSIS5</Chassis_number>
                <Engine_number>ENG1BLMVOY2</Engine_number>
                <Brand_code>BMW</Brand_code>
                <Model_code>X3</Model_code>
            </Vehicle>
        </Vehicle_segment>
        <Instruction_code>1B00</Instruction_code>
        <Instruction_description>The cargo examination has been completed and
            the cargo has been RELEASED by CED.</Instruction_description>
    </Customs_instruction>
</Awrds>
```

Annex D – AW Release Order message disposition codes

CODE	NAME	DESCRIPTION
1A00	Entered examination required. Goods are to be moved to Container Strip Zone (CSZ). Cargo consignment is not RELEASED.	Goods entered and held for examination as a result of selectivity processing. An entry has been lodged against the cargo, and it is pending examination by CED. Goods are to be moved to the Container Strip Zone (CSZ). Cargo consignment is not RELEASED.
1B00	The cargo examination at CSZ has been completed and the cargo has been RELEASED by CED.	Generated as a result of clearance processing. The cargo examination at CSZ has been completed and the cargo has been released by CED. Cargo consignment is RELEASED.
1B01	The cargo examination has been completed by CED and is pending examination by OGA: [OGA CODES]. Consignment not RELEASED.	
1C00	This cargo does not require examination by CED. Cargo consignment is RELEASED.	Goods entered and released as a result of selectivity processing. An entry has been lodged against the cargo, and it does not require examination by CED. Cargo consignment is RELEASED.
1C01	This cargo does not require examination by CED. Examination is required at Importer's premises by [OGA CODES] .	
1G00	Examination required at Importer's premises. Cargo is allowed to leave the port. Consignment is not RELEASED .	Goods entered and selected for examination as a result of selectivity processing. An entry has been lodged against the cargo, and it is pending examination by CED. Goods are allowed to leave the port of entry / discharge and are moved to the Importer's premises designated by CSZ. Cargo consignment is not RELEASED.
1G01	Examination required at Importer's premises by Customs and OGA: [OGA CODES]. Cargo is allowed to leave the port. Consignment is not RELEASED.	
1J00	Permission is granted to move cargo to another port of entry/discharge or inland Customs office. Goods have not been Entered and is pending Customs release.	Generated as a result of an in-transit movement of cargo to another port or inland depot. Cargo is allowed to be removed from the port of entry or discharge. Goods have not been entered and cargo is pending release.
1T00	Goods seized by CED	Generated as a result of manual posting by CED indicating that the manifested or partial quantity of the consignment has been seized for violations. Cargo is not RELEASED.
4C00	Examination override	Generated as a result of manual posting by CED selectivity processing: Overrides 1A00 and 1G00. Cargo examination has been overridden. Cargo consignment is

		RELEASED.
4E00	Entry cancelled	Generated as a result of manual posting by CED. Indicates previous entry was withdrawn by the Declarant. Cargo examination is not required and cargo consignment is not RELEASED.

Annex E - AW Message hierarchy