



## JUL – Angola's National Logistics Single Window (Phase 1)

### Integration Control Document

#### Contents

1	Introduction .....	6
1.1	Purpose.....	6
1.2	Document Structure .....	6
1.3	Process Flow.....	7
1.4	Definition of Terms, Acronyms and Abbreviations.....	7

1.5	Intended Audience .....	8
2	Interface Technical Specifications .....	8
3	Technical Requirements .....	9
3.1	Security .....	9
3.2	Reliability .....	9
3.2.1	High Availability .....	9
3.2.2	Disaster Recovery .....	9
4	Get Master Data Details .....	10
4.1	Overview .....	10
4.2	Request and Response Elements .....	10
4.2.1	Request Elements .....	11
4.2.2	Response Elements .....	11
4.2.3	Request and Response Samples .....	12
5	Create DU Certificate .....	12
5.1	Overview .....	12
5.2	Request and Response Elements .....	12
5.2.1	Request Elements .....	12
5.2.2	Response Elements .....	24
5.2.3	Request and Response Samples .....	25
6	Get DU Status .....	25
6.1	Overview .....	25
6.2	Request and Response Elements .....	25
6.2.1	Request Elements .....	26
6.2.2	Response Elements .....	26
6.2.3	Request and Response Samples .....	27
7	Get DU Documents .....	27
7.1	Overview .....	27
7.2	Request and Response Elements .....	27
7.2.1	Request Elements .....	27
7.2.2	Response Elements .....	28
7.2.3	Request and Response Samples .....	28
8	Response Codes and Error Handling .....	29
8.1	Standard HTTP Response Codes .....	29

## DU CERTIFICATE ISSUANCE PROCESS

**Version 3.0**  
**Abu Dhabi Ports**  
**November 14, 2025**

### DOCUMENT CONTROL

Field	Value
<b>Document Title</b>	JUL-AGT Integration Control Document
<b>Author</b>	Gracia Vijayan
<b>Project Name</b>	JUL System Integration with AGT - DU Certificate Process
<b>Document ID</b>	ICD-JUL-AGT-001
<b>Version</b>	1.0
<b>Organization</b>	Abu Dhabi Ports
<b>Date</b>	November 14, 2025
<b>Status</b>	Draft for Review
<b>Classification</b>	Integration between Abu Dhabi Ports and AGT
<b>Prepared By</b>	Abu Dhabi Ports Integration Team
<b>Scope</b>	Integration between JUL and AGT to process the DU Certificate

Key Stakeholders

### Abu Dhabi Ports - JUL System

Role	Name	Email
<b>System Architect</b>	Indranil Majumder	<a href="mailto:indranil.majumder@adports.ae">indranil.majumder@adports.ae</a>
<b>Technical Support</b>	Linoy Pappachan Malakkaran	<a href="mailto:malakkaran.pappachan@adports.ae">malakkaran.pappachan@adports.ae</a>
<b>Project Manager</b>	Diana Milkova Omassi	<a href="mailto:dianamilkova.omassi@adports.ae">dianamilkova.omassi@adports.ae</a>
<b>Business Manager</b>	Avis Muhwerane	<a href="mailto:avis.muhwerane@adports.ae">avis.muhwerane@adports.ae</a>

### AGT - ASYCUDA System

Role	Name	Email
<b>Integration Lead</b>	TBD	
<b>Technical Support</b>	Support Team	
<b>Project Manager</b>	TBD	

Ver.	Date	Name	Role	Summary of Changes
1.0	12/11/2025	Gracia Vijayan	Lead Developer	Initial Version
2.0	16/11/2025	Gracia Vijayan	Lead Developer	Added formats for each field in the request elements
3.0	28/11/2025	Gracia Vijayan	Lead Developer	<ol style="list-style-type: none"> <li>Adding sort attribute to Get Master Data Details API</li> <li>Adding the Technical Requirements</li> </ol>

# 1 Introduction

## 1.1 Purpose

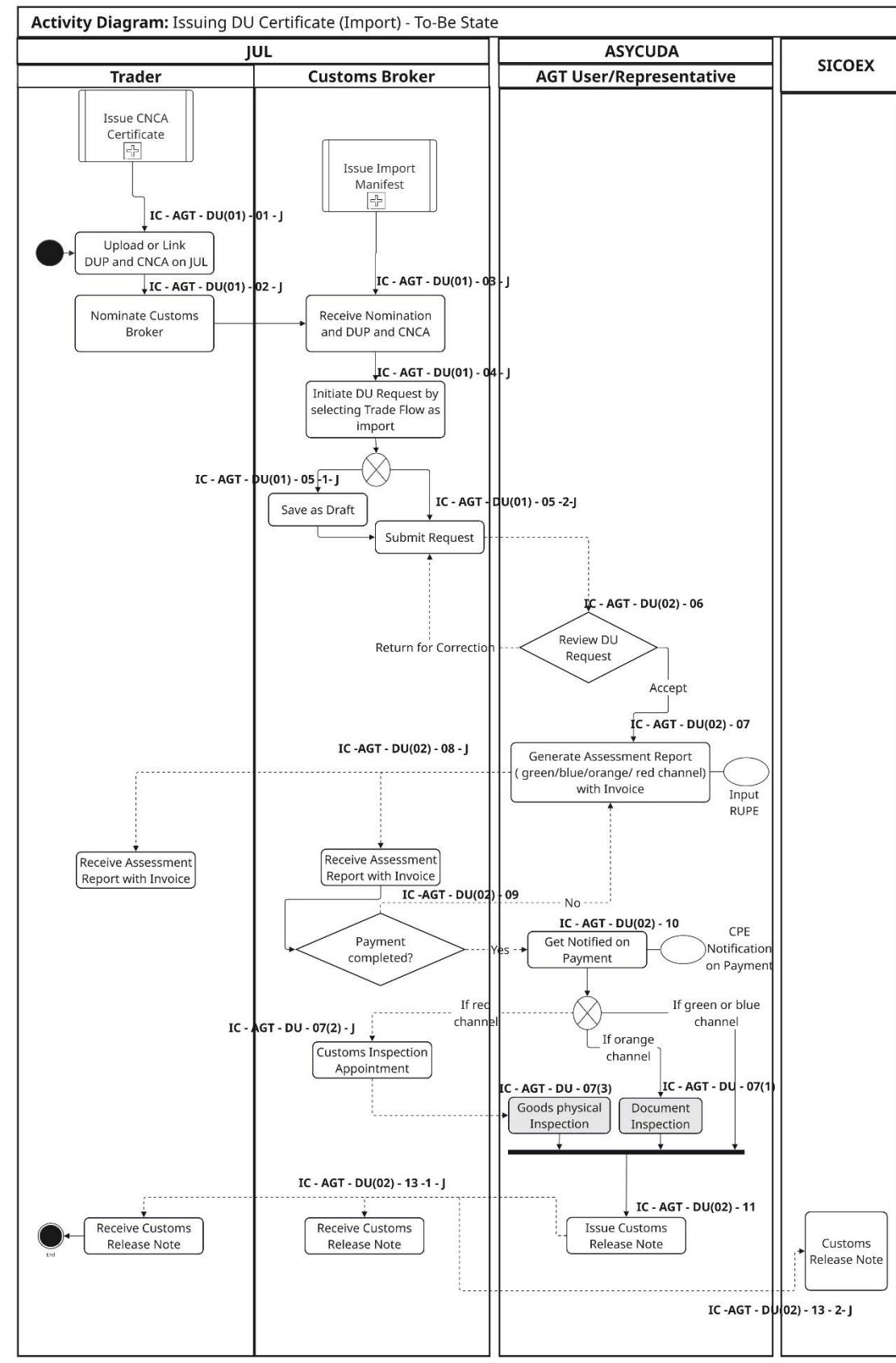
The Documento Único (DU) Certificate serves as the official customs clearance document that consolidates all data from the Customs Declaration into a single, validated record. Its purpose is to provide Customs, banks, and trade stakeholders with a unified reference that confirms the assessment of duties and taxes, the settlement of payments, and the authorization for the release of goods. By integrating commercial, transport, valuation, and payment information, the DU Certificate ensures compliance with customs regulations, facilitates accurate revenue collection, and establishes a secure audit trail for trade monitoring.

Within the Integration Control Document, the DU Certificate functions as the endpoint of the customs declaration process along with supporting API's to fulfill the completion of the declaration process thereby linking the declarant's submission to Customs' validation and the banking system's reconciliation, thereby enabling the lawful clearance of imported goods.

## 1.2 Document Structure

This ICD document contains services specifications that serve both JUL, AGT as well as other entities.

### 1.3 Process Flow



## 1.4 Definition of Terms, Acronyms and Abbreviations

Term	Definition
ASYCUDA	Automated System for Customs Data
DU	Documento Único – Customs Clearance Document
DUP	Documento Único Provisório (Provisional Single Document)
ARCCA	Angolan Cargo and Logistics Certification Regulatory Agency
ICD	Integration Control Document
API	Application Programming Interface

## 1.5 Intended Audience

Sr. No	Group	Definition
1.	AGT	Abu Dhabi Customs
2.	JUL	Advanced Trade & Logistics Platform

## 2 Interface Technical Specifications

S. No	Service Name	Provider	Consumer	Mode of Integration	Description
1.	Get Master Data Details	AGT	JUL	REST	Get All Master Data based on Master Data ID
2.	Create DU Certificate	AGT	JUL	REST	Submit DU Details to AGT to generate DU Certificate
3.	Get DU Certificate Status	AGT	JUL	REST	API to receive the Status of the submitted DU Details
4.	Get DU Documents	AGT	JUL	REST	Get the documents after submission such as Invoice, DU Certificate and Customs Release Note
5.	Upload Documents	AGT	JUL	REST	To upload all the related documents required for submission

## 3 Technical Requirements

### 3.1 Security

The JUL-AGT integration shall use Keycloak as the primary Single Sign-On (SSO) solution for centralized authentication and authorization management. Keycloak provides enterprise-grade identity and access management capabilities, ensuring secure and seamless authentication across both JUL and AGT systems.

### 3.2 Reliability

#### 3.2.1 High Availability

##### System Availability Requirements

- Target uptime percentage (e.g., 99.9%, 99.95%)
- Planned maintenance windows
- Maximum acceptable downtime per month

#### **Redundancy & Failover**

- Component redundancy (servers, databases, message queues)
- Load balancing strategy
- Automatic failover mechanisms and timeframe
- Geographic distribution (if multi-region)

#### **Monitoring & Health Checks**

- Health check endpoints and frequency
- Alerting thresholds and escalation procedures
- Monitoring metrics (CPU, memory, response times)

### **3.2.2 Disaster Recovery**

#### **Recovery Objectives**

- RTO (Recovery Time Objective) - maximum acceptable downtime can be set to the agreed timeout with the client.
- RPO (Recovery Point Objective) - maximum acceptable data loss can be set to the agreed timeout with the client.
- Recovery priority tier for this system

#### **Backup Strategy**

- Backup frequency (hourly, daily, real-time replication)
- Backup retention period
- Backup location (on-site, off-site, cloud)
- Data components covered (databases, files, configurations)

#### **Recovery Procedures**

- DR site location (if applicable)

## **4 Get Master Data Details**

### **4.1 Overview**

<b>Operation Name</b>	GetMasterDataDetails
<b>SOAP URL</b>	TBC
<b>Service Provider</b>	AGT
<b>Consumer</b>	JUL

<b>Business Purpose</b>	To Retrieve Master Data from AGT
<b>Service</b>	REST
<b>Pattern</b>	Synchronous
<b>Security</b>	Basic Authentication

## 4.2 Request and Response Elements

In the following table, all request objects with their details and fields with their respective data types are listed. Each element inside the request is marked as mandatory or optional by a postfix M/O.

### 4.2.1 Request Elements

S. No	Attributes	Data Type - Length	Condition (Mandatory/Optional)	Format	Derivation logic for fields	Example Data
MasterDataDetailsRequest						
1.	MD_ID	string	M	an..3	Code of the lookup field	
2.	FILTER_TEXT	string	O	an..200	text to filter the data	
3.	PARENT_ID	string	O	an..3	Parent Id to link to another lookup if required	
4.	SKIP	string	O	n..10	Page to skip	
5.	TAKE	string	O	n..10	No of items to take	

### 4.2.2 Response Elements

S. No	Attributes	Data Type - Length	Condition (Mandatory/Optional)	Format/Derivation logic for fields	Example Data
MasterDataDetailsResponse					
1.	TOTAL_COUNT	int	M	Total Count of the data retrieved	
2.	ERROR_CODE	int	M	Error Code in case of error	
MasterDataDetails - array					
3.	CODE	string	M	Master Data Code	
4.	DESC_ENG	string	M	Master Data Description in English	
5.	DESC_POR	string	M	Master Data Description in Portugese	

#### 4.2.3 Request and Response Samples



GetMasterDataReq  
onse.json



GetMasterDataResp  
uest.json

## 5 Create DU Certificate

### 5.1 Overview

<b>Operation Name</b>	SubmitDUCertificate
<b>SOAP URL</b>	TBC
<b>Service Provider</b>	AGT
<b>Consumer</b>	JUL
<b>Business Purpose</b>	Submission of the declaration form after successful entry of the details
<b>Service</b>	REST
<b>Pattern</b>	Synchronous
<b>Security</b>	Basic Authentication

### 5.2 Request and Response Elements

In the following table, all request objects with their details and fields with their respective data types are listed. Each element inside the request is marked as mandatory or optional by a postfix M/O.

#### 5.2.1 Request Elements

S. No	Attributes	Data Type - Length	Condition (Mandatory / Optional)	Format	Identifier in ASYCUDA/Format/Derivation logic for fields	Data Example
SHIPMENT_DETS						
1.	SD_DEC_TYP	string	M	an..3	1   Declaration Type such as Import, Export.	IM4, IM7
2.	SD_EXP_COD	string	C	an..17	2   Exporter - code	
3.	SD_EXP_NAM	string	C	an..35	2   Exporter - name	YIWU JIAJIN IMPORT AND EXPORT CO.,LTD
4.	SD_CEN_COD	string	M	an..35	Place of entry	3POLA Del.Ad. do Porto de Luan
5.	SD_CUSTOMS_REF_NO	string	M		unique identifier assigned by Customs to a declaration or transaction.	R 5203 26/10/2020 <u>Move to response</u>

S. No	Attributes	Data Type - Length	Condition (Mandatory / Optional)	Format	Identifier in ASYCUDA/Format/Derivation logic for fields	Data Example
6.	SD_MANIFEST_NO	string	M		Manifest Number	2020 1494
7.	SD_CB_REG_NO	string	M	an..35	7   Customs's Broker Registration No	2020 A1908
8.	SD_CONSIGNEE_NO	int	M	an..17	8   Consignee Number	
9.	SD_CONSIGNEE_DESC	string	M	an..35	8   Consignee Name  KIDY MOCHI - PRESTACAO DE SERVICOS, LDA RUA DA COR CASA N 25 ESTALAGEM VIANA	
10.	SD_DECLARANT_NO	int	M	an..17	14   Customs Broker Number	01346
11.	SD_DECLARANT_DESC	string	M	an..35	14   Customs Broker Name  JOÃO MIGUEL JOSÉ Av. 4 de Fevereiro n.º 31 Luanda	
12.	SD_EX_COUNT_DESC	string	M	an..35	15   Country of Export Name – The Last country physically shipped from	China
13.	SD_EX_COUNT_CODE	string	M	a2	15   Country of Export Code(C.E) - The Last country physically shipped from	CN
14.	SD_ORGN_COUNT_DESC	string	M	an..35	16   Country of Origin Name – Goods Manufactured	China
15.	SD_ORGN_COUNT_CODE	string	M	a2	16   Country Of Origin Code - Goods Manufactured	CN
16.	SD_TRD_COUNT_CODE	string	M	a2	11   (Trading)Country of Trade - <i>Country involved in the trade transaction — either the country of export (origin) or the country of import (destination).</i>	CN
17.	SD_LAST_COUNT_CODE	string	M	a2	Country of last consignment Example: • <i>Goods produced in China, shipped to Portugal, then re-exported to Angola.</i> • <i>Country of origin = China</i>	CN

S. No	Attributes	Data Type - Length	Condition (Mandatory / Optional)	Format	Identifier in ASYCUDA/Format/Derivation logic for fields	Data Example
					<ul style="list-style-type: none"> <li>• Cty.s last (Country of last consignment) = Portugal</li> </ul>	
18.	SD_DEST_COUNTRY	string	M	an..35	17   Country of Destination	Angola
19.	SD_DEST_CN_CODE	string	M	a2	17   Country of Destination – Code	AO
20.	SD_IS_CONTAINERIZED	string(1)	M	n1	19   Ctr. - goods being declared are transported in a container or not. (Y/N)	Y
21.	SD_INCOTERMS	string	M	an..3	20   Delivery Terms	CIF
22.	SD_MOT_NAME_ENTRY	string	M	an..35	18   Identity and nationality of means of transport at arrival - specific name or registration number of the vessel	APLSANTIAGO
23.	SD_MOT_CODE_ENTRY	string	M	a2	18   Identity and nationality of means of transport at arrival - specific name or registration number of the vessel	SG
24.	SD_TRANSPORT_MODE	int	M	n..1	25   Mode Transport (at border)	1
25.	SD_INLAND_MODE	int	C	n..1	26   Inland mode (Transport)	1
26.	SD_POD_CODE	string	M	an..17	27   Place of Discharge - Code	AOLAD
27.	SD_POD_NAME	string	M	an..17	27   Place of Discharge - Name	Luanda
28.	SD_OFFICE_OF_ENTRY	string	M	an..17	29   Office of Entry	3POLA Del.Ad. do Porto de Luan
29.	SD_GOODS_LOC	string	M	an..17	30   Location of goods - exact place where the goods are physically stored at the time of customs clearance.	3DT303
30.	SD_MOT_NAME_EXIT	string	M	an..17	21   Identity and nationality of active	APLSANTIAGO

S. No	Attributes	Data Type - Length	Condition (Mandatory / Optional)	Format	Identifier in ASYCUDA/Format/Derivation logic for fields	Data Example
					means of transport crossing the border - <i>transport vehicle that physically crosses the customs border carrying the goods.</i>	
31.	SD_MOT_CODE_EXIT	string	M	a2	21   Identity and nationality of active means of transport crossing the border <i>transport vehicle that physically crosses the customs border carrying the goods.</i>	SG
32.	SD_INV_AMT	decimal	M	n..15,2	22   Currency & total amount invoiced - <i>Amount</i>	10.489,00
33.	SD_INV_CURR	string	M	a3	22   Currency & total amount involved – <i>Currency Code</i>	USD
34.	SD_EX_RATE	decimal	M	n..12,6	23   Exchange Rate	653,325
35.	SD_NAT_OF_TRANS	int	M	n..2	24   Nature of Transaction -	1   1
36.	SD_FIN_BANK_CODE	string	O	an..11	28   Financial and banking data – Bank Code	BFA
37.	SD_FIN_BANK_NAME	string	O	an..35	28   Financial and banking data – Bank Name	Banco de Fomento Angola, S.A.
38.	SD_FIN_CUST_OFF_CODE	int	O	n..5	28   Financial and banking data – code and name of the customs office handling the financial transaction	541
39.	SD_FIN_CUST_OFF_NAME	string	O	an..35	28   Financial and banking data – code and name of the customs office handling the financial transaction	ALFANDEGA DE LUANDA
40.	SD_FIN_TOP_CODE	string	O	a2	28   Financial and banking data – Terms of Payment Code	RD
41.	SD_FIN_TOP_NAME	string	O	an..35	28   Financial and banking data – Terms of Payment Name	Remessa Documentária
COMM_DETS - ARRAY						

S. No	Attributes	Data Type - Length	Condition (Mandatory / Optional)	Format	Identifier in ASYCUDA/Format/Derivation logic for fields	Data Example
42.	CD_ITEM_NO	int	M	n..3	32   item No	1
43.	CD_MARKS_NOS	string	M	an..512	31   Packages and Description of goods – Marks and Nos	1CONTENTOR 1X40 COM 617 VOLUMES
44.	CD_NBR_KIND	string	M		31   Packages and Description of goods – Nbr and Kind	617 PK Volumes n.e.
45.	CD_CNTR_NO	string	M		31   Packages and Description of goods – Container No	FOGÕES DE SALA A COMBUSTIVEIS GASOSOS, OU A GÁS
46.	CD_COMM_CODE	int	M	n..8-10	33   Commodity Code	73211100 00
47.	CD_COO_CODE	string	M	a2	34   Cty. orig. Code	CN
48.	CD_GROSS_WT	decimal	M	n..15,3	35   Gross mass (kg)	13.100,000
49.	CD_NT_WT	decimal	M	n..15,3	38   Net mass (kg)	13.100,000
50.	CD_EXM_CODE	int	O	n..3	36   Preference - the code that indicates whether the goods qualify for preferential tariff treatment or not.	0,300
51.	CD_QUOTA	string	O	an..6-10	39   Quota - the reference number for goods imported/exported under a tariff quota or preferential quota arrangement. If no quota applies, it remains blank or zero.	0 or Blank
52.	CD_PROC_CODE	int	M	an..4	37   Main Procedure Code - the customs procedure code that defines the legal and fiscal treatment of the goods.	4000
53.	CD_PROC_SUB_CODE	int	M		37   Additional Procedure Code - special conditions, exemptions, or national variations.	00
54.	CD_PREV_DECL	string	O	an..70	40   Summary Declaration / Previous Document – For Import declarations this field will be the BL Ref number of the registered manifest number. The reference number of earlier	NBST433547

S. No	Attributes	Data Type - Length	Condition (Mandatory / Optional)	Format	Identifier in ASYCUDA/Format/Derivation logic for fields	Data Example
					<i>customs or transport documents that the current declaration is linked to</i>	
55.	CD_PREV_DECL_SL	string	O		40   "S/L" in Box 40 means the reference to the Summary Declaration (cargo manifest) lodged at arrival, usually tied to the Bill of Lading or Air Waybill.	BL123456
56.	CD_SUP_UNIT_CODE	string	O	an..3	41   Supplementary Units - Unit Code	U, LTR, MTR
57.	CD_SUP_WRITE_OFF				41bis   Write Off's - the field that records how many supplementary units are deducted from a license, permit, or quota balance when goods are cleared.	
58.	CD_SUP_QUAN	int?	O	n..16,6	41   Supplementary Units - Quantity	617,00
59.	CD_ITEM_PRICE	decimal?	O	n..15,2	42   Item Price	10.489
60.	CD_VAL METH	int	O	n..3		1
61.	CD_VAL METH REF	int	O	n(1)(1-6)	43   Valuation Method - the reference/indicator that supports the valuation basis.	REF: SAD2025/001 or Blank
62.	CD_DOC_LIC_NO	string	M	an..35	44   Additional Information / Documents Produced / Certificates and Authorizations - Specific license number required for restricted goods (import/export license).	2020010000009973 47
63.	CD_DOC_D_VAL	INT	O	n..10	44   Additional Information / Documents Produced / Certificates and Authorizations – Declared Value — the customs value of the goods for this line item.	
64.	CD_DOC_D_QTY	INT	O	n..10	44   Additional Information / Documents Produced / Certificates and Authorizations -	

S. No	Attributes	Data Type - Length	Condition (Mandatory / Optional)	Format	Identifier in ASYCUDA/Format/Derivation logic for fields	Data Example
					<i>Declared Quantity — the declared quantity of goods, often linked to Box 41 supplementary units.</i>	
65.	CD_DOC_REMARKS	STRING	O	an..35	44   Additional Information / Documents Produced / Certificates and Authorizations	1.633.312+0+32.66 6+0-0 ( <i>customs value + freight + insurance + other costs – deductions.</i> )
66.	CD_DOC_A_D	INT	M	n..5	44   Additional Information / Documents Produced / Certificates and Authorizations - <i>Additional Documents — references to supporting documents beyond the basics (insurance, packing list, permits, exemptions).</i>	403
67.	CD_DOC_A_I	INT	O	n..5	44   Additional Information / Documents Produced / Certificates and Authorizations - <i>Additional Information Code — standardized code identifying the type of document</i>	
68.	CD_ADJ	INT	O	n..15,2 each	45   Adjustments - <i>the field where additions and deductions to the declared value are recorded to arrive at the correct customs value.</i>	
69.	CD_STAT_VAL	INT	O	n..15,2	46   Statistical Value - <i>the CIF customs value of the goods after adjustments, used for trade statistics and duty calculation.</i>	
70.	CD_DEF_PYMT_CODE	STRING	O	an..3	48   Deferred Payment – Payment Indicator <i>the field used when duties/taxes are not paid immediately but deferred under an authorized account. It is filled by the Customs Broker during declaration, and</i>	DP, EXM

S. No	Attributes	Data Type - Length	Condition (Mandatory / Optional)	Format	Identifier in ASYCUDA/Format/Derivation logic for fields	Data Example
					<i>validated by AGT officers.</i>	
71.	CD_DEF_PYMT_REF_NO	STRING	O	an..35	48   Deferred Payment – Account Number <i>the field used when duties/taxes are not paid immediately but deferred under an authorized account. It is filled by the Customs Broker during declaration, and validated by AGT officers.</i>	
72.	CD_IDEN_OF_WH	STRING	O	an..17 + an..35 (warehouse code, Location)	49   identification of Warehouse - <i>the field where the broker declares the bonded warehouse code/reference when goods are placed under warehousing procedures.</i>	
<b>BNK_ACCT_DETS</b>						
73.	BD_MOP	STRING	M	an..35	Bank Account Details – Mode of Payment	
74.	BD_ASMT_NO	STRING	M		Bank Account Details – Assessment Number	Move to response
75.	BD_ASMT_NO_DATE	STRING	M		Bank Account Details – Assessment Number Date	Move to response
76.	BD_RECEIPT_CODE	STRING	M	an..35	Bank Account Details – Receipt Number Code	
77.	BD_RECEIPT_NO	STRING	M	an..35	Bank Account Details – Receipt Number	D 54708
78.	BD_RECEIPT_DATE	STRING	M	an..35	Bank Account Details – Receipt Date	L 53233
79.	BD_GUARANTEE	STRING	O	an..35	Bank Account Details – Bank Guarantee: <i>a financial security (usually a bank guarantee or bond) entered by the broker, validated by Customs, to secure duties/taxes when not paid immediately.</i>	
80.	BD_GUARANTEE_DATE	STRING	M	an..35	Bank Account Details – Bank Guarantee: Date	
81.	BD_TOT_FEES	DECIMAL	O	n..15,2	Bank Account Details – Total Fees – <i>sum of duty,</i>	

S. No	Attributes	Data Type - Length	Condition (Mandatory / Optional)	Format	Identifier in ASYCUDA/Format/Derivation logic for fields	Data Example
					<i>taxes and fees for a single line item</i>	
82.	BD_TOT_DECL	DECIMAL	M	n..15,2	Bank Account Details – Mode of Payment - <i>grand total of all duties, taxes, and fees across the entire SAD.</i>	

## 5.2.2 Response Elements

S. No	Attributes	Data Type - Length	Condition (Mandatory /Optional)	Format/Derivation logic for fields	Example Data
1.	CUST_REF_NO	STRING	M	Customs Reference Number returned in case of successful submission without any errors.	
2.	DECLARATION_STATUS	STRING	M	Declaration statuses for the Job.	
DECLARATION_CHARGES					
3.	ASSESSMENT_NO	STRING	M	unique reference number automatically generated by ASYCUDA once a customs declaration (SAD) has been processed and assessed by Customs.	
4.	ASSESSMENT_DATE	STRING	M	Assessment Date	
VALIDATION_ERRORS					
errors					
5.	ERROR_CODE	String - 100	O	Business validation error code	INVALID_VALUE
6.	MESSAGE_DESCRIPTION_EN	String - 300	O	Business validation error code description English	This value is invalid for the field
7.	MESSAGE_DESCRIPTION_AR	String - 300	O	Business validation error code description Arabic	
8.	ATTRIBUTE_NAME	String - 100	O	Attribute name of the error message	

### 5.2.3 Request and Response Samples



CreateDUResponse.CreateDURequest.js  
json



on

## 6 Get DU Status

### 6.1 Overview

<b>Operation Name</b>	GetDUSubmissionStatus
<b>SOAP URL</b>	TBC
<b>Service Provider</b>	AGT
<b>Consumer</b>	JUL
<b>Business Purpose</b>	To Retrieve the status of the submitted declaration from AGT
<b>Service</b>	REST
<b>Pattern</b>	Synchronous
<b>Security</b>	Basic Authentication

### 6.2 Request and Response Elements

In the following table, all request objects with their details and fields with their respective data types are listed. Each element inside the request is marked as mandatory or optional by a postfix M/O.

#### 6.2.1 Request Elements

S. No	Attributes	Data Type - Length	Condition (Mandatory/Optional)	Format	Derivation logic for fields	Example Data
GetDUSubmissionStatusRequest						
1.	DUSubmissionReference Number	STRING	M	an..35	Reference Number received after successful DU submission	

#### 6.2.2 Response Elements

S. No	Attributes	Data Type - Length	Condition (Mandatory /Optional)	Format/Derivation logic for fields	Example Data
GetDUSubmissionStatusResponse					
GetDUSubmissionStatusResult					
1.	SubmissionStatusCode	string	M	Submission Status Code	

2.	SubmissionStatusDescEn	string	M	Submission Status Description in English	
3.	SubmissionStatusDescPor	string	M	Submission Status Description in Portuguese	
4.	SubmittedDate	datetime	M	Submission date	
5.	DUReferenceNumber	string	M	DU Reference Number	
6.	ErrorCode	int	O	Error Code, in case of any failure	
7.	ErrorDescEn	string	O	Error Description in English	
8.	ErrorDescPor	string	O	Error Description in Portuguese	

### 6.2.3 Request and Response Samples



GetDUSubmissionS GetDUSubmissionS  
tatusResponse.json tatusRequest.json

## 7 Get DU Documents

### 7.1 Overview

<b>Operation Name</b>	GetDUSubmissionDocumentId
<b>SOAP URL</b>	TBC
<b>Service Provider</b>	AGT
<b>Consumer</b>	JUL
<b>Business Purpose</b>	To Retrieve the Id's of DU Certificate, Customs Release Note and Payment Acknowledgement
<b>Service</b>	REST
<b>Pattern</b>	Synchronous
<b>Security</b>	Basic Authentication

### 7.2 Request and Response Elements

In the following table, all request objects with their details and fields with their respective data types are listed. Each element inside the request is marked as mandatory or optional by a postfix M/O.

#### 7.2.1 Request Elements

S. No	Attributes	Data Type - Length	Condition (Mandatory/Optional)	Format	Derivation logic for fields	Example Data
GetDUSubmissionDocumentsRequest						

1.	DuReferenceNumber	string	M	an..35	Reference Number once the declaration is successfully submitted	
----	-------------------	--------	---	--------	---	--

## 7.2.2 Response Elements

S. No	Attributes	Data Type - Length	Condition (Mandatory /Optional)	Format/Derivation logic for fields	Example Data
GetDUSubmissionDocumentsResponse					
1.	responseStatusCode	string	M	Status Code if success or failure	1 or 0
2.	responseDescription	string	M	success or failure description	
3.	documentCount	int	M	total document count	
DocDetails - Array					
4.	docId	string	M		
5.	docType	string	M		
6.	docDescriptionEn	string	M		
7.	docDescriptionPor	string	M		
8.	docFormat	string	M		
9.	duReferenceNumber	string	M		
10.	createdDate	datetime	M		

## 7.2.3 Request and Response Samples



GetDUSubmissionDocumentsResponse, GetDUSubmissionDocumentsRequest.js

## 8 Response Codes and Error Handling

The response message will be different based on the type of API. In case of a valid and successful flow of an API, an assessment response message will be sent back synchronously as a response to the API, and in case of an invalid flow an invalid response will be returned to describe the schema validation error.

Below is the list of supported response codes supported, for error scenarios:

### 8.1 Standard HTTP Response Codes

S. No	HTTP Response Code	Description
1.	Success (200)	In case of valid request
2.	Bad Request (400)	In case of a bad request from the client side
3.	Unauthorized (401)	In case of wrong username and/or password
4.	API not found (404)	In case of wrong API endpoint
5.	Internal Server Error (500)	General server-side error