

Indian Customs EDI System

ICES/Imports 1.5

**Customs Transit Declaration (CTD)
EDI Message Integration**

Technical Document Version 1.0

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ICES 1.5 CHA-Customs Message Exchange - Imports
Technical Document Version 1.0

Document History

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CHAPTER I

Message Specs and Declaration Format

- **Message Specification**

Agencies involved in international trade have already automated their processes and are in a position to generate text file of the documents for transmission to Customs. In order to facilitate this work, NIC at the instance of the Customs and Trade, is distributing file formats in which ICES 1.5 accept data.

This document explains in detail the message formats with respect to the import declaration i.e. CTD Entry related messages, which are as follows:

- **List of Messages**

Sr. No.	Message Description	From	To	Message
•	CTD Entry	CHA/ Importer	Customs	CACHI51
•	Acknowledgement	Customs	CHA/ Importer	CACHI52

- **ICEGATE Header and Footer**

ICEGATE Header:

- HREC^]ZZ^]<Sender ID>^]ZZ^]<Receiver ID>^]<Version No>^]<T or P>^]<Message ID>^]<Sequence or Control Number>^]<Date>^]<Time>

ICEGATE Footer:

TREC^]<Sequence or Control Number>

Where

<Sender ID> is the ICEGATE code of the Customs House

<Receiver ID> is the ICEGATE code of CONCOR/Custodian
<Version No> is the ICEGATE version being used. Currently it is "ICES1_5"
<T or P> is the test (T) or production (P) indicator
<Message ID> is the message name or id. Ex: CHCOI01

<Sequence or Control Number>

is a unique value that can be used to uniquely identify the document. i.e.
This will be used for tracking purposes. The value currently being passed in
the second record can be used here.

<Date> Date of transmission of message

<Time> Time of transmission of message

The same Sequence or Control Number that is used in the header has to be repeated in the trailer.

Example:

```
HREC^]ZZ^]ABCD^]ZZ^]XYZ^]ICES1_5^]P^]^[COCHE01^]123456^]20071015^]1015  
TREC^]123456
```

All messages will have Header and footer by default. This will not be included as part of each message separately.

General Guidelines

Field delimiter: ASCII Chr 29: ^]

If the field information not applicable or available, still the field delimiter shall be given.

Example : Table – Exchange

If the currency code used is DKK, which is a standard currency, then the flat file structure shall be :

```
DKK^]^[^]Y^]^[^]
```

Record delimiter : New line Character

DOS : ASCII Chr 10, 13 - ^M^J

Unix : ASCII Chr 10 - ^J

File naming convention :

<jobno><year>.ctd

<nnnnn><yyyy>.be

Example: 4571999.be, 12341999.be
6891999.sb, 12341999.sb

File name – Maximum length : 8 Characters.

CHAs / Importers have to adopt the Code directories as maintained by Customs for Currency code, Scheme Code, Country code, Port Code, Unit Quantity Code, Package Code and State Code.

All dates need to be entered in YYYYMMDD format.

Message Integration:

After picking up data from the Service Center, ICEGATE will put the same in a parallel set of structures in the ICEGATE schema of ICES. These comprise a set of data tables and control tables (In case of a single-table message, Control table and Data tables may be merged). These set of structures are also used to handle the equivalent messages coming over network.

For each set of data picked up from Service Center, ICEGATE will insert the same in the corresponding tables in the ICEGATE schema of ICES and will also update the corresponding Control Table. Based on this, ICES application will pick up data from these sets of data tables, process the same and update the ERR_CD fields in the data tables. ICEGATE will then send the acknowledgement (positive or negative) to Service Center.

File naming conventions followed for the messages:

CTD Entry	<File name defined by importer/CHA>.ctd
Acknowledgement	<ICEGATE MESSAGE FILE NO>.ack
• Negative-acknowledgement	• < ICEGATE MESSAGE FILE NO >.nak

Message: CACHI51: Customs Transit Declaration (CTD) (5-part Message)

Message ID	CACHI51
Message Description	Customs Transit Declaration
From	Customs House Agent/ Importer
To	Customs
Message Extension	.ctd

Components/Segments

Field Description	Final
<TABLE>CTD MAIN	M
<TABLE>CTD ITEMS	M
<TABLE>CTD BOND	O
<TABLE>CTD IGMS	M
<TABLE>CTD CONTAINER	O

Message Format (CTD):

Message ID	CACHI51 (Part 1/5)
Message Description	CTD Main
From	Customs House Agent/ Importer
To	Customs
Segment Tag	<TABLE>CTD_MAIN

Sr. No.	Field Description	Field Type	Length	Final	
•	Message type	C	1	M	
•	Job No.	N	7	K	
•	Job Date	Date		K	
•	CTD Number	N	7	X	
•	CTD Date	Date		X	
•	CTD Type	C	1	M	
•	Custom House Code	C	6	M	
•	Exit Custom House Code	C	6	M	
•	Importer Type	C	2	M	
•	CHA Code	C	15	M	
•	CHA Name	C	50	M	
•	IEC Code	C	10	M	
•	Name of the importer	C	50	M	
•	Address 1	C	50	M	
•	Address 2	C	50	O	
•	City	C	25	M	
•	Notified Importer Name	C	50	M	
•	Notified Importer Address 1	C	50	M	
•	Notified Importer Address 2	C	50	O	
•	Letter Of Credit No.	C	50	M	
•	Letter Of Credit Date	Date		M	
•	Mode Of Transport	C	1	M	
•	Transit Route	C	2	M	
•	Currency Code	C	3	M	
•	Exchange Rate	N	8,2	M	
•	CIF Amount	N	16,2	M	
•	Value In Rs	N	16,2	M	
•	Country of Consignment	C	2	M	
•	Country of Origin	C	2	M	
•	License No.	C	50	O	
•	License Date	Date		O	
•	Insurance Policy No.	C	50	O	
•	Insurance Policy Date	Date		O	
•	Insurance Policy Expiry Date	Date		O	
•	Insurance Company Name	C	50	O	
•	Insurance Company Address 1	C	50	O	

•	Insurance Company Address 2	C	50	O	
•	Insurance Company City	C	25	O	
•	Certificate Of Origin	C	30	M	
•	Certificate Of Origin Date	Date		M	
•	Invoice Number	C	16	M	
•	Invoice Date	Date		O	

Final (F), Amendment (A), Supplement (S) and Delete (D) Codes:

M – Mandatory
K – Key Field
O- Optional Field
X – Not required

There shall be 43 parameters, which include the key, mandatory and optional fields. If the number of delimiters, which accompany the respective fields, is less than 43, data will not be accepted by the system.

CHA License Number: The Exporter, if directly filing the CTD document, this field shall have value 'SELSUBMITCH001'.

CTD Type I : CTD Imports
 E : CTD Exports

The following IE Codes can be used by the Importers/Exporters who are exempted from obtaining individual IE code:

Mode of Transport - R : Rail
 T : Truck

Message ID	CACHI51 (Part 2/5)
Message Description	Item
From	Customs House Agent/ Importer
To	Customs
Segment Tag	<TABLE>CTD_ITEM

Sr. No.	Field Description	Field Type	Length	Final
•	Message type	C	1	F
•	User Job No.	N	7	K
•	User Job Date	Date		K
•	CTD Number	N	7	X
•	CTD Date	Date		X

•	CTD Type	C	1	M
•	Item No	N		M
•	Customs Tariff Head	C	8	M
•	Goods Description	C	100	M
•	Chassis No.	C	50	O
•	Engine No.	C	50	O
•	Vehicle Registration No	C	50	O
•	Date Of Registration	Date		O
•	Quantity	N	16,6	M
•	Unit quantity code	C	3	M
•	CIF Value	N	16,2	O
•	Sensitive	C	1	M
•	Duty Amount	N	14,2	O
•	Antidumping Amount	N	14	M
•	Bond Amount	N	14,2	O

Message ID	CACHI51 (Part 3/5)
Message Description	Bond
From	Customs House Agent/ Importer
To	Customs
Segment Tag	<TABLE>CTD_BOND

Sr. No.	Field Description	Field Type	Length	Final
•	Message type	C	1	F
•	Custom House Code	C	6	K
•	CTD Number	N	7	K
•	CTD Date	Date		K
•	Bond Number	N	20	M
•	Bond Code	C	2	M
•	Bank Guarantee Rate	N	8,2	O

Bond Codes:

PD	Provisional Duty Bond	EU	End use Bond
RE	Re-Export Bond	TB	Test Bond
LG	Letter of Guarantee	UT	Undertaking
TP	Transshipment Bond	IT	ITC Bond
WH	Warehouse Bond	EC	EPCG Bond
EZ	EPZ Bond	DE	DEEC Bond
PJ	Project Bond	CD	Cash Deposit
EO	EOU Bond	JB	Jobbing

Message ID	CTCHI51 (Part 4/5)
Message Description	IGM
From	Customs House Agent/ Importer
To	Customs
Segment Tag	<TABLE>IGM

Sr. No.	Field Description	Field Type	Length	Final
•	Message type	C	1	F
•	Custom House Code	C	6	K
•	User Job No.	N	7	K
•	User Job Date	Date		K
•	CTD Number	N	7	X
•	CTD Date	Date		X
•	IGM No.	N	7	M
•	IGM Date	Date		M
•	IGM Line No	N	4	M
•	Inward Date	Date		M
•	Port of IGM	C	6	M
•	MAWB/BL No	C	20	M
•	MAWB/BL Date	Date		M
•	HAWB/HBL No	C	20	O
•	HAWB/HBL Date	Date		O
•	Total No. Of Packages	N	8	M
•	Gross Weight	N	12,3	M
•	Net Weight	N	12,3	M
•	Unit Quantity Code	C	3	M
•	Package Code	C	3	M
•	Marks And Numbers 1	C	40	O
•	Marks And Numbers 2	C	40	O
•	Marks And Numbers 3	C	40	O

Message ID	CACHI51 (Part 5/5)
Message Description	Container
From	Customs House Agent/ Importer
To	Customs
Segment Tag	<TABLE>CONTAINER

Sr. No.	Field Description	Field Type	Length	Final
•	Message type	C	1	F
•	Custom House Code	C	6	K
•	User Job No.	N	7	K
•	User Job Date	Date		K
•	CTD Number	N	7	X
•	CTD Date	Date		X
•	Container Number	C	15	O
•	Container Size	C	15	O
•	Seal	C	15	O
•	Truck	C	15	O
•	Wagon	C	15	O
	SITE_ID	C	6	M

Message: CHCA52: CTD Acknowledgement

Message ID	CHCA152
Message Description	CTD Ack.
From	Customs
To	Customs House Agent/ Importer
Message Extension	.ack/.nak

Sr. No.	Field Name	Field Length	Field Type	Fresh
•	Message Type	6	C	F
•	Custom House Code	6	C	K
•	User Job No.	7	N	K/X*
•	User Job Date		Date	K/X*
•	CTD Number	7	N	O
•	CTD Number		Date	O
•	CTD Type	4	C	O

Note:

* K/X: Key Field if original message is Fresh CTD. NULL if original message is Amendment CTD.

On processing of the message CACHI51 submitted by CHA/Importer, the ICES application would generate a positive or negative acknowledgement.

Guidelines for generation of the message are as given below:

Positive acknowledgement against Fresh CTD message

This message is generated when a Fresh CTD message (CACHI51) is accepted in full and there is no error. Error Code is marked as '00'. CTD Number (and date). The ACK message in this case should have a single record specifying the following fields:

Fields	Remarks
Message Type	Always F
Custom House Code	Key Field
User Job No.	Key Field
User Job Date	Key Field
CTD Number	System Generated information
CTD Number	System Generated information
Error Code	00 (Fully accepted)

LIST of Error Codes (For Acknowledgement Message):

Message ID	Error Code	Error Description
Table:		Vessel Details
CACHI51	00.	Record Accepted
CACHI51	01.	Incorrect Message Name / Type

For full and latest error code list, refer to **Annexure A**

Note: Error Code field may be multiple for a record. In such case, the codes will be clubbed together and separated by the delimiter '|'. As for example:

'02|05|11'

ANNEXURE A

MESG_NAME	ERR_CD	ERR_DESC
CACHI51	101	Invalid CTD Type
CACHI51	102	Invalid Exit Point
CACHI51	103	Invalid CHA Number
CACHI51	104	CHA License Expired
CACHI51	105	Invalid IEC
CACHI51	106	Letter of Credit/Embassy Letter Not Available
CACHI51	107	Invalid LC Number
CACHI51	108	Letter of Credit Expired
CACHI51	109	Invalid Mode of Transport
CACHI51	110	Invalid Transit Route
CACHI51	111	Invalid Country of Origin
CACHI51	112	Invalid Consignee Country
CACHI51	113	Invalid Currency Code
CACHI51	114	No/Duplicate Master Record
CACHI51	115	Invalid Igm No+Date+Mawb_no+Hawb_no
CACHI51	116	Invalid IGM UQC
CACHI51	117	IGM Pkg <= 0
CACHI51	118	IGM G.Wt <= 0
CACHI51	119	IGM N.Wt <= 0
CACHI51	120	Invalid Igm Line No.<=0
CACHI51	121	InWard Dt is Null
CACHI51	122	BE is Filed For The Line
CACHI51	123	IGM Line in Process
CACHI51	124	SMTP Issued For The Line
CACHI51	125	Invalid Cargo Movement
CACHI51	126	Duplicate IGM Record
CACHI51	127	No IGM Record Exists
CACHI51	128	Invalid Item No.
CACHI51	129	Invalid Item Quantity
CACHI51	130	Invalid Item CIF
CACHI51	131	Invalid Item Market Value
CACHI51	132	Invalid Item UQC
CACHI51	133	Invalid Item CTH
CACHI51	134	Duplicate Item
CACHI51	135	No Item Exists
CACHI51	136	Invalid Bond Number
CACHI51	137	Bond Code is NULL
CACHI51	138	Bond Amount is NULL
CACHI51	139	Duplicate Bond No.
CACHI51	140	Truck No is NULL
CACHI51	141	Invalid IGM in Container
CACHI51	142	Duplicate Container
CACHI51	143	No Container Exists
CACHI51	144	Destination Port Not Match With IGM
CACHI51	145	Invalid CHA Number
CACHI51	146	Invalid LC Number
CACHI51	147	Latest Currency Rate Not Available