

Indian Customs EDI System

ICES 1.5



Export Transshipment EDI Message Integration (Message Document) Document Version 1.0

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ICES 1.5 –Export Transshipment (ETP) EDI Message Integration

Technical Document Version 1.0

Document History

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1.0	09.01.2023	ETP First Release.

Chapter 1

Message Specification and Declaration Format

Introduction

Shipping Agent will file ETP through the value added network service provider to the Customs gateway - ICEGATE, which in turn forward the message to the respective Customs Station.

ICEGATE Header and Footer details for all the messages are provided separately. These will apply to all messages.

The ICES application would validate inbound messages. Acknowledgements both positive and Negative will be generated for all records sent to ICEGATE. Similarly, all outbound messages will have to be acknowledged by the Trading Partner (Shipping Agent).

Access to ICES User (in ICEGATE Schema):

Two different users are created for access to Control tables in the ICEGATE Schema, one for Imports and Exports.

Username for Exports : gxs_sb_exp

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 Shipping Agent / Transshiper
<Receiver ID>	is the ICEGATE code of Custom House Station
<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^]^]SACHE21^]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>.etp

Example: 4571999.etp, 12341999.etp

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 needs to be entered in DDMMYYYY 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 pickup 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 and to the user.

List of Messages

Sr. No.	Message Description	From	To	Message
1.	ETP	Shipping Agent	Customs	SACHE21
2.	Acknowledgement for ETP	Customs	Shipping Agent	CHSAE21

Message: SACHE21: ETP (3-part Message)

Message ID	SACHE21 (Part 1/3)
Message Description	Export Transshipment Detail
From	Shipping Agent
To	Customs
Message Tag	ETP_Master_Details
Segment Tag	ETP-MASTER
Message Extension	.etp

Sr. No.	Field Description	Field Type	Length	Fresh
1.	Message Type	C	1	F
2.	Job No.	N	7	M
3.	Job Date	Date		M
4.	Gateway Port	C	6	M
5.	Port of Discharge	C	6	M
6.	Mode of Transport	C	1	M
7.	Carrier Code	C	10	M
8.	Carrier Number	C	100	M
9.	Bond Code	C	2	M
10.	Bond Number	C	20	M
11.	Bond Date	Date		M*
12.	Bond Site	C	6	M
13.	Site Id	C	6	M

Message ID	SACHE18 (Part 2/3)
Message Description	Export Transshipment Detail
From	Shipping Agent
To	Customs
Message Tag	ETP_SB_Details
Segment Tag	ETP-SB
Message Extension	.etp

Sr. No.	Field Description	Field Type	Length	Fresh
1.	Message Type	C	1	F
2.	Job No.	N	7	M
3.	Job Date	Date		M
4.	Shipping Bill Number	N	7	M
5.	Shipping Bill Date	Date		M
6.	Gross Weight	N	13,3	M
7.	Total Package	N	8	M
8.	Nature of Cargo	C	2	M
9.	Airway Bill Number	C	15	M*
10.	Stuff Port	C	6	M*
11.	Site Id	C	6	M

Message ID	SACHE21 (Part 3/3)
Message Description	Export Transshipment
From	Tran shipper
To	Customs
Message Tag	ETP_CONT_Details
Segment Tag	ETP- CONT
Message Extension	.etp

Sr. No.	Field Description	Field Type	Length	Fresh
1.	Message Type	C	1	F
2.	Job Number	N	7	M
3.	Job Date	Date		M
4.	SB Number	N	7	M
5.	SB Date	Date		M
6.	Container Number	C	15	M
7.	Container Size	C	3	M
8.	FCL /LCL	C	1	M
9.	Site ID	C	6	M

Field Status Code description:

M – Mandatory

K – Key Field

O- Optional Field

X – Not required

Z – At least 2 fields will be there, out of which at least 1 is mandatory

Note:

1. In case of SEZ cargo if **Stuffing site (stuff_port)** is equal to **SEZ site (site_ID)**. Container details are mandatory otherwise it is optional.
2. In case of package cargo i.e **nat_cargo** also container details are optional.
3. Message type is F.
4. Nature of Cargo can be P/C /CP/DB/B.
5. Mode of Transport can be T/V/R.

(T-Truck, R-Rail, V- Vessel)

6. If gateway port is Air site, then Airway Bill Number is mandatory otherwise optional.
7. Stuff_Port is mandatory in case of SEZ sites.

Message: CHSAE21: Acknowledgement Message

Message ID CHSAE21

Message Description ETP- Acknowledge
From Customs
To Shipping Agent/ Transhipper
Message Tag ETPack
Message Extension .ETPack

Field Description	Field Type	Length	Ack Master tag	Ack Container tag
Message Type	C	6	M	M
Custom House Code	C	6	K	K
Job No.	N	7	K	K
Job Date	Date		K	K
ETP No.	N	7	O	O
ETP Date	Date		O	O
SB No.	N	7	M	M
SB Date	Date		M	M
Container No.	N	15	X	M
Error Code	C	6	M (from Master table)	M (from CTR table)

Note:

* K/X: Key Field if original message is Fresh ETP.

On processing of the message SACHE21 submitted by Shipping Agent, the ICES application would generate a Positive or negative acknowledgement.

Acknowledgement file needs to contain all entries of SB (for master tag) and containers (for container tag) irrespective of control table error.

There could be cases where out of 50 SBs in an ETP, 5-6 SBs may get an error. For those SBs the carrier has to file a new ETP.

Guidelines for generation of the message are as given below:

Positive acknowledgement against ETP message

This message is generated when a Fresh ETP message (SACHE21) is accepted in full and there is no error. Error Code is marked as '00'. ETP Number (and date) is generated. 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
ETP Number	System Generated information
Error Code	00 (Fully accepted)
Table Segment Name	Always NULL

Negative acknowledgement against ETP message

This message is generated when a Fresh ETP message (SACHE21) is rejected due to error. Wherever exists, Error Code (may be multiple) are marked against each incoming record. No ETP Number or ETP. The ACK message in this case may have multiple records (one for each invalid record in message SACHE21).

These records will have Error Code other than '00'. The valid records (marked with Error Code = '00') will not be included. All relevant key fields will be specified as applicable. Following rules will apply:

Fields	Remarks
Message Type	Always F
Custom House Code	Key Field
User Job No.	Key field against a Fresh Message
User Job Date.	Key field against a Fresh Message
ETP Number	Always NULL
Error Code	Other than 00
Table Segment Name	Required

Rest of the fields is to be specified as applicable for a particular record.

ERR_CD	ERR_DESC
A	SB does Not Exists in ICES/E
B	SB Filed in Another TP/Pending For Approval
Q	SB is Not in EGM/EGM_ERR Que
I	Invalid Origin/Destination/Gateway Port
J	Nature of Cargo Does Not Match With TP details
P	Total Packet Does Not Match With TP details
W	Gross Weight Does Not Match With TP details
D	Duplicate Record in c_etp/c_etp_ctr
N	Total Number of Container Does Not Match With TP details
C	Container Number Does Not Match With TP details
S	TP Validation is Successful with no Error
E	Container Details Not Available
Z	SQL Error Occurred during Validation
H	Invalid Mode of Transport
K	Invalid Carrier Code
U	Invalid Bond Code
O	Invalid Bond Number+Bond Site
F	Force Full EGM Error Removal of SB
Y	Bond is Not Global

