

Indian Customs EDI System

ICES 1.5



Import Transshipment EDI Message Integration (Technical Document) Document Version 1.3

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Release History

Release Number	Release Date	Brief Summary of Changes
1.0	12.06.2026	First Release.
1.1	15.06.2026	ITP_NO and ITP_DT added in control table
1.2	08.07.2026	NEW_CONT_NO column added in M_CFCHI51_1 JOB_NO and JOB_DT columns added on control table
1.3	17.08.2026	Agency Code of and Bond No of CFS added (custodian Transshipment bond)

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Chapter 1

Message Specification and Declaration Format

Introduction

CFS will file Import Transshipment for LCS cargo through the value added network service provider to the Customs gateway - ICEGATE, which in turn forward the message to the respective Customs Station.

The ICES application would generate an acknowledgement for all 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.

Access to ICES User (in ICEGATE Schema):

user is created for access to Control tables in the ICEGATE Schema for Imports.

Username for Imports : gxs_be_imp

List of Messages

Sr. No.	Message Description	From	To	Message
1.	Import Transshipment (ITP)	CFS	Customs	CFCHI51

Message: CFCHI51: Import Transshipment (3-part Message)

Message ID	CFCHI51 (Part 1/3)
Message Description	Import Transshipment – CFS Details
From	CFS
To	Customs
Message Tag	ITPINFO
Segment Tag	MAIN

Sr. No.	Field Description	Field Type	Length	Fresh
1.	ITP Job Number	N	7	K
2.	ITP Job date (DDMMYYYY)	Date		K
3.	CFS Code	C	10	M
4.	ICEGATE ID	C	25	M
5.	Mode of Transport (R Road; T Train)	C	1	M
6.	Vehicle No.	C	20	M
7.	Container Number (New)	C	15	M
8.	Seal Number	C	15	M
9.	Destination ICD Code	C	6	M
10.	Bond Number	C	20	M
11.	Agency Code	C	15	M

Field Status Code description:

M – Mandatory
K – Key Field
O- Optional Field

Message ID	CFCHI51 (Part 2/3)
Message Description	Import Transshipment – SMTP Details
From	CFS
To	Customs
Message Tag	ITPINFO
Segment Tag	SMTP

Sr. No.	Field Description	Field Type	Length	Fresh
1.	ITP Job Number	N	7	K
2.	ITP Job Date (DDMMYYYY)	Date		K
3.	IGM Rotation Number	N	7	M
4.	IGM Rotation Date (DDMMYYYY)	Date		M
5.	Line No.	N	4	M
6.	Subline No.	N	4	M
7.	SMTP Number	N	7	M
8.	SMTP Date	Date		M
9.	Old Container Number	C	15	M

Message ID	CFCHI51 (Part 3/3)
Message Description	Import Transshipment – IRN Details
From	CFS
To	Customs
Message Tag	ITPINFO
Segment Tag	IRN

Sr. No.	Field Description	Field Type	Length	Fresh
1.	ITP Job Number	N	7	K
2.	ITP Job Date(DDMMYYYY)	Date		K
3.	IRN Number	C	16	M
4.	ICEGATE ID	C	25	M
5.	Document Code	C	6	M

CHAPTER 2

ICEGATE schema in ICES: Data and Control File Structures

ICEGATE will insert the ITP messages 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.

Module Name		Table in ICEGATE Schema in ICES	
1	Import Transshipment (ITP)	1A	M_CFCHI51_1
		1B	M_CFCHI51_2
		1C	M_CFCHI51_3
		1D	CONTROL_TABLE_INB_CFCI51

1 Module: Import Report

Serial No.	1A
Object Name	M_CFCHI51_1
Object Type	Data Table
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Description	ITP CFS and Container Details

Sr. No.	Field Name	Type	Field Length	Field Description
1.	ITP_JOB_NO	N	7	ITP Job Number
2.	ITP_JOB_DT	Date		ITP Job Date
3.	CFS_CODE	C	10	CFS Code
4.	ICEGATE_ID	C	25	Icegate id of CFS
5.	MODE_OF_TRANS	C	1	Mode of Transport
6.	VEHICLE_NO	C	20	Vehicle No/Truck No/Train No.
7.	SEAL_NO	C	15	Container Number (new)
8.	DEST_ICD_CODE	C	6	ICD Customs Location Code
9.	FILE_NAME	C	60	File Name
10.	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
11.	ERR_CD	C	100	Error Code
12.	NEW_CONT_NO	C	15	New Container Number
13.	BOND_NO	C	20	Transshipment Bond number of CFS (Custodian)
14.	AGENCY_CD	C	15	Agency Code of CFS Custodian

Serial No.	1B
Object Name	M_CFCHI51_2
Object Type	Data Table
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Description	ITP SMTP Details

Sr. No.	Field Name	Type	Field Length	Field Description
1.	ITP_JOB_NO	N	7	ITP Job Number
2.	ITP_JOB_DT	Date		ITP Job Date
3.	IGM_RTN	N	7	IGM Rotation Number
4.	IGM_DT	Date		IGM Rotation Date
5.	LINE_NO	N	4	Line No.
6.	SUBLINE_NO	N	4	Subline No.
7.	SMTP_NO	N	7	SMTP Number
8.	SMTP_DT	Date		SMTP Date
9.	OLD_CONT_NO	C	15	Old Container Number
10.	FILE_NAME	C	60	File Name
11.	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
12.	ERR_CD	C	100	Error Code

Serial No.	1C
Object Name	M_CFCHI51_3
Object Type	Data Table
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Description	ITP IRN Details

Sr. No.	Field Name	Type	Field Length	Field Description
1.	ITP_JOB_NO	N	7	ITP Job Number
2.	ITP_JOB_DT	Date		ITP Job Date
3.	IRN_NO	C	16	Import Report No.
4.	ICEGATE_ID	C	25	ICEGATE ID
5.	DOC_CODE	C	6	Document Code
6.	FILE_NAME	C	60	File Name
7.	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
8.	ERR_CD	C	100	Error Code

Serial No.	1D
Object Name	CONTROL_TABLE_INB_CFCHI51
Object Type	Control Table
Location	ICEGATE Schema of ICES
Purpose	To control data access to ICES
Description	ITP – Control Table

Field Name	Filled/ Updated By	Comments	Field Type	Field Length
UNIQUE_ID	ICEGATE		C	30
SENDER_ID	ICEGATE		C	30
SENDER_ID_QUALIFIER	ICEGATE	ZZ	C	2
RECEIVER_ID	ICEGATE	Site ID	C	30
RECEIVER_ID_QUALIFIER	ICEGATE	ZZ	C	2
FILE_NAME	ICEGATE		C	60
STATUS_FLAG	ICEGATE	Values W/P /ICES	C	1
CREATED_TIMESTAMP	ICEGATE	Timestamp of the machine.	C	
PROCESSED_TIMESTAMP	ICES		C	
SENT_OR_RECEIVED_TIMESTAMP	ICEGATE		C	
ACKNOWLEDGED_TIMESTAMP	ICEGATE		C	
LAST_UPDATED_TIMESTAMP	ICEGATE		C	
CREATED_USER_ID	ICEGATE		C	30
PROCESSED_USER_ID	ICES		C	30
LAST_UPDATED_USER_ID	ICES		C	30
JOB_SEQUENCE_ID	ICES		N	2
ERR_CD	ICES		C	100
ACK_STATUS_FLAG	ICES/ ICEGATE	W/S	C	1
ACK_CREATED_TIMESTAMP	ICES		C	
ACK_SENT_OR_RECEIVED_TMSTMP	ICEGATE		C	
ITP_NO	ICES		N	7
ITP_DT	ICES		Date	
JOB_NO	ICEGATE		N	7
JOB_DT	ICEGATE		Date	