

Indian Customs EDI System

ICES/Imports 1.5



BE Message Exchange - Imports Technical Document Version 2.12 (March, 2023)

Finance Informatics Division
National Informatics Centre
Ministry of Communication & Information Technology
A-Block, CGO Complex
Lodhi Road
New Delhi -3

ICES 1.5 **BE** Message Exchange - Imports

Technical Document Version 2.12

Document History

Prepared By

Name	Designation/Project Role	Signature	Date

Reviewed By

Name	Designation/Project Role	Signature	Date

Approved By

Name	Designation/Project Role	Signature	Date

Distribution List (Applicable for Hard Copies only)

Document Control Number	Version Number	Recipient Name/Designation/Organisation	Date

Release History

Release Number	Release Date	Brief Summary of Changes
1.0	11.09.2008	First Release.
1.1	30.09.2008	Chapter on Message Format added. Updates made after design review.
1.2	12.01.2009	TYP field added to BE_MAIN table in Message Format and Service Center ACK tables. BE_NO and BE_DT fields added to Exchange and Permission tables in Message Format. MESG_TYP field added to Control tables in both Service Center and ICES for inbound messages
1.3	07.02.2009	Error in table A_CACHI01 (BE ACK) corrected In Message format (Chapter 3), following changes made: <ul style="list-style-type: none"> In BE<IGMS> table, Marks/Num-2&3 made optional In BE<ITEMS> table, Scheme Code made optional
1.4	02.03.2009	<ul style="list-style-type: none"> New tables S_CACHI01_AMEND (in SC) and M_CACHI01_AMEND (in Primary ICEGATE) and message <TABLE>AMEND added for amendment processing FILE_NAME field construct changed in CACHI06 QUERY_NO field added in CONTROL_TABLE_OTB_CHCAI05 New Field POR added in tables S_CACHI01_LIC, M_CACHI01_LIC and message <TABLE>LICENCE Minor Change in CONTROL_TABLE_INB_CACHI01
1.5	05.03.2010	Miscellaneous corrections related to BE_MAIN, BE_ITEM_DET, BE_ITEM_RSP, QUERY and QUERY_REPLY
1.6	31.03.2010	Miscellaneous corrections related to BE_MAIN, BE_DEPB, BE_IGMS, BE_INV, BE_ITEM_DET, BE_ITEM_RSP, BE_REIMPORT and BE_LIC
1.7	25.04.2011	Changes made with respect to EX-BOND BE, RSP and BOND
1.8	22.05.2012	<ul style="list-style-type: none"> Change of Document Name from BE Messages to CHA-Customs Messages. Declaration of VAT Particulars along with Item Details in Item-level Declarations.
1.9	23.05.2012	<ul style="list-style-type: none"> Mode of declaration of VAT Particulars as specified Item-wise in Version 1.8 is reversed New mode of declaration of VAT details at BE level defined. New Segment CTX introduced. Changes reflected in Service Center Schema, ICEGATE Schema, Message Format and Declaration Form.
1.10	17.07.2012	<ul style="list-style-type: none"> Module for printing of OOC BE added. BE Declaration Form re-formatted Document re-structured

Release Number	Release Date	Brief Summary of Changes
1.11	29.01.2014	<ul style="list-style-type: none"> Change of Document Name from CHA-Customs Message to BE Message. Modification in the instructions/ guidelines for IGMS segment of BE Message format (CACHI01 Part 15/18) to accommodate Sea-to-Sea transshipment option. Truck No field added in CONTAINER segment of BE Message format (CACHI01 Part 16/18) to accommodate requirements of LCS Cargo Transport. Update in BE Declaration Format
1.12	10.07.2014	<ul style="list-style-type: none"> Change of Document Name from CHA-Customs Message to BE Message. Modification in the instructions/ guidelines for ITEMS segment of BE Message format (CACHI01 Part 6/18) to accommodate Budget 2014 changes. Educational Cess notification and slno field added in Item segment of BE Message format (CACHI01 Part 6/18). Update in BE Declaration Format
2.1	25.10.2016	<ul style="list-style-type: none"> Changes done in SW structure, CACHI01 Be Mesg is 24 part message. BE-item_sw_info_type, BE-item_sw_const, BE_item_sw_prod, BE_item_sw_ctrl are added. Fields added in Invoice(Part4) are Third Party Name and address details, Authorized Economic Operator (AEO) Code and AEO country. Fields added in Item(Part 6) are Item ?Manufacturer /producer/grower code and Details .Supporting Docs(Part 24) have fields declaration type/date instead of BE No and date. Decl. Type added. File type is removed. Stmt and Supp docs are added. Changes for capturing OTP(no Change in Message Format)
2.2	21.06.2017	<ul style="list-style-type: none"> Addition of GST related information in CTX. Commercial Tax Type includes V/C/S /G/A/P/I/T/O/D. Commercial Tax Type :VAT/CST/ST/GST-IN/Aadhar/Passport/Income Tax Pan/Tin No/GST Govt/GST Diplomat <ul style="list-style-type: none"> SBE Duty -Exemption Notn No and Exemption NotnSrNo
2.3	11.8.2017	Field Unique Document No changed to Image Reference Number

Release Number	Release Date	Brief Summary of Changes
2.4	17.08.2017	Service center view names are matched with corresponding M-tables and corrected in single window declaration. The Doc Type is C(6) in supporting docs.
2.5	17.05.2020	Addition of fields Requested_By and Requested_Typ in Control table
2.6	26.08.2020	Addition fields ctrl_msr,ctrl_uqc and ctrl_slno has been added in m_chswi01_sw_ctrl section
2.7	14.09.2020	Whenever FTA notn is calimed at the item level, following things are mandatory Declaration of COO certificate details in the sw_info_type table Tansit country at the item level is mandatory. It can be same or different than the country of origin.
2.8	28.07.2021	Statement Table – Declaration of Mandatory document Exception and making job no and job dt as 'X' and BE_no and BE_dt as M for supplement messages. Inclusion of amend code S_STMT and A_PBEIGM Budget 2021 Changes related to AIDC in SBE_DUTY Changes related to amendment A_PBEIGM in SBE_IGMS.
2.9	02.09.2021	Date type and width of Item Sr. No. in License under message ID CACHI01 (Part 7/24) has been changed to (C)har 10 from (N)umber 4 in BE Message Format document.
2.10	28.02.2022	<ul style="list-style-type: none"> For availing IGCR benefits Importer mandatorily declare the IIN number in certificate number column and certificate type as EI in segment <TABLE>CERT. Certificate Date is made optional for IGCR. In addition, the bond code should be declared as 'EI' along with the bond nummber registered by the importer against the IIN, and the port code where the bond was accepted.
2.11	30.09.2022	<ul style="list-style-type: none"> Capturing of Additional Information for COO along with Existing
2.12	10.03.2023	<ul style="list-style-type: none"> SEZ Changes

All changes since last version are marked in **RED**.

Contents

Chapter	Particulars	Page
Chapter 1	Message Specs and Declaration format	
Chapter 2	ICES and ICEGATE table structure	
Chapter 3	Service Center Module Objects	

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. Bill of Entry (BE) related messages, which are as follows:

List of Messages

Sr. No.	Message Description	From	To	Message
1.	Bill of Entry	CHA/ Importer	Customs	CACHI01
2.	Acknowledgement	Customs	CHA/ Importer	CHCAI02
3.	Negative Acknowledgement	Customs	CHA/ Importer	CHCAI02
4.	Processed BE	Customs	CHA/ Importer	CHCAI04
5.	Query	Customs	CHA/ Importer	CHCAI05
6.	Query Reply	CHA/ Importer	Customs	CACHI06
7.	Out-of-charge BE Printing	Customs	CHA/ Importer	CHCAI07

8. OTP Confirmation

Customs/

ICEGATE

CHCAI08

1 ICEGATE Header and Footer

ICEGATE Header:

2 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

Note : In case of Fresh BE filing , Message ID= CACHI01

In case of BE Amendment, Message ID=CACHI01_A

<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^]COACHE01^]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>.be

<jobno><year>.beamd

<nnnnn><yyyy>.be

Example: 4571999.be, 12341999.beamd
 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 needs 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 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.

File naming conventions followed for the messages:

Bill of Entry	<File name defined by importer/CHA>.be
Bill of Entry-Amendment	<File name defined by importer/CHA>.beamd
Acknowledgement	<ICEGATE MESSAGE FILE NO>.ack
Negative-acknowledgement	< ICEGATE MESSAGE FILE NO>.nak
Processed BE	<Sequence Number>.chl,
The message consist of Processed BE (<sequence number>.pbe)	
Examination Order - (<Sequence number>.peo,)	
Challan	
Query	<Sequence number>.qry
Query reply	<Sequence Number>.rpl

ICEGATE schema in ICES: Data and Control File Structures

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.

Mapping/relation between structures in

- Service Centre and
- ICES (ICEGATE Schema)

Module Name	Table in ICEGATE Schema in ICES (As extracted from Message Technical Document)	Table/View in Service Centre (As defined in Chapter 2)
1 BE Submission	1A M_CACHI01_MAIN	S_CACHI01_MAIN

		1B	M_CACHI01_EXCHANGE	S_CACHI01_EXCHANGE
		1C	M_CACHI01_PERM	S_CACHI01_PERM
		1D	M_CACHI01_INV	S_CACHI01_INV
		1E	M_CACHI01_MISC_CH	S_CACHI01_MISC_CH
		1F	M_CACHI01_ITEM_DE T	S_CACHI01_ITEM_DE T
		1G	M_CACHI01_LIC	S_CACHI01_LIC
		1H	M_CACHI01_ITEM_RSP	S_CACHI01_ITEM_RSP
		1I	M_CACHI01_DEPB	S_CACHI01_DEPB
		1J	M_CACHI01_BOND	S_CACHI01_BOND
		1K	M_CACHI01_CEX	S_CACHI01_CEX
		1L	M_CACHI01_HSS	S_CACHI01_HSS
		1M	M_CACHI01_REIMPORT	S_CACHI01_REIMPORT
		1N	M_CACHI01_DUTY	S_CACHI01_DUTY
		1O	M_CACHI01_IGMS	S_CACHI01_IGMS
		1P	M_CACHI01_CONT	S_CACHI01_CONT
		1Q	M_CACHI01_CTX	S_CACHI01_CTX
		1R	M_CACHI01_AMEND	S_CACHI01_AMEND
		1S	M_CACHI01_SW_INFO_TYPE	S_CACHI01_SW_INFO_TYPE
		1T	M_CACHI01_SW_CONST	S_CACHI01_SW_CONST
		1U	M_CACHI01_SW_PROD	S_CACHI01_SW_PROD
		1V	M_CACHI01_SW_CTRL	S_CACHI01_SW_CTRL
		1W	M_CACHI01_DECLN_STMT	S_CACHI01_DECLN_STMT
		1X	M_CACHI01_DECLN_SUPP_DOCS	S_CACHI01_DECLN_SUPP_DOCS
		1Y	CONTROL_TABLE_INB_CACHI01	CT_SC_ICE_CACHI01
4	Processed BE	4A	M_CHCAI04	S_CHCAI04
		4B	CONTROL_TABLE_OTB_CHCAI04	CT_ICE_SC_CHCAI04
5	BE Query	5A	M_CHCAI05	S_CHCAI05
		5B	CONTROL_TABLE_OTB_CHCAI05	CT_ICE_SC_CHCAI05
6	Query Reply	6A	There is no counterpart for Service centre in ICES Primary. The details are stored in Control table itself .	S_CACHI06
		6B	CONTROL_TABLE_INB_CACHI06	CT_SC_ICE_CACHI06
7	Out-of-charge BE	7	CONTROL_TABLE_OTB_CHCAI07	-
8	OTP Confirmation	8	CONTROL_TABLE_OTP	-

1 Module: BE Submission

Serial No.	1A
Object Name	M_CACH101_MAIN
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACH101_MAIN
Description	BE Main

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	TYP	C	4	BE Type
8	IEC	C	10	IEC Code
9	BRANCH_SLNO	N	3	Branch Sr. No.
10	IMP_NAME	C	50	Name of the importer
11	IMP_ADD1	C	35	Address 1
12	IMP_ADD2	C	35	Address 2
13	IMP_CITY	C	35	City
14	IMP_STATE	C	25	State
15	IMP_PIN	C	6	Pin
16	IMP_CLASS	C	1	Class
17	MT	C	1	Mode of Transport
18	GOVT	C	1	Importer Type
19	KBE	C	1	Kachcha BE
20	HSS	C	1	High sea sale flag
21	PORG	C	6	Port of Origin
22	CHA_NO	C	15	CHA Code
23	CORG	C	2	Country of Origin
24	CCON	C	2	Country of Consignment
25	POS	C	6	Port Of Shipment
26	GREEN_CHANNEL	C	1	Green Channel Requested
27	SEC_48	C	1	Section 48 Requested
28	PRIOR_BE	C	1	Whether Prior BE
29	AD_CD	C	10	Authorized Dealer Code
30	FIRST_CHK	C	1	First Check Requested
31	WH_CD	C	8	Warehouse Code
32	WSITE_ID	C	6	Warehouse Customs Site ID
33	WBE_NO	N	7	Ware house BE No
34	WBE_DT	Date		Ware house BE Date
35	TOTPKG	N	8	No of packages released
36	PKG_CD	C	3	Package Code
37	GROSS_WT	N	12,3	Gross Weight
38	UQC	C	3	Unit of Measurement

39	XHSS_LOAD_RTA	N	6,2	Additional Charges if any Purchase on high seas
40	MISC_LOAD_RTA	N	6,2	Miscellaneous load
41	FILE_NAME	C	60	<JOB_NO>_<JOB_DT> (JOB_DT Format: DDMMYYYY)
42	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
43	ERR_CD	C	100	Error Code
44	AMEND_NO	N	7	Amendment Number
45	AMEND_DT	Date		Amendment Date
46	APPR_GRP	C	3	Appraising Group

Serial No.	1B
Object Name	M_CACHI01_EXCHANGE
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_EXCHANGE
Description	BE Exchange Rate

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	CURR_CD	C	3	Currency Code
8	STND	C	1	Standard Currency (Y/N)
9	UNIT_IN_RS	N	7,2	Unit in Rs.
10	RATE	N	9,4	Rate
11	EFF_DT	Date		Effective Date
12	BANK_NM	C	35	Bank name for non-standard currency
13	CERTF_NO	C	20	Certificate Number
14	CERTF_DT	Date		Certificate date
15	FILE_NAME	C	60	<JOB_NO>_<JOB_DT> (JOB_DT Format: DDMMYYYY)
16	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
17	ERR_CD	C	100	Error Code
18	AMEND_NO	N	7	Amendment Number
19	AMEND_DT	Date		Amendment Date

Serial No.	1C
Object Name	M_CACHI01_PERM
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_PERM
Description	BE Permission

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	PERM_CD	C	3	Permission Code
8	REQ_TXT	C	2000	Reasons for request
9	FILE_NAME	C	60	<JOB_NO>_<JOB_DT> (JOB_DT Format: DDMMYYYY)
10	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
11	ERR_CD	C	100	Error Code
12	AMEND_NO	N	7	Amendment Number
13	AMEND_DT	Date		Amendment Date

Serial No.	1D
Object Name	M_CACHI01_INV
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_INV
Description	BE Invoice

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	INV_NO	N	5	Invoice Serial Number
8	INV_DT	Date		Invoice Date
9	PO_NO	C	20	Purchase Order Number

10	PO_DT	Date		Purchase Order Date
11	CNTR_NO	C	20	Contract Number
12	CNTR_DT	Date	0	Contract Date
13	LOC_NO	C	20	LC Number
14	LOC_DT	Date		LC Date
15	SVB_NO	C	20	SVB Reference Number
16	SVB_DT	Date		SVB Reference Date
17	SVB_LOAD	N	10,5	SVB load Assessable Value
18	SVB_LOAD_ON_DUTY	N	10,5	SVB load on duty
19	SVB_FLG	C	1	SVB flag
20	SVB_SFLG	C	1	Whether load Final / Provisional on Ass. Value
21	SVB_DSFLG	C	1	Whether load Final / Provisional on duty
22	SVB_CS	C	6	Custom House Code which has imposed load
23	SUP_NM	C	50	Supplier Name
24	SUP_ADD1	C	35	Supplier Address 1
25	SUP_ADD2	C	35	Address 2
26	SUP_ADD3	C	35	Address 3
27	SUP_CNTRY	C	25	Supplier Country Name
28	SUP_PIN	C	10	PIN/ZIP
29	SELL_NM	C	35	Seller Name
30	SELL_ADD1	C	35	Seller Address 1
31	SELL_ADD2	C	35	Seller Address 2
32	SELL_ADD3	C	35	Seller Address 3
33	SELL_CNTRY	C	35	Seller Country Name
34	SELL_PIN	C	10	Seller Pin
35	BRK_NM	C	50	Broker Name
36	BRK_ADD1	C	35	Broker Address 1
37	BRK_ADD2	C	35	Broker Address 2
38	BRK_ADD3	C	35	Broker Address 3
39	BRK_CNTRY	C	35	Broker Country
40	BRK_PIN	C	10	Broker Pin
41	INV_VAL	N	16,2	Invoice value
42	INV_TERM	C	3	Terms of invoice
43	INV_CUR	C	3	Invoice currency
44	NAT_DISC	C	35	Nature of Discount
45	DISC_RT	N	6,4	Discount rate
46	DISC_AMT	N	16,2	Discount Amount
47	HSS_LOAD_RTA	N	6,2	HSS load rate
48	HSS_LOAD_AMT	N	16,2	HSS load amount
49	FRT_VAL	N	16,2	Freight value
50	FRT_RT	N	7,4	Freight rate in %age
51	FRT_FLG	C	1	Whether freight is actual (Y/N)?
52	FRT_CUR	C	3	Freight Currency
53	INS_VAL	N	16,2	Insurance value
54	INS_RT	N	7,4	Insurance Rate
55	INS_CUR	C	3	Insurance currency
56	MIS_CH	N	16,2	Misc. charges
57	MIS_CUR	C	3	Misc. currency
58	MIS_RT	N	7,4	Misc. charges as rate - %

59	LAND_RT	N	7,4	Landing rate
60	LOAD_CH	N	16,2	Loading charges
61	LOAD_CUR	C	3	Loading currency
62	LOAD_RT	N	7,4	Load rate
63	AG_COMM	N	16,2	Agency commission
64	AG_CUR	C	3	Agency commission currency
65	AG_RT	N	7,4	Agency Commission rate
66	TRANS_NAT	C	1	Nature of transaction
67	PAY_TERMS	C	3	Payment terms
68	COND1	C	40	Conditions attached with sale 1
69	COND2	C	40	Conditions attached with sale 2
70	COND3	C	40	Conditions attached with sale 3
71	COND4	C	40	Conditions attached with sale 4
72	COND5	C	40	Conditions attached with sale 5
73	VAL_MTHD	C	40	Valuation method applicable
74	AINV_NO	C	16	Actual invoice Number
75	REL_TXT	C	100	Other relevant information
76	FILE_NAME	C	60	<JOB_NO>_<JOB_DT> (JOB_DT Format: DDMMYYYY)
77	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
78	ERR_CD	C	100	Error Code
79	AMEND_NO	N	7	Amendment Number
80	AMEND_DT	Date		Amendment Date

Serial No.	1E
Object Name	M_CACHI01_MISC_CH
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_MISC_CH
Description	BE Miscellaneous Charges

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	INV_NO	N	5	Invoice Serial No
8	MISC_CD	C	2	Misc. Charges Code
9	MISC_DESC	C	35	Misc. Charges Description
10	MISC_CH	N	10,2	Misc. Charges
11	MISC_RT	N	5,2	Misc. Rate
12	FILE_NAME	C	60	<JOB_NO>_<JOB_DT> (JOB_DT Format: DDMMYYYY)
13	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
14	ERR_CD	C	100	Error Code

15	AMEND_NO	N	7	Amendment Number
16	AMEND_DT	Date		Amendment Date

Serial No.	1F
Object Name	M_CACHI01_ITEM_DET
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_ITEM_DET
Description	BE Item Details

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	INV_NO	N	5	Invoice Serial Number
8	ITEM_NO	N	4	Item Sr. no.
9	NOU	N	16,6	Quantity
10	UQC	C	3	Unit quantity code
11	RITC_CD	C	8	RITC Code
12	ITEM_DESC1	C	60	Item description 1
13	ITEM_DESC2	C	60	Item description 2
14	ITEMC	C	2	Item category (Scheme Code)
15	GEN_DESC	C	60	Generic description of the item
16	ITEM_ACC	C	2000	Accessories for the item
17	MNF_NM	C	50	Manufacturer name
18	BRAND	C	20	Brand name
19	MODEL	20	M	Model C
20	END_USE	C	20	End use of the item
21	CRG	C	2	Country of origin
22	CTH	C	8	CTH
23	PREF	C	1	Preferential(P)/Standard(S)
24	CETH	C	8	CETH
25	BCD_NOTN	C	10	BCD Notification
26	BCD_NSNO	C	10	BCD Notification Sr. No.
27	CVD_NOTN	C	10	CVD Notification
28	CVD_NSNO	C	10	CVD Notification Sr. No
29	AD1_NOTN	C	10	Additional Notn 1
30	AD1_NSNO	C	10	Additional Notn 1 Sr. No.
31	AD2_NOTN	C	10	Additional Notn 2
32	AD2_NSNO	C	10	Additional Notn 2 Sr. No
33	OTH_NOTN	C	10	Other Notn
34	OTH_NSNO	C	10	Other notn Sr. No
35	OTH1_NOTN	C	10	Customs EducationCESS Notn NO
36	OTH1_NSNO	C	10	Customs Education CESS Sr. No

37	Ecenvat_notn	C	10	Excise Education notn
38	Ecenvat_nsno	C	10	Excise Education Sr.No
39	ADD_NOTN	C	10	OTH1_NSNO
40	ADD_NSNO	C	10	NCD Sr. No.
41	AND_NOTN	C	10	Anti-dumping Duty Notn
42	AND_NSNO	C	10	Anti-dumping Duty Sr. NO.
43	CTH_SLNO	C	10	CTH Serial Number
44	SUP_SLNO	C	10	Supplier Sr. No.
45	NOU4	N	16,6	Quantity as per Anti DumpingNotn.
46	TARF_NOTN	C	10	Tariff Value Notn
47	TARF_NSNO	C	10	Tariff Value Item SR. NO.
48	NOU5	N	16,6	Quantity as per Tariff Value Notn.
49	SAPT_NOTN	C	10	SAPTA Notn
50	SAPT_NSNO	C	10	SAPTA Notn. SR.NO
51	HLTH_NOTN	C	10	Health Notn.
52	HLTH_NSNO	C	10	Health Sr. No.
53	CVD05_NOTN	C	10	Additional CVD Notn.
54	CVD05_NSNO	C	10	Additional CVDSrNo.
55	AGGR_NOTN	C	10	Aggregate Duty Notn
56	AGGR_NSNO	C	10	Aggregate Duty Notn, Sr. No.
57	SAFG_NOTN	C	10	Safeguard Duty Notn
58	SAFG_NSNO	C	10	Safeguard Duty Notn Sr. No.
59	UPI	N	16,6	Unit price invoiced
60	DISC_RT	N	6,4	Discount rate
61	DISC_AMT	N	16,2	Discount amount
62	NOU2	N	16,6	Qty as per CTH
63	NOU3	N	16,6	Quantity as per CTH (2 nd spec.)
64	SVB_NO	C	20	SVB Reference Number
65	SVB_DT	Date		SVB Reference date
66	SVB_LOAD	N	10,5	SVB load assessable Value
67	SVB_LOAD_ON_DUTY	N	10,5	SVB load on duty
68	SVB_FLG	C	1	SVB flag
69	SVB_SFLG	C	1	Whether load Final/ Provisional on Assessable value
70	SVB_DSFLG	C	1	Whether load Final/ Provisional On duty
71	SVB_CS	C	6	Custom House Code Which has Imposed load
72	PARA_NO	C	7	Policy Para No
73	POLICY_YR	C	5	Policy year
74	RSP	C	1	Whether RSP declared? (Y/N)
75	REXP	C	1	Whether Re-import(Y/N)
76	PIBE_NO	N	7	Previous BE No.
77	PIBE_DT	Date		Previous BE Date
78	PIUPI	N	16,6	Previous Unit Price
79	PICURR_CD	C	3	Previous Currency Code
80	PICUS_SITE	C	6	Previous Custom Site
81	FILE_NAME	C	60	<JOB_NO>_<JOB_DT> (JOB_DT Format: DDMMYYYY)

82	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
83	ERR_CD	C	100	Error Code
84	AMEND_NO	N	7	Amendment Number
85	AMEND_DT	Date		Amendment Date

Serial No.	1G
Object Name	M_CACHI01_LIC
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_LIC
Description	BE License Details

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	INV_NO	N	5	Invoice Sr. No.
8	ITEM_NO	N	4	Item Sr. N. in invoice
9	SLNO_IN_LIC	C	10	Item Sr. No. in License
10	DEBIT_VAL	N	16,2	Debit value
11	DEBIT_QTY	N	16,2	Debit quantity
12	DEBIT_UQC	C	3	Debit – unit of measurement
13	REGN_NO	N	10	License Regn. NO.
14	REGN_DT	Date		License Regn. Date
15	LIC_CD	C	2	License Code
16	POR	C	6	RA/License Regn. Port
17	FILE_NAME	C	60	<JOB_NO>_<JOB_DT> (JOB_DT Format: DDMMYYYY)
18	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
19	ERR_CD	C	100	Error Code
20	AMEND_NO	N	7	Amendment Number
21	AMEND_DT	Date		Amendment Date

Serial No.	1H
Object Name	M_CACHI01_ITEM_RSP
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_ITEM_RSP
Description	BE RSP Details

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	INV_NO	N	5	Invoice Sr. No.
8	ITEM_NO	N	4	Item Sr. N. in invoice
9	SLNO	N	4	Serial Number of RSP
10	RSP	N	16,2	RSP (in Rs.)
11	NOU	N	16,6	Quantity
12	QTY_DESC	C	40	Description item
13	RSP_NOTN	C	10	RSP Notification
14	RSP_NSNO	C	10	RSP Notification Serial No.
15	FILE_NAME	C	60	<JOB_NO>_<JOB_DT> (JOB_DT Format: DDMMYYYY)
16	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
17	ERR_CD	C	100	Error Code
18	AMEND_NO	N	7	Amendment Number
19	AMEND_DT	Date		Amendment Date

Serial No.	1I
Object Name	M_CACHI01_DEPB
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_DEPB
Description	BE DEP B Details

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code

5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	INV_NO	N	5	Invoice Sr. No.
8	ITEM_NO	N	4	Item Sr. N. in invoice
9	EXMP_REQ	C	1	Whether exemption required?
10	BCD_NOTN	C	10	BCD Notification
11	BCD_NSNO	C	10	BCD Notn. Sr. No.
12	FILE_NAME	C	60	<JOB_NO>_<JOB_DT> (JOB_DT Format: DDMMYYYY)
13	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
14	ERR_CD	C	100	Error Code
15	AMEND_NO	N	7	Amendment Number
16	AMEND_DT	Date		Amendment Date

Serial No.	1J
Object Name	M_CACHI01_BOND
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_BOND
Description	BE Bond Details

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	BOND_NO	N	10	Bond Number
8	BOND_CD	C	2	Bond Code
9	POR	C	6	Bond Port
10	FILE_NAME	C	60	<JOB_NO>_<JOB_DT> (JOB_DT Format: DDMMYYYY)
11	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
12	ERR_CD	C	100	Error Code
13	AMEND_NO	N	7	Amendment Number
14	AMEND_DT	Date		Amendment Date

Serial No.	1K
Object Name	M_CACHI01_CEX
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_CEX
Description	BE Certificate Details

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	CERT_NO	C	30	Certificate Number
8	CERT_DT	Date		Certificate Date
9	CERT_TYPE	C	2	Certificate Type
10	FILE_NAME	C	60	<JOB_NO>_<JOB_DT> (JOB_DT Format: DDMMYYYY)
11	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
12	ERR_CD	C	100	Error Code
13	AMEND_NO	N	7	Amendment Number
14	AMEND_DT	Date		Amendment Date

Serial No.	1L
Object Name	M_CACHI01_HSS
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_HSS
Description	BE HSS Details

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	IEC	C	10	IEC
8	BRANCH_SLNO	N	3	Branch Serial Number
9	IMP_NAME	C	50	Importer Name
10	IMP_ADD1	C	35	Importer Address 1
11	IMP_ADD2	C	35	Importer Address 2

12	IMP_CITY	C	35	Importer City
13	IMP_PIN	C	6	Importer Pin
14	FILE_NAME	C	60	<JOB_NO>_<JOB_DT> (JOB_DT Format: DDMMYYYY)
15	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
16	ERR_CD	C	100	Error Code
17	AMEND_NO	N	7	Amendment Number
18	AMEND_DT	Date		Amendment Date

Serial No.	1M
Object Name	M_CACHI01_REIMPORT
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_REIMPORT
Description	BE Re-import Details

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	INV_NO	N	5	Invoice Serial Number
8	ITEM_NO	N	4	Item Sr. No. in invoice
9	SB_NO	N	7	SB No.
10	SB_DT	Date		SB Dt
11	PORT	C	6	Port of Export
12	SB_INV_SERNO	N	2	Invoice No. (SB)
13	SB_ITEM_NO	N	4	Item No. (SB)
14	NOTN_NO	C	10	Notification No.
15	NOTN_SLNO	C	10	Notification Sr. No.
16	EXP_FRT	N	16,2	Export freight
17	EXP_INS	N	16,2	Export Insurance
18	BCD_AMT	N	16,2	Customs duty
19	CVD_AMT	N	16,2	Excise duty
20	FILE_NAME	C	60	<JOB_NO>_<JOB_DT> (JOB_DT Format: DDMMYYYY)
21	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
22	ERR_CD	C	100	Error Code
23	AMEND_NO	N	7	Amendment Number
24	AMEND_DT	Date		Amendment Date

Serial No.	1N
Object Name	M_CACHI01_DUTY
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_DUTY
Description	BE Duty Details

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	INV_NO	N	5	Invoice Serial Number
8	ITEM_NO	N	4	Item Sr. No. in invoice
9	NOTN_NO	C	10	Notification No
10	NOTN_SLNO	C	10	Notification Ser. No
11	DTY_TYP	C	1	Duty Type
12	ADL_FLG	C	1	Additional Duty Flag
13	EXMP_NOTN_NO	C	10	Exemption Notification No.
14	EXMP_NOTN_SLNO	C	10	Exemption Notification Sr. No
15	EXMP_NOTN_TYPE	C	1	Exemption Notification Type (G/C)
16	FILE_NAME	C	60	<JOB_NO>_<JOB_DT> <JOB_DT format DDMMYYYY>
17	UNIQUE_ID	C	30	Unique ID Generated by ICEGATE
18	ERR_CD	C	100	Error Code
19	AMEND_NO	N	7	Amendment Number
20	AMEND_DT	Date		Amendment Date

Duty Type:

Duty type has to entered as

'E' for Excise

G for GST Duty

C for Customs

Addl. Duty Flag:

For Duty type 'E' :

It is to be provided as 'X' only since the duty is calculated as excise duty.

Presently it is used for notn. 190/78 (Duty type 'E' and addl. Duty flag 'X')

The duty is calculated as excise duty.

This table is modified for entering any new duty comes in future whether it is General exemption or levy. In case of Levy, the addl. Duty flag should be entered as 'L'.

For Duty Type 'G' (IGST):

The flag for IGST is 'I'

The flag for State Compensationcess is: 'P'

For Duty Type 'C' (Customs)

The Addl. Duty flag for Customs Health Cess : '+'

The Addl. Duty flag for CAIDC : 'A'

For Duty Type 'E' (Excise)

The Addl. Duty flag for EAIDC : 'A'

Customs NOTN Exempting IGST Flag : G- GST, C-Customs

Serial No.	10
Object Name	M_CACHI01_IGMS
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_IGMS
Description	BE IGM Details

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	IGM_RTN	N	7	IGM Number
8	IGM_DT	Date		IGM Date
9	INW_DT	Date		Inward date
10	GIGM_RTN	N	7	Gateway IGM Number
11	GIGM_DT	Date		Gateway IGM date
12	PORT_REP	C	6	Port of reporting
13	MAWB_NO	C	20	BL number
14	MAWB_DT	Date		BL date
15	HAWB_NO	C	20	House BL Number
16	HAWB_DT	Date		House BL Date
17	TOTPKG	N	8	Total number of packages
18	GROSS_WT	N	8,2	Gross weight
19	UQC	C	3	Unit of measurement
20	PKG_CD	C	3	Package code
21	MRKNUM1	C	40	Marks & Numbers
22	MRKNUM2	C	40	Marks & Numbers
23	MRKNUM3	C	40	Marks & Numbers
24	FILE_NAME	C	30	<JOB_NO>_<JOB_DT> (JOB_DT Format: DDMMYYYY)
25	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
26	ERR_CD	C	100	Error Code
27	AMEND_NO	N	7	Amendment Number
28	AMEND_DT	Date		Amendment Date

Serial No.	1P
Object Name	M_CACHI01_CONT
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_CONT
Description	BE Container Details

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	IGM_RTN	N	7	IGM Number
8	IGM_DT	Date		IGM Date
9	LCFC	C	1	LCL/FCL
10	CONT_NO	C	11	Container Number
11	SEAL_NO	C	10	Seal Number
12	TRUCK_NO	C	20	Truck Number
13	FILE_NAME	C	60	<JOB_NO>_<JOB_DT> (JOB_DT Format: DDMMYYYY)
14	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
15	ERR_CD	C	100	Error Code
16	AMEND_NO	N	7	Amendment Number
17	AMEND_DT	Date		Amendment Date

Serial No.	1Q
Object Name	M_CACHI01_CTX
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_CTX
Description	BE Commercial Tax Details

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	STATE_CD	C	2	State Code
8	CTX_TYP	C	1	Commercial Tax Type - VAT/CST/SLT (V/C/S)

9	CTX_NO	C	20	Commercial Tax Regn. No.
10	FILE_NAME	C	60	<JOB_NO>_<JOB_DT> (JOB_DT Format: DDMMYYYY)
11	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
12	ERR_CD	C	100	Error Code
13	AMEND_NO	N	7	Amendment Number
14	AMEND_DT	Date		Amendment Date

Serial No.	1R
Object Name	M_CACHI01_AMEND
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_AMEND
Description	BE – Amendment Control Table

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type (A/S/D)
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	AMEND_CD	C	10	Amendment Code
8	REASONS	C	4000	Reasons for Amendment
9	REQ_LET_NO	C	10	Request Letter Number
10	REQ_DT	Date		Request Date
11	FILE_NAME	C	60	<JOB_NO>_<JOB_DT> (JOB DT Format: DDMMYYYY)
12	UNIQUE_ID	C	30	Unique Id generated by ICEGATE
13	ERR_CD	C	100	Error Code
14	AMEND_NO	N	7	Amendment Number
15	AMEND_DT	Date		Amendment Date

Serial No.	1S
Object Name	M_CACHI01_SW_INFO_TYPE
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_SW_INFO_TYPE
Description	BE – Single WindowInfo Type Table

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type (A/S/D)

2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	INV_NO	N	5	Invoice Number
8	ITEM_NO	N	4	Item Number
9	INFO_TYP	C	3	Info Type
10	INFO_QFR	C	100	Info Qualifier
11	INFO_CD	C	100	Info Code
12	INFO_TXT	C	100	Info Text
13	INFO_MSR	N	16,6	Info Measure
14	INFO_UQC	C	100	UQC

Serial No.	1T
Object Name	M_CACHI01_SW_CONST
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_SW_CONST
Description	BE – Single WindowInfo Const Table

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type (A/S/D)
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	INV_NO	N	5	Invoice Number
8	ITEM_NO	N	4	Item Number
9	CONST_NO	N	3	Constituent Number
10	CONST_ELMNT_NM	C	256	Constituent Element Name
11	CONST_ELMNT_CD	C	17	Constituent Element Code
12	CONST_PCT	N	6,3	Constituent Percentage
13	CONST_YPCT	N	6,3	Constituent Yield Percentage
14	ACT_INGR	C	1	Active Ingredient

Serial No.	1U
Object Name	M_CACHI01_SW_PROD
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_SW_PROD
Description	BE – Single WindowInfo Production Table

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type (A/S/D)
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	INV_NO	N	5	Invoice Number
8	ITEM_NO	N	4	Item Number
9	PROD_BATCH_NO	C	17	Production Batch Identifier
10	PROD_BATCH_QTY	N	16,6	Production Batch Quantity
11	UQC	C	3	UQC
12	MNF_DT	Date		Date of Manufacturing
13	EXP_DT	Date		Date of Expiry
14	BEST_BFR	Date		Best Before

Serial No.	1V
Object Name	M_CACHI01_SW_CTRL
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_SW_CTRL
Description	BE – Single WindowInfo Control Table

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type (A/S/D)
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	BE_NO	N	7	BE Number
6	BE_DT	Date		BE Date
7	INV_NO	N	5	Invoice Number
8	ITEM_NO	N	4	Item Number
9	CTRL_CD	C	17	Control Type Code
10	CTRL_LOC	C	17	Control Location
11	CTRL_START_DT	Date		Control Start Date
12	CTRL_END_DT	Date		Control End Date
13	CTRL_RES_CD	C	17	Control Result Code
14	CTRL_RES_TXT	C	4000	Control Result Text
15	CTRL_MSR	C	16,6	Control Measure (Qty)
16	CTRL_UQC	C	3	Control UQC
17	CTRL_SLNO	N	3	Control SIno

Serial No.	1W
Object Name	M_CACHI01_DECLN_STMT
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_DECLN_STMT
Description	BE – Single Window Declaration Statement Table

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type (A/S/D)
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	DECLN_TYPE	C	3	Declaration Type
6	DECLN_NO	N	7	Declaration Number
7	DECLN_DT	Date		Declaration Date
8	INV_NO	N	5	Invoice Number
9	ITEM_NO	N	4	Item Number
10	STMT_TYPE	C	3	Statement Type
11	STMT_CD	C	7	Statement Code
12	STMT_TXT	C	4000	Statement Text

Serial No.	1X
Object Name	M_CACHI01_DECLN_SUPP_DOCS
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICES
Mapped table in SC	S_CACHI01_DECLN_SUPP_DOCS
Description	BE – Single Window Declaration Supporting Docs Table

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type (A/S/D)
2	JOB_NO	N	7	Job No.
3	JOB_DT	Date		Job Date
4	SITE_ID	C	6	Custom House Code
5	DECLN_TYP	C	1	Declaration Type
6	DECLN_NO	N	7	Declaration Number
7	DECLN_DT	Date		Declaration Date
8	INV_NO	N	5	Invoice Number
9	ITEM_NO	N	4	Item Number
10	CHA_NO	C	15	CHA Number
11	IEC	C	10	Importer/Exporter Code
12	ICEGATE_ID	C	15	ICEGATE User ID
13	IRN_NO	C	16	Image Reference Number

14	DOC_TYPE		C	6	Document Type code
15	DOC_ISS_PARTY_CD		C	35	Document Issuing Party Code
16	DOC_ISS_NM		C	70	Document Issuing Party Name
17	DOC_ISS_ADD1		C	70	Document Issuing Party Addr1
18	DOC_ISS_ADD2		C	50	Document Issuing Party Addr2
19	DOC_ISS_CITY		C	35	Document Issuing Party City
20	DOC_ISS_PIN		C	10	Document Issuing Party Pin
21	DOC_REF_NO		C	17	Document Reference Number
22	DOC_ISS_PLACE		C	35	Place of Issue
23	DOC_ISS_DT		Date		Document Issue date
24	DOC_EXP_DT		Date		Documents Expiry Date
25	DOC_BENF_PARTY_CD	C		6	Document Beneficiary Party Code
26	DOC_BENF_NM		C	70	Document Beneficiary Party Name
27	DOC_BENF_ADD1		C	70	Document Beneficiary Party Add1
28	DOC_BENF_ADD2		C	50	Document Beneficiary Party Add2
29	DOC_BENF_CITY	C		35	Document Beneficiary Party City
30	DOC_BENF_PIN		C	10	Document Beneficiary Party Pin
31	FILE_TYPE		C	5	File Type

Serial No.	1Y
Object Name	CONTROL_TABLE_INB_CACHI01
Object Type	Control Table
Location	ICEGATE Schema of ICES
Purpose	To control data access to ICES
Mapped table in SC	2.1 CT_SC_ICE_CACHI01
Description	BE Submission – 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/S/A /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/	W/S	C	1
	ICEGATE			
ACK_CREATED_TIMESTAMP	ICES		C	
ACK_SENT_OR_RECEIVED_TMSTMP	ICEGATE		C	
MESG_TYP	ICEGATE	F/A/S/D	C	1
REQUESTED_BY	ICEGATE	LIST GIVEN BELOW	C	35
REQUETED_TYP	ICEGATE		C	3

List:

Requested_Typ	Requested_code
1	Custom Broker/CHA
2	IEC Holders
3	Shipping Lines
4	Air Lines
5	Console Agents
6	Air Agents
7	Shipping Agents
8	Others
9	Custodian
10	UIN/Non IEC Holder
11	Partner Govt. Agencies/PGA
12	Eseal Vendor

4 Module: Processed BE

Serial No.	4A
Object Name	M_CHCAI04
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICEGATE
Mapped table in SC	S_CHCAI04
Description	Processed BE (ICES → ICEGATE → Service Center)

Sr. No.	Field Name	Type	Field Length	Field Description
1	2.1.1.1.1.1 MESG_TYP	C	1	Message type (Always F)
2	SITE_ID	C	6	Custom House Code
3	BE_NO	N	7	BE No.
4	BE_DT	Date		BE Date
5	CHA_NO	C	20	CHA/IEC User Id
6	CHALLAN_NO	C	10	CHALLAN No.
7	PRINT_FILE_BE	C	60	BE Print file – Location

Serial No.	4B
Object Name	CONTROL_TABLE_OTB_CHCAI04
Object Type	Control Table
Location	ICEGATE Schema of ICES
Purpose	To control data access to ICEGATE
Mapped table in SC	CT_ICE_SC_CHCAI04
Description	Processed BE – Control Table

Field Name	Filled/Updated By	Comments	Field Type	Field Length
UNIQUE_ID	ICES		C	30
SENDER_ID	ICES	Site ID	C	30
SENDER_ID_QUALIFIER	ICES	ZZ	C	2
RECEIVER_ID	ICES	Recipient ID	C	30
RECEIVER_ID_QUALIFIER	ICES	ZZ	C	2
FILE_NAME	ICES		C	60
STATUS_FLAG	ICES/ ICEGATE	Values W/P/S/A	C	1
CREATED_TIMESTAMP	ICES	Timestamp of the machine.	C	
PROCESSED_TIMESTAMP	ICEGATE		C	
SENT_OR_RECEIVED_TIMESTAMP	ICES		C	
ACKNOWLEDGED_TIMESTAMP	ICES		C	
LAST_UPDATED_TIMESTAMP	ICES		C	
CREATED_USER_ID	ICES		C	30

PROCESSED_USER_ID	ICEGATE		C	30
LAST_UPDATED_USER_ID	ICEGATE		C	30
JOB_SEQUENCE_ID	ICEGATE		N	2
ERR_CD	ICEGATE		C	100
ACK_STATUS_FLAG	ICEGATE/	W/S	C	1
	ICES			
ACK_CREATED_TIMESTAMP	ICES		C	
ACK_SENT_OR_RECEIVED_TMSTMP	ICES		C	
SITE_ID	ICES	Key	C	6
BE_NO	ICES	Key	N	7
BE_DT	ICES	Key	Date	

5 Module: Query Raised by Customs

Serial No.	5A
Object Name	M_CHCAI05
Object Type	Data View
Location	ICEGATE Schema of ICES
Purpose	To provide data access to ICEGATE
Mapped table in SC	S_CHCAI05
Description	BE Query (ICES → ICEGATE → Service Center)

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type (Always F)
2	SITE_ID	C	6	Custom House Code
3	BE_NO	N	7	BE No.
4	BE_DT	Date		BE Date
5	QUERY_NO	N	4	Query Number
6	QUERY_DT	Date		Query Date
7	QUERY_TEXT	C	2000	Query Text

Serial No.	5B
Object Name	CONTROL_TABLE_OTB_CHCAI05
Object Type	Control Table
Location	ICEGATE Schema of ICES
Purpose	To control data access to ICEGATE
Mapped table in SC	CT_ICE_SC_CHCAI05
Description	BE Query – Control Table

Field Name	Filled/ Updated By	Comments	Field Type	Field Length
UNIQUE_ID	ICES		C	30
SENDER_ID	ICES	Site ID	C	30
SENDER_ID_QUALIFIER	ICES	ZZ	C	2
RECEIVER_ID	ICES	Recipient ID	C	30
RECEIVER_ID_QUALIFIER	ICES	ZZ	C	2
FILE_NAME	ICES		C	60
STATUS_FLAG	ICES/ ICEGATE	Values W/P/S/A	C	1
CREATED_TIMESTAMP	ICES	Timestamp of the machine.	C	
PROCESSED_TIMESTAMP	ICEGATE		C	
SENT_OR_RECEIVED_TIMESTAMP	ICES		C	
ACKNOWLEDGED_TIMESTAMP	ICES		C	
LAST_UPDATED_TIMESTAMP	ICES		C	
CREATED_USER_ID	ICES		C	30
PROCESSED_USER_ID	ICEGATE		C	30
LAST_UPDATED_USER_ID	ICEGATE		C	30
JOB_SEQUENCE_ID	ICEGATE		N	2
ERR_CD	ICEGATE		C	100
ACK_STATUS_FLAG	ICEGATE/ ICES	W/S	C	1
ACK_CREATED_TIMESTAMP	ICES		C	
ACK_SENT_OR_RECEIVED_TMSTMP	ICES		C	
SITE_ID	ICES	Key	C	6
BE_NO	ICES	Key	N	7
BE_DT	ICES	Key	Date	
QUERY_NO	ICES	Key	N	4

6 Module: Query Reply by CHA/Importer

Serial No.	6A
Object Name	CONTROL_TABLE_INB_CACHI06
Object Type	Data + Control Table
Location	ICEGATE Schema of ICES
Purpose	To provide data + control data access to ICES
Mapped table in SC	2.2 S_CACHI06 + CT_SC_ICE_CACHI06
Description	BE Query Reply – Data + Control Table

Field Name	Filled/ Updated By	Comments	Field Type	Field Length
MESG_TYP	ICEGATE	Message type	C	1
SITE_ID	ICEGATE	Custom House Code	C	6
BE_NO	ICEGATE	BE Number	N	7
BE_DT	ICEGATE	BE Date	Date	
QUERY_NO	ICEGATE	Query Number	N	4
REPLY_SUBMIT_DT	ICEGATE	Reply submission date	Date	
REPLY	ICEGATE	Reply entered	C	2000
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/S/A /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	
MESG_TYP	ICEGATE	F/A/S/D	C	1

7 Module: Out-of-charge BE

Serial No.	7
Object Name	CONTROL_TABLE_OTB_CHCAI07
Object Type	Control Table
Location	ICEGATE Schema of ICES
Purpose	To control data access to ICEGATE
Mapped table in SC	
Description	Out-of-charge BE – Control Table

Field Name	Filled/ Updated By	Comments	Field Type	Field Length
UNIQUE_ID	ICES		C	30
SENDER_ID	ICES	Site ID	C	30
SENDER_ID_QUALIFIER	ICES	ZZ	C	2
RECEIVER_ID	ICES	Recipient ID	C	30
RECEIVER_ID_QUALIFIER	ICES	ZZ	C	2
FILE_NAME	ICES		C	60
STATUS_FLAG	ICES/ ICEGATE	Values W/P/S/A	C	1
CREATED_TIMESTAMP	ICES	Timestamp of the machine.	C	
PROCESSED_TIMESTAMP	ICEGATE		C	
SENT_OR_RECEIVED_TIMESTAMP	ICES		C	
ACKNOWLEDGED_TIMESTAMP	ICES		C	
LAST_UPDATED_TIMESTAMP	ICES		C	
CREATED_USER_ID	ICES		C	30
PROCESSED_USER_ID	ICEGATE		C	30
LAST_UPDATED_USER_ID	ICEGATE		C	30
JOB_SEQUENCE_ID	ICEGATE		N	2
ERR_CD	ICEGATE		C	100
ACK_STATUS_FLAG	ICEGATE/ ICES	W/S	C	1
ACK_CREATED_TIMESTAMP	ICES		C	
ACK_SENT_OR_RECEIVED_TMSTMP	ICES		C	
SITE_ID	ICES	Key	C	6
BE_NO	ICES	Key	N	7
BE_DT	ICES	Key	Date	
PRINT_FILE_OOC_BE	ICES		C	60

On OOC, the printable BE file is generated and copied to a specified folder for ICEGATE to transmit the same to the importer for taking printout.

8 Module: OTP Confirmation by ICEGATE

Serial No.	8
Object Name	CONTROL_TABLE_OTP
Object Type	Control Table
Location	ICEGATE Schema of ICES
Purpose	To control data access to ICEGATE
Mapped table in SC	
Description	OTP Confirmation from ICEGATE – Control Table

Field Name	Filled/ Updated By	Comments	Field Type	Field Length
UNIQUE_ID	ICES		C	30
SENDER_ID	ICES	Site ID	C	30
RECEIVER_ID	ICES	Recipient ID(IEC)	C	30
RECEIVER_ID_QUALIFIER	ICES	('I' – Importer)	C	2
PROCESSED_TIMESTAMP	ICEGATE	(Mail sending)	C	
SENT_OTP_TIMESTAMP	ICEGATE	(OTP Sending)	C	
OTP_VERIFICATION_TIMESTAMP	ICEGATE	(OTP Verification)	C	
OTP_ACK_TIMESTAMP	ICES		C	
CREATED_USER_ID	ICES		C	30
PROCESSED_USER_ID	ICEGATE		C	30
SENT_OTP_USER_ID	ICEGATE		C	30
ACK_STATUS_FLAG	ICEGATE/ ICES	W/S	C	1
STATUS_FLAG	ICES/ ICEGATE	Values W/P/S/A	C	1
CREATED_TIMESTAMP	ICES	Timestamp of the machine.	C	
PROCESSED_TIMESTAMP	ICEGATE		C	
SITE_ID	ICES	Key	C	6
DOC_NO (BE NO)	ICES	Key	N	7
DOC_DT (BE DATE)	ICES	Key	Date	
DOC_TYPE(EBE- EDI BE)	ICES	Key	C	4
OTP_TYPE('UTG')	ICES	Key	C	4
OTP_CODE('DEF01')	ICES	Key	C	6

ICES will insert one record for OTP Confirmation in the above table. Icegate shall send mail to AEO Importers registered with them. On verification ICEGATE has to provide the following information in the table.

OTP_VERIFICATION_TIMESTAMP
ACK_STATUS_FLAG "W"

Chapter 3

Service Centre Module Objects

Introduction

Service Centre module provides a host of services to the external stakeholders - Customs House Agent (CHA), Shipping Agent (SA), Consol Agent (CA), Importer /Exporter and so on. Data Entry/Processing personnel deployed at the Service Centre act as the human interface between these service-seekers and Customs and they use the ICES Service Centre Module to process the end-user requests.

Some of the key facilities provided through Service Centre Module are:

- Job Creation
- Checklist Generation
- Job Submission
- Amendment request entry
- Query print-out & entry of reply
- Printing of processed documents
- Printing of duty Challans
- Document Status Enquiry
- Submission of EDI documents through Floppy

Key documents processed through Service Centre

- Input
 - Bill of Entry
 - Shipping Bill
 - IGM
 - EGM
 - Consol Manifest
 - License
 - Amendment Requests
 - Query Reply

Under consolidated environment, the Service Centre application would be running on a system isolated from ICES. However, the application will have access to the required directories. The document processing flow is described below:

Document entry:

The application will enable creation of document. Only Directory validation will be done in the entry stage License, Bond and IGM validation will be carried-out at the ICES-end at processing stage.

Checklist printing:

Provision will be given to operation for generation of Checklist.

Submission:

The submission process would flag the job for submission to ICES and insert a record in Control Table

Amendment entry:

Amendment Entry application will allow user to enter the amendment details of Shipping Bill. Only the amended details of SB required to be entered along with the key parameter. Only Directory validation will be done in the Amendment entry stage and the validation of data will be carried-out at the ICES-end at processing stage. During Amendment entry of SB, three fields - AMD_TYPE, AMEND_NO and AMEND_DT - are required. The values for these fields will be automatically generated by the form. Explanation of the above mentioned fields are as follows.

For each amendment, system generates a unique number and stores the same along with the system date to the AMEND_NO and AMEND_DT fields respectively. The amendment type (update, delete, insert) is stored in AMD_TYPE field separately. For example, if scheme code of an item is changed to '06' from '00, unique AMEND_NO+AMEND_DT will be generated and all the records in different tables (S_CACHE01_ITEM, S_CACHE01_DEPB and S_CACHE01_DEPBARENT) will be tagged with these values to achieve linking of amended records. System facilitates filing of multiple amendment requests for the same SB. Each amendment will be identified with a unique AMEND_NO+AMEND_DT. At the time of submission of amendment request, a single FILE_NAME will be assigned to these amendments. In case of amendment a control table is used (S_CACHE01_AMEND_HISTORY), which keep track of each amendment of SB with amendment type.

ICEGATE:

The ICEGATE application has to select the Job from the Control Table and pick up the data from the view / table in Service Centre and update the Control Table. The ICEGATE application will put the information in respective tables in the ICEGATE schema and an entry in Control Table for information to ICES for processing.

ICEGATE will also pick acknowledgement (negative / positive) information from ICES view / table and populate in Service Centre table and insert / update control information.

Module will also be provided in the Service Centre to view/ Print error list / acknowledgement.

ICES:

Data Processing at ICES will be similar to remote submission.

For information on query, entry of reply for the query, and processed document print the process will remain the same.

Data and Control File Structures

Service Center application would create a set of view/table and corresponding control tables on Service Center System. Based on the Control Table information, ICEGATE application has to pick-up the information and populates in the corresponding Tables in the ICEGATE schema of ICES and updates the Control Table in the Service Center. The ICEGATE application shall also insert a record in Control Table in ICEGATE schema for use ICES Submission application.

The data table structures in Service center are mapped to objects in ICES instance as defined in Chapter I. The naming conventions for all data tables are also same except for the fact that the ICES objects start with M_ whereas the Service Center objects start with S_. The fields of the mapped tables are same except that the following 4 fields present in ices Primary tables are absent in Service Center tables:

- UNIQUE_ID
- ERR_CD
- AMEND_NO
- AMEND_DT

All the Service Center objects defined in this document reside in the schema GXS_BE_IMP – which is also referred to as ICEGATE schema.

List of Message Modules/objects

The list of the Service Center objects along with the corresponding mapped objects in ICES is shown in the table below:

Module Name	Table/View Name	Purpose
1 BE Submission	1A S_CACHIO1_MAIN	Data View (BE Main)
	1B S_CACHIO1_EXCHANGE	Data View (Exchange Rate)
	1C S_CACHIO1_PERM	Data View (Permission)
	1D S_CACHIO1_INV	Data View (Invoice)
	1E S_CACHIO1_MISC_CH	Data View (Misc. Charges)
	1F S_CACHIO1_ITEM_DE T	Data View (Item)
	1G S_CACHIO1_LIC	Data View (License)
	1H S_CACHIO1_ITEM_RSP	Data View (RSP)
	1I S_CACHIO1_DEPB	Data View (DEPB)
	1J S_CACHIO1_BOND	Data View (Bond)
	1K S_CACHIO1_CEX	Data View (Certificate)
	1L S_CACHIO1_HSS	Data View (HSS)
	1M S_CACHIO1_REIMPORT	Data View (Re-import)
	1N S_CACHIO1_DUTY	Data View (Duty)
	1O S_CACHIO1_IGMS	Data View (IGM)
	1P S_CACHIO1_CONT	Data View (Container)
	1Q S_CACHIO1_CTX	Data View (Commercial Tax)
	1R S_CACHE01_AMEND	Data View (Amendment Control Table)
	1S CT_SC_ICE_CACHIO1	Control Table
	1T A_CACHIO1	Acknowledgement Table (CACHIO1A)
4 Processed BE	4A S_CHCAI04	Table for incoming data
	4B CT_ICE_SC_CHCAI04	Control Table
5 Query	5A S_CHCAI05	Table for incoming data
	5B CT_ICE_SC_CHCAI05	Control Table
6 Query-Reply	6A S_CACHIO6	Data View (Query-Reply)
	6B CT_SC_ICE_CACHIO6	Control Table

1 Module: BE Submission

Format of tables 1.A (S_CACHIO1_MAIN) through 1.R (S_CACHIO1_AMEND) are similar to the corresponding objects in ICES Primary except for the following difference:

The following 4 fields present in ices Primary tables are absent in Service Center tables:

- UNIQUE_ID
- ERR_CD
- AMEND_NO
- AMEND_DT

Structures of tables 1.S (CT_SC_ICE_CACHIO1) and 1.T (A_CACHE01) are given below:

Serial No.	1S
Control Table Name	CT_SC_ICE_CACHIO1
Location	Service Center Schema

Field Name	Filled/ Updated By	Comments	Field Type	Field Length
UNIQUE_ID	SC	Unique ID	C	30
SENDER_ID	SC	SERCEN	C	6
SENDER_ID_QUALIFIER	SC	ZZ	C	2
RECEIVER_ID	SC	Site ID	C	30
RECEIVER_ID_QUALIFIER	SC	ZZ	C	2
STATUS_FLAG	SC/ ICEGATE	Values W/P/S/A	C	1
CREATED_TIMESTAMP	SC	Timestamp of the machine.	C	
PROCESSED_TIMESTAMP	ICEGATE		C	
SENT_OR_RECEIVED_TIMESTAMP	ICEGATE		C	
ACKNOWLEDGED_TIMESTAMP	ICEGATE		C	
LAST_UPDATED_TIMESTAMP	ICEGATE		C	
CREATED_USER_ID	SC		C	30
PROCESSED_USER_ID	ICEGATE		C	30
LAST_UPDATED_USER_ID	ICEGATE		C	30
ACK_STATUS_FLAG	ICEGATE/ SC	W/S/P	C	1
ACK_CREATED_TIMESTAMP	ICEGATE		C	
ACK_SENT_OR_RECEIVED_TMSTMP	SC		C	
FILE_NAME	SC	Key	C	60
MESG_TYP	SC	F/A/S/D	C	1

Serial No.	1T (Acknowledgement Message)
Data Table/View Name	A_CACHI01
Location	Service Center Schema
Form Description	Acknowledgement: BE Message
Equivalent Message	CACHI01A
Generated by	ICES (Sent to Service Center)

Sr. No.	Field Name	Type	Field Length	Field Description
1	SITE_ID	C	6	Custom House Code
2	JOB_NO	N	7	User Job No.
3	JOB_DT	Date		User Job Date
4	BE_NO	N	7	BE Number
5	BE_DT	Date		BE Date
6	TYP	C	4	BE Type
7	INV_NO	Date		Invoice Serial Number
8	ITEM_NO	N	4	Item Sr. no.
9	REGN_NO	N	10	License Regn. No.
10	REGN_DT	Date		License Regn. Date
11	BOND_NO	N	10	Bond Number
12	CERT_NO	C	30	Certificate Number
13	IGM_RTN	N	7	IGM Number
14	IGM_DT	Date		IGM Date
15	MAWB_NO	C	20	BL number
16	HAWB_NO	C	20	House BL Number
17	CONT_NO	C	11	Container Number
18	CTX_NO	C	20	Commercial Tax Registration No.
18	ERR_CD	C	100	Error Code
19	AMEND_NO	N	7	Amendment Number
20	AMEND_DT	Date		Amendment Date
21	APPR_GRP	C	3	Appraising Group
22	TAB_NAME	C	8	Table Segment Name
23	FILE_NAME	C	60	Original File Name

4 Module: Processed BE

Serial No.	4A
Data Table/View Name	S_CHCAI04 (Table for incoming data)
Location	Service Center Schema
Form Description	Processed BE Message
Equivalent Message	CHCAI04
Generated by	ICES (Sent to Service Center)

Sr. No.	Field Name	Type	Field Length	Field Description
1	2.2.1.1.1 MESG_TYP	C	1	Message type (Always F)
2	SITE_ID	C	6	Custom House Code
3	BE_NO	N	7	BE No.
4	BE_DT	Date		BE Date
5	CHA_NO	C	20	CHA/IEC User Id
6	CHALLAN_NO	C	10	CHALLAN No.
7	PRINT_FILE_BE	C	60	BE Print file – Text
8	UNIQUE_ID	C	30	Unique Id generated by ICEGATE

Serial No.	4B
Control Table Name	CT_ICE_SC_CHCAI04
Location	Service Center Schema

Field Name	Filled/ Updated By	Comments	Field Type	Field Length
UNIQUE_ID	ICEGATE	Unique ID	C	30
SENDER_ID	ICEGATE	SERCEN	C	6
SENDER_ID_QUALIFIER	ICEGATE	ZZ	C	2
RECEIVER_ID	ICEGATE	Site ID	C	30
RECEIVER_ID_QUALIFIER	ICEGATE	ZZ	C	2
STATUS_FLAG	ICEGATE/SC	Values W/P/S/A	C	1
CREATED_TIMESTAMP	ICEGATE	Timestamp of the machine.	C	
PROCESSED_TIMESTAMP	SC		C	
SENT_OR_RECEIVED_TIMESTAMP	SC		C	
ACKNOWLEDGED_TIMESTAMP	SC		C	
LAST_UPDATED_TIMESTAMP	SC		C	
CREATED_USER_ID	ICEGATE		C	30
PROCESSED_USER_ID	SC		C	30
LAST_UPDATED_USER_ID	SC		C	30
ACK_STATUS_FLAG	SC/ICEGATE	W/S/P	C	1

ACK_CREATED_TIMESTAMP	SC	C
ACK_SENT_OR_RECEIVED_TMSTMP	ICEGATE	C

5 Module: Query Raised by Customs

Serial No.	5A
Data Table/View Name	S_CHCAI05 (Table for incoming data)
Location	Service Center Schema
Form Description	Query by Customs
Equivalent Message	CHCAI05
Generated by	ICES (Sent to Service Center)

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type (Always F)
2	SITE_ID	C	6	Custom House Code
3	BE_NO	N	7	BE No.
4	BE_DT	Date		BE Date
5	QUERY_NO	N	4	Query Number
6	QUERY_DT	Date		Query Date
7	QUERY_TEXT	C	2000	Query Text
8	UNIQUE_ID	C	30	Unique Id generated by ICEGATE

Serial No.	5B
Control Table Name	CT_ICE_SC_CHCAI05
Location	Service Center Schema

Field Name	Filled/ Updated By	Comments	Field Type	Field Length
UNIQUE_ID	ICEGATE	Unique ID	C	30
SENDER_ID	ICEGATE	SERCEN	C	6
SENDER_ID_QUALIFIER	ICEGATE	ZZ	C	2
RECEIVER_ID	ICEGATE	Site ID	C	30
RECEIVER_ID_QUALIFIER	ICEGATE	ZZ	C	2
STATUS_FLAG	ICEGATE/SC	Values W/P/S/A	C	1
CREATED_TIMESTAMP	ICEGATE	Timestamp of the machine.	C	
PROCESSED_TIMESTAMP	SC		C	
SENT_OR_RECEIVED_TIMESTAMP	SC		C	
ACKNOWLEDGED_TIMESTAMP	SC		C	
LAST_UPDATED_TIMESTAMP	SC		C	

CREATED_USER_ID	ICEGATE		C	30
PROCESSED_USER_ID	SC		C	30
LAST_UPDATED_USER_ID	SC		C	30
ACK_STATUS_FLAG	SC/ICEGATE	W/S/P	C	1
ACK_CREATED_TIMESTAMP	SC		C	
ACK_SENT_OR_RECEIVED_TMSTMP	ICEGATE		C	

6 Module: Query Reply by CHA/Importer

Serial No.	6A
Data Table/View Name	S_CACHI06
Location	Service Center Schema
Form Description	Query-Reply
Equivalent Message	CACHI06
Generated by	CHA at Service Center (Sent to ICES)

Sr. No.	Field Name	Type	Field Length	Field Description
1	MESG_TYP	C	1	Message type
2	SITE_ID	C	6	Custom House Code
3	BE_NO	N	7	BE Number
4	BE_DT	Date		BE Date
5	QUERY_NO	N	4	Query Number
6	REPLY_SUBMIT_DT	Date		Reply submission date
7	REPLY	C	2000	Reply entered by Operator
8	FILE_NAME	C	60	<SITE_ID><BE_NO>_<BE_DT>_ <QUERY_NO> (BE_DT Format: DDMMYYYY)

Serial No.	6B
Control Table Name	CT_SC_ICE_CACHI06
Location	Service Center Schema

Field Name	Filled/ Updated By	Comments	Field Type	Field Length
UNIQUE_ID	SC	Unique ID	C	30
SENDER_ID	SC	SERCEN	C	6
SENDER_ID_QUALIFIER	SC	ZZ	C	2
RECEIVER_ID	SC	Site ID	C	30
RECEIVER_ID_QUALIFIER	SC	ZZ	C	2
STATUS_FLAG	SC/ ICEGATE	Values W/P/S/A	C	1
CREATED_TIMESTAMP	SC	Timestamp of the machine.	C	

PROCESSED_TIMESTAMP	ICEGATE		C	
SENT_OR_RECEIVED_TIMESTAMP	ICEGATE		C	
ACKNOWLEDGED_TIMESTAMP	ICEGATE		C	
LAST_UPDATED_TIMESTAMP	ICEGATE		C	
CREATED_USER_ID	SC		C	30
PROCESSED_USER_ID	ICEGATE		C	30
LAST_UPDATED_USER_ID	ICEGATE		C	30
ACK_STATUS_FLAG	ICEGATE/ SC	W/S/P	C	1
ACK_CREATED_TIMESTAMP	ICEGATE		C	
ACK_SENT_OR_RECEIVED_TMSTMP	SC		C	
FILE_NAME	SC	Key	C	60
MESG_TYP	SC	F/A/S/D	C	1

Serial No.	6B
Control Table Name	CT_SC_ICE_CACHI06
Location	Service Center Schema

Field Name	Filled/ Updated By	Comments	Field Type	Field Length
UNIQUE_ID	SC	Unique ID	C	30
SENDER_ID	SC	SERCEN	C	6
SENDER_ID_QUALIFIER	SC	ZZ	C	2
RECEIVER_ID	SC	Site ID	C	30
RECEIVER_ID_QUALIFIER	SC	ZZ	C	2
STATUS_FLAG	SC/ ICEGATE	Values W/P/S/A	C	1
CREATED_TIMESTAMP	SC	Timestamp of the machine.	C	
PROCESSED_TIMESTAMP	ICEGATE		C	
SENT_OR_RECEIVED_TIMESTAMP	ICEGATE		C	
ACKNOWLEDGED_TIMESTAMP	ICEGATE		C	
LAST_UPDATED_TIMESTAMP	ICEGATE		C	
CREATED_USER_ID	SC		C	30
PROCESSED_USER_ID	ICEGATE		C	30
LAST_UPDATED_USER_ID	ICEGATE		C	30
ACK_STATUS_FLAG	ICEGATE/ SC	W/S/P	C	1
ACK_CREATED_TIMESTAMP	ICEGATE		C	
ACK_SENT_OR_RECEIVED_TMSTMP	SC		C	
FILE_NAME	SC	Key	C	60
MESG_TYP	SC	F/A/S/D	C	1