

Indian Customs EDI System



ICES 1.5

Customs - Bank Messages

Version 1.1



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Customs – BANK Message Formats

Document modification summary

S.No.	Document Version	Date of Modification	Brief Description of Changes	Document Description
1	Version 1.0	13/12/2007	Multi-banking / E-payment for Customs Duty Collection	
2	Version 1.1	15/04/2008	Multi-banking / E-payment for Customs Duty Collection Bank Braonch Code is defined as IFS Code and field lengh modified from 20 to 11 Drawback account Number field length is modified to 40	

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Customs - BANK

Multi-banking / E-payment for Customs Duty Collection and disbursement of Duty Drawback

The Importer/Exporter can make the duty payment –

- through the designated bank branches or
- e-payment through any of the designated banks or

E-payment and payment through any designated bank branch options will be available through the ICEGATE. After the assessment of the Bill of Entry/Shipping Bill, the challan information will be made available to the bank at the Customs House and at ICEGATE.

Payment in designated bank branches:

For the transactions through the designated Bank Branch operating in the Customs premises or nearby, the connectivity will be through ICEGATE. The message exchange will be between ICEGATE and the Data Servers installed at the Bank. As a part of security policy both the LANs need to be protected by installing Firewall software. In addition all messages will be digitally signed.

E-payment through any of the designated banks

The challan information will be transmitted to the web-server at the ICEGATE end. A database of Challan information will be created on the server. The importer has to log on the web application and select the challan and the bank through which he would like to make the payment. On selection of the bank, the challan information would be forwarded to the bank in a secured manner to the bank application. Thereafter, the bank application would takeover. After crediting the duty to the Customs account, the bank application will forward duty payment report to ICEGATE Server with the transaction identification and the database (at ICEGATE) will be updated. A message will be transmitted to the ICES application for updation of the payment details.

The security concerns of the ICEGATE shall be taken into consideration for choosing the first option.

In the second case, it is not a seamless integration of messages at the bank end. The transaction cycle is expected to be longer.

Therefore, in multi-banking scenario only e-payment shall be allowed. Collection of duty through the manual mode (payment through DD/Cash) shall be restricted to the designated bank branch operating in the Customs House premises.

The reconciliation of accounts at the end-of-the-day will be at two levels -

- The e-payment details will be reconciled on the system at ICEGATE.
- The other payments made in the local bank branch, the reconciliation process will be done with the ICES database.

Implications of the proposed implementation –

- In both the options, the message formats and file-naming conventions would get revised. There by, the ICES and application of the participating banks have to be suitably amended.
- Messages would be transmitted through ICEGATE. ICEGATE has to keep track of the transactions with the banks.
- Banks and the ICEGATE have to transact digitally signed messages.
- At present, the banks and the Customs have defined a cut-off time for duty collection and end-of-the-day accounts reconciliation procedure. This needs to be reviewed in the multi-banking and Internet payment scenario.
- Closing time for e-payment needs to be defined. The closing time is uniformly applicable for the banks involved in duty collection.
- Accounting procedure for payment reconciliation at Customs House level has to be defined by Pr.CCA.

Multi-banking:

More than one bank is authorized to collect duty at each Customs location, therefore the ICES application would maintain site-wise directory. The directory will be maintained in the Directory partition of ICES. ICES will insert multiple records into Control table (One for each Bank). In addition if the data needs to be provided to e-Payment, a separate row will be inserted with a Status Flag of 'I'. ICEGATE will use this information and will send out messages to Banks. E-Payment application will make use of data that is there with a status of 'I' and will update their database.

Sr. No	Customs House Code	Bank Name	Import (Y/N)	Export (Y/N)	Baggage (Y/N)
1.	INDEL4	PNB		Y	Y
2.	INDEL4	Corporation Bank		Y	N
3.				
4.				
5.				
6.				

Message Format Details:

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

ASCII 29 will be used as field separator all over the document. This includes the header and Trailer.

Please note that there will be no ASCII 29 Char (field separator) after the last field. ASCII 10 will be used as record separator.

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^]COACHE01^]123456^]20071015^]101
 5
 TREC^]123456

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

IMPORT MESSAGES

List of messages: Imports

Sr. No	Message Description	From	To	Message
1.	Challan Message from Custom To Bank	Customs	Bank	CHBKI01
2.	Challan Message after receipt of Duty	Bank	Customs	BKCHI02
3.	Challan Summary Statement at the End of Day	Bank	Customs	BKCHI04
4.	Non-Receipt of Challan Information	Bank	Customs	BKCHI05
5.	End-of-day Challan summary Message	Customs	Bank	CHBKI07
6.	Confirmation of non-payment of Duty	Bank	Customs	BKCHI08

CHBKI01 : Challan Message
From : Customs to Bank

On completion of assessment of the BE, the ICES will generate a challan message. The message will be transmitted to the designated bank branches through ICEGATE.

Frequency:

- a. At the beginning of the day, a message will be generated for those BEs, where duty payment is not done till the previous day.
- b. At specific intervals message will be generated for BEs assessed during the day.

Message format:

Field Description	Field Type	Length
Customs House Code	Character	6
Challan No	Number	10
Document Number	Number	7
Document Date	Date	ddmmyyyy
Document Type (BE/UAP/TP/SB)	Character	4
IEC	Character	10
IEC Name	Character	50
Amount to be Collected	Number	10

Message name:

NOTE: Document Type = UAB or TP
 IEC and IEC Name shall be NULL

BKCHI02 : Receipt of duty payment

From : Bank to Customs

In e-payment scenario, the message will be generated by application at ICEGATE-end to ICES application.

The sequence number (8 digit) shall be initialized on 1st Jan every year.

Frequency:

The bank application shall generate a message after receipt of duty payment, at regular intervals.

Message format:

Field Description	Field Type	Length
Customs House Code	Character	6
Challan No	Number	10
Document Number	Number	7
Document Date	Date	DdmmYYYY
Document Type (BE/UAP/TP/SB)	Character	4
IEC	Character	10
Total Amount collected	Number	10
Bank Branch Code (IFS CODE)	Character	11
Bank Scroll NO/Internet transaction Number	Number	15
Date of Payment with time	Date	DdmmYYYY hh24:mi

IFS Code (Indian Financial Services Code):

4 Character Bank Code (Short Name of the Bank) + 2 Digit Bank code (Numeric) + 5 Digit Bank Branch Code (Numeric)

Message name:

NOTE: Document Type = UAB or TP
IEC shall be NULL

E-Payment:

After completion of the transaction on bank portal, the control will return back to ICEGATE with the following parameters –

Customs House Code, Challan Number, Duty Collected, Bank Branch Code, Bank Account Code, Internet Transaction Number, Date of Payment

The application at the ICEGATE will integrate the information and insert a record in a table in ICEGATE Schema.

Bank branch Code: Bank code only

Bank scroll number: Internet transaction number

Printable receipt: Bank shall provide the Internet receipt.

BKCHI04 : Challan Summary Statement at the End of Day

From : Bank to Customs
ICEGATE to ICES

Frequency:

The bank application shall generate a message at the end of day after closure of public transactions.

Message format:

Field Description	Field Type	Length
Customs House Code	Character	6
Challan No	Number	10
Document Number	Number	7
Document Date	Date	Ddmmyyyy
Document Type (BE/UAP/TP/SB)	Character	4
IEC	Character	10
Total Amount collected	Number	10
Bank Branch Code (IFS CODE)	Character	11
Bank Scroll No/Internet transaction number	Number	15
Date of payment	Date	Ddmmyyyy hh24:mi

CHBKI07 : End-of-day challan summary message

From : Customs to Bank

Frequency:

After receiving the Challan Summary Report from bank (BKCHI04) ICES would generate the message.

Message format :

Field Description	Field Type	Length
Customs House Code	Character	6
Challan No	Number	10
Document Number	Number	7
Document Date	Date	ddmmyyyy
Document Type (BE/UAP/TP/SB)	Character	4
IEC	Character	10
Total Amount Collected	Number	10
Bank Branch Code (IFS CODE)	Character	11
Bank Scroll No/Internet Transaction Number	Number	15
Date of Payment	Date	ddmmyyyy
Status Code	Character	2

Status Code description:

- 01 Challan information tallied
- 03 **Excess challan:** ICES will mark the excess challan with Status Code as '03'. The bank/ICEGATE has to send Message - BKCHI02 for those challans and re-transmit the summary message (BKCHI04).
- 04 **Less No. of Challans:** Number of Challans in summary statement (BKCHI04) are less than the Challans received during the day.

For the challans, which are not in summary but received during the day, the ICES will be transmitting the challan with Status Code – '04'. The bank/ICEGATE has to confirm.

Duty, if not paid -

Bank / ICEGATE has to generate Message - BKCHI08 (non-payment of duty),

Duty, if paid -

Bank has to transmit BKCHI02

In either case (whether duty paid or not) re-transmit the day summary statement (BKCHI04).

- 05 **Duty Amount collected does not tally:** Challans for which the duty amount is not tallying, The Bank/ICEGATE has to re-generate the BKCHI02 for those challans.
- 06 **Invalid challan:** If any of the values in the summary statement does not tally with Customs database. On receipt of this message Bank/ICEGATE shall generate BKCHI02 and Summary again.

BKCHI08 : Confirmation of Non-payment Duty

From : Bank to Customs
ICEGATE to ICES

Frequency: As when required.

Each message will have information of single Challan with error code.

Message Format:

Field Description	Field Type	Length
Customs House Code	Character	6
Bank Branch Code (IFS CODE)	Character	11
Challan No	Number	10
Document Number	Number	7
Document Date	Date	ddmmyyyy
Document Type (BE/UAP/TP/SB)	Character	4
Error Code (10 - Duty Not Paid)	Character	2

E-PAYMENT

1.	The ICES will insert Challan information in a table - CHBKI01 in ICEGATE Schema, on completion of assessment of a BE.
2.	At the beginning of the day, the ICES will insert challan information of all the BE, for which duty payment is not made till date. These records will have a status of I.
3.	The ICEGATE will pick-up the records files from ICEGATE/ICES Schema for loading on to a database server in ICEGATE.
4.	On re-transmission of message by ICES, the old challan information will be replaced, in case it already exists in the database and duty payment is not done.
5.	<p>The importer would select the challan for duty payment and the bank. The control will move to bank portal.</p> <p>After authentication of the user on the bank portal, the importer would carryout the transaction. On successful completion, the bank application would display the Transaction ID. Control will move back to ICEGATE.</p> <p>Bank shall provide facility for generation of cyber receipt. Similar facility will also be available on ICEGATE.</p>
6.	The ICEGATE would insert a record in the table – BKCHI02 with control parameters.
7.	The ICES will integrate the record and update the 'Error code' in table – BKCHI02.
8.	The control of e-payment rests with the ICEGATE application. The challan information will not be available for payment transaction from 20.00 hrs (or from time mutually agreed upon by concerned banks and Customs)
9.	At the end of the day, the bank has to transmit Challan summary statement (BKCHI04).
10.	ICEGATE application will generate the summary statement and forward to ICES.
11.	On receipt of the summary statements, the ICES would transmit to ICEGATE an acknowledgement message (CHBKI07) with appropriate status code.
12.	After receipt of the Acknowledgement message from the ICES, all un-paid challans would get deleted.
13.	Enquiry: Provision will given on ICEGATE to view status of payment and message transmission to ICES location.
14.	Message transmission by bank: Due to any reason, if the payment

	transaction is not updated on the ICEGATE database, bank shall have to transmit the message file in format - BKCHI02
15.	Provision shall be made on ICEGATE for re-transmission of message to ICES location:

End-of-the-day challan reconciliation procedure

- 1 Each bank shall generate the consolidated duty receipt in message format BKCHI04 and transmit.

The information shall exactly match with the duty receipt during the day.

- 2 On receipt of the message, the ICEGATE will transmit acknowledgment message CHBK107.

Non-receipt of transaction control to ICEGATE

ICEGATE will facilitate the user for getting the transaction confirmation from the bank in case of non-receipt of transaction in the earlier step. There will be separate option for this on the ICEGATE. The user will provide the parameters as mentioned above and the bank shall return the parameters along with the transaction number.

EXPORT MESSAGES

List of messages: Exports

The following are the export related messages, which are to be exchanged between the Customs and Bank:

Sr. No	Message Description	From	To	Message
1.	Drawback Scroll	Customs	Bank	CHBKE01
2.	Scroll after remittance Drawback Proceeds	Bank	Customs	BKCHE02
3.	Cess Challan Message	Customs	Bank	CHBKE05
4.	Receipt of Cess payment	Bank	Customs	BKCHE06
5.	Challan Summary Statement at the End of Day	Bank	Customs	BKCHE08
6.	End-of-day cess summary statement	Customs	Bank	CHBKE11

Drawback scroll related messages

Drawback remittance can be made in any of the designated banks by the Customs. The exporter, for remittance of drawback, has to register with Customs, the Account Number, where the remittance needs to be made. The ICES, would generate a drawback scroll and transmit to the local authorized bank. It will be the responsibility of the bank to transfer the amount to the account of the exporter in different banks through RTGS (Real Time Gross Settlement) / NEFT (National Electronic Fund Transfer).

CHBKE01 : Drawback scroll

From : Customs to Bank

Message format:

Field Description	Field Type	Length
Customs House Code	Character	6
Customs Scroll No	Character	10
IEC	Character	10
Exporter Name	Character	50
Bank Branch Code (IFS CODE)	Character	11
Bank Account Number	Character	40
SB No	Number	7
SB Date	Date	dd/mm/yyyy
DBK Amount	Number	12

IFS Code (Indian Financial Services Code):

4 Character Bank Code (Short Name of the Bank) + 2 Digit Bank code (Numeric) + 5 Digit Bank Branch Code (Numeric)

BKCHE02 : Scroll after remittance of drawback proceeds

From : Bank to Customs

Message format:

Field Description	Field Type	Length
Customs House Code	C	6
Customs Scroll No	C	10
IEC	C	10
Bank Branch Code (IFS CODE)	C	11
Bank Account Number	C	40
SB No	N	7
SB Date	Date	dd/mm/yyyy
Bank Scroll No	N	15
Date of Posting	Date	ddmmyyyy
Bank Acknowledgement Code	C	02

NOTE:

- Bank shall generate the message Customs Scroll Number-wise ie one message for each scroll.
- Number of entries in the message shall be equal to the number of entries of the scroll transmitted by Customs (Message CHBKE01)
- For the Shipping Bills, where bank has credited the drawback amount to the Exporter's account the parameters – 'Bank Scroll Number' and 'Date of Posting' shall be provided and the 'Acknowledgement code' column shall be '0'.
- For the Shipping Bills, where bank has NOT credited the drawback amount the parameters – 'Bank Scroll Number' and 'Date of Posting' shall be NULL and the 'Acknowledgement code' shall have appropriate code.

Acknowledgement Codes:

00	-	Amount credited
01	-	IE Code mismatch
02	-	Exporter Name does not tally
03	-	Account closed

Acknowledgement codes and process for error reconciliation has to be devised.

Export Cess Messages:

CHBKE05: Cess Challan Message

From : Customs to Bank

Refer to message CHBKI01

Document Number - Shipping Bill No
Document Date - Shipping Bill Date
Document Type - 'SB'

BKCHE06: Receipt of Cess payment

From : Bank to Customs

Refer to message BKCHI02

Document Number - Shipping Bill No
Document Date - Shipping Bill Date
Document Type - 'SB'

BKCHE08 : Challan Summary Statement at the End of Day

From : Bank to Customs

ICEGATE to ICES

Frequency:

The bank application shall generate a message at the end of day after closure of public transactions.

FORMAT : Refer to message BKCHI04

CHBKI11 : **End-of-day Cess summary message**

From : Customs to Bank

Frequency:

After receiving the Challan Summary Report from bank (BKCHE08) ICES would generate the message.

FORMAT : Refer to message CHBKI07