

e-BRC

Bank Realisation Certificate Message Exchange with Banks

Version: 1.2.4

Directorate General of Foreign Trade
Ministry of Commerce & Industry
Government of India

Prepared by
National Informatics Centre (NIC-DGFT)

Document Organisation

This document has the following sections.

Introduction: Identify the purpose, audience.

Process Detail: Details about e-BRC message exchange process.

Annexure: Error codes, sample XML files etc.

Contact Details:

For any queries or information regarding e-BRC message exchange you may contact

Policy Related Issues	Technical Queries
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Abbreviations:

BRC	Bank Realisation Certificate
IFSC	Indian Financial System Code
DGFT	Director General of Foreign Trade
IEC	Importer Exporter Code
DS	Digital Signature

Introduction

Bank Realisation Certificate (BRC) is issued by Banks based on realisation of payment against export by an Exporter.

Any firm applying for benefits under Foreign Trade Policy is required to furnish valid BRC as a proof of realisation of payment against exports made.

The current procedure for furnishing BRC information is manual. IEC holder submits the BRC in physical form to concerned Regional authority. BRC details are keyed in into DGFT application.

As a part of B2B message exchange initiative, it is now decided to exchange BRC information electronically through EDI with Banks. This will provide accurate and updated information about BRC and also reduce the hardship to trade as furnishing of physical copy of BRC will be dispensed with.

Audience

- Banks participating in foreign exchange dealings.
- DGFT

Purpose

- To outline the process of EDI for e-BRC with banks
- Role of Banks
- Role of DGFT

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1. **Change history:**

Modified on 22.3.2013

- New Error code B20 added (BRC details mismatch (BRC Number, IEC & Shipping Bill No). Cancellation denied)

Modified on 09.1.2013

- Validation check for IFSC filename element changed. Instead of SWIFT code put IFSC code .(first four characters only)
- Validation checks for shipping bill number (SNO) element changed. Minimum length of SNO should be 1

Modified on: 27.7.2012

- Validation checks for port (SPORT) element changed. Now port code ending with 'B' are also accepted.
- Validation checks for shipping bill number (SNO) element changed. Minimum length of SNO should be 3.
- If RMTABNK, RMTCTRY, RVALUEINR contents are missing, then do not include these elements (tags) in BRC XML file.

2. Data fields required by DGFT from bank as part of

e-Bank Realization Certificate(e-BRC)

Direct Export(22A)	Deemed Export (22B)	Other*
BRC number	BRC number	BRC number
BRC date	BRC date	BRC date
Status of BRC	Status of BRC	Status of BRC
Importer Exporter Code (IEC)	Importer Exporter Code (IEC)	Importer Exporter Code (IEC)
Name of the exporter	Name of the exporter	Name of the exporter
Bank Code (IFSC)	Bank Code (IFSC)	Bank Code (IFSC)
Bill ID	Bill ID	Bill ID
Shipping bill number	Invoice Number	Invoice Number
6 character custom port code	Fixed value 'DEEMED'	Fixed value 'OTHERS'
Shipping bill date	Invoice Date	Invoice Date
Shipping bill Currency code (CC)	Currency code (CC)	Currency code (CC)
Shipping bill value in currency Code (CC)	FOR value	Value as per invoice
Currency of realisation	Currency of realisation	Currency of realisation
Total realised Value in currency of realisation	Amount received	Amount received
Date of Realisation	Received on (date)	Received on (date)
Total realised Value in INR	Total realised Value in INR	Total realised Value in INR
Name of the originating/ remitting bank from which money is transacted	Name of the originating/ remitting bank from which money is transacted	Name of the originating/ remitting bank from which money is transacted
City of originating/ remitting bank	City of originating/ remitting bank	City of originating/ remitting bank
Country of originating/ remitting bank	Country of originating / remitting bank	Country of originating/ remitting bank

*Other: BRC for export documents supported by VPP, PPR, courier or softex form etc

Assumptions:

No data shall be transmitted if it is not correlated with the existing shipping bill. Therefore, data where advance payment has been received will not be transmitted until it is later correlated with the shipping bill. Total realised Value in INR is to be provided for currencies wherever currency code is not available in List of Currency Codes as given in annexure H.

3. BRC Parameters to be exchanged

BANK -> DGFT

XML file level parameters:

Parameter to be exchanged	XML Element Name	Type, Length	Mandatory
Name of XML file	FILENAME	CHAR(22)	Yes

For each eBRC:

Parameter to be exchanged	XML Element Name	Type, Length	Mandatory
BRC number	BRCNO	Char(20)	Yes
BRC date	BRCDATE	Date(yyyy-mm-dd)	Yes
Status of BRC	STATUS	Char(1)	Yes
Importer Exporter Code (IEC)	IEC	Char(10)	Yes
Name of the exporter	EXPNAME	Char(50)	Yes
Bank Code (IFSC) (BRC generated by)	IFSC	Char(11)	Yes
Bill ID	BILLID	CHAR(16)	Yes
Shipping Bill Number	SNO	Char(20)	Yes
Shipping bill Port	SPORT	Char(6)	Yes
Shipping bill date	SDATE	Date(yyyy-mm-dd)	Yes
Shipping bill Currency code (CC)	SCC	Char(3)	Yes
Shipping bill value in currency Code (CC)	SVALUE	Decimal(15,2)	Yes
Currency of realisation	RCC	Char(3)	Yes
Total Realised Value in currency of realisation	RVALUE	Decimal(15,2)	Yes
Date of Realisation	RDATE	Date(yyyy-mm-dd)	Yes
Total Realisation in Rs	RVALUEINR	Decimal(15,2)	No
Name of the originating bank from which money is transacted	RMTBANK	CHAR(50)	No
City of originating bank	RMTCITY	CHAR(50)	No
Country of originating bank	RMTCTRY	CHAR(50)	No

4. DGFT-> Bank

Acknowledgment XML

Parameter to be exchanged	XML Element Name	Type, Length	Mandatory
Name of XML file	FILENAME	CHAR(22)	Yes
File level error code	ERRCODE	CHAR(3)	Yes
BRC number	BRCNO	Char(20)	No
Error code for BRC	ERRCODE	CHAR(3)	No

5. Formats:

FILENAME: Name of the XML file to be uploaded on DGFT server.

- Character(22)
- Unique
- Uploading file name and must match with file name provided in XML file

File name format:

Bank IFSC code + file creation Date + Running Sequence number (3 character)

File type: XML file

Sample I: Where IFSC code is not available

Central office (Main office) of Bank of India is creating a consolidated file to include all e-BRCs issued by different branches. There is no IFSC code for (main office) Central office of Bank of India. Put IFSC code as BKID0000000 (4 character bank code + All Zero for remaining seven digits)

Bank IFSC code for main office not having any IFSC code (11 character)	file creation Date (DDMMYYYY)	Running Sequence number (3 character) (range :001- 999)	File Name
BKID0000000	01022012	001	BKID000000001022012001

Sample II: File created by a specific branch of a bank

Bank of India, Churchgate branch wants to upload first XML file then file number will be as below.

Bank IFSC code (11 character)	file creation Date (DDMMYYYY)	Running Sequence number (3 character) (range :001- 999)	File Name
BKID0000010	01022012	001	BKID000001001022012001

6. BRCNO: BRC number

- Unique.
- Primary key for all BRC data in DGFT database.

Format: 20 characters: IFSC Code (11 character) + 9 digit running sequence number

e.g : **BRC number for first BRC issued by Bank of India, Churchgate branch .**

Bank IFSC code (11 character)	Running Sequence number (9digit) (range :1- 999999999)	BRC number
BKID0000010	000000001	BKID0000010000000001

SCC, RCC, SPORT: As per code list provided by DGFT

STATUS: BRC status

F: Fresh, **C:** Cancelled

Cancellation is allowed only before utilization of BRC in any application on DGFT server.
Bank to verify status of BRC on DGFT server before cancellation of BRC.

BRCDATE, RDATE, SDATE: Date in YYYY-MM-DD format

ERRCODE: Error codes defined for errors in file at File level, BRC level [See error code list for more detail]

7. Digital Certificate and signing specifications

- Certificate should be 2048 characters long SHA-II standard PKI technology approved by CCA.
- Class II, III certificates are accepted.
- Signer will be provided by DGFT

- **One time registration of Digital Certificate of the Administrator for the bank**

Each bank participating in e-BRC message exchange has to register the public key (Digital Signature) of one user who will act as Administrator for respective bank.

Authorized representative from bank needs to contact Shri Arun P.Kohad,FTDO,EDI division in person with digital certificate for first time registration.

On successful registration user can login into e-BRC portal .

The Admin user for the bank can register other Digital certificate for his/her bank.

Contact Details:

Shri Arun P. Kohad
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DGFT,Udyog Bhavan,
New Delhi-110011
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Email: arun.kohad@nic.in

8. Process Flow

As shown in the diagram 'Data flow', the e-BRC message exchange will involve following steps.

Step –I: Generation of e-BRC by Bank

1. Bank will generate e-BRC
2. Bank at their convenience may generate BRC files.
3. Digitally sign the file using Signer provided by DGFT or signer developed by the bank

Step –II: Uploading of XML file to DGFT server

1. Access the DGFT portal to login into e-BRC application
2. use 'Upload e-BRC' option
3. select file from file system , and upload
4. DGFT server will verify user and validate data and will provide result of uploading process in XML / Tabular report format as per user choice.

Reports:

- Status of eBRC
- e-BRCs parameters based queries
- Acknowledgement file

Note:

Amendment of e-BRC is **NOT** allowed once it is successfully uploaded on DGFT server. If there is any change in e-BRC, please follow following procedure

1. Check status of e-BRC on DGFT server
2. If it is already utilised in any DGFT application, then do not cancel the e-BRC.
3. If e-BRC is not used, then cancel the BRC in bank database.
4. Convey this cancellation status by Uploading BRC with status 'C' on DGFT server.
5. After the Cancellation status is updated on DGFT server, issue fresh e-BRC with new BRC number.
6. Upload this fresh e-BRC on DGFT server with status 'F'

9. Data Flow

(How e-BRC will be generated and available for use)

There are three entities involved in e-BRC data exchange

1. Exporter
2. Bank
3. DGFT

Data flow between these entities will be as below.

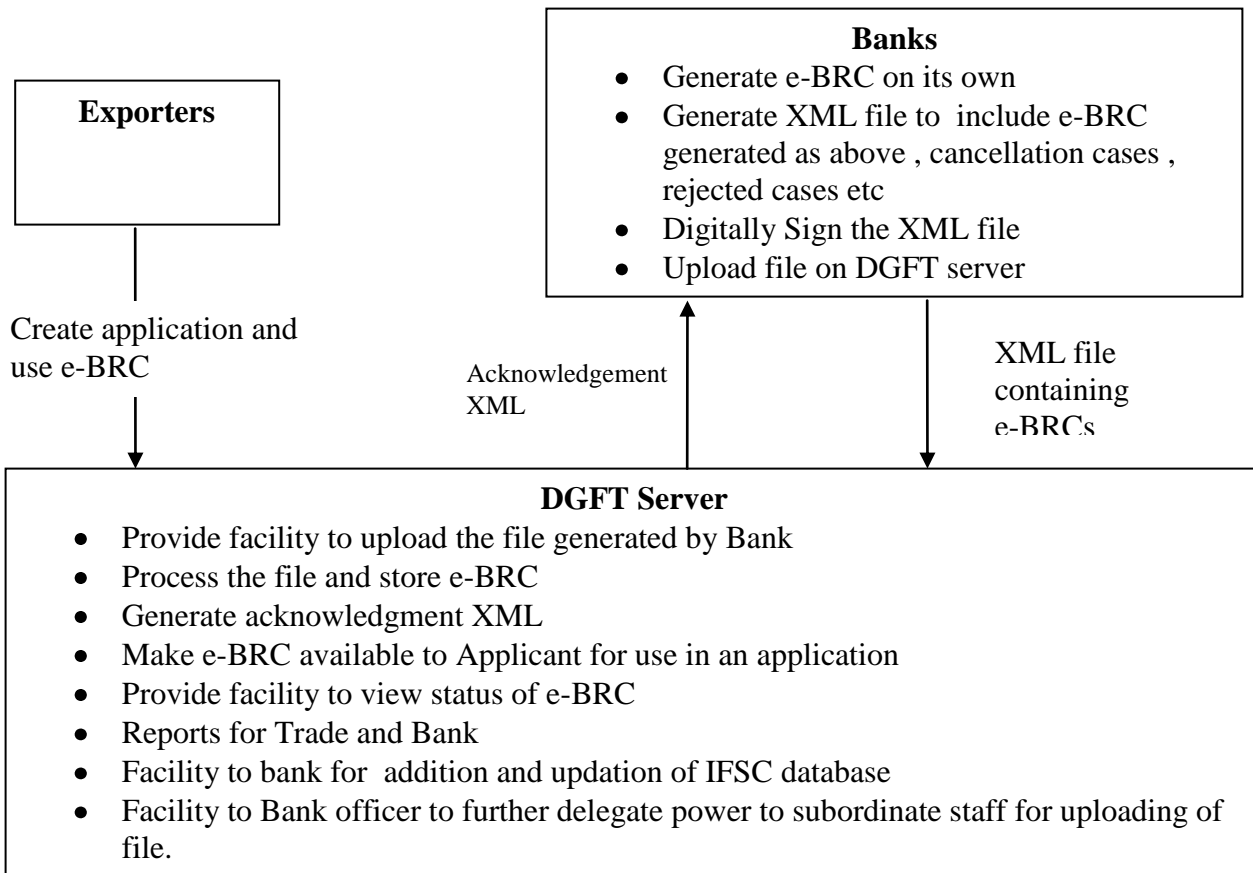


Fig 1.0

10 BRC Validations

File level Validations:

- ✓ File name Extension: .XML
- ✓ File name format as provided in parameter level validation details
- ✓ Must match with file name mentioned in XML
- ✓ Maximum allowed file size : **500 KB**
- ✓ Date in file name <= current date
- ✓ Digitally signed file

Parameter level validations:

- All parameters are mandatory except Originating Bank Details.
- Only one shipping bill is allowed per BRC. (generate separate eBRC for each shipping bill)
- Where ever applicable ` is to replaced with ` and `&` with `&`
- **Do not include empty TAGs for optional elements in XML file .**

Parameter to be exchanged	XML Element Name	Type, Length	Validation
File Name	FILENAME	character (22)	<ul style="list-style-type: none"> ✓ Exact 22 characters in length. ✓ Format: <ul style="list-style-type: none"> • First 11 Characters should be Bank IFSC code (For central office / where IFSC code is not available : 4 character bank code + All Zero for remaining seven digits) • Next 8 characters: file creation Date in DDMMYYYY format • Next 3 character: Running Sequence number((001-999) for that day ✓ Must match with uploading file name
BRC number	BRCNO	character (20)	<ul style="list-style-type: none"> ✓ Exact 20 character in length ✓ Format of BRC NO: <ul style="list-style-type: none"> • First 11 characters: IFSC Code of branch which issued e-BRC • Next 9 characters :running sequence number IFSC part of BRC number must match with IFSC element value ✓ Unique Number
BRC date	BRCDATE	Date	<ul style="list-style-type: none"> ✓ Format: YYYY-MM-DD ✓ <= current date
Status of BRC	STATUS	character (1)	<ul style="list-style-type: none"> ✓ Either 'F': Fresh or 'C': Cancelled ✓ Check while uploading <ul style="list-style-type: none"> F: check for duplicate entry C: Check : is BRC e already uploaded to DGFT server through e-BRC system and not utilised by exporter in DGFT application
Importer Exporter	IEC	character (10)	<ul style="list-style-type: none"> ✓ 10 character valid IEC issued by DGFT.

Code (IEC)			<ul style="list-style-type: none"> ✓ Validation with master IEC data (at DGFT level)
Name of the exporter	EXPNAME	character (50)	<ul style="list-style-type: none"> ✓ Minimum length : 2 characters ✓ Maximum length : 50 characters ✓ All alpha numeric character and following special characters <ul style="list-style-type: none"> • . (dot) • & • ` • ' ' (Space) • - • _ • @ ✓ Alphabets in capital letters
Bank Code(IFSC)	IFSC	character (11)	<ul style="list-style-type: none"> ✓ IFSC of the branch issuing e-BRC. ✓ Validated with IFSC master data given by bank. ✓ Branch must be dealing in Foreign Exchange ✓ First 4 characters should match with first 4 characters from file name/ BRCNO
Bill Reference Number	BILLNO	Character(16)	<ul style="list-style-type: none"> ✓ Minimum length : 2 characters ✓ Maximum length : 16 characters ✓ All alpha numeric character and following special characters <ul style="list-style-type: none"> • - • / ✓ Alphabets in capital letters
Shipping Bill Number	SNO	character (20)	<ul style="list-style-type: none"> ✓ 7 characters for EDI shipping Bill ✓ For other like Manual shipping bill, Invoice number etc : <ul style="list-style-type: none"> Minimum length : 1 characters Maximum length allowed : 20 characters Alpha numeric characters and '-' and '/' ✓ Alphabets in capital letters ✓ Only 1 Shipping Bill per BRC
Shipping bill Port	SPORT	character (6)	<ul style="list-style-type: none"> ✓ 6 characters Port code as per code list provided by DGFT. ✓ In case of deemed export port code should be 'DEEMED' and ✓ 'OTHERS' for Export document supported by VPP, Courier etc, old shipping bill where port code is not available.
Shipping bill date	SDATE	Date	<ul style="list-style-type: none"> ✓ Format: YYYY-MM-DD ✓ <= current date ✓ < BRC date
Shipping bill Currency code (CC)	SCC	character (3)	<ul style="list-style-type: none"> ✓ 3 characters Currency code as per code list provided by DGFT
Shipping bill value in currency Code (CC)	SVALUE	Decimal(15,2)	<ul style="list-style-type: none"> ✓ Shipping bill value as in Shipping bill ✓ Minimum allowed value : 1.00 ✓ Maximum allowed value : 999999999999.99
Currency of realisation	RCC	character (3)	<ul style="list-style-type: none"> ✓ 3 characters Currency code as per code list provided by DGFT
Total Realised Value in currency of realisation	RVALUE	Decimal(15,2)	<ul style="list-style-type: none"> ✓ Total realised value in currency of realisation ✓ Minimum allowed value : 1.00 ✓ Maximum allowed value : 999999999999.99
Date of Realisation	RDATE	Date	<ul style="list-style-type: none"> ✓ Format: YYYY-MM-DD ✓ <= current date (Today) ✓ <= BRC date

Total Realised Value in INR	RVALUEINR (Optional element)	Decimal(15,2)	Optional <ul style="list-style-type: none"> ✓ Total realised value in INR ✓ Minimum allowed value : 1.00 ✓ Maximum allowed value : 999999999999.99
Name of the Originating /remitting Bank from which money is transacted	RMTBANK (Optional element)	character (50)	Optional <ul style="list-style-type: none"> ✓ Minimum length : 2 characters, ✓ Maximum length allowed : 50 characters ✓ All alpha numeric character and following special characters <ul style="list-style-type: none"> • . (dot) • & • ` • ' (Space) • - • _
City of the Originating /remitting Bank	RMTCITY (Optional element)	character (50)	Optional <ul style="list-style-type: none"> ✓ Minimum length : 2 characters ✓ Maximum length allowed : 50 characters ✓ All alpha numeric character and following special characters <ul style="list-style-type: none"> • . (dot) • & • ` • ' (Space) • - • _
Country of the Originating/remitting Bank	RMTCTRY (Optional element)	character (50)	Optional <ul style="list-style-type: none"> ✓ Minimum length : 2 characters, ✓ Maximum length allowed : 50 characters ✓ All alpha numeric character and following special characters <ul style="list-style-type: none"> • . (dot) • & • ` • ' (Space) • - • _

*** Do not include empty TAGs for optional elements in XML file .**

Procedure for Maintaining IFSC database.

On line with e-BRC,

- Generate XML file for IFSC data of the bank.
- Digitally sign the file.
- Upload IFSC XML file using option 'Upload IFSC'.
- DGFT server will process the file and generate Acknowledgement report in XML/Tabular format as per user choice.
- After the bulk data uploading at the beginning of e-BRC project , use this option to upload subsequent changes in IFSC data (e.g. new branch added or status changed)

IFSC Parameters to be exchanged

BANK -> DGFT

XML file level parameters:

Parameter to be exchanged	XML Element Name	Type, Length	Mandatory
Name of XML file	FILENAME	CHAR(20)	Yes

For each IFSC:

Parameter to be exchanged	XML Element Name	Type, Length	Mandatory
Bank Code (IFSC)	IFSCODE	Char(11)	Yes
Name of the Bank	BNAME	Char(50)	Yes
Name of the Branch	BRANCH	Char(50)	Yes
Address of the Branch	ADDR	Char(100)	Yes
City of the Branch	CITY	Char(50)	yes
State of the Branch	STATE	Char(50)	Yes
Status of the Branch	BRANSTAT	Char(1)	Yes
Dealing in Foreign Exchange	DEALFE	Char(3)	Yes
Amendment/Fresh	DATASTAT	Char(1)	Yes

DGFT-> Bank

Acknowledgment XML

Parameter to be exchanged	XML Element Name	Type, Length	Mandatory
Name of XML file	FILENAME	CHAR(20)	Yes
File level error code	ERRCODE	CHAR(3)	Yes
IFSC	IFSCODE	Char(11)	No
Error code for IFSC	ERRCODE	CHAR(3)	No

12. IFSC Validations

File level Validations:

- ✓ File name Extension: .XML
- ✓ File name format as provided in parameter level validation details
- ✓ Must match with file name mentioned in XML
- ✓ Maximum allowed file size : **500 KB**
- ✓ Date in file name < = current date
- ✓ Digitally signed file

Parameter level validations:

- All parameters are mandatory.
- Where ever applicable ' is to be replaced with ` and '&' with '&'

Parameter to be exchanged	XML Element Name	Type, Length	Validation
File Name	FILENAME	character (20)	<ul style="list-style-type: none"> ✓ Exact 20 characters in length. ✓ Format: <ul style="list-style-type: none"> • First 8 Characters should be 'IFSCDATA' • Next 4 characters: First four characters of IFSC. (e.g ABHY, BKID,TJSB) • Next 8 characters: file creation Date in DDMMYYYY format ✓ Must match with uploading file name
Bank Code (IFSC)	IFSCODE	character (11)	<ul style="list-style-type: none"> ✓ Exact 11 character in length ✓ IFSC Code of branch ✓ Unique Number
Name of the Bank	BNAME	character (50)	<ul style="list-style-type: none"> ✓ Minimum length : 2 characters ✓ Maximum length : 50 characters ✓ All alpha numeric character & ' ' (Space) ✓ Alphabets in capital letters
Name of the Branch	BRANCH	character (50)	<ul style="list-style-type: none"> ✓ Minimum length : 2 characters ✓ Maximum length : 50 characters ✓ All alpha numeric character & ' ' (Space) ✓ Alphabets in capital letters
Address of the Branch	ADDR	character (100)	<ul style="list-style-type: none"> ✓ Minimum length : 5 characters ✓ Maximum length : 100 characters ✓ All alpha numeric character & Special Characters like <ul style="list-style-type: none"> ✓ . ✓ \ ✓ ' ' (Space) ✓ - ✓ _ ✓ Alphabets in capital letters
City of the Branch	CITY	character (50)	<ul style="list-style-type: none"> ✓ Minimum length : 2 characters ✓ Maximum length : 50 characters ✓ All alpha numeric character & ' ' (Space) ✓ Alphabets in capital letters
State of the Branch	STATE	character (50)	<ul style="list-style-type: none"> ✓ Minimum length : 2 characters ✓ Maximum length : 50 characters

			<ul style="list-style-type: none"> ✓ All alpha numeric character & ' ' (Space) ✓ Alphabets in capital letters
Status of the Branch	BRANSTAT	character (1)	<ul style="list-style-type: none"> ✓ Either 'O': Operational or 'C': Closed
Dealing in Foreign Exchange	DEALFE	character (3)	<ul style="list-style-type: none"> ✓ Either 'YES' or 'NO'
Amendment/Fresh	DATASTAT	character (1)	<ul style="list-style-type: none"> ✓ Either 'F': Fresh or 'A': Amendment ✓ Check while uploading <ul style="list-style-type: none"> F: Check for duplicate entry A: Check : is IFSC e already uploaded to DGFT server

Annexure

Note: Please see the e-BRC help on dgft.gov.in website for latest information.

A. Error codes in Acknowledgment File

Error Codes	Error Description
000	Valid Information
B01	BRC no does not match with IFSC
B02	Duplicate BRC No.(BRC No. already exists)
B03	BRC issue date is greater than today's date
B04	BRC already Cancelled (when status flag is 'C')
B05	BRC already utilised , can't be cancelled (when status flag is 'C')
B06	BRC not available with DGFT for cancellation (when status flag is 'C')
B07	Invalid IEC. (IEC not present in DGFT database)
B08	Invalid Branch code (IFSC does not exists or is not eligible for foreign exchange transaction)
B09	Invalid Shipping bill number.
B10	Invalid Shipping bill port code
B11	Invalid shipping bill date. Date greater than BRC date / current date
B12	Invalid Shipping bill currency code
B13	Invalid realisation date. greater than BRC date / current date
B14	Invalid Realised currency code
B15	Duplicate IFSC
B16	IFSC not found for amendment
B17	Realised Value in INR is missing.
B18	BRC details do not belongs to logged user
B19	IFSC details do not belongs to logged user
B20	BRC details mismatch (BRC Number, IEC & Shipping Bill No). Cancellation denied
F01	Invalid File format
F02	File size exceeds allowed limit.
F03	Date in file name not valid.
F04	Schema check failed
F05	Signature Verification failed
F06	File name not matching with File name mentioned in file.
F07	File name already used.
F08	File does not belong to logged user.
F09	File not found
T01	Server facing Technical Problem. Error while processing.
U01	Invalid User Id.
U02	User not authorized for the operation.

B. Sample BRC XML (Unsigned)

Note : One XML file may contain more than one e-BRC information . It is recommended to create a single XML file containing multiple e-BRC subject to Max file size restriction.

```
<?xml version="1.0" encoding="UTF-8" ?>
<BRCDATA>
<FILENAME>BKID000001016032012001</FILENAME>
<ENVELOPE>
<EBRC>
  <BRCNO>BKID0000010000001001</BRCNO>
  <BRCDATE>2011-03-15</BRCDATE>
  <STATUS>F</STATUS>
  <IEC>1234567890</IEC>
  <EXPNAME>BINAYAK TEX PROCESSORS LTD.</EXPNAME>
  <IFSC>BKID0000010</IFSC>
  <BILLID>000000000001AM12</BILLID>
  <SNO>6995678</SNO>
  <SPORT>INBOM4</SPORT>
  <SDATE>2008-10-12</SDATE>
  <SCC>USD</SCC>
  <SVALUE>1439075.66</SVALUE>
  <RCC>EUR</RCC>
  <RVALUE>1439075.66</RVALUE>
  <RDATE>2012-03-01</RDATE>
  <RMTBANK>CITI BANK</RMTBANK>
  <RMTCITY>NEW YORK</RMTCITY>
  <RMTCTRY>CANADA</RMTCTRY>
</EBRC>
</ENVELOPE>
</BRCDATA>
```

C. Digitally Signed BRC XML

```
<?xml version="1.0" encoding="UTF-8" ?>
<BRCDATA>
<FILENAME>BKID000001016032012001</FILENAME>
<ENVELOPE>
  <EBRC>
    <BRCNO>BKID0000010000001001</BRCNO>
    <BRCDATE>2011-03-15</BRCDATE>
    <STATUS>F</STATUS>
    <IEC>1234567890</IEC>
    <EXPNAME>BINAYAK TEX PROCESSORS LTD.</EXPNAME>
    <IFSC>BKID0000010</IFSC>
    <BILLID>000000000001AM12</BILLID>
    <SNO>6995678</SNO>
    <SPORT>INBOM4</SPORT>
    <SDATE>2008-10-12</SDATE>
    <SCC>USD</SCC>
    <SVALUE>1439075.66</SVALUE>
    <RCC>EUR</RCC>
    <RVALUE>1439075.66</RVALUE>
    <RDATE>2012-03-01</RDATE>
    <RMTBANK>CITI BANK</RMTBANK>
    <RMTCITY>NEW YORK</RMTCITY>
    <RMTCTRY>CANADA</RMTCTRY>
  </EBRC>
</ENVELOPE>
<DIGSIGN>
<USERID>BKID001</USERID>
<CERTNO>46 96 01 af</CERTNO>
<SIGNHASH>QecNtIX1KAj6jkMIEIJ3/tOSk6zFMAJ1CE7/8YCM1VGQjV87IHd3InbXzZmgVchYfbzD
  gJ2TOxrjPkSaWnFy860tIicutjBk1zVWhMuUBAgKEi987Qwu7hlGTpLqP2tpWRbNR0FEL5SRxK
  WMwEXS/TGdjBeNQVAp4ayq9C2pATQ=</SIGNHASH>
</DIGSIGN>
</BRCDATA>
```

D. Sample BRC Acknowledge File:

```
<?xml version="1.0" encoding="UTF-8" ?>  
<EBRCACKG>  
<FILENAME> BKID000001016032012001</FILENAME>  
<ERRCODE>000</ERRCODE>  
<EBRC>  
  <BRCNO> BKID0000010000001001</BRCNO>  
  <ERRCODE>000</ERRCODE>  
</EBRC>  
</EBRCACKG>
```

E. IFSC Sample XML File (Unsigned)

```
<?xml version="1.0" encoding="UTF-8" ?>
<IFSCDATA>
<FILENAME>IFSCDATABKID16032012</FILENAME>
<ENVELOPE>
<IFSC>
<IFSCODE>BKID0001024</IFSCODE>
<BNAME>BANK OF INDIA</BNAME>
<BRANCH>CHURCHGATE</BRANCH>
<ADDR>GROUND FLOOR INDUSTRIAL BUILDING</ADDR>
<CITY>MUMBAI</CITY>
<STATE>MAHARASHTRA</STATE>
<BRANSTAT>C</BRANSTAT>
<DEALFE>NO</DEALFE>
<DATASTAT>F</DATASTAT>
</IFSC>
<IFSC>
<IFSCODE>BKID0001023</IFSCODE>
<BNAME>BANK OF INDIA</BNAME>
<BRANCH>CHURCHGATE</BRANCH>
<ADDR>GROUND FLOOR INDUSTRIAL BUILDING</ADDR>
<CITY>MUMBAI</CITY>
<STATE>MAHARASHTRA</STATE>
<BRANSTAT>O</BRANSTAT>
<DEALFE>YES</DEALFE>
<DATASTAT>F</DATASTAT>
</IFSC>
</ENVELOPE>
</IFSCDATA>
```

F. IFSC Sample XML File (Digitally Signed)

```
<?xml version="1.0" encoding="UTF-8" ?>
<IFSCDATA>
  <FILENAME>IFSCDATABKID16032012</FILENAME>
  <ENVELOPE>
    <IFSC>
      <IFSCODE>BKID0001024</IFSCODE>
      <BNAME>BANK OF INDIA</BNAME>
      <BRANCH>CHURCHGATE</BRANCH>
      <ADDR>GROUND FLOOR INDUSTRIAL BUILDING</ADDR>
      <CITY>MUMBAI</CITY>
      <STATE>MAHARASHTRA</STATE>
      <BRANSTAT>C</BRANSTAT>
      <DEALFE>NO</DEALFE>
      <DATASTAT>F</DATASTAT>
    </IFSC>
    <IFSC>
      <IFSCODE>BKID0001023</IFSCODE>
      <BNAME>BANK OF INDIA</BNAME>
      <BRANCH>CHURCHGATE</BRANCH>
      <ADDR>GROUND FLOOR INDUSTRIAL BUILDING</ADDR>
      <CITY>MUMBAI</CITY>
      <STATE>MAHARASHTRA</STATE>
      <BRANSTAT>O</BRANSTAT>
      <DEALFE>YES</DEALFE>
      <DATASTAT>F</DATASTAT>
    </IFSC>
  </ENVELOPE>
  <DIGSIGN>
    <USERID>BKID001</USERID>
    <CERTNO>46 96 01 af</CERTNO>
    <SIGNHASH>Wdb0Wy4Adaw38XRVpkOmxNXNd2daD/6MOggJm+qorojbC0fL3uKTm/pZCdWEsmT
      Erjbx+Ls4P83JkwiP+0GnSyMMzW7zvWI1c5Hk3IzsiW8qdiOtPyx8MdPT3mzYE60YXXvG8psAB
      XTdyJeImnFYnjGo6M9Y3zRwkIN6ajcFI=</SIGNHASH>
  </DIGSIGN>
</IFSCDATA>
```


G. Sample IFSC Acknowledge File:

```
<?xml version="1.0" encoding="UTF-8"?>
<IFSCACKG>
<FILENAME>IFSCDATABKID15032012</FILENAME>
<ERRCODE>000</ERRCODE>
<IFSC>
<IFSCODE>BKID0001024</IFSCODE>
<ERRCODE>000</ERRCODE>
</IFSC>
<IFSC>
<IFSCODE>BKID0001023</IFSCODE>
<ERRCODE>000</ERRCODE>
</IFSC>
</IFSCACKG>
```

H. List of Currency Codes:

Currency Codes	Currency Description
USD	US Dollars
DEM	Deutsch Mark
SGD	Singapore Dollar
CHF	Swiss Franc
GBP	Pound Sterling
JPY	Japanese Yen
HKD	Honkong Dollar
EUR	EURO
AUD	Australian Dollar
SEK	Swedish Krona
CAD	Canadian Dollar
DKK	Danish Kroner
INR	Indian Rupees
ACU	Asian Clearing Union Dollar
NOK	Norwegian Kroner

Note: List will be updated as and when changed by Custom.