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# REVISION HISTORY

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Version | Date | Author | Approved By | Comments |
| Container Status Message Implementation Guide V 0.2 | 03/12/2018 | Esha Sharma |  | Added JSON with Sample values,Objects and attributes added for json. |
| Container Status Message Implementation Guide V 0.2.1 | 17/01/2019 | Esha Sharma |  | Added JSON with Sample values,Objects and attributes added for json.Added modified fields. |
| Container Status Message Implementation Guide V 0.2.2 | 23/01/2019 | Esha Sharma |  | Added Error Codes and made all necessary changes. |
| Container Status Message Implementation Guide V 0.3A | 19/03/2020 | Chetna Jain |  | Added:1. Inbound Field Table for ES & ESD2. Outbound Field Table for ES3. updated entire Section- 2  |
| Container Status Message Implementation Guide V 0.3C | 10/05/2020 | Chetna Jain |  | -    updated JSON schema & sample -    ES-SAK, ES-NAK and ESD : Declaration & Response sample files -    Inbound & Outbound Field table -    Updated Error Code list  |
| Container Status Message Implementation Guide V 0.3C\_7 | 25/05/2020 | Chetna Jain |  | -    change in error table- change in field table- change in attribute table |
| Container Status Message Implementation Guide V 1.1 | 05/06/2020 | Chetna Jain |  |  |

# Introduction:

##  Background:

Central Board of Indirect Taxes and Custom (CBIC) vide notification No. 38/2018-Cus (NT)dated 11.05.2018 read with notification No. 65/2018-Cus (NT) dated 30.07.2018 and 88/2018-Cus(NT) dated 30.10.2018 notified Sea Cargo Manifest and Transshipment Regulations 2018.

This regulation supersedes the earlier regulations of Import Manifest (Vessels) Regulations, 1971, Export Manifest (Vessels) Regulation, 1976 and Transportation of Goods (Through Foreign Territory) Regulations of 1965. The new regulation stipulates changes in timelines and requirements for advance notice by shipping lines (vessels) arriving in India and Exports through shipping lines (vessels) out of India.

Further, CBIC has notified implementation of E-Seal for Export Containers vide Board Circular No. 36/2017 dated 28.08.2017as amended from time to time. The Government intends to encourage safe and secure Transport of Export bound Containers through implementation of E-Seal. Though the Facilitation for exporters using E-Seal is in place, automation of entire procedure would add efficiency to the existing procedure.

In the proposed procedure, The Exporters intending to avail E-Seal needs to complete one-time registration at the ICEGATE. The Application submitted would be approved by officers online. E-Seal affixed should be from a vendor authorized by Indian Customs. The Vendor registered on ICEGATE would submit Seal details to ICEGATE. The Exporters availing E-Seal is required to report departure of containers from their premises to ICEGATE using E-Seal Container Departure Message.

## 1.2 Scope:

The Scope of this document is to provide list of messages involved in this carrying out above stated responsibility by Terminal operators and provide format, sample for such communication. The brief of messages are as follows:

1. Exporter authorized for E-seal and registered with ICEGATE

2. Custodian notified by Customs under HCCAR

# Message Guidelines:

## 2.1 Introduction

This message guideline would help the users to prepare the declaration in the required format. The users can either utilize the data already available in the internal systems to generate this declaration in the required format by modifying their internal software systems or use an Excel/Json utility provided by CBIC/NIC in this regard.

The following sections may be referred for the preparation of the file.

1. The Hierarchy of the json objects are available in [Section – 3.2](file:///C%3A%5CUsers%5Cacer%5CDownloads%5CES%20MIG_V%200.3C_7.docx#3.2 Document Structure/Hierarchy:) of this document.
2. The attributes of the json objects for different messages is provided in [Section - 4.](file:///C%3A%5CUsers%5Cacer%5CDownloads%5CES%20MIG_V%200.3C_7.docx#4. Attribute Tables:)
3. The Schema and Sample Json formats are available in [Section - 6.](file:///C%3A%5CUsers%5Cacer%5CDownloads%5CES%20MIG_V%200.3C_7.docx#6. Json Schema & Sample Formats:)
4. Certain data elements are coded for bringing uniformity in the processing. The List of values for those data elements are given in [Section - 7](file:///C%3A%5CUsers%5Cacer%5CDownloads%5CES%20MIG_V%200.3C_7.docx#List of Values).
5. The file submitted to the ICEGATE should be in following name format. For e.g

***F\_IECHE01\_ES\_DBCSW2256R\_3456556\_17012019\_DEC.json***(<messageType><msgID><reportingEvent><SenderID><jobID><date>\_declaration)

The latest version is always available at the following link (<https://www.icegate.gov.in/SeaManifestRegulation.html>)

## 2.2 Submission of the File – ICEGATE:

The Declaration is to be submitted to Customs by User to ICEGATE either through:

* Web Upload or
* MFTP

An Excel-Utility/Json-Link will be provided to the end user at the Icegate website for generating JSON Inbound file for the simplicity of business.

The JSON file uploaded should be digitally signed as per the required format. (For more details, refer the following link: <https://www.icegate.gov.in/digitalSign/digitalSign.html>

## 2.3 Acknowledgement of the Declaration:

Any file sent to Icegate through proper channel would be responded through acknowledged mail with the response codes regarding acceptance or rejection of the declaration. If the file, sent by the user is non readable, a mail to that extent would be reverted back.

The List of Error Codes are available in [Section - 8](file:///C%3A%5CUsers%5Cacer%5CDownloads%5CES%20MIG_V%200.3C_7.docx#8. Error Codes:) and key fields for Inbound & Outbound File has described in [Section - 5](file:///C%3A%5CUsers%5Cacer%5CDownloads%5CES%20MIG_V%200.3C_7.docx#Object Attribute Table) of this document.

The Inbound message from the user undergoes two level of validations:

1. **Structural Validation**
2. **Data and Business Logic Validation**

### Structural Validation

It is the 1st level validation which matches the schema of the inbound file with its objects and attributes with the prescribed structure of that message. In case of a mismatch, a structural validation failure (SFL) acknowledgment would be sent as a response to the User.

For additional details, following links may be referred:

1. <https://json-schema.org/draft/2019-09/json-schema-validation.html>

2. <https://json-schema.org/specification.html>

3. <https://json-schema.org/draft-06/json-schema-release-notes.html>

It is the 1st level validation which arises when submitted file fails at Icegate end due to the error in matching the file against the structural schema validation.

The inbound file would undergo Second level business validation will only after successful structural validation.

### 2.3.2 Business Validation Acknowledgement:

Once the file has been validated for its structural correctness, the Customs Systems would validate the data with its inbuilt directories and data tables. The list of Error Codes given in [Section - 8](file:///C%3A%5CUsers%5CAngoZen%5CDownloads%5CES%20MIG_V%200.3C.docx#8. Error Codes:) of can serve as an indication on the kind of data validations the inbound files would undergo. *(Latest list of error codes can be accessed from Customs Duty Calculator page accessible through ICEGATE Website).* On Successful integration of the submitted JSON file with the Customs System, a positive ACK will be sent to the submitter with mandatory inputs tags objects. In case of error, a negative ACK file with error code and error description will be sent.

*2.3.2.1 Sample ACK Files and Schema :*

Sample ACK files and schema have been attached under [Section - 6](file:///C%3A%5CUsers%5CAngoZen%5CDownloads%5CES%20MIG_V%200.3C.docx#6. Json Schema & Sample Formats:) for the benefit of the stakeholders.

# 3. Customs Inland Manifest Format:

### 3.1 Declaration - JSON Objects:

The Declaration is divided into six Sections. In Json, these are termed as Objects.

1. Message Header
2. Master – includes Vehicle details
3. Equipment Hold details – container or Bonded Truck used to store cargo and accompanying eseal
4. Cargo – Cargo referenced by Customs Declaration (SB, BE, SMTP etc.)
5. Supporting Documents – Documents uploaded as pdf/image related to the declarations.
6. Signature – Properties of Digital Signature

### 3.2 Document Structure/Hierarchy:

Message Header

1..1

1..n

1..n

Master-Vehicle

Cargo

Equipment Hold

1..1

0..n

Supporting Documents

Signature

# 4. Attribute Tables:

## 4.1 IECHE01- ES (Eseal Departure Notification) -Declaration:

| Object | Attribute Name | Description | Data Type | Sample |
| --- | --- | --- | --- | --- |
| HeaderFieldRequired-True1..1 | senderID | ICEGATE ID | Character(c)-an..30 | DBCSW2256R |
| receiverID | ICEGATE code of Sea Manifest | Number(N)-an..30 | INPPG1 |
| versionNo | ICEGATE version being used | Number(N)-a..4 | 100V |
| Indicator | test (T) or production (P) indicator | Character(c)-a..1 | T |
| messageID | message name | Character(c)-an..7 | **IECHE01** |
| sequenceOrControlNumber | unique value that can be used to uniquely identify the document | Number(N)-n…3 | 9 |
| date | Date of transmission of message | Date (DDMMYYYY) | 15032020 |
| time | Time of transmission of message | Character(c) | 2245 |
| reportingEvent | Reporting Event | Character(c)-a..4 | ES |
| IECHE01 | **Master****Required-True****1..1** | Object created for **IECHE01** | Character(c) |  |
|  | messageType | Message Type (F-Fresh, D-Amendment/Cancellation) | Number(N) -a1 | F |
| portOfReporting  | Port of Reporting | Character(c) -an..6 | INPPG1 |
| jobNo  | Job Number | Character(c)-n7 | 3456589 |
| jobDate  | Job Date (DDMMYYYY) | Date (DDMMYYYY) | 15032020 |
|  reportingEvent  | Reporting Event | Character(c)- a..4 | ES |
| CIMNumber | Customs Inland Movement Number | Character(c)-n..15 | 123 |
| CIMDate | Customs Inland Movement Date (YYYYMMDD) | Date | 15032020 |
| reportingPartyType  | Reporting Party Type | Character(c)-a..7 | EXP or CBK |
| reportingPartyCode  | Reporting Party Code(IEC in case of EXP, CHA Code for CBK) | Character(c)-an15 | ABCDE1234D |
| referenceMovementType  | Reference Movement Type | Character(c)-a2 | EW |
| referenceMovementNumber | Reference Movement Number | Number(N)-an…35 | 180012123456 |
| referenceMovementDate | Reference Movement Date(DDMMYYYY) | Date | 22112018 |
| bondNumber  | Bond Number | Character(c)-an10 | 12 |
| reportingLocationCode  | IEC+Branch code of the esealing premises | Character(c)-an..15 | INCDE1234D |
| reportingLocationName  | Reporting Location Name | Character(c)-a..35 | Nagpur |
| nextDestinationOfUnlading  | Next Destination of Unloading | Character(c)-an..10 | INNSA1AGT1 |
| transportMeansType  | Transport Means Type(LOVs: 10 - IMO Vessel ; 11 - Non IMO Vessel) | Character(c)-a1 | 2 |
| transportMeansNumber  | Transport Means Regn Number | Character(c)-an..12 | MH01C1234 |
| transportMeanseIDType  | Transport Means eID Type | Character(c)-an..4 | FT |
| transportMeanseID  | Transport Means eID Number | Character(c)-an..16 | 12345678 |
| expectedTimeOfDeparture  | Expected Time of Departure(ddmmyyyy hh24:mi) | TIMESTAMP-ddmmyyyy hh24:mi | 20112018T22:45 |
| actualTimeOfDeparture  | Actual Time of Departure(ddmmyyyy hh24:mi) | TIMESTAMP-ddmmyyyy hh24:mi | 31112018T22:45 |
| expectedTimeOfArrival  | Expected Time of Arrival(ddmmyyyy hh24:mi) | TIMESTAMP-ddmmyyyy hh24:mi | 12112018T22:45 |
| actualTimeOfArrival | Actual Time of Arrival(ddmmyyyy hh24:mi) | TIMESTAMP-ddmmyyyy hh24:mi | 30112018T22:45 |
| authorisedPersonPAN | Authorised person PAN | Character(c)-an..10 | DBCSW2256R |
| totalEquipments | Total no of Transport Equipments  | Number(N)-n..4 | 9999 |
| cargoContainerRequired-True1..n | EquipmentSequenceNo  | EquipmentSequenceNo  | Number(N)-n..5 | 1 |
| containerID  | ContainerID | Character(c)-an..11 | ABN99088989 |
| equipmentType  | Equipment Type(LOVs: Refer section – 7) | Character(c)-an..3 | C |
| equipmentSize  | Equipment Size(values/codes as per ISO 6346 codes) | Character(c)-a4 | 1234 |
| equipmentLoadStatus  | Equipment Load Status | Character(c)-a3 | FCL |
| additionalEquipmentHold  | Additional Equipment Number | Character(c)-an..256 | A |
| finalDestinationLocation  | Destination Port Code | Character(c)-an..10 | INMAA42018 |
| eventDate  | Event Date(ddmmyyyy hh24:mi) | Timestamp(DDMMYYYY) | 21092017 |
| equipmentSealType  | Equipment Seal Type(LOVs: Refer section – 7) | Character(c)-a..5 | ESEAL |
| equipmentSealNumber  | Equipment Seal Number | Character(c)-a15 | AB453 |
| otherEquipmentID  | Other Equipment Number | Character(c)-an..256 | ATM2 |
| equipmentStatus | Equipment Status(LOVs: Refer section – 7) | Character(c)-a3 | 127 |
| cargoDetails Required-True1..n | cargoSequenceNo  | cargoSequenceNo | Number(N)-n..4 | 1234 |
| documentType  | Document Type | Character(c)-an..4 | SB |
| documentSite  | 6 digit port code where document is filed | Character(c)-an..6 | INNSA1 |
| documentNumber  | Document Number | Number(N)-n..7 | 23222223445 |
| documentDate  | Document Date(DDMMYYYY) | DATE(DDMMYYYY) | 21092016 |
| ShipmentLoadStatus | ShipmentLoadStatus(LOVs: P – Partial, F - Full) | Character(c)-a3 |  |
| packageType | Nature of Packaging | Character(c)-an..2 | P |
| Quantity | Quantity | Character(c)-n..16,6 |  |
|  packetsFrom  | Packets From | Number(N)-n6 | 20 |
| packetsTo  | Packets To | Number(N)-n6 | 70 |
| packUQC | Units of Packets  | Character(c)-a3 | AE |
| supportingDocuments:Required- False0…n | documentSerialNumber | Running SerialNumber | Number(N)-n..4 | 21 |
| equipmentSerialNumber | equipmentSerialNumber the document is associated with | Number(N)-n..5 | 23 |
| cargoSerialNumber | Cargo Serial Number the document is associated with | Number(N)- n..4 | DBCS |
| ICEGATEUserID  | Icegate User Id | Character(c)-a..15 | MASOND |
| IRNNumber  | IRN Number generated on ESanchit | Number(N)-n..14 | 12346567 |
| DocumentReferenceNumber  | Document Number assigned for Identification | Number(N)-a..17 | 22334444444 |
| documentTypeCode  | Document Type Code | Character(c)-a..6 | AP |
| beneficiaryCode | Beneficiary Code | Character(c)-a..35 | AFRVGH |
| digSign1..1 | startSignature  | startSignature  | Character(c)-an.. | Chgfhbvjhbjhgkjkjhikhlknkjhknkjhkjhkjhjmnkj |
| startCertificate  |  startCertificate  | Character(c)-an.. | efgh45743 |
| signerVersion |  signerVersion | Character(c)-an.. | 1.0 |

## 4.2 CHIEE01A - Eseal Departure Notification – Acknowledgement

| Object | AttributeName | Description | DataType | Sample |
| --- | --- | --- | --- | --- |
| CHIEE01A | **Master****Required-True****1..1** | Object created for **CHIEE01A** | Character(c) |  |
| messageType | Message Type (F-Fresh,A-Amendment) | Number(N) -a1 | F |
| portOfReporting  | Port of Reporting | Character(c) -an..6 | INPPG1 |
|  jobNo  | Job Number | Character(c) -n7 | 3456589 |
|  jobDate  | Job Date(DDMMYYYY) | Date(DDMMYYYY) | 31122018 |
| reportingEvent  | Reporting Event | Character(c)- a..4 | CSM |
| CIMNumber | Customs Inland Movement Number | Character(c)- n..12 | 123 |
| CIMDate | Customs Inland Movement Date(DDMMYYYY) | Date(DDMMYYYY) | 22112018 |
| **masterErrorCode** |  |  |  |
| pathName | Path in file up to the error |  | /arrDepTPManifest/IECHE01/master/ |
| errorCode | Unique code defined for error |  | 49 |
| errorMessage | Description of error |  | Invalid Entity Type/PAN |
| cargoContainerRequired-True1..n | EquipmentSequenceNo  | EquipmentSequenceNo  | Number(N)- n..5 | 1 |
| containerID  | ContainerID | Character(c)- an..11 | ABN99088989 |
| equipmentType  | Equipment Type | Character(c)- an..3 | C |
| **cargoContainerErrorCode** |  |  |  |
| pathName | Path in file up to the error |  | /arrDepTPManifest/IECHE01/master/ |
| errorCode | Unique code defined for error |  | 49 |
| errorMessage | Description of error |  | Invalid Entity Type/PAN |
| cargoDetails Required-True1..n | cargoSequenceNo  | cargoSequenceNo | Number(N)- n..4 | 1234 |
| documentType  | Document Type | Character(c)- an..4 | SB |
| documentSite  | Document Site | Character(c)- an..6 | INNSA1 |
| documentNumber  | Document Number | Number(N)- n..12 | 23222223445 |
| documentDate  | Document Date(DDMMYYYY) | DATE(DDMMYYYY) | 21092016 |
| **cargoDetailsErrorCode** |  |  |  |
| pathName | Path in file up to the error |  | /arrDepTPManifest/IECHE01/master/ |
| errorCode | Unique code defined for error |  | 49 |
| errorMessage | Description of error |  | Invalid Entity Type/PAN |
| supportingDocuments:Required- False1…1 | documentSerialNumber | documentSerialNumber | Number(N)- n..4 | 21 |
| equipmentSerialNumber | equipmentSerialNumber | Number(N)- n..5 | 23 |
| cargoSerialNumber | Cargo Serial Number | Number(N)- n..5 | DBCS |
| **supportingDocumentsErrorCode** |  |  |  |
| pathName | Path in file up to the error |  | /arrDepTPManifest/IECHE01/master/ |
| errorCode | Unique code defined for error |  | 49 |
| errorMessage | Description of error |  | Invalid Entity Type/PAN |
| digSign1..1 | startSignature  | startSignature  | Character(c)-an.. | chgfhbvjhbjhgkjkjhikhlknkjhknkjhkjhkjhjmnkj |
|  startCertificate  |  startCertificate  | Character(c)-an.. | efgh45743 |
|  signerVersion |  signerVersion | Character(c)-an.. | 1.0 |

# Object Attribute Table

|  | **Field Description** | **ES (Inbound file)** | **ES – Deletion (Inbound file** | **ES - (Outbound file)** |
| --- | --- | --- | --- | --- |
|   | **Header (headerField)** | M | M |  |
|   |   | Sender ID ("senderID") | M | M |  |
|   | Receiver ID ("receiverID") | M | M |  |
|   | Version No. ("versionNo") | M | M |  |
|   | Indicator ("indicator") | M | M |  |
|   | Message ID (messageID) | M | M |  |
|   | Sequence No. ("sequenceOrControlNumber") | M | M |  |
|   | Job Date ("date") | M | M |  |
|   | Job Time ("time") | M | M |  |
|   | Reporting Event ("reportingEvent") | ES | ES |  |
|  | **Master ("master")** | M | M | M |
|   |   |   | Message Type ("messageType",) | M (F) | M (D) | M |
|   |   | Port of Reporting ("portOfReporting ",) | M | M | M |
|   |   | Job Number ("jobNo",) | M | M | M |
|   |   | Job Date ("jobDate",)  | M | M | M |
|   |   | Reporting Event ("reportingEvent ") | M  | M  | M |
|   |   | CIM No (CIMNumber | X | M | O |
|   |   | CIM Date (CIMDate) | X | M | O |
|   |   | Reporting party Type ( reportingPartyType ) | M | M |  |
|   |   | Reporting Party Code (reportingPartyCode ) | M | M |  |
|   |   | Reference Movement Type (referenceMovementType ) | M | X |  |
|   |   | Reference Movement Tno (referenceMovementNumber | M | X |  |
|   |   | Reference Movement date (referenceMovementDate) | M | X |  |
|   |   | Bond No (bondNumber ) | O | X |  |
|   |   | Reporting location code (reportingLocationCode ) | M | X |  |
|   |   | Reporting location Name (reportingLocationName ) | M | X |  |
|   |   | Next Destination of Unlading ( nextDestinationOfUnlading ) | M | X |  |
|   |   | Transport Means Type ( transportMeansType ) | M | X |  |
|   |   | Transport Means No. (transportMeansNumber  | M | X |  |
|   |   | Transport Means EID Type ( transportMeanseIDType ) | M | X |  |
|   |   | Transport Means eID ( transportMeanseID ) | M | X |  |
|   |   | Expected Time of Departure (expectedTimeOfDeparture ) | M | X |  |
|   |   | Actual Time of Departure (actualTimeOfDeparture ) | O | X |  |
|   |   | Expected Time of Arrival ( expectedTimeOfArrival ) | M | X |  |
|   |   | Actual Time of Arrival (actualTimeOfArrival) | O | X |  |
|  |  | PAN of Authorized person (authorisedPersonPAN) | M | M |  |
|  |  | Total No. of Equipment (totalEquipments) | M | X |  |
|  |  | Error Code for Master ("masterErrorCode") | X | X | M |
|  |  | Path of Error (pathName) | X | X | M |
|  |  | Code of Error (errorCode) | X | X | M |
|  |  | Error Description (errorMessage) | X | X | M |
|   |   | Cargo Container (cargoContainer) | M | X | M |
|   |   |   | Equipment Sequence No. (EquipmentSequenceNo ) | M |  | M |
|   |   | Container Number (containerID ) | M |  | M |
|   |   | Equipment Type (equipmentType ) | M |  | M |
|   |   | Equipment Size (equipmentSize ) | M |  |  |
|   |   | Equipment Load Status ( equipmentLoadStatus ) | M |  |  |
|   |   | Additional Equipment Hold (additionalEquipmentHold  | M |  |  |
|   |   | Final Destination Location (finalDestinationLocation) | M |  |  |
|   |   | Event Date ("eventDate)  | M |  |  |
|   |   | Equipment SealType (equipmentSealType ) | M |  |  |
|   |   | Equipmrnt Seal No.(equipmentSealNumber ) | M |  |  |
|   |   | Other Equipments (otherEquipmentID ) | O |  |  |
|   |   | Equipment Status (equipmentStatus) | M |  |  |
|  |  |  | Error Code for Cargo Container ("cargoContainerErrorCode") |  |  | M |
|  |  |  | Path of Error (pathName) |  |  | M |
|  |  |  | Code of Error (errorCode) |  |  | M |
|  |  |  | Error Description (errorMessage) |  |  | M |
|   |   | Cargo Details (""cargoDetails") | M | X | M |
|   |   |   | Cargo Sequence No (cargoSequenceNo  | M |  | M |
|   |   | Document Type (documentType ) | M |  | M |
|   |   | Document Site (documentSite ) | M |  | M |
|   |   | Document No.( documentNumber ) | M |  | M |
|   |   | Document Date (documentDate) | M |  | M |
|   |   | Shipment Load Status (ShipmentLoadStatus) | M |  |  |
|   |   | Type of Package (packageType) | O |  |  |
|   |   | Package Quantity (Quantity | X |  |  |
|   |   | Packets From ( packetsFrom ) | X |  |  |
|   |   | Packets To (packetsTo ) | X |  |  |
|   |   | Package UQC (packUQC) | X |  |  |
|  |  |  | Error Code for Cargo Details ("cargoDetailsErrorCode") | X |  | M |
|  |  |  | Path of Error (pathName) | X |  | M |
|  |  |  | Code of Error (errorCode) | X |  | M |
|  |  |  | Error Description (errorMessage) | X |  | M |
|   |   | Supporting Documents | O | O | O |
|   |   |   | Document Serial No. (documentSerialNumber) | M | M | M |
|   |   | Equipment Serial No. (equipmentSerialNumber | M | M | M |
|   |   | Cargo Serial No. (cargoSerialNumber) | M | M | M |
|   |   | User Icegate Registration ID (ICEGATEUserID ) | M | M |  |
|   |   | IRN No. (IRNNumber ) | M | M |  |
|   |   | Document Reference No. (documentReferenceNumber ) | M | M |  |
|   |   | Code for Document Type (documentTypeCode)  | M | M |  |
|   |   | Beneficiary Code ( beneficiaryCode) | M | M |  |
|  |  |  | Error Code for Supporting Documents ("supportingDocumentsErrorCode") | X | X | M |
|  |  |  | Path of Error (pathName) | X | X | M |
|  |  |  | Code of Error (errorCode) | X | X | M |
|  |  |  | Error Description (errorMessage) | X | X | M |
|   |   | Digital signature ("digSign") | M | M |  |
|   |   |   | Digital Signature (startSignature ) | M | M |  |
|   |   | Digital Certificate (startCertificate ) | M | M |  |
|   |   | Digital Certificate Version No. (signerVersion | M | M |  |

# 6. Json Schema & Sample Formats:

## 6.1 IECHE01-ES (Eseal Departure Notification ) & ESD – Json Schema:

  

## 6.2 CHIEE01A-ES ( Eseal Departure Notification Ack. )– Json Schema

 

## 6.3 CHIEE01A – ES ( Eseal Departure Notification Ack.)- Sample Json

 

## 6.4 IECHE01– ES-SAK, ES-NAK and ESD Samples Json

ES - SAK Declaration and Response Files:

  

 ES - NAK Declaration and Response Files:

  

 ESD Declaration and Response Samples

  

# List of Values

| Object Name | Description | Code |
| --- | --- | --- |
| Message Type  | Fresh | F |
| Amendment | A |
| Indicator  | Production | P |
| Test | T |
| Reporting Event  | Eseal Departure | ES |
| Export Departure | ED |
| Package Type   | Packaged | P |
| Liquid Bulk | LB |
| Dry Bulk | DB |
| Load Status  | Partial | P |
| Full | F |
| Equipment Seal Type   | E-Seal | ESEAL |
| Bottle Seal | BTSL |
| Other Seal | OTH |
| Equipment Load Status   | Full Container Load | FCL |
| Less Container Load | LCL |
| Empty | EMP |
| Equipment Type   | Container | CN |
| Bonded Truck | B |
| Wagon | W |
| Breakbulk | BB |
| Blocks | BL |
| Chassis | CH |
| Onboard Equipment | DPL |
| Trailer | TE |
| Equ\_Status | Arrival, completed | 001 |
| Arrival, in defective condition | 3 |
| Consolidated | 15 |
| Crossed border | 16 |
| Damaged in the course of transportation | 18 |
| Forwarded to destination | 35 |
| Seals, replaced | 208 |
| Damaged | 218 |
| Means of transport, damaged | 238 |
| Packaging/equipment opened | 309 |
| Seals, damaged | 335 |
| Seals, broken | 336 |
| Seals, tampered | 337 |
| Departed, completed on a means of transport | 127 |
| Stuffed and sealed | 94 |
| Ready for transportation | 71 |
| Trans Mode  | Rail | 2 |
| Road | 3 |

# 8. Error Codes:

## 8.1 Error Codes – Structural Validations :

|  |  |
| --- | --- |
| Error Code | Error Code Description |
| RS001 | Error in case of resubmission of same job number in a day |
| DT-012 | [ISC.0082.9469] Value does not match pattern(s) |
| DT-005 | [ISC.0082.9465] Value is longer than maximum length |
| NV-009 | [ISC.0082.9009] Child element equipmentSerialNumber {} at position 0 is unexpected |
| NV-003 | [ISC.0082.9003] Unable to locate a matching element declaration  |

## 8.2 Error Code – Data Validations:

| Error Code | Error Code Description |
| --- | --- |
| 00 | Success |
| 01 | Duplicate Records |
| 02 | Incorrect Party Type |
| 03 | Invalid Mesg Type |
| 04 | Invalid Reporting Event |
| 05 | Invalid Port of Reporting  |
| 06 | Mandatory Field Contains Null Value |
| 07 | Incorrect Party Code |
| 08 | Incorrect Movement Type |
| 09 | Incorrect Movement Number Format |
| 10 | Invalid Location Code/Format |
| 11 | Invalid Next Destination Code/Format |
| 12 | Invalid Transport Means |
| 13 | Invalid Authorised Person PAN |
| 14 | Invalid Equipment Type |
| 15 | Invalid Equipment Size  |
| 16 | Container Details Not Available |
| 17 | Cargo Details Not Available |
| 18 | Invalid Equipment Load Status |
| 19 | Invalid Final Destination Code/Format |
| 20 | Invalid Equipment Seal Type |
| 21 | Invalid Equipment Seal Number  |
| 22 | Invalid Equipment Seal Status  |
| 23 | Incorrect Document Type  |
| 24 | CIM is Already Exists(Entity\_Type+PAN) check the unique Parameter |
| 25 | Only Fresh Message is made online |
| 26 | Invalid Document Site  |
| 27 | Invalid Shipment Load Status |
| 28 | Invalid Package Type |
| 29 | Invalid Document Reference Number |
| 30 | Doc Ref No. Should Indicate Master only |
| 31 | Doc Ref No. Should Indicate Container only |
| 32 | Doc Ref No. Should Indicate Cargo only |
| 33 | Invalid Authorized Party Code |
| 34 | Invalid Transport Mode |
| 35 | Invalid Document Type |
| 36 | No Container Details Exists for the Cargo |
| 37 | Equipment Details Already Entered |
| 38 | Authorized Person Not Registered |
| 39 | Invalid ESeal No for IEC |
| 40 | Invalid Supp.Doc.Code->IRN+IcegateID+DocCode |
| 41 | Duplicate Cargo Details for a EqmtSrno |
| 42 | CIM No/Date is Not Null |
| 43 | Invalid Cargo Document Site |
| 44 | Invalid Cargo Document number and Date |
| 45 | Cargo Document IEC is Not Matching |
| 46 | Error in Cargo Document |
| 47 | Goods Registration for SB is Done |
| 48 | No Cargo Details Exists for Given Container Number |
| 49 | Total Equipment in Master Not Match With Actual Equipment List |
| 50 | Incorrect Requested Type Mentioned |
| 51 | Incorrect Requested By As Per Requested Type |
| 52 | Requested By Does Not Match With Party Code  |

## 8.3 Error Code for Cancel CIM:

|  |  |
| --- | --- |
| Error Code | Error Code Description |
| 100 | CIM Deleted Successfully |
| 101 | Incorrect CIM Details – Null or Not-Exist in ICES |
| 102 | Gate in is already done |
| 103 | CIM Sender Id Mismatch |
| 104 | CIM already deleted |