ACE Response Manual
1.0.2

Data

Name:	data
Full Path:	aceResponse.data
Type:	String Value
Is Required?:	Yes
Minimum Length:	8
Maximum Length:	20
Pattern:	^ACE_RESPONSE$
JSON Reference Data:	https://borderconnect.com/data/data-types.json

Sample JSON:

"data": "ACE_RESPONSE"

Description:

– Used to indicate the type of data the JSON file contains. e.g. for an ACE Response value will be "ACE_RESPONSE"

– A list of acceptable data types can be found here: https://borderconnect.com/data/data-types.json

Company Key   Section: 1.2

Name:	companyKey
Full Path:	aceResponse.companyKey
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	30

Sample JSON:

"companyKey": "c-9000-2bcd8ae5954e0c48"

Description:

– Used when connected as a service provider to identify which company account the API Response pertains to. Will exactly match company key for the account.

Date Time

Section: 1.3

Name:	dateTime
Full Path:	aceResponse.dateTime
Type:	String Value
Is Required?:	Yes
Minimum Length:	19
Maximum Length:	19

Sample JSON:

"dateTime": "2014-09-22 09:05:55"

Description:

– Indicates the date and time at which the ACE response was processed by BorderConnect.

CBP Date Time   Section: 1.4

Name: cbpDateTime
Full Path: aceResponse.cbpDateTime
Type: String Value
Is Required?:   Yes
Minimum Length: 19
Maximum Length: 19

Sample JSON:

"cbpDateTime": "2014-09-22 09:38:55"

Description:

– The timestamp provided by U.S. Customs and Border Protection (CBP) to indicate their own internal processing time.

Send Request
Section: 1.5

Name: sendRequest
Full Path: aceResponse.sendRequest
Type: Object
Is Required?:   Yes

Sample JSON:

```
"sendRequest": {
    "type": "AMEND_TRIP_AND_SHIPMENTS",
    "tripNumber": "32525235",
    "inbondArrivalDateTime": "2014-09-25 09:05:55",
    "inbondExportDateTime": "2014-09-25 09:05:55"
}
```

Description:

- Provides details as to the ACE Send Request that is associated with the ACE Response.

- See details on individual fields below.

Send Request Type

<div align="right">Section: 1.5.1</div>

Name:	type
Full Path:	aceResponse.sendRequest.type
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	40
JSON Reference Data:	https://borderconnect.com/data/us/ace/send-request-types.json

Sample JSON:

"type": "AMEND_TRIP_AND_SHIPMENTS"

Description:

- A list of acceptable data types can be found here: http://borderconnect.com/borderconnect/data/us/ace/send-request-types.json
- Used to specify what type of transmission to customs was made.

Send Request Trip Number

Section: 1.5.2

Name: tripNumber
Full Path: aceResponse.sendRequest.tripNumber
Type: String Value
Is Required?:   No
Minimum Length: 8
Maximum Length: 25

Sample JSON:

"tripNumber": "32525235"

Description:

– Indicates the ACE trip number the send request was for. Will not appear if the send request was for an ACE Shipment.

Send Request Shipment Control Number

Section: 1.5.3

Name:	shipmentControlNumber
Full Path:	aceResponse.sendRequest.shipmentControlNumber
Type:	String Value
Is Required?:	No
Minimum Length:	8
Maximum Length:	16

Sample JSON:

"shipmentControlNumber": "32525235"

Description:

– Indicates the shipment control number the send request is for. Will not appear if the send request was for an ACE trip.

Name:	inbondArrivalDateTime
Full Path:	aceResponse.sendRequest.inbondArrivalDateTime
Type:	String Value
Is Required?:	No
Minimum Length:	
Maximum Length:	

Sample JSON:

"inbondArrivalDateTime": "2014-09-25 09:05:55"

Description:

<div align="right">

Section: 1.5.5

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Name:	inbondExportDateTime
Full Path:	aceResponse.sendRequest.inbondExportDateTime
Type:	String Value
Is Required?:	No
Minimum Length:	
Maximum Length:	

Sample JSON:

"inbondExportDateTime": "2014-09-25 09:05:55"

Description:

Shipment Status List
Section: 1.6

Name:	shipmentStatusList
Full Path:	aceResponse.shipmentStatusList
Type:	Array<JsonObject>
Is Required?:	No
Minimum Items (of elements in array):	0
Maximum Items (of elements in array):	9999

Sample JSON:

```
[
  {
    "shipmentControlNumber": "12345555",
    "code": "1S",
    "description": "Ordered to general order",
    "quantity": 14,
    "entryNumber": "EI52211107",
    "port": "0904"
  },
  {
    "shipmentControlNumber": "12245000",
    "code": "1L",
    "description": "Bill of lading late",
    "quantity": 14,
    "entryNumber": "EI52211133",
    "port": "0904"
  }
]
```

Description:

– Provides a list of shipment status updates for ACE shipments linked to the ACE trip.

Shipment Status

Section: 1.6.1

Name: shipmentStatus
Full Path: aceResponse.shipmentStatusList.shipmentStatus
Type: Object
Is Required?:   No

Sample JSON:

```
{
   "shipmentControlNumber": "12345555",
   "code": "1S",
   "description": "Ordered to general order",
   "quantity": 14,
   "entryNumber": "EI52211107",
   "port": "0904"
}
```

Description:

– Provides a status update with regard to an ACE shipment linked to the ACE trip.

– See individual field elements below.

Shipment Status Shipment Control Number

Section: 1.6.1.1

Name:	shipmentControlNumber
Full Path:	aceResponse.shipmentStatusList.shipmentStatus.shipmentControlNumber
Type:	String Value
Is Required?:	Yes
Minimum Length:	8
Maximum Length:	16

Sample JSON:

"shipmentControlNumber": "12345555"

Description:

– Used to indicate which ACE shipment this status update pertains to.

Shipment Status Code

Section: 1.6.1.2

Name:	code
Full Path:	aceResponse.shipmentStatusList.shipmentStatus.code
Type:	String Value
Is Required?:	Yes
Minimum Length:	2
Maximum Length:	2
JSON Reference Data:	https://borderconnect.com/data/us/ace/response-shipment-status-codes.json

Sample JSON:

```
"code": "1S"
```

Description:

– Coded value indicating what type of shipment status update it is.

– For a list of codes, please click here: http://borderconnect.com/borderconnect/data/us/ace/response-shipment-status-codes.json

Shipment Status Description   Section: 1.6.1.3

Name:	description
Full Path:	aceResponse.shipmentStatusList.shipmentStatus.description
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	50

Sample JSON:

"description": "Ordered to general order"

Description:

– Plain text description corresponding to the Shipment Status Code. Indicates what type of shipment status update it is.

Shipment Status Quantity   Section: 1.6.1.4

Name: quantity
Full Path: aceResponse.shipmentStatusList.shipmentStatus.quantity
Type: Numeric Value
Is Required?:   Yes

Sample JSON:

"quantity": 14

Description:

– Cargo quantity quoted by CBP in regard to the shipments status update.
– Meaning is specific to the type of status update. e.g. if it is "Entered and released general examination" this indicates the quantity that is customs released.

Shipment Status Entry Number   Section: 1.6.1.5

Name:	entryNumber
Full Path:	aceResponse.shipmentStatusList.shipmentStatus.entryNumber
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	16

Sample JSON:

"entryNumber": "EI52211107"

Description:

- Indicates the entry number of the customs broker's PAPS filing, or the in-bond entry number, if either are applicable to the shipment status update.
- Broker's entry numbers will be 11 digits alphanumeric. In-bond entry numbers are generally 9 digits numeric.

Shipment Status Port

Section: 1.6.1.6

Name:	port
Full Path:	aceResponse.shipmentStatusList.shipmentStatus.port
Type:	String Value
Is Required?:	No
Minimum Length:	4
Maximum Length:	4
JSON Reference Data:	https://borderconnect.com/data/us/ace/us-port-codes.json

Sample JSON:

"port": "0904"

Description:

- The U.S. Customs and Border Protection port code that pertains to the shipment status update, if applicable.
- For a list of CBP port codes, click here: http://borderconnect.com/borderconnect/data/us/ace/us-port-codes.json
- Meaning is specific to the type of status update. e.g. if it is "Customs hold placed at port of discharge" this indicates which customs port placed the hold, or if it is "Entry on file by customs broker" this indicates which port the broker submitted their entry for.

Trip Status   Section: 1.7

Name: tripStatus
Full Path: aceResponse.tripStatus
Type: Object
Is Required?:   No

Sample JSON:

```
"tripStatus": {
    "code": "REQ",
    "description": "Trailer Released"
}
```

Description:

– Used to provide a status update with respect to the trip.

– See individual field elements below.

Trip Status Code

Section: 1.7.1

Name:	code
Full Path:	aceResponse.tripStatus.code
Type:	String Value
Is Required?:	Yes
Minimum Length:	3
Maximum Length:	3
JSON Reference Data:	https://borderconnect.com/data/us/ace/response-trip-status-codes.json

Sample JSON:

"code": "REQ"

Description:

- Coded value indicating what type of shipment status update it is.
- For a list of codes, please click here: http://borderconnect.com/borderconnect/data/us/ace/response-trip-status-codes.json

Trip Status Description

Section: 1.7.2

Name:	description
Full Path:	aceResponse.tripStatus.description
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	50

Sample JSON:

"description": "Trailer Released"

Description:

– Plain text description that corresponds to the Trip Status Code.

Validation Responses   Section: 1.8

Name: validationResponses
Full Path: aceResponse.validationResponses
Type: Array<JsonObject>
Is Required?:   No
Minimum Items (of elements in array):   0
Maximum Items (of elements in array):   9999

Sample JSON:

```
[
  {
    "code": "418",
    "description": "Duplicate Trip Number",
    "reference": "Trip [TEST0001]"
  }
]
```

Description:

– Contains a list of CBP rejection responses. Will only appear if there are one or more CBP rejects for the manifest.

Validation Response

Section: 1.8.1

Name: validationResponse
Full Path: aceResponse.validationResponses.validationResponse
Type: Object
Is Required?:   No

Sample JSON:

```
{
   "code": "418",
   "description": "Duplicate Trip Number",
   "reference": "Trip [TEST0001]"
}
```

Description:

- Used to indicate the reason for the CBP reject.
- Please see individual field elements below.

Validation Response Code

Section: 1.8.1.1

Name:	code
Full Path:	aceResponse.validationResponses.validationResponse.code
Type:	String Value
Is Required?:	Yes
Minimum Length:	3
Maximum Length:	3

Sample JSON:

```
"code": "418"
```

Description:

– Coded value indicating the reason for the reject.

– For a complete list of Validation Response Codes, please contact BorderConnect. The reason will also be stated in plain English under validationResponse.description

Validation Response Description

Section: 1.8.1.2

Name: description
Full Path: aceResponse.validationResponses.validationResponse.description
Type: String Value
Is Required?:   Yes
Minimum Length: 1
Maximum Length: 50

Sample JSON:

"description": "Duplicate Trip Number"

Description:

– Plain text description of the reject. Corresponds to the Validation Response Code.

Validation Response Reference

Section: 1.8.1.3

Name: reference
Full Path: aceResponse.validationResponses.validationResponse.reference
Type: String Value
Is Required?:   No
Minimum Length: 1
Maximum Length: 50

Sample JSON:

"reference": "Trip [TEST0001]"

Description:

– Indicates the field and the value causing the reject.

Processing Response   Section: 1.9

Name: processingResponse
Full Path: aceResponse.processingResponse
Type: Object
Is Required?:   No

Sample JSON:

```
"processingResponse": {
    "shipmentsRejected": 0,
    "shipmentsAccepted": 0
}
```

Description:

– Used to indicate how many shipments from a Send Request are accepted and how many are rejected.
– Will only appear when the ACE Response is not a shipment status update or trip status update.
– Please note that even when shipmentsRejected is 0, the response is still a reject if aceResponse.validationResponses is present.

Shipments Rejected

Section: 1.9.1

Name: shipmentsRejected
Full Path: aceResponse.processingResponse.shipmentsRejected
Type: Numeric Value
Is Required?:   Yes

Sample JSON:

"shipmentsRejected": 0

Description:

– The number of ACE Shipments rejected by CBP in response to an ACE eManifest transmission.

– Please note that even when shipmentsRejected is 0, the response is still a reject if aceResponse.validationResponses is present.

Shipments Accepted

Section: 1.9.2

Name: shipmentsAccepted
Full Path: aceResponse.processingResponse.shipmentsAccepted
Type: Numeric Value
Is Required?:   Yes

Sample JSON:

"shipmentsAccepted": 0

Description:

– The number of ACE Shipments accepted by CBP in response to an ACE eManifest transmission.

– Please note that if the ACE Trip has no attached ACE Shipments, this number will always be zero.