

# ACI Response Manual

1.0.2

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## Data

Section: 1.1

Name:	data
Full Path:	aciResponse.data
Type:	String Value
Is Required?:	Yes
Minimum Length:	8
Maximum Length:	20
Pattern:	^ACI_RESPONSE\$
JSON Reference Data:	<a href="https://borderconnect.com/data/data-types.json">https://borderconnect.com/data/data-types.json</a>

### Sample JSON:

```
"data": "ACI_RESPONSE"
```

### Description:

- Used to indicate the type of data the JSON file contains. e.g., for an ACI Response the data field should be "ACI\_RESPONSE"
- A list of acceptable data types can be found here: <http://borderconnect.com/borderconnect/data/data-types.json>

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## Company Key

Section: 1.2

Name:	companyKey
Full Path:	aciResponse.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.

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## Send Request

Section: 1.3

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

### Sample JSON:

```
"sendRequest": {  
  "tripNumber": "54545453245",  
  "type": "ORIGINAL",  
  "bundleTripAndShipments": false,  
  "tripAmendmentReasonCode": "30",  
  "shipmentAmendmentReasonCode": "30"  
}
```

### Description:

- Provides details as to the ACI Send Request that is associated with the ACI Response.
- See details on individual fields below.

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## Send Request Trip Number

Section: 1.3.1

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

### Sample JSON:

```
"tripNumber": "54545453245"
```

### Description:

- Indicates the ACi trip number the send request was for. Will not appear if the send request was for an ACI Shipment.

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## Send Request Cargo Control Number

Section: 1.3.2

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

### Sample JSON:

```
"cargoControlNumber": "54545453245"
```

### Description:

- Indicates the cargo control number the send request is for. Will not appear if the send request was for an ACI trip.

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## Send Request Type

Section: 1.3.3

Name:	type
Full Path:	aciResponse.sendRequest.type
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	40
JSON Reference Data:	<a href="https://borderconnect.com/data/ca/aci/send-request-types.json">https://borderconnect.com/data/ca/aci/send-request-types.json</a>

### Sample JSON:

```
"type": "ORIGINAL"
```

### Description:

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

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## Bundle Trip And Shipments

Section: 1.3.4

Name:	bundleTripAndShipments
Full Path:	aciResponse.sendRequest.bundleTripAndShipments
Type:	Boolean Value
Is Required?:	Yes

### Sample JSON:

```
"bundleTripAndShipments": false
```

### Description:

- Used to indicate whether the ACI shipments attached to the ACI trip were also transmitted to CBSA in the ACI Send Request.



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## Trip Amendment Reason Code

Section: 1.3.5

Name:	tripAmendmentReasonCode
Full Path:	aciResponse.sendRequest.tripAmendmentReasonCode
Type:	String Value
Is Required?:	No
Minimum Length:	2
Maximum Length:	2
JSON Reference Data:	<a href="https://borderconnect.com/data/ca/aci/amendment-reason-codes.json">https://borderconnect.com/data/ca/aci/amendment-reason-codes.json</a>

### Sample JSON:

```
"tripAmendmentReasonCode": "30"
```

### Description:

- Used to indicate the reason the trip was amended.
- Will only appear if the send request was an amend.
- For a list of acceptable Amendment Reason Codes click here:  
<http://borderconnect.com/borderconnect/data/ca/aci/amendment-reason-codes.json>

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## Shipment Amendment Reason Code

Section: 1.3.6

Name:	shipmentAmendmentReasonCode
Full Path:	aciResponse.sendRequest.shipmentAmendmentReasonCode
Type:	String Value
Is Required?:	No
Minimum Length:	2
Maximum Length:	2
JSON Reference Data:	<a href="https://borderconnect.com/data/ca/aci/amendment-reason-codes.json">https://borderconnect.com/data/ca/aci/amendment-reason-codes.json</a>

### Sample JSON:

```
"shipmentAmendmentReasonCode": "30"
```

### Description:

- Used to indicate the reason for the amendment.
- Will only appear if the send request was an amend.
- For a list of acceptable Amendment Reason Codes click here:  
<http://borderconnect.com/borderconnect/data/ca/aci/amendment-reason-codes.json>

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## Date Time

Section: 1.4

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

### Sample JSON:

```
"dateTime": "2014-09-25 09:05:55"
```

### Description:

- Indicates the date and time at which the ACI response was processed by BorderConnect.

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## CBSA Date Time

Section: 1.5

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

### Sample JSON:

```
"cbsaDateTime": "2014-11-01 04:50:12"
```

### Description:

- The timestamp provided by the Canada Border Services Agency (CBSA) to indicate their own internal processing time.

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## Type

Section: 1.6

Name:	type
Full Path:	aciResponse.type
Type:	String Value
Is Required?:	Yes
Minimum Length:	6
Maximum Length:	6

### Sample JSON:

```
"type": "ACCEPT"
```

### Description:

- Used to indicate whether the ACI Send Request was accepted by CBSA or not.
- Will be either "ACCEPT" or "REJECT"

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## Trip Number

Section: 1.7

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

### Sample JSON:

```
"tripNumber": "14239458"
```

### Description:

- The trip number of the ACI eManifest that is being accepted or rejected. Will not appear for ACI Shipment responses.

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## Cargo Control Number

Section: 1.8

Name:	cargoControlNumber
Full Path:	aciResponse.cargoControlNumber
Type:	String Value
Is Required?:	No
Minimum Length:	8
Maximum Length:	25

### Sample JSON:

```
"cargoControlNumber": "14239458"
```

### Description:

- The cargo control number of the ACI Shipment that is being accepted or rejected. Will not appear for ACI Trip responses.

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## Error Responses

Section: 1.9

Name:	errorResponses
Full Path:	aciResponse.errorResponses
Type:	Array<JsonObject>
Is Required?:	No
Minimum Items (of elements in array):	0
Maximum Items (of elements in array):	99

### Sample JSON:

```
[
  {
    "errorCode": "B23",
    "errorField": "Shipper1",
    "errorDescription": "Number of occurrences exceeds maximum",
    "errorText": "1423100946"
  }
]
```

### Description:

- In the cases of a reject, contains a list of errors describing the reason for the reject by CBSA.
- Will not appear if the response is an accept.



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## Error Response

Section: 1.9.1

Name:	errorResponse
Full Path:	aciResponse.errorResponses.errorResponse
Type:	Object
Is Required?:	No

### Sample JSON:

```
{
  "errorCode": "B23",
  "errorField": "Shipper1",
  "errorDescription": "Number of occurrences exceeds maximum",
  "errorText": "1423100946"
}
```

### Description:

- Provides full details on a CBSA reject.

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## Error Code

Section: 1.9.1.1

Name:	errorCode
Full Path:	aciResponse.errorResponses.errorResponse.errorCode
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	3
JSON Reference Data:	<a href="https://borderconnect.com/data/ca/aci/aci-error-response-codes.json">https://borderconnect.com/data/ca/aci/aci-error-response-codes.json</a>

### Sample JSON:

```
"errorCode": "B23"
```

### Description:

- Coded value indicating the reason for the reject.
- For a list of error codes please click here: <http://www.borderconnect.com/borderconnect/data/ca/aci/aci-error-response-codes.json>

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## Error Field

Section: 1.9.1.2

Name:	errorField
Full Path:	aciResponse.errorResponses.errorResponse.errorField
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	60

### Sample JSON:

```
"errorField": "Shipper1"
```

### Description:

- Indicates which eManifest field is the cause of the reject.

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## Error Description

Section: 1.9.1.3

Name:	errorDescription
Full Path:	aciResponse.errorResponses.errorResponse.errorDescription
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	60

### Sample JSON:

```
"errorDescription": "Number of occurrences exceeds maximum"
```

### Description:

- Plain text description of the error. Corresponds to the Error Code.

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## Error Text

Section: 1.9.1.4

Name:	errorText
Full Path:	aciResponse.errorResponses.errorResponse.errorText
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	100

### Sample JSON:

```
"errorText": "1423100946"
```

### Description:

- Freetext field, normally used to indicate which value was the cause of the reject.
- In the case of a manual officer reject (500 series of error codes) will instead be used to display a message keyed in by the rejecting officer.