

ACI eManifest BorderConnect
JSON Reference Manual
1.0.6

Data

Section: 1.1

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

Sample JSON:

```
"data": "ACI_TRIP"
```

Description:

- Used to indicate the type of data the JSON file contains. For example, if you intend to upload a complete ACI Trip, you should use the value "ACI_TRIP", but if you are only uploading ACI Shipments, you should use "ACI_SHIPMENT".
- A list of acceptable data types can be found here: <http://borderconnect.com/borderconnect/data/data-types.json>

Send ID

Section: 1.2

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

Sample JSON:

```
"sendId": "001"
```

Description:

- Unique ID assigned by the software integrating with BorderConnect.
- Will be quoted in server responses related to your JSON upload.
- e.g. if this is an ACI Trip Create operation, the server response advising the success or failure of the create will quote the value you provide in this field.
- This field is never required, nor will any validation prevent you from duplicating send IDs.

Company Key

Section: 1.3

Name:	companyKey
Full Path:	aciTrip.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 data upload pertains to. Must exactly match company key for the account.
- Mandatory when connected as a service provider. Will be ignored otherwise.

Operation

Section: 1.4

Name:	operation
Full Path:	aciTrip.operation
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	10
JSON Reference Data:	https://borderconnect.com/borderconnect/data/operation-types.json

Sample JSON:

```
"operation": "CREATE"
```

Description:

- Specifies what type of operation should be performed on the included trip data in BorderConnect. Will default to "CREATE" if not provided.
- For a list of supported operations, click here: <http://borderconnect.com/borderconnect/data/operation-types.json>
- The values "UPDATE" and "DELETE" cannot be used if the trip is on file with CBSA, unless aciTrip.autoSend is true.

Trip Number

Section: 1.5

Name:	tripNumber
Full Path:	aciTrip.tripNumber
Type:	String Value
Is Required?:	Yes
Minimum Length:	8
Maximum Length:	25

Sample JSON:

```
"tripNumber": "12345677"
```

Description:

- Trip Number is always required.
- Starts with carrier's 4 digit Canadian Carrier Code followed by unique reference number
- Must be alpha-numeric (dash also allowed in first 4 positions if part of carrier code), letters must be upper case
- Letters "O" and "I" will be converted to numbers "0" and "1" in accordance with CBSA practice.
- Must not be identical to any used Cargo Control Number, whether the CCN appears on this trip or not.

Trip Port of Entry

Section: 1.6

Name:	portOfEntry
Full Path:	aciTrip.portOfEntry
Type:	String Value
Is Required?:	Yes
Minimum Length:	4
Maximum Length:	4
Pattern:	^[0-9]{4}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/ca/aci/highway-ports.json

Sample JSON:

```
"portOfEntry": "0453"
```

Description:

- Exactly 4 numbers matching a CBSA Release Office Port Code
- Port codes can be found here <http://borderconnect.com/borderconnect/data/ca/aci/highway-ports.json><http://borderconnect.com/borderconnect/data/ca/aci/highway-ports.json>
- Also known as First Port of Arrival, used to indicate the city where the driver first enters Canada e.g. for a truck crossing out of Port Huron, MI the Port of Entry would be 0440 (for Sarnia, ON)

Trip Sublocation Code

Section: 1.7

Name:	subLocation
Full Path:	aciTrip.subLocation
Type:	String Value
Is Required?:	No
Minimum Length:	4
Maximum Length:	4
Pattern:	^[0-9]{4}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/ca/aci/sub-locations.json

Sample JSON:

```
"subLocation": "0449"
```

Description:

- Exactly 4 numbers matching a CBSA sublocation code
- Sublocation codes can be found here: (<http://borderconnect.com/borderconnect/data/ca/aci/sub-locations.json>)
- Only required when moving goods in-bond into Canada.
- Used to indicate a bonded warehouse that in-bond goods will be bonded to. In the case of PARS shipments, can optionally be included to indicate the warehouse that goods will be bonded to if the PARS fails.

Trip Estimated Arrival Date and Time

Section: 1.8

Name:	estimatedArrivalDateTime
Full Path:	aciTrip.estimatedArrivalDateTime
Type:	String Value
Is Required?:	Yes
Minimum Length:	19
Maximum Length:	19
Pattern:	^[2-9][0-9]{3}-[0-1][0-9]-[0-3][0-9]\s[0-2][0-9]:[0-5][0-9]:[0-5][0-9]\$

Sample JSON:

```
"estimatedArrivalDateTime": "2014-12-31 13:15:00"
```

Description:

- Exactly 19 characters in the format "yyyy-mm-dd hh:mm:ss" where the hours are according to a 24 hour clock aka military time
- Will be rounded to nearest 15 minute interval
- Will be interpreted in the timezone of the Head Office of the BorderConnect account, unless timezone is explicitly set in aciTrip.shipments.shipment.estimatedArrivalTimeZone
- Note the space between the date and time elements of the string is mandatory
- Used to indicate the expected time that the driver will arrive at the Port of Entry.

Trip ETA Time Zone

Section: 1.9

Name:	estimatedArrivalTimeZone
Full Path:	aciTrip.estimatedArrivalTimeZone
Type:	String Value
Is Required?:	No
Minimum Length:	3
Maximum Length:	3
JSON Reference Data:	https://borderconnect.com/borderconnect/data/time-zones.json

Sample JSON:

```
"estimatedArrivalTimeZone": "EST"
```

Description:

- Time zone of the ETA provided in aciTrip.estimatedArrivalDateTime
- Must be one of the 5 Canadian time zones codes listed in the reference data. i.e. "PST" = Pacific Time, "MST" = Mountain Time, "CST" = Central Time, "EST" = Eastern Time and "AST" = Atlantic Time

Truck (Vehicle)

Section: 1.10

Name:	truck
Full Path:	aciTrip.truck
Type:	Object
Is Required?:	Yes

Sample JSON:

```
"truck": {
  "number": "TR001",
  "type": "TR",
  "vinNumber": "1FUJA6CK123456789",
  "dotNumber": "123456",
  "transponderNumber": "0204A9F123456789",
  "cargoExemptions": [
    "01"
  ],
  "insurancePolicy": {
    "insuranceCompanyName": "ABC Insurance Services",
    "policyNumber": "CGOG12345678",
    "issuedDate": "2014-01-31",
    "policyAmount": 500000000
  },
  "licensePlate": {
    "number": "ABC123",
    "stateProvince": "MI"
  },
  "sealNumbers": [
    "SEAL1",
    "SEAL2"
  ],
  "comments": [
    "my vehicle note"
  ]
}
```

Description:

- See individual field elements below
- Used to provide information with regard to the vehicle being used for transport

Truck Number

Section: 1.10.1

Name:	number
Full Path:	aciTrip.truck.number
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	17
Pattern:	^[A-Z0-9\s-]{1,17}\$

Sample JSON:

```
"number": "TR001"
```

Description:

- Alphanumeric, spaces and dashes allowed. Letters must be uppercase.
- Carrier's way of identifying the truck i.e. the unit number assigned to the truck by the carrier

Truck Type (Vehicle Type)

Section: 1.10.2

Name:	type
Full Path:	aciTrip.truck.type
Type:	String Value
Is Required?:	No
Minimum Length:	2
Maximum Length:	2
Pattern:	^[A-Z]{2}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/truck-types.json

Sample JSON:

```
"type": "TR"
```

Description:

- Not transmitted in ACI, for user reference only.
- 2 digit code can be found here (<http://borderconnect.com/borderconnect/data/truck-types.json>)

Truck VIN Number

Section: 1.10.3

Name:	vinNumber
Full Path:	aciTrip.truck.vinNumber
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	30
Pattern:	^[A-Z0-9]{1,30}\$

Sample JSON:

```
"vinNumber": "1FUJA6CK123456789"
```

Description:

- Must be alphanumeric with no spaces or special characters. Letters must be uppercase.
- Not transmitted in ACI. For user reference only.
- Unique identification number stamped on the vehicle by the manufacturer and typically included on ownership and licensing documentation

DOT Number

Section: 1.10.4

Name:	dotNumber
Full Path:	aciTrip.truck.dotNumber
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	8
Pattern:	^[0-9]{1,8}\$

Sample JSON:

```
"dotNumber": "123456"
```

Description:

- Numeric string, including leading zeroes if applicable.
- Not transmitted in ACI, for user reference only.
- Used to indicate the Department of Transportation Number (DOT Number) of the truck

Transponder Number

Section: 1.10.5

Name:	transponderNumber
Full Path:	aciTrip.truck.transponderNumber
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	50
Pattern:	^[A-Z0-9]{1,50}\$

Sample JSON:

```
"transponderNumber": "0204A9F123456789"
```

Description:

- Alphanumeric only, no spaces or special characters. Letters must be uppercase.
- Not transmitted in ACI, for user reference only.
- Used to indicate the transponder number of the truck

Truck Cargo Exemptions

Section: 1.10.6

Name:	cargoExemptions
Full Path:	aciTrip.truck.cargoExemptions
Type:	Array<String>
Is Required?:	No
Minimum Length (of element in array):	2
Maximum Length (of element in array):	2
Pattern:	^[0-9]{2}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/ca/aci/cargo-exemptions.json
Maximum Items (of elements in array):	20

Sample JSON:

```
"cargoExemptions": [ "01" ]
```

Description:

- Exactly 2 numbers matching cargo exemption code
- The list of exemption codes can be found here: <http://borderconnect.com/borderconnect/data/ca/aci/cargo-exemptions.json>
- Only required when goods clearing under one of the listed exemption types are loaded on the truck. e.g. when goods clearing under Instruments of International Trade (IITs) are on board the truck, they must be reported here using cargo exemption code "02". IITs should not be reported under aciTrip.shipments
- If exempt goods are loaded on a trailer, they should be listed under aciTrip.trailers instead.

Insurance Policy

Section: 1.10.7

Name:	insurancePolicy
Full Path:	aciTrip.truck.insurancePolicy
Type:	Object
Is Required?:	No

Sample JSON:

```
"insurancePolicy": {  
  "insuranceCompanyName": "ABC Insurance Services",  
  "policyNumber": "CGOG12345678",  
  "issuedDate": "2014-01-31",  
  "policyAmount": 500000000  
}
```

Description:

- Not transmitted in ACI. For user reference only.
- See individual field elements below

Insurance Company Name

Section: 1.10.7.1

Name:	insuranceCompanyName
Full Path:	aciTrip.truck.insurancePolicy.insuranceCompanyName
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	60

Sample JSON:

```
"insuranceCompanyName": "ABC Insurance Services"
```

Description:

- Name of the insurance company providing the policy that covers the truck
- Free form text field, should not contain special characters

Insurance Policy Number

Section: 1.10.7.2

Name:	policyNumber
Full Path:	aciTrip.truck.insurancePolicy.policyNumber
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	50
Pattern:	^[a-zA-Z0-9-]{1,50}\$

Sample JSON:

```
"policyNumber": "CGOG12345678"
```

Description:

- Policy Number of the Insurance Policy covering the truck
- Alphanumeric with no spaces or special characters

Insurance Policy Issue Date

Section: 1.10.7.3

Name:	issuedDate
Full Path:	aciTrip.truck.insurancePolicy.issuedDate
Type:	String Value
Is Required?:	Yes
Minimum Length:	10
Maximum Length:	10
Pattern:	^[0-9]{4}-[0-1][0-9]-[0-3][0-9]\$

Sample JSON:

```
"issuedDate": "2014-01-31"
```

Description:

- Must be exactly 10 characters in the format "yyyy-mm-dd"
- Represents the issue date of the insurance policy covering the truck

Insurance Policy Amount

Section: 1.10.7.4

Name:	policyAmount
Full Path:	aciTrip.truck.insurancePolicy.policyAmount
Type:	Numeric Value
Is Required?:	Yes

Sample JSON:

```
"policyAmount": 500000000
```

Description:

- Represents the dollar amount of the insurance policy covering the truck.

Truck License Plate

Section: 1.10.8

Name:	licensePlate
Full Path:	aciTrip.truck.licensePlate
Type:	Object
Is Required?:	Yes
Pattern:	^[A-Z]{2}\$

Sample JSON:

```
"licensePlate": {  
  "number": "ABC123",  
  "stateProvince": "MI"  
}
```

Description:

- The license plate for the truck. See individual field elements below.

Truck License Plate Number

Section: 1.10.8.1

Name:	number
Full Path:	aciTrip.truck.licensePlate.number
Type:	String Value
Is Required?:	Yes
Minimum Length:	4
Maximum Length:	25
Pattern:	^[A-Z0-9]{4,25}\$

Sample JSON:

```
"number": "ABC123"
```

Description:

- Alphanumeric with no spaces or special characters. Letters must be uppercase.

Truck License Plate State or Province

Section: 1.10.8.2

Name:	stateProvince
Full Path:	aciTrip.truck.licensePlate.stateProvince
Type:	String Value
Is Required?:	Yes
Minimum Length:	2
Maximum Length:	3
Pattern:	^[A-Z]{2,3}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/state-province.json

Sample JSON:

```
"stateProvince": "MI"
```

Description:

- A list of valid state province codes can be found here: <http://borderconnect.com/borderconnect/data/state-province.json>
- Represents the state or province that issued the license plate

Truck Seal Numbers

Section: 1.10.9

Name:	sealNumbers
Full Path:	aciTrip.truck.sealNumbers
Type:	Array<String>
Is Required?:	No
Minimum Length (of element in array):	1
Maximum Length (of element in array):	15
Minimum Items (of elements in array):	0
Maximum Items (of elements in array):	20

Sample JSON:

```
"sealNumbers": [ "SEAL1", "SEAL2" ]
```

Description:

- Each seal number must be a string value between 1 and 15 characters alphanumeric
- No more than 20 seal numbers are allowed in the array
- Used to identify security seals affixed to the truck. Only required when security seals are being used.
- If truck is pulling a trailer, seal numbers should be reported under aciTrip.trailers.trailer.sealNumbers instead

Truck Comments

Section: 1.10.10

Name:	comments
Full Path:	aciTrip.truck.comments
Type:	Array<String>
Is Required?:	No
Minimum Length (of element in array):	1
Maximum Length (of element in array):	1000
Minimum Items (of elements in array):	0
Maximum Items (of elements in array):	20

Sample JSON:

```
"comments": [ "my vehicle note" ]
```

Description:

- Freeform array of string values, each value may be between 1 and 1000 characters
- No more than 20 elements are allowed in the array
- Please note comments to the truck are not transmitted to customs, they are intended for user reference only

Trailers

Section: 1.11

Name:	trailers
Full Path:	aciTrip.trailers
Type:	Array<JsonObject>
Is Required?:	No
Minimum Items (of elements in array):	0
Maximum Items (of elements in array):	3

Sample JSON:

```
[
  {
    "number": "TR1234",
    "type": "CH",
    "cargoExemptions": [
      "05"
    ],
    "licensePlate": {
      "number": "XYZ123",
      "stateProvince": "ON"
    },
    "sealNumbers": [
      "SEAL3",
      "SEAL4"
    ]
  }
]
```

Description:

- Used to identify trailers being pulled by the truck.
- Only required when truck has one or more trailers attached.
- Up to 3 trailers are allowed in the array

Trailer

Section: 1.11.1

Name:	trailer
Full Path:	aciTrip.trailers.trailer
Type:	Object
Is Required?:	No

Sample JSON:

```
{
  "number": "TR1234",
  "type": "CH",
  "cargoExemptions": [
    "05"
  ],
  "licensePlate": {
    "number": "XYZ123",
    "stateProvince": "ON"
  },
  "sealNumbers": [
    "SEAL3",
    "SEAL4"
  ]
}
```

Description:

- Used to report an individual trailer being pulled by the truck, see individual field elements below

Trailer Number

Section: 1.11.1.1

Name:	number
Full Path:	aciTrip.trailers.trailer.number
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	15
Pattern:	^[A-Z0-9\s-\/\]{1,15}\$

Sample JSON:

```
"number": "TR1234"
```

Description:

- Alphanumeric, spaces and dashes, with no special characters. Letters must be uppercase.
- Used to indicate the unit number of the trailer as assigned by the carrier.

Trailer Type

Section: 1.11.1.2

Name:	type
Full Path:	aciTrip.trailers.trailer.type
Type:	String Value
Is Required?:	Yes
Minimum Length:	2
Maximum Length:	2
Pattern:	^[A-Z0-9]{2}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/trailer-types.json

Sample JSON:

```
"type": "CH"
```

Description:

- A list of valid trailer type codes can be found here: <http://borderconnect.com/borderconnect/data/trailer-types.json>

Trailer Cargo Exemptions

Section: 1.11.1.3

Name:	cargoExemptions
Full Path:	aciTrip.trailers.trailer.cargoExemptions
Type:	Array<String>
Is Required?:	No
Minimum Length (of element in array):	2
Maximum Length (of element in array):	2
Pattern:	^[0-9]{2}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/ca/aci/cargo-exemptions.json
Maximum Items (of elements in array):	20

Sample JSON:

```
"cargoExemptions": [ "05" ]
```

Description:

- Exactly 2 numbers matching cargo exemption code
- The list of exemption codes can be found here: <http://borderconnect.com/borderconnect/data/ca/aci/cargo-exemptions.json>
- Only required when goods clearing under one of the listed exemption types are loaded on the trailer. e.g. when goods clearing under Instruments of International Trade (IITs) are on board, they must be reported here using cargo exemption code "02". IITs should not be reported under aciTrip.shipments

Trailer License Plate

Section: 1.11.1.4

Name:	licensePlate
Full Path:	aciTrip.trailers.trailer.licensePlate
Type:	Object
Is Required?:	Yes
Pattern:	^[A-Z]{2}\$

Sample JSON:

```
"licensePlate": {  
  "number": "XYZ123",  
  "stateProvince": "ON"  
}
```

Description:

- The license plate of the trailer. See individual field elements below

Trailer License Plate Number

Section: 1.11.1.4.1

Name:	number
Full Path:	aciTrip.trailers.trailer.licensePlate.number
Type:	String Value
Is Required?:	Yes
Minimum Length:	4
Maximum Length:	25
Pattern:	^[A-Z0-9]{4,25}\$

Sample JSON:

```
"number": "XYZ123"
```

Description:

- License plate number of the trailer
- Alphanumeric with no spaces or special characters. Letters must be uppercase.

Trailer License Plate State or Province

Section: 1.11.1.4.2

Name:	stateProvince
Full Path:	aciTrip.trailers.trailer.licensePlate.stateProvince
Type:	String Value
Is Required?:	Yes
Minimum Length:	2
Maximum Length:	3
Pattern:	^[A-Z]{2,3}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/state-province.json

Sample JSON:

```
"stateProvince": "ON"
```

Description:

- A list of valid state province codes can be found here: <http://borderconnect.com/borderconnect/data/state-province.json>
- Used to indicate the state or province that issued the license plate

Trailer Seal Numbers

Section: 1.11.1.5

Name:	sealNumbers
Full Path:	aciTrip.trailers.trailer.sealNumbers
Type:	Array<String>
Is Required?:	No
Minimum Length (of element in array):	1
Maximum Length (of element in array):	15
Minimum Items (of elements in array):	0
Maximum Items (of elements in array):	20

Sample JSON:

```
"sealNumbers": [ "SEAL3", "SEAL4" ]
```

Description:

- Each seal number must be a string value between 1 and 15 characters alphanumeric
- No more than 20 seal numbers are allowed in the array
- Used to identify security seals affixed to the trailer. Only required when security seals are being used.

Containers

Section: 1.12

Name:	containers
Full Path:	aciTrip.containers
Type:	Array<JsonObject>
Is Required?:	No
Minimum Items (of elements in array):	0
Maximum Items (of elements in array):	5

Sample JSON:

```
[
  {
    "loadedOn": {
      "type": "TRAILER",
      "number": "TR1234"
    },
    "number": "4432",
    "cargoExemptions": [
      "O2"
    ],
    "sealNumbers": [
      "SEAL3",
      "SEAL4"
    ]
  }
]
```

Description:

- Used to identify shipping containers (aka intermodal containers) that are on board.
- Only required when one or more containers are aboard.
- Up to 5 containers are allowed in the array

Container

Section: 1.12.1

Name:	container
Full Path:	aciTrip.containers.container
Type:	Object
Is Required?:	No

Sample JSON:

```
{
  "loadedOn": {
    "type": "TRAILER",
    "number": "TR1234"
  },
  "number": "4432",
  "cargoExemptions": [
    "02"
  ],
  "sealNumbers": [
    "SEAL3",
    "SEAL4"
  ]
}
```

Description:

- Used to report an individual container, see individual field elements below.

Container Loaded On

Section: 1.12.1.1

Name:	loadedOn
Full Path:	aciTrip.containers.container.loadedOn
Type:	Object
Is Required?:	No

Sample JSON:

```
"loadedOn": {  
  "type": "TRAILER",  
  "number": "TR1234"  
}
```

Description:

- Allows carrier to specify where the container is located. i.e. whether it is on the trailer or the truck, or which trailer it is on if there are multiple trailers
- Not required, system will default to first trailer if one exists, or truck otherwise
- See individual field elements below

Container Loaded On Type

Section: 1.12.1.1.1

Name:	type
Full Path:	aciTrip.containers.container.loadedOn.type
Type:	String Value
Is Required?:	No
Minimum Length:	5
Maximum Length:	7

Sample JSON:

```
"type": "TRAILER"
```

Description:

- Alphabetic, acceptable values are "TRUCK" or "TRAILER"

Container Loaded On Number

Section: 1.12.1.1.2

Name:	number
Full Path:	aciTrip.containers.container.loadedOn.number
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	17
Pattern:	^[A-Z0-9\s-\/\]{1,17}\$

Sample JSON:

```
"number": "TR1234"
```

Description:

- Freetext field
- Must exactly match a Truck Number or Trailer Number supplied on this trip under aciTrip.truck or aciTrip.trailers
- Represents the unit number of the specific truck or trailer that the container is loaded on

Container Number

Section: 1.12.1.2

Name:	number
Full Path:	aciTrip.containers.container.number
Type:	String Value
Is Required?:	Yes
Minimum Length:	4
Maximum Length:	14
Pattern:	^[A-Z0-9\s-]{4,14}\$

Sample JSON:

```
"number": "4432"
```

Description:

- Alphanumeric with no special characters. Letters must be uppercase.
- Used to indicate the equipment identification number of the container.

Container Cargo Exemptions

Section: 1.12.1.3

Name:	cargoExemptions
Full Path:	aciTrip.containers.container.cargoExemptions
Type:	Array<String>
Is Required?:	No
Minimum Length (of element in array):	2
Maximum Length (of element in array):	2
Pattern:	^[0-6]{1}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/ca/aci/cargo-exemptions.json
Maximum Items (of elements in array):	20

Sample JSON:

```
"cargoExemptions": [ "02" ]
```

Description:

- Exactly 2 numbers matching cargo exemption code
- The list of exemption codes can be found here: <http://borderconnect.com/borderconnect/data/ca/aci/cargo-exemptions.json>
- Only required when goods clearing under one of the listed exemption types are loaded on the container. e.g. when goods clearing under Instruments of International Trade (IITs) are in the container, they must be reported here using cargo exemption code "02". IITs should not be reported under aciTrip.shipments

Container Seal Numbers

Section: 1.12.1.4

Name:	sealNumbers
Full Path:	aciTrip.containers.container.sealNumbers
Type:	Array<String>
Is Required?:	No
Minimum Length (of element in array):	1
Maximum Length (of element in array):	15
Minimum Items (of elements in array):	0
Maximum Items (of elements in array):	20

Sample JSON:

```
"sealNumbers": [ "SEAL3", "SEAL4" ]
```

Description:

- Each seal number must be a string value between 1 and 15 characters alphanumeric
- No more than 20 seal numbers are allowed in the array
- Used to identify security seals affixed to the container. Only required when security seals are being used.

Drivers

Section: 1.13

Name:	drivers
Full Path:	aciTrip.drivers
Type:	Array<JsonObject>
Is Required?:	No
Minimum Items (of elements in array):	0
Maximum Items (of elements in array):	25

Sample JSON:

```
[
  {
    "driverNumber": "DR9393",
    "firstName": "Avery",
    "middleName": "Franklin",
    "lastName": "Brooks",
    "gender": "M",
    "dateOfBirth": "1948-10-02",
    "citizenshipCountry": "US",
    "fastCardNumber": "42700012345601",
    "travelDocuments": [
      {
        "number": "A123456789012",
        "type": "5K",
        "stateProvince": "ON",
        "country": "CA"
      },
      {
        "number": "QD804011",
        "type": "ACW",
        "stateProvince": "ON",
        "country": "CA"
      }
    ],
    "comments": [
      "test comment"
    ]
  }
]
```

Description:

- Used to list driver information on the trip. At this time driver information is not transmitted to customs for ACI eManifest, so listing drivers is for user reference or driver notification purposes only.

Driver

Section: 1.13.1

Name:	driver
Full Path:	aciTrip.drivers.driver
Type:	Object
Is Required?:	No

Sample JSON:

```
{
  "driverNumber": "DR9393",
  "firstName": "Avery",
  "middleName": "Franklin",
  "lastName": "Brooks",
  "gender": "M",
  "dateOfBirth": "1948-10-02",
  "citizenshipCountry": "US",
  "fastCardNumber": "42700012345601",
  "travelDocuments": [
    {
      "number": "A123456789012",
      "type": "5K",
      "stateProvince": "ON",
      "country": "CA"
    },
    {
      "number": "QD804011",
      "type": "ACW",
      "stateProvince": "ON",
      "country": "CA"
    }
  ],
  "comments": [
    "test comment"
  ]
}
```

Description:

- See individual field elements below

Driver Number

Section: 1.13.1.1

Name:	driverNumber
Full Path:	aciTrip.drivers.driver.driverNumber
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	50
Pattern:	^[a-zA-Z0-9\s-\/\#\._]{1,50}\$

Sample JSON:

```
"driverNumber": "DR9393"
```

Description:

- Freetext field
- Not transmitted to customs.
- Used to indicate an employee or unit number associated with the driver.

Driver First Name

Section: 1.13.1.2

Name:	firstName
Full Path:	aciTrip.drivers.driver.firstName
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	35
Pattern:	^[a-zA-Z0-9\s-\.]{1,35}\$

Sample JSON:

```
"firstName": "Avery"
```

Description:

- Alphanumeric, spaces, dashes and periods allowed, no special characters
- First name of the driver

Driver Middle Name or Initial

Section: 1.13.1.3

Name:	middleName
Full Path:	aciTrip.drivers.driver.middleName
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	25
Pattern:	^[a-zA-Z0-9\s-\.]{1,25}\$

Sample JSON:

```
"middleName": "Franklin"
```

Description:

- Alphanumeric, spaces, dashes and periods allowed, no special characters
- The middle name or initial of the driver

Driver Last Name

Section: 1.13.1.4

Name:	lastName
Full Path:	aciTrip.drivers.driver.lastName
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	40
Pattern:	^[a-zA-Z0-9\s-\.\.]{1,40}\$

Sample JSON:

```
"lastName": "Brooks"
```

Description:

- Alphanumeric, spaces, dashes and periods allowed, no special characters
- The last name of the driver

Driver Gender

Section: 1.13.1.5

Name:	gender
Full Path:	aciTrip.drivers.driver.gender
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	1
Pattern:	^[MF]\$

Sample JSON:

```
"gender": "M"
```

Description:

- Acceptable values are "M" for male and "F" for female

Driver Date of Birth

Section: 1.13.1.6

Name:	dateOfBirth
Full Path:	aciTrip.drivers.driver.dateOfBirth
Type:	String Value
Is Required?:	No
Minimum Length:	10
Maximum Length:	10
Pattern:	^[0-9]{4}-[0-1][0-9]-[0-3][0-9]\$

Sample JSON:

```
"dateOfBirth": "1948-10-02"
```

Description:

- Exactly 10 characters in the format "yyyy-mm-dd"
- Date of birth of the driver

Driver Citizenship

Section: 1.13.1.7

Name:	citizenshipCountry
Full Path:	aciTrip.drivers.driver.citizenshipCountry
Type:	String Value
Is Required?:	No
Minimum Length:	2
Maximum Length:	2
Pattern:	^[A-Z]{2}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/countries.json

Sample JSON:

```
"citizenshipCountry": "US"
```

Description:

- A list of valid country codes can be found here: <http://borderconnect.com/borderconnect/data/countries.json>
- The citizenship of the driver. If driver is a citizen of more than one country, the country matching the travel documents the driver will present to customs should be selected

FAST Card Number

Section: 1.13.1.8

Name:	fastCardNumber
Full Path:	aciTrip.drivers.driver.fastCardNumber
Type:	String Value
Is Required?:	No
Minimum Length:	14
Maximum Length:	14
Pattern:	^4270[0-9]{8}0[12]{1}\$

Sample JSON:

```
"fastCardNumber": "42700012345601"
```

Description:

- 14 numeric characters exactly, beginning with "4270" and ending in either "00", "01", or "02"
- FAST ID of the driver.

Driver Travel Documents

Section: 1.13.1.9

Name:	travelDocuments
Full Path:	aciTrip.drivers.driver.travelDocuments
Type:	Array<JsonObject>
Is Required?:	No
Minimum Items (of elements in array):	0
Maximum Items (of elements in array):	3

Sample JSON:

```
[
  {
    "number": "A123456789012",
    "type": "5K",
    "stateProvince": "ON",
    "country": "CA"
  },
  {
    "number": "QD804011",
    "type": "ACW",
    "stateProvince": "ON",
    "country": "CA"
  }
]
```

Description:

- Used to list the driver's travel documents, aka pieces of identification.
- No more than 3 travel documents allowed in the array
- Array must not contain more than one travel document of the same type

Driver Travel Document

Section: 1.13.1.9.1

Name:	travelDocument
Full Path:	aciTrip.drivers.driver.travelDocuments.travelDocument
Type:	Object
Is Required?:	No

Sample JSON:

```
{  
  "number": "A123456789012",  
  "type": "5K",  
  "stateProvince": "ON",  
  "country": "CA"  
}
```

Description:

- Used to list a driver's individual travel document, see individual field elements below

Driver Travel Document Number

Section: 1.13.1.9.1.1

Name:	number
Full Path:	aciTrip.drivers.driver.travelDocuments.travelDocument.number
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	50
Pattern:	^[A-Za-z0-9\s-\/\]{1,50}\$

Sample JSON:

```
"number": "A123456789012"
```

Description:

- Alphanumeric, spaces, and dashes allowed, no special characters
- Number of the travel document. e.g. passport number if document is a passport

Driver Travel Document Type

Section: 1.13.1.9.1.2

Name:	type
Full Path:	aciTrip.drivers.driver.travelDocuments.travelDocument.type
Type:	String Value
Is Required?:	Yes
Minimum Length:	2
Maximum Length:	3
Pattern:	^[A-Za-z0-9]{2,3}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/travel-document-types.json

Sample JSON:

```
"type": "5K"
```

Description:

- A list of valid travel document type codes can be found here: <http://borderconnect.com/borderconnect/data/travel-document-types.json>
- The type of travel document being listed.
- Please note that a FAST card is not reported as a travel document, it would need to be reported under `aciTrip.drivers.driver.fastCardNumber`
- A driver cannot list a travel document of type Driver's License (code 5J). Instead, type Commercial Driver's License (code 5K) should be used

Driver Travel Document State or Province

Section: 1.13.1.9.1.3

Name:	stateProvince
Full Path:	aciTrip.drivers.driver.travelDocuments.travelDocument.stateProvince
Type:	String Value
Is Required?:	No
Minimum Length:	2
Maximum Length:	3
Pattern:	^[A-Z]{2,3}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/state-province.json

Sample JSON:

```
"stateProvince": "ON"
```

Description:

- A list of valid state province codes can be found here: <http://borderconnect.com/borderconnect/data/state-province.json>
- This field is REQUIRED when travel document type is Commercial Driver's License (code 5K) or Enhanced Driver's License (code 6W), otherwise it should not be supplied
- The state or province that issued the travel document

Driver Travel Document Country

Section: 1.13.1.9.1.4

Name:	country
Full Path:	aciTrip.drivers.driver.travelDocuments.travelDocument.country
Type:	String Value
Is Required?:	No
Minimum Length:	2
Maximum Length:	2
Pattern:	^[A-Z]{2,2}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/countries.json

Sample JSON:

```
"country": "CA"
```

Description:

- A list of valid country codes can be found here: <http://borderconnect.com/borderconnect/data/countries.json>
- This field is REQUIRED when travel document type is ANYTHING OTHER than Commercial Driver's License (code 5K) or Enhanced Driver's License (code 6W), otherwise it should not be supplied
- The country that issued the travel document

Driver Comments

Section: 1.13.1.10

Name:	comments
Full Path:	aciTrip.drivers.driver.comments
Type:	Array<String>
Is Required?:	No
Minimum Length (of element in array):	1
Maximum Length (of element in array):	1000
Minimum Items (of elements in array):	0
Maximum Items (of elements in array):	20

Sample JSON:

```
"comments": [ "test comment" ]
```

Description:

- Freeform array of string values, each value may be between 1 and 1000 characters
- No more than 20 elements are allowed in the array

Passengers

Section: 1.14

Name:	passengers
Full Path:	aciTrip.passengers
Type:	Array<JsonObject>
Is Required?:	No
Minimum Items (of elements in array):	0
Maximum Items (of elements in array):	24

Sample JSON:

```
[
  {
    "firstName": "Colm",
    "middleName": "J.",
    "lastName": "Meaney",
    "gender": "M",
    "dateOfBirth": "1953-04-30",
    "citizenshipCountry": "US",
    "fastCardNumber": "42700012345601",
    "travelDocuments": [
      {
        "number": "WS123456",
        "type": "6W",
        "stateProvince": "MI",
        "country": "US"
      },
      {
        "number": "QD304099",
        "type": "ACW",
        "stateProvince": "MI",
        "country": "US"
      }
    ]
  }
]
```

Description:

- Used to list passengers on board. Please note that currently, passenger information is not transmitted to customs in ACI eManifest. Listing passengers is for user reference only.

Passenger

Section: 1.14.1

Name:	passenger
Full Path:	aciTrip.passengers.passenger
Type:	Object
Is Required?:	No

Sample JSON:

```
{
  "firstName": "Colm",
  "middleName": "J.",
  "lastName": "Meaney",
  "gender": "M",
  "dateOfBirth": "1953-04-30",
  "citizenshipCountry": "US",
  "fastCardNumber": "42700012345601",
  "travelDocuments": [
    {
      "number": "WS123456",
      "type": "6W",
      "stateProvince": "MI",
      "country": "US"
    },
    {
      "number": "QD304099",
      "type": "ACW",
      "stateProvince": "MI",
      "country": "US"
    }
  ]
}
```

Description:

Passenger First Name

Section: 1.14.1.1

Name:	firstName
Full Path:	aciTrip.passengers.passenger.firstName
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	35
Pattern:	^[a-zA-Z0-9\s-\.]{1,35}\$

Sample JSON:

```
"firstName": "Colm"
```

Description:

- Alphanumeric, spaces, dashes and periods allowed, no special characters
- First name of the passenger

Passenger Middle Name or Initial

Section: 1.14.1.2

Name:	middleName
Full Path:	aciTrip.passengers.passenger.middleName
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	25
Pattern:	^[a-zA-Z0-9\s-\.]{1,25}\$

Sample JSON:

```
"middleName": "J."
```

Description:

- Alphanumeric, spaces, dashes and periods allowed, no special characters
- The middle name or initial of the passenger

Passenger Last Name

Section: 1.14.1.3

Name:	lastName
Full Path:	aciTrip.passengers.passenger.lastName
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	40
Pattern:	^[a-zA-Z0-9\s-\.]{1,40}\$

Sample JSON:

```
"lastName": "Meaney"
```

Description:

- Alphanumeric, spaces, dashes and periods allowed, no special characters
- The last name of the passenger

Passenger Gender

Section: 1.14.1.4

Name:	gender
Full Path:	aciTrip.passengers.passenger.gender
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	1
Pattern:	^[MF]\$

Sample JSON:

```
"gender": "M"
```

Description:

- Acceptable values are "M" for male and "F" for female

Passenger Date Of Birth

Section: 1.14.1.5

Name:	dateOfBirth
Full Path:	aciTrip.passengers.passenger.dateOfBirth
Type:	String Value
Is Required?:	Yes
Minimum Length:	10
Maximum Length:	10
Pattern:	^[0-9]{4}-[0-1][0-9]-[0-3][0-9]\$

Sample JSON:

```
"dateOfBirth": "1953-04-30"
```

Description:

- Exactly 10 characters in the format "yyyy-mm-dd"
- Date of birth of the passenger

Passenger Citizenship

Section: 1.14.1.6

Name:	citizenshipCountry
Full Path:	aciTrip.passengers.passenger.citizenshipCountry
Type:	String Value
Is Required?:	Yes
Minimum Length:	2
Maximum Length:	2
Pattern:	^[A-Z]{2}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/countries.json

Sample JSON:

```
"citizenshipCountry": "US"
```

Description:

- A list of valid country codes can be found here: <http://borderconnect.com/borderconnect/data/countries.json>
- The citizenship of the passenger. If passenger is a citizen of more than one country, the country matching the travel documents the passenger will present to customs should be selected

Section: 1.14.1.7

Name:	fastCardNumber
Full Path:	aciTrip.passengers.passenger.fastCardNumber
Type:	String Value
Is Required?:	No
Minimum Length:	
Maximum Length:	

Sample JSON:

```
"fastCardNumber": "42700012345601"
```

Description:

Passenger Travel Documents

Section: 1.14.1.8

Name:	travelDocuments
Full Path:	aciTrip.passengers.passenger.travelDocuments
Type:	Array<JsonObject>
Is Required?:	No
Minimum Items (of elements in array):	1
Maximum Items (of elements in array):	3

Sample JSON:

```
[
  {
    "number": "WS123456",
    "type": "6W",
    "stateProvince": "MI",
    "country": "US"
  },
  {
    "number": "QD304099",
    "type": "ACW",
    "stateProvince": "MI",
    "country": "US"
  }
]
```

Description:

- Used to list the passenger's travel documents, aka pieces of identification.
- No more than 3 travel documents allowed in the array
- Array must not contain more than one travel document of the same type

Passenger Travel Document

Section: 1.14.1.8.1

Name:	travelDocument
Full Path:	aciTrip.passengers.passenger.travelDocuments.travelDocument
Type:	Object
Is Required?:	No

Sample JSON:

```
{  
  "number": "WS123456",  
  "type": "6W",  
  "stateProvince": "MI",  
  "country": "US"  
}
```

Description:

- Used to provide details on a passenger's travel document, see individual fields below

Passenger Travel Document Number

Section: 1.14.1.8.1.1

Name:	number
Full Path:	aciTrip.passengers.passenger.travelDocuments.travelDocument.number
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	50
Pattern:	^[A-Za-z0-9\s-]{1,50}\$

Sample JSON:

```
"number": "WS123456"
```

Description:

- Alphanumeric, spaces, and dashes allowed, no special characters
- Number of the travel document. e.g. passport number if document is a passport

Passenger Travel Document Type

Section: 1.14.1.8.1.2

Name:	type
Full Path:	aciTrip.passengers.passenger.travelDocuments.travelDocument.type
Type:	String Value
Is Required?:	Yes
Minimum Length:	2
Maximum Length:	3
Pattern:	^[A-Za-z0-9]{2,3}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/travel-document-types.json

Sample JSON:

```
"type": "6W"
```

Description:

- A list of valid travel document type codes can be found here: <http://borderconnect.com/borderconnect/data/travel-document-types.json>
- A passenger cannot list a travel document of type Commercial Driver's License (code 5K). A person holding this type of document should be reported under aciTrip.drivers instead
- The type of travel document being reported.

Passenger Travel Doc. State Province

Section: 1.14.1.8.1.3

Name:	stateProvince
Full Path:	aciTrip.passengers.passenger.travelDocuments.travelDocument.stateProvince
Type:	String Value
Is Required?:	No
Minimum Length:	2
Maximum Length:	3
Pattern:	^[A-Z]{2,3}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/state-province.json

Sample JSON:

```
"stateProvince": "MI"
```

Description:

- A list of valid state province codes can be found here: <http://borderconnect.com/borderconnect/data/state-province.json>
- This field is REQUIRED when travel document type is Driver's License (code 5J) or Enhanced Driver's License (code 6W), otherwise it should not be supplied
- The state or province that issued the travel document

Passenger Travel Document Country

Section: 1.14.1.8.1.4

Name:	country
Full Path:	aciTrip.passengers.passenger.travelDocuments.travelDocument.country
Type:	String Value
Is Required?:	No
Minimum Length:	2
Maximum Length:	2
Pattern:	^[A-Z]{2}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/countries.json

Sample JSON:

```
"country": "US"
```

Description:

- A list of valid country codes can be found here: <http://borderconnect.com/borderconnect/data/countries.json>
- This field is REQUIRED when travel document type is ANYTHING OTHER than Driver's License (code 5J) or Enhanced Driver's License (code 6W), otherwise it should not be supplied
- The country that issued the travel document

Trip Comments

Section: 1.15

Name:	comments
Full Path:	aciTrip.comments
Type:	Array<String>
Is Required?:	No
Minimum Length (of element in array):	1
Maximum Length (of element in array):	1000
Minimum Items (of elements in array):	0
Maximum Items (of elements in array):	20

Sample JSON:

```
"comments": [ "my trip note" ]
```

Description:

- Freeform array of string values, each value may be between 1 and 1000 characters
- No more than 20 elements are allowed in the array
- Please note comments to the trip are not transmitted to customs, they are intended for user reference only

Shipments

Section: 1.16

Name:	shipments
Full Path:	aciTrip.shipments
Type:	Array<JsonObject>
Is Required?:	No
Minimum Items (of elements in array):	0
Maximum Items (of elements in array):	2000

Sample JSON:

```
[{}]
```

Description:

- Required when freight is aboard that is not covered under a Cargo Exemption. Please note freight covered under a Cargo Exception is only reported under aciTrip.truck, aciTrip.trailers.trailer or aciTrip.containers.container
- Array can contain as many as 2000 shipments
- Used to report shipment information to customs. All shipments loaded on the truck are required to be reported under a single aciTrip

Shipment

Section: 1.16.1

Name:	shipment
Full Path:	aciTrip.shipments.shipment
Type:	Object
Is Required?:	No

Sample JSON:

```
{
```

Description:

- Used to report full details of an individual shipment on board, see individual fields below

Data

Section: 1.16.1.1

Name:	data
Full Path:	aciTrip.shipments.shipment.data
Type:	String Value
Is Required?:	No
Minimum Length:	8
Maximum Length:	20
Pattern:	^ACI_SHIPMENT\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/data-types.json

Sample JSON:

```
"data": "ACI_SHIPMENT"
```

Description:

- Used to indicate the type of data the JSON file contains. For example, if you intend to upload a complete ACI Trip, you should use the value "ACI_TRIP", but if you are only uploading ACI Shipments, you should use "ACI_SHIPMENT".
- A list of acceptable data types can be found here: <http://borderconnect.com/borderconnect/data/data-types.json>

Send ID

Section: 1.16.1.2

Name:	sendId
Full Path:	aciTrip.shipments.shipment.sendId
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	30

Sample JSON:

```
"sendId": "001"
```

Description:

- Unique ID assigned by the software integrating with BorderConnect.
- Should not be used if aciTrip.sendId has already been provided, or used in place of aciTrip.sendId.
- Will be quoted in server responses related to your JSON upload.
- >Only one instance of Send ID should appear per JSON file.
- e.g. if this is an ACI Shipment Create operation, the server response advising the success or failure of the create will quote the value you provide in this field.
- This field is never required, nor will any validation prevent you from duplicating send IDs.

Company Key

Section: 1.16.1.3

Name:	companyKey
Full Path:	aciTrip.shipments.shipment.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 data upload pertains to. Must exactly match company key for the account.
- Mandatory when connected as a service provider. Will be ignored otherwise.

Operation

Section: 1.16.1.4

Name:	operation
Full Path:	aciTrip.shipments.shipment.operation
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	10
JSON Reference Data:	https://borderconnect.com/borderconnect/data/operation-types.json

Sample JSON:

```
"operation": "CREATE"
```

Description:

- Should not be used if aciTrip.operation has already been provided, or used in place of aciTrip.operation.
- Only one instance of Operation should appear per JSON file. i.e. requests to perform different types of operations on different shipments should be done using separate JSON files.
- Specifies what type of operation should be performed on the included trip data in BorderConnect. Will default to "CREATE" if not provided.
- For the full list of supported operations, click here: <http://borderconnect.com/borderconnect/data/operation-types.json>
- In order to use the values of "UPDATE" and "DELETE" the trip must not be on file with CBSA.

Shipment Type

Section: 1.16.1.5

Name:	shipmentType
Full Path:	aciTrip.shipments.shipment.shipmentType
Type:	String Value
Is Required?:	Yes
Minimum Length:	2
Maximum Length:	15
JSON Reference Data:	https://borderconnect.com/borderconnect/data/ca/aci/shipment-types.json

Sample JSON:

```
"shipmentType": "PARS"
```

Description:

- See list of valid Shipment Type codes here: <http://borderconnect.com/borderconnect/data/ca/aci/shipment-types.json>
- Shipments covered under a Cargo Exemption should be reported under aciTrip.truck, aciTrip.trailers.trailer or aciTrip.containers.container instead
- For more information on individual shipment release types please see the guide here: http://borderconnect.com/wiki/index.php/Shipment_Types_and_eManifest

Shipment Loaded On

Section: 1.16.1.6

Name:	loadedOn
Full Path:	aciTrip.shipments.shipment.loadedOn
Type:	Object
Is Required?:	No

Sample JSON:

```
"loadedOn": {  
  "type": "TRAILER",  
  "number": "TR1234"  
}
```

Description:

- Allows carrier to specify where the shipment is located. i.e. whether it is in the trailer, the truck, or the container, and which trailer it is in if there are multiple trailers
- Not required, system will default to first trailer if one exists, or truck otherwise
- See individual field elements below

Shipment Loaded On Type

Section: 1.16.1.6.1

Name:	type
Full Path:	aciTrip.shipments.shipment.loadedOn.type
Type:	String Value
Is Required?:	Yes
Minimum Length:	5
Maximum Length:	7

Sample JSON:

```
"type": "TRAILER"
```

Description:

- Alphabetic, acceptable values are "TRUCK", "TRAILER" or "CONTAINER"

Shipment Loaded On Number

Section: 1.16.1.6.2

Name:	number
Full Path:	aciTrip.shipments.shipment.loadedOn.number
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	17
Pattern:	^[A-Z0-9\s-\/\]{1,17}\$

Sample JSON:

```
"number": "TR1234"
```

Description:

- Freetext field
- Must exactly match a Truck Number, Trailer Number, or Container Number supplied on this trip under aciTrip.truck, aciTrip.trailers or aciTrip.containers
- Represents the unit number of the specific truck or trailer that the commodity is loaded on

Cargo Control Number

Section: 1.16.1.7

Name:	cargoControlNumber
Full Path:	aciTrip.shipments.shipment.cargoControlNumber
Type:	String Value
Is Required?:	Yes
Minimum Length:	8
Maximum Length:	25
Pattern:	^[0-9]{1}[0-9A-Z-]{3}[A-Z0-9]{4,21}\$

Sample JSON:

```
"cargoControlNumber": "1234PARS00012345"
```

Description:

- Starts with carrier's 4 digit canadian carrier code followed by unique reference number
- Must not be the identical to any previous Cargo Control Number or Trip Number.
- Must be alpha-numeric (dash also allowed in first 4 positions if part of carrier code), letters must be upper case
- If the shipment type is PARS, the Cargo Control Number must be the PARS number

Shipment Reference Only Flag

Section: 1.16.1.8

Name:	referenceOnlyShipment
Full Path:	aciTrip.shipments.shipment.referenceOnlyShipment
Type:	Boolean Value
Is Required?:	No

Sample JSON:

```
"referenceOnlyShipment": false
```

Description:

- Will default to false if not provided
- Indicates that another party is transmitting the ACI shipment data. Only for cases where user is taking shipments on behalf of another carrier, and that carrier will be submitting the shipment data to customs separately. Allows user to link their trip to the other carrier's shipments.
- NOTE: Another way of reporting "reference only" shipments is under aciTrip.referenceOnlyShipments. The difference is that reporting the shipments there requires minimal data, whereas reporting them here requires full data including shipper, consignee and commodity. No individual shipment should be reported in both places!
- For more information on manifesting these "2 carrier" scenarios, please see the following link:
http://borderconnect.com/wiki/index.php/Preparing_Partial_ACI_eManifests_in_Two_Carrier_Scenarios

Shipment Port Of Entry

Section: 1.16.1.9

Name:	portOfEntry
Full Path:	aciTrip.shipments.shipment.portOfEntry
Type:	String Value
Is Required?:	Yes
Minimum Length:	4
Maximum Length:	4
Pattern:	^[0-9]{4}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/ca/aci/highway-ports.json

Sample JSON:

```
"portOfEntry": "0453"
```

Description:

- Exactly 4 numbers matching a CBSA Release Office Port Code
- Port codes can be found here <http://borderconnect.com/borderconnect/data/ca/aci/highway-ports.json>
- Also known as First Port of Arrival, used to indicate the city where the driver first enters Canada e.g. for a truck crossing out of Port Huron, MI the Port of Entry would be 0440 (for Sarnia, ON)

Shipment Release Office

Section: 1.16.1.10

Name:	releaseOffice
Full Path:	aciTrip.shipments.shipment.releaseOffice
Type:	String Value
Is Required?:	Yes
Minimum Length:	4
Maximum Length:	4
Pattern:	^[0-9]{4}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/ca/aci/ports.json

Sample JSON:

```
"releaseOffice": "0453"
```

Description:

- Exactly 4 numbers matching a CBSA Release Office Port Code
- Port codes can be found here: <http://borderconnect.com/borderconnect/data/ca/aci/ports.json>
- Used to indicate the CBSA Release Office where the shipment is expected to obtain release.
- For all Shipment Types except "In-Bond", the Shipment Release Office should be identical to the Shipment Port of Entry. This is because all other Shipment Types must obtain release before being allowed to proceed further into Canada.

Shipment Sublocation Code

Section: 1.16.1.11

Name:	subLocation
Full Path:	aciTrip.shipments.shipment.subLocation
Type:	String Value
Is Required?:	No
Minimum Length:	4
Maximum Length:	4
Pattern:	^[0-9]{4}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/ca/aci/sub-locations.json

Sample JSON:

```
"subLocation": "0449"
```

Description:

- Exactly 4 numbers matching a CBSA sublocation code
- Sublocation codes can be found here: <http://borderconnect.com/borderconnect/data/ca/aci/sub-locations.json>
- Only required when moving goods in-bond into Canada.
- Used to indicate a bonded warehouse that in-bond goods will be bonded to. In this case of PARS shipments, can optionally be included to indicate a warehouse goods will be bonded to if PARS fails.

Shipment Estimated Arrival Date And Time

Section: 1.16.1.12

Name:	estimatedArrivalDate
Full Path:	aciTrip.shipments.shipment.estimatedArrivalDate
Type:	String Value
Is Required?:	Yes
Minimum Length:	19
Maximum Length:	19
Pattern:	^[2-9][0-9]{3}-[0-1][0-9]-[0-3][0-9]\s[0-2][0-9]:[0-5][0-9]:[0-5][0-9]\$

Sample JSON:

```
"estimatedArrivalDate": "2014-12-31 13:15:00"
```

Description:

- Exactly 19 characters in the format "yyyy-mm-dd hh:mm:ss" where the hours are according to a 24 hour clock aka military time
- Will be rounded to nearest 15 minute interval
- Will be interpreted in as being in the timezone of the Head Office of the BorderConnect account, unless timezone is explicitly set in aciTrip.shipments.shipment.estimatedArrivalTimeZone
- Note the space between the date and time elements of the string is mandatory
- Used to indicate the expected time that the shipment will arrive at the Port of Entry.

Shipment ETA Time Zone

Section: 1.16.1.13

Name:	estimatedArrivalTimeZone
Full Path:	aciTrip.shipments.shipment.estimatedArrivalTimeZone
Type:	String Value
Is Required?:	No
Minimum Length:	3
Maximum Length:	3
JSON Reference Data:	https://borderconnect.com/borderconnect/data/time-zones.json

Sample JSON:

```
"estimatedArrivalTimeZone": "EST"
```

Description:

- Time zone of the ETA provided in aciTrip.shipments.shipment.estimatedArrivalDate
- Must be one of the 5 Canadian time zones listed in the reference data. i.e. "PST" = Pacific Time, "MST" = Mountain Time, "CST" = Central Time, "EST" = Eastern Time and "AST" = Atlantic Time

Importer CSA Business Number

Section: 1.16.1.14

Name:	importerCsaBusinessNumber
Full Path:	aciTrip.shipments.shipment.importerCsaBusinessNumber
Type:	String Value
Is Required?:	No
Minimum Length:	15
Maximum Length:	15
Pattern:	^[0-9]{9}RM[0-9]{4}\$

Sample JSON:

```
"importerCsaBusinessNumber": "894433945RM0031"
```

Description:

- Only required when Shipment Type is "CSA". Must not be supplied otherwise.
- Alphanumeric, no spaces or other characters. Letters must be uppercase. Format is 999999999RM9999
- The Canada Revenue Agency issued business number of the importer for a CSA shipment.

City Of Loading

Section: 1.16.1.15

Name:	cityOfLoading
Full Path:	aciTrip.shipments.shipment.cityOfLoading
Type:	Object
Is Required?:	Yes

Sample JSON:

```
"cityOfLoading": {  
  "cityName": "Dearborn",  
  "stateProvince": "MI"  
}
```

Description:

- Used to report the city in which the goods were first loaded by the shipper. Should be a location in the United States or Mexico.

City Of Loading Name

Section: 1.16.1.15.1

Name:	cityName
Full Path:	aciTrip.shipments.shipment.cityOfLoading.cityName
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	25
Pattern:	^[A-Za-z0-9- \s\.\']{1,25}\$

Sample JSON:

```
"cityName": "Dearborn"
```

Description:

- Freetext field. No special characters.
- The name of the city of loading.

City Of Loading State

Section: 1.16.1.15.2

Name:	stateProvince
Full Path:	aciTrip.shipments.shipment.cityOfLoading.stateProvince
Type:	String Value
Is Required?:	Yes
Minimum Length:	2
Maximum Length:	3
Pattern:	^[A-Z]{2,3}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/state-province.json

Sample JSON:

```
"stateProvince": "MI"
```

Description:

- A list of valid state province codes can be found here: <http://borderconnect.com/borderconnect/data/state-province.json>
- The state (U.S. or Mexican) that the city of loading is located in

City Of Acceptance

Section: 1.16.1.16

Name:	cityOfAcceptance
Full Path:	aciTrip.shipments.shipment.cityOfAcceptance
Type:	Object
Is Required?:	No

Sample JSON:

```
"cityOfAcceptance": {  
  "cityName": "Flint",  
  "stateProvince": "MI"  
}
```

Description:

- Required only when different from City of Loading.
- Used to report the city in which the carrier first took control of the goods.
- Should be a location in the United States or Mexico.

City Of Acceptance Name

Section: 1.16.1.16.1

Name:	cityName
Full Path:	aciTrip.shipments.shipment.cityOfAcceptance.cityName
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	25
Pattern:	^[A-Za-z0-9- \s\.\']{1,25}\$

Sample JSON:

```
"cityName": "Flint"
```

Description:

- Freetext field. No special characters.
- The name of the city of acceptance.

City Of Acceptance State

Section: 1.16.1.16.2

Name:	stateProvince
Full Path:	aciTrip.shipments.shipment.cityOfAcceptance.stateProvince
Type:	String Value
Is Required?:	Yes
Minimum Length:	2
Maximum Length:	3
Pattern:	^[A-Z]{2,3}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/state-province.json

Sample JSON:

```
"stateProvince": "MI"
```

Description:

- A list of valid state province codes can be found here: <http://borderconnect.com/borderconnect/data/state-province.json>
- The state (U.S. or Mexican) that the city of loading is located in.

Consolidated Freight Flag

Section: 1.16.1.17

Name:	consolidatedFreight
Full Path:	aciTrip.shipments.shipment.consolidatedFreight
Type:	Boolean Value
Is Required?:	No

Sample JSON:

```
"consolidatedFreight": false
```

Description:

- Not required, if not provided will default to false.
- Used to indicate to customs that the freight will be de-consolidated by a freight forwarder using house bill submissions.

Special Instructions

Section: 1.16.1.18

Name:	specialInstructions
Full Path:	aciTrip.shipments.shipment.specialInstructions
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	300

Sample JSON:

```
"specialInstructions": "Leave at front door."
```

Description:

- Freetext field, no special characters.
- Used to provide customs information with respect to overages and shortages.

Unique Consignment Reference Number

Section: 1.16.1.19

Name:	uniqueConsignmentReferenceNumber
Full Path:	aciTrip.shipments.shipment.uniqueConsignmentReferenceNumber
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	35
Pattern:	^[A-Za-z0-9]{1,35}\$

Sample JSON:

```
"uniqueConsignmentReferenceNumber": "C757865"
```

Description:

- Freetext field, no special characters
- Used to optionally provide customs with another unique reference associated with the shipment.

Shipper

Section: 1.16.1.20

Name:	shipper
Full Path:	aciTrip.shipments.shipment.shipper
Type:	Object
Is Required?:	Yes

Sample JSON:

```
"shipper": {  
  "name": "2 PRONG WIDGETS",  
  "address": {  
    "addressLine": "451 Main Street S.Unit 48",  
    "city": "Exeter",  
    "stateProvince": "NH",  
    "country": "US",  
    "postalCode": "03833"  
  },  
  "contactNumber": "1-888-323-1444"  
}
```

Description:

- Information pertaining to the shipper of the goods. See individual field elements below
- The carrier is not the shipper. The shipper is the party tendering the goods to the carrier
- The shipper should always be a party outside Canada

Shipper Name

Section: 1.16.1.20.1

Name:	name
Full Path:	aciTrip.shipments.shipment.shipper.name
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	60

Sample JSON:

```
"name": "2 PRONG WIDGETS"
```

Description:

- Free form text field, no special characters
- The name of the shipper

Shipper Address

Section: 1.16.1.20.2

Name:	address
Full Path:	aciTrip.shipments.shipment.shipper.address
Type:	Object
Is Required?:	Yes

Sample JSON:

```
"address": {  
  "addressLine": "451 Main Street S.Unit 48",  
  "city": "Exeter",  
  "stateProvince": "NH",  
  "country": "US",  
  "postalCode": "03833"  
}
```

Description:

- The address of the shipper, see individual field elements below

Shipper Address Line

Section: 1.16.1.20.2.1

Name:	addressLine
Full Path:	aciTrip.shipments.shipment.shipper.address.addressLine
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	105

Sample JSON:

```
"addressLine": "451 Main Street S.Unit 48"
```

Description:

- Freetext field, no special characters
- The street address of the shipper

Shipper City

Section: 1.16.1.20.2.2

Name:	city
Full Path:	aciTrip.shipments.shipment.shipper.address.city
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	35

Sample JSON:

```
"city": "Exeter"
```

Description:

- Freetext field, no special characters
- The name of the shipper's city

Shipper State

Section: 1.16.1.20.2.3

Name:	stateProvince
Full Path:	aciTrip.shipments.shipment.shipper.address.stateProvince
Type:	String Value
Is Required?:	No
Minimum Length:	2
Maximum Length:	3
Pattern:	^[A-Z]{2,3}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/state-province-international.json

Sample JSON:

```
"stateProvince": "NH"
```

Description:

- Required when shipper country is in North America.
- The state that the shipper is located in.

Shipper Country

Section: 1.16.1.20.2.4

Name:	country
Full Path:	aciTrip.shipments.shipment.shipper.address.country
Type:	String Value
Is Required?:	No
Minimum Length:	2
Maximum Length:	2
JSON Reference Data:	https://borderconnect.com/borderconnect/data/countries.json

Sample JSON:

```
"country": "US"
```

Description:

- Required when shipper is not in North America.

Shipper Postal Code

Section: 1.16.1.20.2.5

Name:	postalCode
Full Path:	aciTrip.shipments.shipment.shipper.address.postalCode
Type:	String Value
Is Required?:	Yes
Minimum Length:	5
Maximum Length:	10
Pattern:	^[A-Z0-9-\s]{5,10}\$

Sample JSON:

```
"postalCode": "03833"
```

Description:

- Alphanumeric, though a dash is allowed for U.S. postal codes in the 10 digit format
- For U.S. zip codes, must be in the format "12345" or "12345-6789"
- For Mexican postal codes, must be in the format "12345"
- Letters must be all upper case
- The postal or zip code of the consignee

Shipper Contact Number

Section: 1.16.1.20.3

Name:	contactNumber
Full Path:	aciTrip.shipments.shipment.shipper.contactNumber
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	70

Sample JSON:

```
"contactNumber": "1-888-323-1444"
```

Description:

- Freetext field, no special characters
- The phone number of the shipper, always optional.

Consignee

Section: 1.16.1.21

Name:	consignee
Full Path:	aciTrip.shipments.shipment.consignee
Type:	Object
Is Required?:	Yes

Sample JSON:

```
"consignee": {  
  "name": "WOODSTOCK MOUSE TRAPS",  
  "address": {  
    "addressLine": "34 Garcia StreetUnit 1",  
    "city": "Woodstock",  
    "stateProvince": "ON",  
    "country": "CA",  
    "postalCode": "N4M1K5"  
  },  
  "contactNumber": "1-800-441-9493"  
}
```

Description:

- Information pertaining to the consignee. See individual field elements below
- The shipper should always be a party in Canada
- Used to provide a name and address of where the goods are being shipped by the carrier, as stipulated on the bill of lading or other shipping document.

Consignee Name

Section: 1.16.1.21.1

Name:	name
Full Path:	aciTrip.shipments.shipment.consignee.name
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	60

Sample JSON:

```
"name": "WOODSTOCK MOUSE TRAPS"
```

Description:

- Free form text field, no special characters
- The name of the consignee

Consignee Address

Section: 1.16.1.21.2

Name:	address
Full Path:	aciTrip.shipments.shipment.consignee.address
Type:	Object
Is Required?:	Yes

Sample JSON:

```
"address": {  
  "addressLine": "34 Garcia StreetUnit 1",  
  "city": "Woodstock",  
  "stateProvince": "ON",  
  "country": "CA",  
  "postalCode": "N4M1K5"  
}
```

Description:

- The address of the consignee, see individual field elements below

Consignee Address Line

Section: 1.16.1.21.2.1

Name:	addressLine
Full Path:	aciTrip.shipments.shipment.consignee.address.addressLine
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	105

Sample JSON:

```
"addressLine": "34 Garcia StreetUnit 1"
```

Description:

- Freetext field, no special characters
- The street address of the consignee

Consignee City

Section: 1.16.1.21.2.2

Name:	city
Full Path:	aciTrip.shipments.shipment.consignee.address.city
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	35

Sample JSON:

```
"city": "Woodstock"
```

Description:

- Freetext field, no special characters
- The name of the consignee's city

Consignee Province

Section: 1.16.1.21.2.3

Name:	stateProvince
Full Path:	aciTrip.shipments.shipment.consignee.address.stateProvince
Type:	String Value
Is Required?:	No
Minimum Length:	2
Maximum Length:	3
Pattern:	^[A-Z]{2}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/state-province-international.json

Sample JSON:

```
"stateProvince": "ON"
```

Description:

- Required when consignee country is in North America.
- The state or province that the consignee is located in.

Consignee Country

Section: 1.16.1.21.2.4

Name:	country
Full Path:	aciTrip.shipments.shipment.consignee.address.country
Type:	String Value
Is Required?:	No
Minimum Length:	2
Maximum Length:	2
JSON Reference Data:	https://borderconnect.com/borderconnect/data/countries.json

Sample JSON:

```
"country": "CA"
```

Description:

- Required when consignee is not in North America.

Consignee Postal Code

Section: 1.16.1.21.2.5

Name:	postalCode
Full Path:	aciTrip.shipments.shipment.consignee.address.postalCode
Type:	String Value
Is Required?:	Yes
Minimum Length:	6
Maximum Length:	7

Sample JSON:

```
"postalCode": "N4M1K5"
```

Description:

- Alphanumeric, though a space is allowed in the middle position
- Format must be "A1A1A1" or "A1A A1A"
- Letters must be all upper case
- The postal code of the consignee

Consignee Contact Number

Section: 1.16.1.21.3

Name:	contactNumber
Full Path:	aciTrip.shipments.shipment.consignee.contactNumber
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	70

Sample JSON:

```
"contactNumber": "1-800-441-9493"
```

Description:

- Freetext field, no special characters
- The phone number of the shipper, always optional.

Delivery Destinations

Section: 1.16.1.22

Name:	deliveryDestinations
Full Path:	aciTrip.shipments.shipment.deliveryDestinations
Type:	Array<JsonObject>
Is Required?:	No
Minimum Items (of elements in array):	0
Maximum Items (of elements in array):	97

Sample JSON:

```
[
  {
    "name": "Seagram's Logistics",
    "address": {
      "addressLine": "340 Main Street SouthUnit A1",
      "city": "Woodstock",
      "stateProvince": "ON",
      "country": "CA",
      "postalCode": "N4M1K4"
    },
    "contactNumber": "1-800-431-1000"
  }
]
```

Description:

- This array and aciTrip.shipments.shipment.notifyParties cannot have more than 97 entries between them
- Used to provide a name and address to which the goods will be delivered by the carrier, if different from the consignee.
- Should always be a party in Canada.

Delivery Destination

Section: 1.16.1.22.1

Name:	deliveryDestination
Full Path:	aciTrip.shipments.shipment.deliveryDestinations.deliveryDestination
Type:	Object
Is Required?:	No

Sample JSON:

```
{
  "name": "Seagram's Logistics",
  "address": {
    "addressLine": "340 Main Street SouthUnit A1",
    "city": "Woodstock",
    "stateProvince": "ON",
    "country": "CA",
    "postalCode": "N4M1K4"
  },
  "contactNumber": "1-800-431-1000"
}
```

Description:

- See individual field elements below.

Delivery Destination Name

Section: 1.16.1.22.1.1

Name:	name
Full Path:	aciTrip.shipments.shipment.deliveryDestinations.deliveryDestination.name
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	60

Sample JSON:

```
"name": "Seagram's Logistics"
```

Description:

- Free form text field, no special characters
- The name of the delivery destination

Delivery Destination Address

Section: 1.16.1.22.1.2

Name:	address
Full Path:	aciTrip.shipments.shipment.deliveryDestinations.deliveryDestination.address
Type:	Object
Is Required?:	Yes

Sample JSON:

```
"address": {  
  "addressLine": "340 Main Street SouthUnit A1",  
  "city": "Woodstock",  
  "stateProvince": "ON",  
  "country": "CA",  
  "postalCode": "N4M1K4"  
}
```

Description:

- The address of the delivery destination, see individual field elements below

Delivery Destination Address Line

Section: 1.16.1.22.1.2.1

Name:	addressLine
Full Path:	aciTrip.shipments.shipment.deliveryDestinations.deliveryDestination.address.addressLine
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	105

Sample JSON:

```
"addressLine": "340 Main Street SouthUnit A1"
```

Description:

- Freetext field, no special characters
- The street address of the delivery destination

Delivery Destination City

Section: 1.16.1.22.1.2.2

Name:	city
Full Path:	aciTrip.shipments.shipment.deliveryDestinations.deliveryDestination.address.city
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	35

Sample JSON:

```
"city": "Woodstock"
```

Description:

- Freetext field, no special characters
- The name of the delivery destination's city

Delivery Destination Province

Section: 1.16.1.22.1.2.3

Name:	stateProvince
Full Path:	aciTrip.shipments.shipment.deliveryDestinations.deliveryDestination.address.stateProvince
Type:	String Value
Is Required?:	No
Minimum Length:	2
Maximum Length:	3
Pattern:	^[A-Z]{2}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/state-province-international.json

Sample JSON:

```
"stateProvince": "ON"
```

Description:

- The state or province that the delivery destination is located in

Delivery Destination Country

Section: 1.16.1.22.1.2.4

Name:	country
Full Path:	aciTrip.shipments.shipment.deliveryDestinations.deliveryDestination.address.country
Type:	String Value
Is Required?:	No
Minimum Length:	2
Maximum Length:	2
JSON Reference Data:	https://borderconnect.com/borderconnect/data/countries.json

Sample JSON:

```
"country": "CA"
```

Description:

- Required when delivery destination is not in North America.

Delivery Destination Postal Code

Section: 1.16.1.22.1.2.5

Name:	postalCode
Full Path:	aciTrip.shipments.shipment.deliveryDestinations.deliveryDestination.address.postalCode
Type:	String Value
Is Required?:	Yes
Minimum Length:	6
Maximum Length:	7
Pattern:	^[A-Z0-9-\s]{6,7}\$

Sample JSON:

```
"postalCode": "N4M1K4"
```

Description:

- Alphanumeric, though a space is allowed in the middle position
- Format must be "A1A1A1" or "A1A A1A"
- Letters must be all upper case
- The postal code of the delivery destination

Delivery Destination Contact Number

Section: 1.16.1.22.1.3

Name:	contactNumber
Full Path:	aciTrip.shipments.shipment.deliveryDestinations.deliveryDestination.contactNumber
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	70

Sample JSON:

```
"contactNumber": "1-800-431-1000"
```

Description:

- Freetext field, no special characters
- The phone number of the shipper, always optional.

Notify Parties

Section: 1.16.1.23

Name:	notifyParties
Full Path:	aciTrip.shipments.shipment.notifyParties
Type:	Array<JsonObject>
Is Required?:	No
Minimum Items (of elements in array):	0
Maximum Items (of elements in array):	97

Sample JSON:

```
[
  {
    "name": "Rodgren Management Services",
    "address": {
      "addressLine": "20 Main Street SouthUnit 411",
      "city": "Woodstock",
      "stateProvince": "ON",
      "country": "CA",
      "postalCode": "N4M1K9"
    },
    "contactNumber": "1-519-771-1040"
  }
]
```

Description:

- This array and aciTrip.shipments.shipment.deliveryDestinations cannot have more than 97 entries between them
- Used to provide a name and address of a party to be notified as specified in the contract of carriage or sales invoice. Not required.

Notify Party

Section: 1.16.1.23.1

Name:	notifyParty
Full Path:	aciTrip.shipments.shipment.notifyParties.notifyParty
Type:	Object
Is Required?:	No

Sample JSON:

```
{
  "name": "Rodgren Management Services",
  "address": {
    "addressLine": "20 Main Street SouthUnit 411",
    "city": "Woodstock",
    "stateProvince": "ON",
    "country": "CA",
    "postalCode": "N4M1K9"
  },
  "contactNumber": "1-519-771-1040"
}
```

Description:

- See individual field elements below.

Notify Party Name

Section: 1.16.1.23.1.1

Name:	name
Full Path:	aciTrip.shipments.shipment.notifyParties.notifyParty.name
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	60

Sample JSON:

```
"name": "Rodgren Management Services"
```

Description:

- Free form text field, no special characters
- The name of the notify party

Notify Party Address

Section: 1.16.1.23.1.2

Name:	address
Full Path:	aciTrip.shipments.shipment.notifyParties.notifyParty.address
Type:	Object
Is Required?:	Yes

Sample JSON:

```
"address": {  
  "addressLine": "20 Main Street SouthUnit 411",  
  "city": "Woodstock",  
  "stateProvince": "ON",  
  "country": "CA",  
  "postalCode": "N4M1K9"  
}
```

Description:

- The address of the notify party, see individual field elements below

Notify Party Address Line

Section: 1.16.1.23.1.2.1

Name:	addressLine
Full Path:	aciTrip.shipments.shipment.notifyParties.notifyParty.address.addressLine
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	105

Sample JSON:

```
"addressLine": "20 Main Street SouthUnit 411"
```

Description:

- Freetext field, no special characters
- The street address of the notify party

Notify Party City

Section: 1.16.1.23.1.2.2

Name:	city
Full Path:	aciTrip.shipments.shipment.notifyParties.notifyParty.address.city
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	35

Sample JSON:

```
"city": "Woodstock"
```

Description:

- Freetext field, no special characters
- The name of the notify party's city

Notify Party State or Province

Section: 1.16.1.23.1.2.3

Name:	stateProvince
Full Path:	aciTrip.shipments.shipment.notifyParties.notifyParty.address.stateProvince
Type:	String Value
Is Required?:	No
Minimum Length:	2
Maximum Length:	3
Pattern:	^[A-Z]{2,3}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/state-province-international.json

Sample JSON:

```
"stateProvince": "ON"
```

Description:

- Required when notify party is in north america.
- The state or province that the notify party is located in.

Notify Party Postal Code

Section: 1.16.1.23.1.2.4

Name:	country
Full Path:	aciTrip.shipments.shipment.notifyParties.notifyParty.address.country
Type:	String Value
Is Required?:	No
Minimum Length:	2
Maximum Length:	2
JSON Reference Data:	https://borderconnect.com/borderconnect/data/countries.json

Sample JSON:

```
"country": "CA"
```

Description:

- Required when notify party is not in North America.

Notify Party Postal Code

Section: 1.16.1.23.1.2.5

Name:	postalCode
Full Path:	aciTrip.shipments.shipment.notifyParties.notifyParty.address.postalCode
Type:	String Value
Is Required?:	Yes
Minimum Length:	5
Maximum Length:	10
Pattern:	^[A-Z0-9-\s]{5,10}\$

Sample JSON:

```
"postalCode": "N4M1K9"
```

Description:

- Alphanumeric, though space is allowed in the middle position for Canadian postal codes, and a dash is allowed for U.S. postal codes in the 10 digit format
- For Canadian postal codes, must be in the format "A1A1A1" or "A1A 1A1"
- For U.S. zip codes, must be in the format "12345" or "12345-6789"
- For Mexican postal codes, must be in the format "12345"
- Letters must be all upper case
- The postal or zip code of the notify party

Notify Party Contact Number

Section: 1.16.1.23.1.3

Name:	contactNumber
Full Path:	aciTrip.shipments.shipment.notifyParties.notifyParty.contactNumber
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	70

Sample JSON:

```
"contactNumber": "1-519-771-1040"
```

Description:

- Freetext field, no special characters
- The phone number of the shipper, always optional.

Commodities

Section: 1.16.1.24

Name:	commodities
Full Path:	aciTrip.shipments.shipment.commodities
Type:	Array<JsonObject>
Is Required?:	Yes
Minimum Items (of elements in array):	1
Maximum Items (of elements in array):	999

Sample JSON:

```
[
  {
    "description": "Replicator",
    "quantity": 10,
    "packagingUnit": "PCE",
    "weight": "5000",
    "weightUnit": "KGM",
    "marksAndNumbers": "10768",
    "hazmatDetails": {
      "unCode": "4114",
      "emergencyContactName": "Jeremy Jones",
      "contactPhone": "519-255-4488",
      "handlingInstructions": "No exposure to daylight."
    }
  },
  {
    "description": "Informational Booklet",
    "quantity": 300,
    "packagingUnit": "PCE",
    "weight": "5",
    "weightUnit": "KGM",
    "marksAndNumbers": "5455",
    "hazmatDetails": {
      "unCode": "4114",
      "emergencyContactName": "Jeremy Jones",
      "contactPhone": "519-255-4488",
      "handlingInstructions": "Keep dry."
    }
  }
]
```

Description:

- Information on the commercial freight loaded on the truck
- Array can contain up to 999 commodities.

Commodity

Section: 1.16.1.24.1

Name:	commodity
Full Path:	aciTrip.shipments.shipment.commodities.commodity
Type:	Object
Is Required?:	Yes

Sample JSON:

```
{
  "description": "Replicator",
  "quantity": 10,
  "packagingUnit": "PCE",
  "weight": "5000",
  "weightUnit": "KGM",
  "marksAndNumbers": "10768",
  "hazmatDetails": {
    "unCode": "4114",
    "emergencyContactName": "Jeremy Jones",
    "contactPhone": "519-255-4488",
    "handlingInstructions": "No exposure to daylight."
  }
}
```

Description:

- See individual field elements below.

Commodity Description

Section: 1.16.1.24.1.1

Name:	description
Full Path:	aciTrip.shipments.shipment.commodities.commodity.description
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	450

Sample JSON:

```
"description": "Replicator"
```

Description:

- Freetext field, no special characters
- A description of the goods in this shipment. Should use plain language and be sufficient to give officer good idea of what is being shipped. Generic descriptions such as "freight of all kinds" are not allowed by customs, unless Consolidated Freight Flag is true.

Commodity Quantity

Section: 1.16.1.24.1.2

Name:	quantity
Full Path:	aciTrip.shipments.shipment.commodities.commodity.quantity
Type:	Numeric Value
Is Required?:	Yes

Sample JSON:

```
"quantity": 10
```

Description:

- Decimal values not allowed.
- Must be a number greater than 0
- The quantity of the lowest external packaging unit. e.g. if shipments consists of 100 pieces packaged in 5 boxes sitting on 1 skid, the quantity should be entered as 5, because boxes are the lowest external packaging unit
- The quantity cannot pertain to a measurement of the goods, such as length or volume, it is only to indicate number of packages
- For dry or liquid bulk loads, the quantity should be entered as "1"

Commodity Packaging Unit

Section: 1.16.1.24.1.3

Name:	packagingUnit
Full Path:	aciTrip.shipments.shipment.commodities.commodity.packagingUnit
Type:	String Value
Is Required?:	Yes
Minimum Length:	3
Maximum Length:	3
Pattern:	^[A-Z]{3}\$
JSON Reference Data:	https://borderconnect.com/borderconnect/data/ca/aci/packaging-unit.json

Sample JSON:

```
"packagingUnit": "PCE"
```

Description:

- Alphanumeric, a list of valid packaging unit codes can be found here: <https://borderconnect.com/borderconnect/data/ca/aci/packaging-unit.json>
- The type of packaging for the commodity. Should be considered paired with Commodity Quantity. i.e. if the Commodity Quantity is "30" and the Commodity Packaging Unit is "PCE", that means that 30 pieces are being reported.

Commodity Weight

Section: 1.16.1.24.1.4

Name:	weight
Full Path:	aciTrip.shipments.shipment.commodities.commodity.weight
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	13

Sample JSON:

```
"weight": "5000"
```

Description:

- Numeric, decimal values allowed
- Must be a number greater than 0
- Whole numbers must not exceed 9 digits
- Decimal numbers must not exceed 13 digits
- For decimal numbers, there must not be more than 9 digits before the decimal or more than 4 digits following the decimal
- The gross weight of the commodity

Commodity Weight Unit

Section: 1.16.1.24.1.5

Name:	weightUnit
Full Path:	aciTrip.shipments.shipment.commodities.commodity.weightUnit
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	3
Pattern:	^(L LB LBS LBR K KG KGM MT TNE)\$

Sample JSON:

```
"weightUnit": "KGM"
```

Description:

- Alphabetic, will accept values of "L", "LB", "LBS" or "LBR" to mean pounds; "K", "KG" or "KGM" to mean kilograms; and accept "MT" or "TNE" to mean Metric Tons.
- The weight unit for the commodity. Should be considered paired with Commodity Weight. i.e. if the Commodity Weight is "1800" and the Commodity Packaging Unit is "LBS", that means that 1800 pounds is being reported as the gross weight for the commodity.

Commodity Marks and Numbers

Section: 1.16.1.24.1.6

Name:	marksAndNumbers
Full Path:	aciTrip.shipments.shipment.commodities.commodity.marksAndNumbers
Type:	String Value
Is Required?:	No
Minimum Length:	1
Maximum Length:	35

Sample JSON:

```
"marksAndNumbers": "10768"
```

Description:

- Freetext field, no special characters
- Always optional, represents marks and numbers used to identify a shipment or parts of a shipment

Commodity Hazmat Details

Section: 1.16.1.24.1.7

Name:	hazmatDetails
Full Path:	aciTrip.shipments.shipment.commodities.commodity.hazmatDetails
Type:	Object
Is Required?:	No

Sample JSON:

```
"hazmatDetails": {  
  "unCode": "4114",  
  "emergencyContactName": "Jeremy Jones",  
  "contactPhone": "519-255-4488",  
  "handlingInstructions": "No exposure to daylight."  
}
```

Description:

- Only required when the commodity is classified as hazardous goods
- See individual field elements below

Hazmat UN Code

Section: 1.16.1.24.1.7.1

Name:	unCode
Full Path:	aciTrip.shipments.shipment.commodities.commodity.hazmatDetails.unCode
Type:	String Value
Is Required?:	Yes
Minimum Length:	4
Maximum Length:	4
Pattern:	^[0-9]{4}\$

Sample JSON:

```
"unCode": "4114"
```

Description:

- Numeric string, 4 digits exactly
- The 4 digit UN number used to identify the hazardous material in the commodity

Hazmat Emergency Contact Name

Section: 1.16.1.24.1.7.2

Name:	emergencyContactName
Full Path:	aciTrip.shipments.shipment.commodities.commodity.hazmatDetails.emergencyContactName
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	35

Sample JSON:

```
"emergencyContactName": "Jeremy Jones"
```

Description:

- Freeform text field
- Name of the person or department to contact in case of an emergency involving the hazardous material

Hazmat Contact Phone Number

Section: 1.16.1.24.1.7.3

Name:	contactPhone
Full Path:	aciTrip.shipments.shipment.commodities.commodity.hazmatDetails.contactPhone
Type:	String Value
Is Required?:	Yes
Minimum Length:	10
Maximum Length:	12

Sample JSON:

```
"contactPhone": "519-255-4488"
```

Description:

- Freetext field, no special characters
- The phone number to call in case of emergency involving the hazardous materials
- Must be a valid phone number

Hazmat Handling Instructions

Section: 1.16.1.24.1.7.4

Name:	handlingInstructions
Full Path:	aciTrip.shipments.shipment.commodities.commodity.hazmatDetails.handlingInstructions
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	256

Sample JSON:

```
"handlingInstructions": "No exposure to daylight."
```

Description:

- Freetext field, no special characters
- Handling instructions for the hazardous goods. e.g. "extremely flammable, handle with care"

Shipment Autosend

Section: 1.16.1.25

Name:	autoSend
Full Path:	aciTrip.shipments.shipment.autoSend
Type:	Boolean Value
Is Required?:	No

Sample JSON:

```
"autoSend": true
```

Description:

- Only evaluated when shipment not sent as part of a trip. i.e. when shipment is sent unassociated.
- Specifies whether or not shipment should be sent to CBSA upon import.

Reference Only Shipments

Section: 1.17

Name:	referenceOnlyShipments
Full Path:	aciTrip.referenceOnlyShipments
Type:	Array<JsonObject>
Is Required?:	No
Minimum Items (of elements in array):	0
Maximum Items (of elements in array):	2000

Sample JSON:

```
[
  {
    "cargoControlNumber": "1234PARS00012346",
    "loadedOn": {
      "type": "TRAILER",
      "number": "TR1234"
    },
    "shipmentType": "PARS"
  }
]
```

Description:

- Used to list ACI shipments for which another party is transmitting the ACI shipment data. Only for cases where user is taking shipments on behalf of another carrier, and that carrier will be submitting the shipment data to customs separately. Allows user to link their trip to the other carrier's shipments.
- NOTE: Another way of reporting "reference only" shipments is under aciTrip.shipments.shipment by setting the Reference Only Flag to True. The difference is that reporting the shipments there requires full manifest details including shipper, consignee and commodity, whereas reporting them here requires minimal data. No individual shipment should be reported in both places!
- For more information on manifesting these "2 carrier" scenarios, please see the following link:
http://borderconnect.com/wiki/index.php/Preparing_Partial_ACI_eManifests_in_Two_Carrier_Scenarios

Reference Only Shipment

Section: 1.17.1

Name:	referenceOnlyShipment
Full Path:	aciTrip.referenceOnlyShipments.referenceOnlyShipment
Type:	Object
Is Required?:	No

Sample JSON:

```
{
  "cargoControlNumber": "1234PARS00012346",
  "loadedOn": {
    "type": "TRAILER",
    "number": "TR1234"
  },
  "shipmentType": "PARS"
}
```

Description:

- Used to list an individual reference only shipment. See individual field elements below.

Reference Only Cargo Control Number

Section: 1.17.1.1

Name:	cargoControlNumber
Full Path:	aciTrip.referenceOnlyShipments.referenceOnlyShipment.cargoControlNumber
Type:	String Value
Is Required?:	Yes
Minimum Length:	8
Maximum Length:	25
Pattern:	^[0-9]{1}[0-9A-Z-]{3}[A-Z0-9]{4,21}\$

Sample JSON:

```
"cargoControlNumber": "1234PARS00012346"
```

Description:

- Starts with carrier's 4 digit canadian carrier code followed by unique reference number
- Must not be the identical to any previous Cargo Control Number or Trip Number.
- Must be alpha-numeric (dash also allowed in first 4 positions if part of carrier code), letters must be upper case
- If the shipment type is PARS, the Cargo Control Number must be the PARS number

Reference Only Loaded On

Section: 1.17.1.2

Name:	loadedOn
Full Path:	aciTrip.referenceOnlyShipments.referenceOnlyShipment.loadedOn
Type:	Object
Is Required?:	No

Sample JSON:

```
"loadedOn": {  
  "type": "TRAILER",  
  "number": "TR1234"  
}
```

Description:

- Allows carrier to specify where the reference only shipment is located. i.e. whether it is in the trailer, the truck, or the container, and which trailer it is in if there are multiple trailers
- Not required, system will default to first trailer if one exists, or truck otherwise
- See individual field elements below

Reference Only Loaded On Type

Section: 1.17.1.2.1

Name:	type
Full Path:	aciTrip.referenceOnlyShipments.referenceOnlyShipment.loadedOn.type
Type:	String Value
Is Required?:	Yes
Minimum Length:	5
Maximum Length:	7

Sample JSON:

```
"type": "TRAILER"
```

Description:

- Alphabetic, acceptable values are "TRUCK" or "TRAILER"

Reference Only Loaded On Number

Section: 1.17.1.2.2

Name:	number
Full Path:	aciTrip.referenceOnlyShipments.referenceOnlyShipment.loadedOn.number
Type:	String Value
Is Required?:	Yes
Minimum Length:	1
Maximum Length:	17
Pattern:	^[A-Z0-9\s-\/\]{1,17}\$

Sample JSON:

```
"number": "TR1234"
```

Description:

- Freetext field
- Must exactly match a Truck Number or Trailer Number supplied on this trip under aciTrip.truck, aciTrip.trailers or aciTrip.containers
- Represents the unit number of the specific truck or trailer that the commodity is loaded on

Reference Only Shipment Type

Section: 1.17.1.3

Name:	shipmentType
Full Path:	aciTrip.referenceOnlyShipments.referenceOnlyShipment.shipmentType
Type:	String Value
Is Required?:	Yes
Minimum Length:	2
Maximum Length:	15
JSON Reference Data:	https://borderconnect.com/borderconnect/data/ca/aci/shipment-types.json

Sample JSON:

```
"shipmentType": "PARS"
```

Description:

- See list of valid Shipment Type codes here: <http://borderconnect.com/borderconnect/data/ca/aci/shipment-types.json>
- For more information on individual shipment release types please see the guide here:
http://borderconnect.com/wiki/index.php/Shipment_Types_and_eManifest

Cargo Control Numbers To Attach

Section: 1.18

Name:	cargoControlNumbersToAttach
Full Path:	aciTrip.cargoControlNumbersToAttach
Type:	Array<String>
Is Required?:	No
Minimum Length (of element in array):	5
Maximum Length (of element in array):	25
Maximum Items (of elements in array):	1500

Sample JSON:

```
"cargoControlNumbersToAttach": [ "1234PARS00012348", "1234PARS00012349" ]
```

Description:

- Specified cargo control numbers must be unassociated ACI shipments already in system. If found, they will be automatically attached to trip.

Auto Send

Section: 1.19

Name:	autoSend
Full Path:	aciTrip.autoSend
Type:	Boolean Value
Is Required?:	No

Sample JSON:

```
"autoSend": false
```

Description:

- If true, trip and all attached shipments will be automatically transmitted to customs. If false or not included, trip will only be created in BorderConnect
- Field cannot be used if no trip data is present, as in the case of creating only shipments.
- If used with CREATE operation, trip and all attached shipments will be sent as originals to CBSA.
- If used with UPDATE operation, trip and all attached shipments will be sent as changes to CBSA. Trip and shipments must be on file to use this option.
- If used with DELETE operation, trip and all attached shipments will be sent as cancels to CBSA, and will be deleted from BorderConnect when CBSA accepts the cancel requests.