

RNS Send Request Manual

1.0.0

Arrival Release Office

Section:

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

Sample JSON:

Description:

- Required when Type is "ARRIVAL", will be ignored otherwise.
- 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 that has jurisdiction over the warehouse where the shipment is arriving.

Data

Section: 1.1

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

Sample JSON:

```
"data": "RNS_SEND_REQUEST"
```

Description:

- Used to indicate the type of data the JSON file contains. e.g. for an RNS Send Request the value will be "RNS_SEND_REQUEST"
- 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:	rnsSendRequest.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.
- This field is never required, nor will any validation prevent you from duplicating send IDs.

Company Key

Section: 1.3

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

Sample JSON:

```
"companyKey": "c4555-45983943tr9"
```

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.

Type

Section: 1.4

Name:	type
Full Path:	rnsSendRequest.type
Type:	String Value
Is Required?:	Yes
Minimum Length:	7
Maximum Length:	12

Sample JSON:

```
"type": "ARRIVAL"
```

Description:

- Used to specify what type of transmission to customs you would like to make.
- Acceptable values are "ARRIVAL" and "STATUS_QUERY"
- To send an Arrival Certification, you must have a warehouse RNS profile registered with BorderConnect that is set up for arrival certification
- To send a Status Query, you must have an RNS profile registered with BorderConnect

Section: 1.5

Name:	subLocation
Full Path:	rnsSendRequest.subLocation
Type:	String Value
Is Required?:	No
Minimum Length:	
Maximum Length:	

Sample JSON:

```
"subLocation": "9453"
```

Description:

Arrival Date Time

Section: 1.6

Name:	dateTime
Full Path:	rnsSendRequest.dateTime
Type:	String Value
Is Required?:	No
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:

```
"dateTime": "2015-02-21 04:55:11"
```

Description:

- Required when Type is "ARRIVAL", will be ignored otherwise.
- 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 interpreted in Eastern Standard Time
- Note the space between the date and time elements of the string is mandatory
- Used to indicate the time at which the shipment arrived at the bonded warehouse. Must not be a time in the future.

Cargo Control Numbers

Section: 1.7

Name:	cargoControlNumbers
Full Path:	rnsSendRequest.cargoControlNumbers
Type:	Array<String>
Is Required?:	Yes
Minimum Length (of element in array):	8
Maximum Length (of element in array):	25
Minimum Items (of elements in array):	1
Maximum Items (of elements in array):	100

Sample JSON:

```
"cargoControlNumbers": [ "12345677", "12345678" ]
```

Description:

- Used to indicate the cargo control numbers of the shipments being arrived or queried. Each value in the array represents an individual cargo control number to be arrived or queried.
- Values must be full cargo control numbers including carrier code.
- Values must be alphanumeric, excepting that a dash may appear in the first four characters (the carrier code part of the value)