RNS Send Request Manual

Arrival Release Office Section:

Name: releaseOffice

Full Path: rnsSendRequest.releaseOffice

Type: String Value

Is Required?:

Mo Minimum Length:

4

Maximum Length:

4

Pattern: ^[0-9]{4}\$

JSON Reference Data: https://borderconnect.com/data/ca/aci/ports.json

Sample JSON:

- 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"

- 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?:

Minimum Length:

1

Maximum Length:
68

Sample JSON:

"sendId": "001"

- 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?:

Minimum Length:

1

Maximum Length:
30

Sample JSON:

"companyKey": "c4555-45983943tr9"

- 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"

- 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

Is Required?:
Minimum Length:
Maximum Length:

Sample JSON:

"subLocation": "9453"

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]\$

Sample JSON:

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

- 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.

Section: 1.7

Cargo Control Numbers

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"]

- 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)