# Blume Shipment Services – API Documentation

## Contents

# 1. Change Control

This section of the document contains the change control updates made to the content.

**Table 1. Change Control Table**

| Version | Date | Author | Changes | Change Status |
|---|---|---|---|---|
| 1.0 | 09/09/2022 | Technical Documentation Team | Migrated Shipment Services API Documentation. | Published |
| 1.1 | 20/04/2023 | Technical Documentation Team | Updated:<br><br>• Create Shipment Leg *(on page 7)*<br><br>• Update Shipment Leg All *(on page 17)*<br><br>Added:<br><br>• Freight Line Items *(on page 82)* | Draft |

**Table 2. Distribution**

| Name | Title | Review/Approval |
|---|---|---|
| PSG Team Members | Implementation Analysts, Business Analyst | Review |

The latest version of this document can be found on the Blume Global Documentation Central Repository.

# 2. Shipment Services API Integration Guide

The latest version is: **v1.0**

This document outlines the Application Programming Interfaces (APIs) connected to the Blume Shipment Services. The API in this document is the Shipment Services API. The Shipment Services API provides a set of methods or functions that can be called by the requesting application to perform specific actions, such as create, update, cancel Shipment Leg, and get shipment leg details by Shipment number and originator code, Shipment leg number and originator code.

## 2.1. Booking RESTful API

The document contains the following sections

<table>
<tr>
<td>

Introduction *(on page 5)*

The primary audience for this document includes internal developers and partner developers who will integrate Shipment Services with their systems. Additionally, the supply chain manager may refer to this document for integration context. A basic understanding of APIs, Hyper Text Transfer Protocol (HTTP), and Representational State Transfer (REST)may be required to understand the concepts described in this document.

</td>
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List of the Services *(on page      )*:

• Create Shipment Leg *(on page 7)*

• Cancel Shipment Leg *(on page 17)*

• Update Shipment Leg All *(on page 17)*

• Get Shipment Leg Details *(on page 27)*

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Field Description *(on page 32)*

This section provides a list of attributes that appear with the documentation.

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Error Codes *(on page 86)*

This section provides a list of common error codes that appear with the documentation.

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</tr>
</table>

## 2.2. Where to Start

We strongly recommend you start with the Introduction *(on page 5)* to learn the structure of the Booking RESTful API.

# 3. Introduction

Blume provides an extensive list of APIs to manage the shipments on our platform.

The APIs provide create, update, cancel Shipment; Shipment Leg, get Shipment, and shipment leg details by Shipment number and originator code, Shipment leg number and originator code.

## 3.1. API Guidelines

The following are the API Guidelines:

- All requests must include base URL

- Each request must be called with one of the HTTP verbs – GET, POST, PUT, PATCH

- User must substitute valid values for mandatory and optional fields as and when required.

- All the request and request parameters are case sensitive

- Data is returned in JSON format

- API attempts to conform to the design principles of Representational State Transfer (REST) and relevant W3C HTTP/1.1 standards

- Only use UTF-8 characters encoding. Parameter values should be converted to UTF-8 and URL encoded according to W3C standards

## 3.2. Rate Limit

- All requests are subject to a rate limit

- Rate limiting restricts the number of times user can request resources from the API within a certain time window

- The default rate limit is 2000 requests per hour.

- If request exceed than defined rate limit, then HTTP "429 Too Many Requests" response will persist until the next hour begins.

## 3.3. External URL

To be whitelisted during implementation.

# 4. List of the Services

The description of each field has been provided in the following table along with all the APIs' expect or return, complete or partial shipment object details.

| Service Name | URI | Type | Description | Input | Output |
|---|---|---|---|---|---|
| Create Shipment Leg | /mbe/v1.0/createShipmentLeg | POST | Create a Shipment Leg | Shipment Json | Shipment leg business identifier with status of Success or Failure |
| Cancel Shipment Leg | /mbe/v1.0/cancelShipmentLeg | POST | Cancel Shipment Leg | Shipment Json | Shipment leg business identifier with status of Success or Failure |
| Update Shipment Leg All | /mbe/v1.0/updateShipmentLegAll | POST | Update Existing Shipment Leg | Shipment Json | Shipment leg business identifier with status of Success or Failure |
| Get Shipment Leg Details | /mbe/v1.0/getShipmentLegDetails?identifier=1234 | GET | Get Shipment Leg details via Shipment Number and Originator Code | Search Criteria | Get shipment leg details for provided shipment leg business identifier |

## 4.1. Create Shipment Leg

### 4.1.1. Sample Request to Create Shipment Leg

Sample request (in JSON format) to Create Shipment Leg:

```json
{
 "shipmentLegs": [
  {
   "id": null,
   "createdBy": "ABC CDE",
   "createDttm": null,
   "lastUpdateDttm": null,
   "version": null,
   "uniqueIdentifier": null,
   "originatorCode": "ABCD-EDP",
   "originatorName": "Name of the Originator",
   "shipmentNumber": null,
   "shipmentLegNumber": null,
   "legSequence": 1,
   "status": "Unassigned",
   "mode": "DRAY",
   "modeName": "DRAY",
   "assignedEquipmentType": "UCU",
   "customerCode": "ACDF",
   "customerName": "Customer",
   "creditCheckStatus": "None",
   "plannedPickupDttmLocal": null,
   "plannedDeliveryDttmLocal": "04-26-2023 07:02",
   "plannedPickupDttmUTC": null,
   "plannedDeliveryDttmUTC": "04-26-2023 11:02",
   "sourceType": "API",
   "shipmentType": "Domestic",
   "tripType": "RoundTrip",
   "totalDistance": 8087.06,
   "totalDistanceUOM": "MILES",
   "totalDurationInMin": 8822,
   "totalDurationUOM": "MINUTES",

  "customAttributes": "{\"abcd\":\"\",\"Color\":
\"\",\"test4\":\"\",\"test5\":\"\",\"test6\":\"\",\"test7\":\"\",\"test8
\":\"\",\"Haul class\":\"\",\"vehicleType\":\"\"}",
   "isVisibilityOnly": false,
   "estimatedArrival": "04-26-2023 07:02",
   "estimatedDeparture": "04-20-2023 00:00",
   "hasAttachment": true,
   "category": null,
   "isCOVisibilityOnly": true,
   "shipmentLegPipelineStatus": null,
   "isCriticalChangeTriggered": false,
   "isStatusChanged": false,
   "isAmendmentActionChanged": false,
   "isWorkOrderOrCarrierChanged": false,
```

```json
"isTransactedEntity": false,
"shipmentAttachments": null,
"shipmentEquipment": {
 "id": null,
 "createdBy": "ABC CDE",
 "updatedBy": "ABC CDE",
 "createDttm": "04-20-2023 07:36",
 "lastUpdateDttm": "04-20-2023 07:36",
 "version": null,
 "uniqueIdentifier": null,
 "equipmentType": "UCU",
 "equipmentNumber": null
},
"shipmentStops": [
 {
  "id": null,
  "createdBy": "ABC CDE",
  "updatedBy": "ABC CDE",
  "createDttm": null,
  "lastUpdateDttm": null,
  "version": null,
  "uniqueIdentifier": null,
  "address": {
   "id": null,
   "createdBy": "ABC CDE",
   "updatedBy": "ABC CDE",
   "createDttm": null,
   "lastUpdateDttm": null,
   "version": null,
   "uniqueIdentifier": null,
   "addressLine1": "jorge wilstermann international airport",
   "city": "Cochabamba",
   "country": "BO",
   "countryLong": "Bolivia",
   "postalCode": "00000",
   "state": "C",
   "stateLong": "Cochabamba Department",
   "latitude": -17.41705,
   "longitude": -66.17871,
   "timeZone": "America/La_Paz",
   "plusCode": "57JMHRMC+5G",
   "locationName": "Jorge Wilstermann International Airport",
   "locationUUID": "8d037a63-6999-48e8-a39e-881620f7bb4e",
   "unlocode": "BOCBB",
   "locationType": "AIRPORT"
  },
  "stopNumber": 1,
```

```
"stopAction": "Pickup",
"stopType": "O",
"mode": "DRAY",
"plannedArrivalStartDttmLocal": "04-21-2023 00:00",
"plannedArrivalEndDttmLocal": null,
"plannedDepartureStartDttmLocal": null,
"plannedDepartureEndDttmLocal": null,
"isLoaded": true,
"carrierEstimatedArrivalDttmLocal": "04-20-2023 00:00",
"carrierEstimatedDepartureDttmLocal": "04-20-2023 01:00",
"blumeEstimatedArrivalDttmLocal": null,
"blumeEstimatedDepartureDttmLocal": null,
"isVisibilityOnly": false,
"transitTimeSource": "KFACTOR",
"isInfeasible": false,
"plannedArrivalStartDttmUTC": null,
"plannedArrivalEndDttmUTC": null,
"plannedDepartureStartDtTmUTC": null,
"plannedDepartureEndDttmUTC": null,
"carrierEstimatedArrivalDttmUTC": "04-20-2023 04:00",
"blumeEstimatedArrivalDttmUTC": null,
"blumeEstimatedDepartureDttmUTC": null,
"actualArrivalDttmLocal": null,
"actualArrivalDttmUTC": null,
"appointmentStartDttmLocal": null,
"appointmentStartDttmUTC": null,
"appointmentEndDttmLocal": null,
"appointmentEndDttmUTC": null,
"cutOffDttmLocal": null,
"cutOffDttmUTC": null,
"earlyReceiptDttmLocal": null,
"earlyReceiptDttmUTC": null,
"lastFreeDttmLocal": null,
"lastFreeDttmUTC": null,
"detentionLastFreeDttmLocal": null,
"detentionLastFreeDttmUTC": null,
"demurrageLastFreeDttmLocal": null,
"demurrageLastFreeDttmUTC": null,
"actualDepartureDttmLocal": null,
"actualDepartureDttmUTC": null,
"appointmentWindowType": null
},
{
"id": null,
"createdBy": "ABC CDE",
"updatedBy": "ABC CDE",
"createDttm": null,
```

```json
  "lastUpdateDttm": null,
  "version": null,
  "uniqueIdentifier": null,
  "address": {
   "id": null,
   "createdBy": "ABC CDE",
   "updatedBy": "ABC CDE",
   "createDttm": null,
   "lastUpdateDttm": null,
   "version": null,
   "uniqueIdentifier": null,
   "addressLine1": "N1",
   "city": "Conakry",
   "country": "GN",
   "countryLong": "Guinea",
   "postalCode": "00000",
   "state": "C",
   "stateLong": "Conakry",
   "latitude": 9.57566,
   "longitude": -13.62017,
   "timeZone": "Africa/Conakry",
   "plusCode": "6CX8H9GH+7W",
   "locationName": "Conakry International Airport",
   "locationUUID": "e77c2133-f87c-4195-9767-1566c46a6678",
   "unlocode": "GNCKY",
   "locationType": "AIRPORT"
  },
  "stopNumber": 2,
  "stopAction": "Delivery",
  "stopType": "D",
  "mode": "DRAY",
  "plannedArrivalStartDttmLocal": null,
  "plannedArrivalEndDttmLocal": null,
  "plannedDepartureStartDttmLocal": null,
  "plannedDepartureEndDttmLocal": null,
  "distance": 4043.53,
  "distanceUOM": "MILES",
  "isLoaded": true,
  "carrierEstimatedArrivalDttmLocal": "04-23-2023 06:31",
  "carrierEstimatedDepartureDttmLocal": "04-23-2023 08:31",
  "blumeEstimatedArrivalDttmLocal": null,
  "blumeEstimatedDepartureDttmLocal": null,
  "transitTime": 4411,
  "transitTimeUOM": "MINUTES",
  "isVisibilityOnly": false,
  "transitTimeSource": "KFACTOR",
  "isInfeasible": false,
```

```json
  "plannedArrivalStartDttmUTC": null,
  "plannedArrivalEndDttmUTC": null,
  "plannedDepartureStartDtTmUTC": null,
  "plannedDepartureEndDttmUTC": null,
  "carrierEstimatedArrivalDttmUTC": "04-23-2023 06:31",
  "blumeEstimatedArrivalDttmUTC": null,
  "blumeEstimatedDepartureDttmUTC": null,
  "actualArrivalDttmLocal": null,
  "actualArrivalDttmUTC": null,
  "appointmentStartDttmLocal": null,
  "appointmentStartDttmUTC": null,
  "appointmentEndDttmLocal": null,
  "appointmentEndDttmUTC": null,
  "cutOffDttmLocal": null,
  "cutOffDttmUTC": null,
  "earlyReceiptDttmLocal": null,
  "earlyReceiptDttmUTC": null,
  "lastFreeDttmLocal": null,
  "lastFreeDttmUTC": null,
  "detentionLastFreeDttmLocal": null,
  "detentionLastFreeDttmUTC": null,
  "demurrageLastFreeDttmLocal": null,
  "demurrageLastFreeDttmUTC": null,
  "actualDepartureDttmLocal": null,
  "actualDepartureDttmUTC": null,
  "appointmentWindowType": null
 },
 {
  "id": null,
  "createdBy": "ABC CDE",
  "updatedBy": "ABC CDE",
  "createDttm": null,
  "lastUpdateDttm": null,
  "version": null,
  "uniqueIdentifier": null,
  "address": {
   "id": null,
   "createdBy": "ABC CDE",
   "updatedBy": "ABC CDE",
   "createDttm": null,
   "lastUpdateDttm": null,
   "version": null,
   "uniqueIdentifier": null,
   "addressLine1": "jorge wilstermann international airport",
   "city": "Cochabamba",
   "country": "BO",
   "countryLong": "Bolivia",
```

```
    "postalCode": "00000",
    "state": "C",
    "stateLong": "Cochabamba Department",
    "latitude": -17.41705,
    "longitude": -66.17871,
    "timeZone": "America/La_Paz",
    "plusCode": "57JMHRMC+5G",
    "locationName": "Jorge Wilstermann International Airport",
    "locationUUID": "8d037a63-6999-48e8-a39e-881620f7bb4e",
    "unlocode": "BOCBB",
    "locationType": "AIRPORT"
},
"stopNumber": 3,
"stopAction": "Return",
"stopType": "R",
"plannedArrivalStartDttmLocal": null,
"plannedArrivalEndDttmLocal": null,
"plannedDepartureStartDttmLocal": null,
"plannedDepartureEndDttmLocal": null,
"distance": 4043.53,
"distanceUOM": "MILES",
"isLoaded": false,
"carrierEstimatedArrivalDttmLocal": "04-26-2023 06:02",
"carrierEstimatedDepartureDttmLocal": "04-26-2023 07:02",
"blumeEstimatedArrivalDttmLocal": null,
"blumeEstimatedDepartureDttmLocal": null,
"transitTime": 4411,
"transitTimeUOM": "MINUTES",
"isVisibilityOnly": false,
"transitTimeSource": "KFACTOR",
"isInfeasible": false,
"plannedArrivalStartDttmUTC": null,
"plannedArrivalEndDttmUTC": null,
"plannedDepartureStartDtTmUTC": null,
"plannedDepartureEndDttmUTC": null,
"carrierEstimatedArrivalDttmUTC": "04-26-2023 10:02",
"blumeEstimatedArrivalDttmUTC": null,
"blumeEstimatedDepartureDttmUTC": null,
"actualArrivalDttmLocal": null,
"actualArrivalDttmUTC": null,
"appointmentStartDttmLocal": null,
"appointmentStartDttmUTC": null,
"appointmentEndDttmLocal": null,
"appointmentEndDttmUTC": null,
"cutOffDttmLocal": null,
"cutOffDttmUTC": null,
"earlyReceiptDttmLocal": null,
```

```json
  "earlyReceiptDttmUTC": null,
  "lastFreeDttmLocal": null,
  "lastFreeDttmUTC": null,
  "detentionLastFreeDttmLocal": null,
  "detentionLastFreeDttmUTC": null,
  "demurrageLastFreeDttmLocal": null,
  "demurrageLastFreeDttmUTC": null,
  "actualDepartureDttmLocal": null,
  "actualDepartureDttmUTC": null,
  "appointmentWindowType": null
 }
],
"railAttributes": {
 "id": null,
 "createdBy": "ABC CDE",
 "updatedBy": "ABC CDE",
 "createDttm": "04-20-2023 07:36",
 "lastUpdateDttm": "04-20-2023 07:36",
 "version": null,
 "uniqueIdentifier": null,
 "interModalPlan": null,
 "programCode": null
},
"masterShipmentReference": "SHIP930383903033",
"lastFreeDttmLocal": null,
"detentionLastFreeDttmLocal": null,
"demurrageLastFreeDttmLocal": null,
"bookingNumber": null,
"workOrderNumber": null,
"receiverCode": null,
"receiverName": null,
"amendmentStatus": null,
"designatedCarrierCode": null,
"assignedCarrierCode": null,
"csConfigId": null,
"shipmentReferences": null,
"completedOnDttmLocal": null,
"completedOnDttmUTC": null,
"criticalChangeVersion": null,
"importExportAttributes": null,
"lastFreeDate": null,
"detentionLastFreeDate": null,
"demurrageLastFreeDate": null,
"updatedOriginatorCode": "",
"operationType": "CREATE",
"updatedBy": "ABC CDE",
"stopOrders": [
```

```json
{
 "transportationOrder": {
  "operationType": "CREATE",
  "sourceType": "UI",
  "originatorCode": "RBIN-EDP",
  "originAddress": {
   "id": null,
   "createdBy": "ABC CDE",
   "updatedBy": "ABC CDE",
   "createDttm": null,
   "lastUpdateDttm": null,
   "version": null,
   "uniqueIdentifier": null,
   "addressLine1": "jorge wilstermann international airport",
   "city": "Cochabamba",
   "country": "BO",
   "countryLong": "Bolivia",
   "postalCode": "00000",
   "state": "C",
   "stateLong": "Cochabamba Department",
   "latitude": -17.41705,
   "longitude": -66.17871,
   "timeZone": "America/La_Paz",
   "plusCode": "57JMHRMC+5G",
   "locationName": "Jorge Wilstermann International Airport",
   "locationUUID": "8d037a63-6999-48e8-a39e-881620f7bb4e",
   "unlocode": "BOCBB",
   "locationType": "AIRPORT"
  },
  "destinationAddress": {
   "id": null,
   "createdBy": "ABC CDE",
   "updatedBy": "ABC CDE",
   "createDttm": null,
   "lastUpdateDttm": null,
   "version": null,
   "uniqueIdentifier": null,
   "addressLine1": "jorge wilstermann international airport",
   "city": "Cochabamba",
   "country": "BO",
   "countryLong": "Bolivia",
   "postalCode": "00000",
   "state": "C",
   "stateLong": "Cochabamba Department",
   "latitude": -17.41705,
   "longitude": -66.17871,
   "timeZone": "America/La_Paz",
```

```json
      "plusCode": "57JMHRMC+5G",
      "locationName": "Jorge Wilstermann International Airport",
      "locationUUID": "8d037a63-6999-48e8-a39e-881620f7bb4e",
      "unlocode": "BOCBB",
      "locationType": "AIRPORT"
    },
    "transportationOrderNumber": "ORD345",
    "transportationOrderTypeName": "Purchase Order",
    "transportationOrderType": "PurchaseOrder",
    "originLocationName": "Jorge Wilstermann International Airport",
    "transportationOrderDescription": "ORD DESC",
    "destinationLocationName": "Jorge Wilstermann International
Airport",
    "expanded": true,
    "transportationOrderLines": [
     {
      "skuItemNumber": "SKU5768",
      "skuDescription": "SKU DESC",
      "packageType": "Box",
      "barCodeId": "2345",
      "protectionLevelName": "Frozen",
      "productClassName": "Cheese",
      "sequenceNumber": 0
     }
    ]
    }
   }
  ]
 }
],
"correlationId": 111,
"entityTransactionIndicator": "SHIPMENT_LEG"
}
```

## 4.1.2. Sample Response to Create Shipment Leg

Sample response (in JSON format) to Create Shipment Leg:

```json
{
"correlationId": "123ABC",
"identifier": "689979036649894",
"status": "SUCCESS",
"errorDetails": [
 {
  "errorCode": "p2FOHN4AAh",
  "errorMessage": "XdrxL7Un9s",
  "errorType": "Error"
```

```
    }
  ]
}
```

View the Field Description *(on page 32)* section for additional information on the attributes that are present in the JSON.

## 4.2. Cancel Shipment Leg

Sample request (in JSON format) to Cancel Shipment Leg:

```
{
  "correlationId": "123ABC",
  "payload": {
    "identifier": "829174991234661",
    "updatedBy": "Arvind88"
  }
}
```

View the Field Description *(on page 32)* section for additional information on the attributes that are present in the JSON.

## 4.3. Update Shipment Leg All

### 4.3.1. Sample Request to Update Shipment Leg (All)

Sample request (in JSON format) to Update Shipment Leg (All):

> **Note:** If the update payload contains the comment. It always generates a fresh comment. If the additional comment is not necessary, do not include it in the update payload.

```
{
 "shipmentLegs": [
  {
   "id": null,
   "createdBy": "ABC CDE",
   "createDttm": null,
   "lastUpdateDttm": null,
   "version": null,
   "uniqueIdentifier": null,
   "originatorCode": "ABCD-EDP",
```

```
"originatorName": "Name of the Originator",
"shipmentNumber": null,
"shipmentLegNumber": null,
"legSequence": 1,
"status": "Unassigned",
"mode": "DRAY",
"modeName": "DRAY",
"assignedEquipmentType": "UCU",
"customerCode": "BACD",
"customerName": "Customer",
"creditCheckStatus": "None",
"plannedPickupDttmLocal": null,
"plannedDeliveryDttmLocal": "04-26-2023 07:02",
"plannedPickupDttmUTC": null,
"plannedDeliveryDttmUTC": "04-26-2023 11:02",
"sourceType": "API",
"shipmentType": "Domestic",
"tripType": "RoundTrip",
"totalDistance": 8087.06,
"totalDistanceUOM": "MILES",
"totalDurationInMin": 8822,
"totalDurationUOM": "MINUTES",

 "customAttributes": "{\"abcd\":\"\",\"Color\":
\"\",\"test4\":\"\",\"test5\":\"\",\"test6\":\"\",\"test7\":\"\",\"test8
\":\"\",\"Haul class\":\"\",\"vehicleType\":\"\"}",
"isVisibilityOnly": false,
"estimatedArrival": "04-26-2023 07:02",
"estimatedDeparture": "04-20-2023 00:00",
"hasAttachment": true,
"category": null,
"isCOVisibilityOnly": true,
"shipmentLegPipelineStatus": null,
"isCriticalChangeTriggered": false,
"isStatusChanged": false,
"isAmendmentActionChanged": false,
"isWorkOrderOrCarrierChanged": false,
"isTransactedEntity": false,
"shipmentAttachments": null,
"shipmentEquipment": {
 "id": null,
 "createdBy": "ABC CDE",
 "updatedBy": "ABC CDE",
 "createDttm": "04-20-2023 07:36",
 "lastUpdateDttm": "04-20-2023 07:36",
 "version": null,
 "uniqueIdentifier": null,
```

```json
  "equipmentType": "UCU",
  "equipmentNumber": null
 },
 "shipmentStops": [
  {
   "id": null,
   "createdBy": "ABC CDE",
   "updatedBy": "ABC CDE",
   "createDttm": null,
   "lastUpdateDttm": null,
   "version": null,
   "uniqueIdentifier": null,
   "address": {
    "id": null,
    "createdBy": "ABC CDE",
    "updatedBy": "ABC CDE",
    "createDttm": null,
    "lastUpdateDttm": null,
    "version": null,
    "uniqueIdentifier": null,
    "addressLine1": "jorge wilstermann international airport",
    "city": "Cochabamba",
    "country": "BO",
    "countryLong": "Bolivia",
    "postalCode": "00000",
    "state": "C",
    "stateLong": "Cochabamba Department",
    "latitude": -17.41705,
    "longitude": -66.17871,
    "timeZone": "America/La_Paz",
    "plusCode": "57JMHRMC+5G",
    "locationName": "Jorge Wilstermann International Airport",
    "locationUUID": "8d037a63-6999-48e8-a39e-881620f7bb4e",
    "unlocode": "BOCBB",
    "locationType": "AIRPORT"
   },
   "stopNumber": 1,
   "stopAction": "Pickup",
   "stopType": "O",
   "mode": "DRAY",
   "plannedArrivalStartDttmLocal": "04-21-2023 00:00",
   "plannedArrivalEndDttmLocal": null,
   "plannedDepartureStartDttmLocal": null,
   "plannedDepartureEndDttmLocal": null,
   "isLoaded": true,
   "carrierEstimatedArrivalDttmLocal": "04-20-2023 00:00",
   "carrierEstimatedDepartureDttmLocal": "04-20-2023 01:00",
```

```json
    "blumeEstimatedArrivalDttmLocal": null,
    "blumeEstimatedDepartureDttmLocal": null,
    "isVisibilityOnly": false,
    "transitTimeSource": "KFACTOR",
    "isInfeasible": false,
    "plannedArrivalStartDttmUTC": null,
    "plannedArrivalEndDttmUTC": null,
    "plannedDepartureStartDtTmUTC": null,
    "plannedDepartureEndDttmUTC": null,
    "carrierEstimatedArrivalDttmUTC": "04-20-2023 04:00",
    "blumeEstimatedArrivalDttmUTC": null,
    "blumeEstimatedDepartureDttmUTC": null,
    "actualArrivalDttmLocal": null,
    "actualArrivalDttmUTC": null,
    "appointmentStartDttmLocal": null,
    "appointmentStartDttmUTC": null,
    "appointmentEndDttmLocal": null,
    "appointmentEndDttmUTC": null,
    "cutOffDttmLocal": null,
    "cutOffDttmUTC": null,
    "earlyReceiptDttmLocal": null,
    "earlyReceiptDttmUTC": null,
    "lastFreeDttmLocal": null,
    "lastFreeDttmUTC": null,
    "detentionLastFreeDttmLocal": null,
    "detentionLastFreeDttmUTC": null,
    "demurrageLastFreeDttmLocal": null,
    "demurrageLastFreeDttmUTC": null,
    "actualDepartureDttmLocal": null,
    "actualDepartureDttmUTC": null,
    "appointmentWindowType": null
  },
  {
   "id": null,
   "createdBy": "ABC CDE",
   "updatedBy": "ABC CDE",
   "createDttm": null,
   "lastUpdateDttm": null,
   "version": null,
   "uniqueIdentifier": null,
   "address": {
    "id": null,
    "createdBy": "ABC CDE",
    "updatedBy": "ABC CDE",
    "createDttm": null,
    "lastUpdateDttm": null,
    "version": null,
```

```json
      "uniqueIdentifier": null,
      "addressLine1": "N1",
      "city": "Conakry",
      "country": "GN",
      "countryLong": "Guinea",
      "postalCode": "00000",
      "state": "C",
      "stateLong": "Conakry",
      "latitude": 9.57566,
      "longitude": -13.62017,
      "timeZone": "Africa/Conakry",
      "plusCode": "6CX8H9GH+7W",
      "locationName": "Conakry International Airport",
      "locationUUID": "e77c2133-f87c-4195-9767-1566c46a6678",
      "unlocode": "GNCKY",
      "locationType": "AIRPORT"
   },
   "stopNumber": 2,
   "stopAction": "Delivery",
   "stopType": "D",
   "mode": "DRAY",
   "plannedArrivalStartDttmLocal": null,
   "plannedArrivalEndDttmLocal": null,
   "plannedDepartureStartDttmLocal": null,
   "plannedDepartureEndDttmLocal": null,
   "distance": 4043.53,
   "distanceUOM": "MILES",
   "isLoaded": true,
   "carrierEstimatedArrivalDttmLocal": "04-23-2023 06:31",
   "carrierEstimatedDepartureDttmLocal": "04-23-2023 08:31",
   "blumeEstimatedArrivalDttmLocal": null,
   "blumeEstimatedDepartureDttmLocal": null,
   "transitTime": 4411,
   "transitTimeUOM": "MINUTES",
   "isVisibilityOnly": false,
   "transitTimeSource": "KFACTOR",
   "isInfeasible": false,
   "plannedArrivalStartDttmUTC": null,
   "plannedArrivalEndDttmUTC": null,
   "plannedDepartureStartDtTmUTC": null,
   "plannedDepartureEndDttmUTC": null,
   "carrierEstimatedArrivalDttmUTC": "04-23-2023 06:31",
   "blumeEstimatedArrivalDttmUTC": null,
   "blumeEstimatedDepartureDttmUTC": null,
   "actualArrivalDttmLocal": null,
   "actualArrivalDttmUTC": null,
   "appointmentStartDttmLocal": null,
```

```
"appointmentStartDttmUTC": null,
"appointmentEndDttmLocal": null,
"appointmentEndDttmUTC": null,
"cutOffDttmLocal": null,
"cutOffDttmUTC": null,
"earlyReceiptDttmLocal": null,
"earlyReceiptDttmUTC": null,
"lastFreeDttmLocal": null,
"lastFreeDttmUTC": null,
"detentionLastFreeDttmLocal": null,
"detentionLastFreeDttmUTC": null,
"demurrageLastFreeDttmLocal": null,
"demurrageLastFreeDttmUTC": null,
"actualDepartureDttmLocal": null,
"actualDepartureDttmUTC": null,
"appointmentWindowType": null
},
{
"id": null,
"createdBy": "ABC CDE",
"updatedBy": "ABC CDE",
"createDttm": null,
"lastUpdateDttm": null,
"version": null,
"uniqueIdentifier": null,
"address": {
 "id": null,
 "createdBy": "ABC CDE",
 "updatedBy": "ABC CDE",
 "createDttm": null,
 "lastUpdateDttm": null,
 "version": null,
 "uniqueIdentifier": null,
 "addressLine1": "jorge wilstermann international airport",
 "city": "Cochabamba",
 "country": "BO",
 "countryLong": "Bolivia",
 "postalCode": "00000",
 "state": "C",
 "stateLong": "Cochabamba Department",
 "latitude": -17.41705,
 "longitude": -66.17871,
 "timeZone": "America/La_Paz",
 "plusCode": "57JMHRMC+5G",
 "locationName": "Jorge Wilstermann International Airport",
 "locationUUID": "8d037a63-6999-48e8-a39e-881620f7bb4e",
 "unlocode": "BOCBB",
```

```json
      "locationType": "AIRPORT"
    },
    "stopNumber": 3,
    "stopAction": "Return",
    "stopType": "R",
    "plannedArrivalStartDttmLocal": null,
    "plannedArrivalEndDttmLocal": null,
    "plannedDepartureStartDttmLocal": null,
    "plannedDepartureEndDttmLocal": null,
    "distance": 4043.53,
    "distanceUOM": "MILES",
    "isLoaded": false,
    "carrierEstimatedArrivalDttmLocal": "04-26-2023 06:02",
    "carrierEstimatedDepartureDttmLocal": "04-26-2023 07:02",
    "blumeEstimatedArrivalDttmLocal": null,
    "blumeEstimatedDepartureDttmLocal": null,
    "transitTime": 4411,
    "transitTimeUOM": "MINUTES",
    "isVisibilityOnly": false,
    "transitTimeSource": "KFACTOR",
    "isInfeasible": false,
    "plannedArrivalStartDttmUTC": null,
    "plannedArrivalEndDttmUTC": null,
    "plannedDepartureStartDtTmUTC": null,
    "plannedDepartureEndDttmUTC": null,
    "carrierEstimatedArrivalDttmUTC": "04-26-2023 10:02",
    "blumeEstimatedArrivalDttmUTC": null,
    "blumeEstimatedDepartureDttmUTC": null,
    "actualArrivalDttmLocal": null,
    "actualArrivalDttmUTC": null,
    "appointmentStartDttmLocal": null,
    "appointmentStartDttmUTC": null,
    "appointmentEndDttmLocal": null,
    "appointmentEndDttmUTC": null,
    "cutOffDttmLocal": null,
    "cutOffDttmUTC": null,
    "earlyReceiptDttmLocal": null,
    "earlyReceiptDttmUTC": null,
    "lastFreeDttmLocal": null,
    "lastFreeDttmUTC": null,
    "detentionLastFreeDttmLocal": null,
    "detentionLastFreeDttmUTC": null,
    "demurrageLastFreeDttmLocal": null,
    "demurrageLastFreeDttmUTC": null,
    "actualDepartureDttmLocal": null,
    "actualDepartureDttmUTC": null,
    "appointmentWindowType": null
```

```
    }
  ],
  "railAttributes": {
   "id": null,
   "createdBy": "ABC CDE",
   "updatedBy": "ABC CDE",
   "createDttm": "04-20-2023 07:36",
   "lastUpdateDttm": "04-20-2023 07:36",
   "version": null,
   "uniqueIdentifier": null,
   "interModalPlan": null,
   "programCode": null
  },
  "masterShipmentReference": "SHIP930383903033",
  "lastFreeDttmLocal": null,
  "detentionLastFreeDttmLocal": null,
  "demurrageLastFreeDttmLocal": null,
  "bookingNumber": null,
  "workOrderNumber": null,
  "receiverCode": null,
  "receiverName": null,
  "amendmentStatus": null,
  "designatedCarrierCode": null,
  "assignedCarrierCode": null,
  "csConfigId": null,
  "shipmentReferences": null,
  "completedOnDttmLocal": null,
  "completedOnDttmUTC": null,
  "criticalChangeVersion": null,
  "importExportAttributes": null,
  "lastFreeDate": null,
  "detentionLastFreeDate": null,
  "demurrageLastFreeDate": null,
  "updatedOriginatorCode": "",
  "operationType": "PATCH",
  "updatedBy": "ABC CDE",
  "stopOrders": [
   {
    "transportationOrder": {
     "operationType": "PATCH",
     "sourceType": "UI",
     "originatorCode": "RBIN-EDP",
     "originAddress": {
      "id": null,
      "createdBy": "ABC CDE",
      "updatedBy": "ABC CDE",
      "createDttm": null,
```

```json
  "lastUpdateDttm": null,
  "version": null,
  "uniqueIdentifier": null,
  "addressLine1": "jorge wilstermann international airport",
  "city": "Cochabamba",
  "country": "BO",
  "countryLong": "Bolivia",
  "postalCode": "00000",
  "state": "C",
  "stateLong": "Cochabamba Department",
  "latitude": -17.41705,
  "longitude": -66.17871,
  "timeZone": "America/La_Paz",
  "plusCode": "57JMHRMC+5G",
  "locationName": "Jorge Wilstermann International Airport",
  "locationUUID": "8d037a63-6999-48e8-a39e-881620f7bb4e",
  "unlocode": "BOCBB",
  "locationType": "AIRPORT"
},
"destinationAddress": {
  "id": null,
  "createdBy": "ABC CDE",
  "updatedBy": "ABC CDE",
  "createDttm": null,
  "lastUpdateDttm": null,
  "version": null,
  "uniqueIdentifier": null,
  "addressLine1": "jorge wilstermann international airport",
  "city": "Cochabamba",
  "country": "BO",
  "countryLong": "Bolivia",
  "postalCode": "00000",
  "state": "C",
  "stateLong": "Cochabamba Department",
  "latitude": -17.41705,
  "longitude": -66.17871,
  "timeZone": "America/La_Paz",
  "plusCode": "57JMHRMC+5G",
  "locationName": "Jorge Wilstermann International Airport",
  "locationUUID": "8d037a63-6999-48e8-a39e-881620f7bb4e",
  "unlocode": "BOCBB",
  "locationType": "AIRPORT"
},
"transportationOrderNumber": "ORD345",
"transportationOrderTypeName": "Purchase Order",
"transportationOrderType": "PurchaseOrder",
"originLocationName": "Jorge Wilstermann International Airport",
```

```
      "transportationOrderDescription": "ORD DESC",
      "destinationLocationName": "Jorge Wilstermann International
 Airport",
      "expanded": true,
      "transportationOrderLines": [
       {
        "skuItemNumber": "SKU5768",
        "skuDescription": "SKU DESC",
        "packageType": "Box",
        "barCodeId": "2345",
        "protectionLevelName": "Frozen",
        "productClassName": "Cheese",
        "sequenceNumber": 0
       }
      ]
     }
    }
   ]
  }
 ],
 "correlationId": 111,
 "entityTransactionIndicator": "SHIPMENT_LEG"
}
```

## 4.3.2. Sample Response to Update Shipment Leg (All)

```
{
  "correlationId": "123ABC",
  "identifier": "689979036649894",
  "status": "SUCCESS",
  "errorDetails": [
    {
      "errorCode": "p2FOHN4AAh",
      "errorMessage": "XdrxL7Un9s",
      "errorType": "Error"
    }
  ]
}
```

View the Field Description *(on page 32)* section for additional information on the attributes that are present in the JSON.

# 4.4. Get Shipment Leg Details

Sample request (in JSON format) to get Shipment Leg details by Shipment Leg Number and **Originator Code**:

```json
{
  "correlationId": "123ABC",
  "payload": {
    "identifier": "689979036649894",
    "createdBy": "DFGGGGG",
    "updatedBy": "ZXCCXCXC",
    "originatorCode": "XXXXXX",
    "shipmentLegNumber": "AB090822-04",
    "mode": "DRAY",
    "freightDescription": "2 PK NATURAL TRAY  TABLE -",
    "shipmentType": "Import",
    "tripType": "OneWay",
    "status": "Accepted",
    "amendmentStatus": "AmendedByMotorCarrier",
    "receiverCode": "3455",
    "receiverName": "FGHJJJ",
    "legSequence": 1,
    "lastFreeDttmLocal": "09-06-2022 22:10",
    "workOrderCreatedDttmLocal": "09-06-2022 22:10",
    "totalDistance": 344,
    "totalDistanceUOM": "DDD",
    "totalDurationInMin": 455,
    "completed_on_dttm_local": "09-06-2022 22:10",
    "hasAttachment": false,
    "shipmentEquipment": {
      "identifier": "78978890899890",
      "equipmentType": "40HC",
      "equipmentNumber": "CKIU4802731"
    },
    "shipmentStops": [
      {
        "address": {
          "addressLine1": "6000 DR. LUKE GLENN GARRETT, JR.",
          "addressLine2": "MEMORIAL HIGHWAY",
          "city": "AUSTELL",
          "countryShort": "US",
          "postalCode": "30106",
          "stateShort": "GA",
          "locationName": "N/S RAMP - AUSTELL"
        },
        "stopNumber": 1,
        "stopAction": "Pickup",
```

```
    "plannedPickupStartDateLocal": "09-06-2022 21:10",
    "plannedPickupEndDateLocal": "09-06-2022 22:10",
    "plannedPickupWindowType": "Between",
    "distance": 38709586212,
    "distanceUOM": "uLxf5z3bc5",
    "durationInMinutes": 412669318751,
    "actualArrivalDttmLocal": "09-06-2022 21:10",
    "actualDepartureDttmLocal": "09-06-2022 21:10",
    "carrierCode": "t9ORy5XKWJ",
    "carrierName": "EAxGvHunai",
    "stopStatus": "rjhpnYwRi1",
    "isLoaded": true,
    "dockId": "S6WikOw8rU",
    "appointmentRequired": true,
    "appointmentStartDttmLocal": "09-06-2022 21:10",
    "appointmentEndDttmLocal": "09-06-2022 21:10",
    "appointmentWindowType": "dFh8GzjE8a",
    "scheduledGateOutWindowType": "iNoQWla0Qm",
    "zoneCode": "ZgIXKlf1Ga",
    "geoRegion": "2NQ9pMbx32",
    "podNumber": "XWTbJDSB4f",
    "podReceivedDttmLocal": "09-06-2022 21:10",
    "spellName": "XnbeJlrryC",
    "transitTime": 422051328579,
    "transitTimeUOM": "tiQbSSZK_a",
    "inboundVesselName": "YkHrbhZg12",
    "inboundVoyageNumber": "aTbnHXCdOS",
    "inboundFlightNumber": "ybByTBbmbP",
    "inboundTrainNumber": "FZCZxZUhm1",
    "inboundTruckNumber": "VZSsLzbAKo",
    "outboundVesselName": "WL17NGXNn2",
    "outboundVoyageNumber": "Bmqd6ZpJSY",
    "outboundFlightNumber": "O7sWcn7pNU",
    "outboundTrainNumber": "_iHYSB595l",
    "outboundTruckNumber": "wOhOq7gqsF",
    "cutOffDttmLocal": "09-06-2022 21:10",
    "earlyReceiptDttmLocal": "09-06-2022 21:10",
    "stopReferenceNumber": "refNum",
    "blumeEstimatedArrivalDttmLocal": "09-06-2022 21:10",
    "blumeEstimatedDepartureDttmLocal": "09-06-2022 21:10",
    "carrierEstimatedArrivalDttmLocal": "09-06-2022 21:10",
    "carrierEstimatedDepartureDttmLocal": "09-06-2022 21:10",
   "identifier": "67879889896888",
  },
  {
   "address": {
     "addressLine1": "2855 SELMA HIGHWAY",
```

```json
        "city": "MONTGOMERY",
        "country": "US",
        "countryLong": "US",
        "postalCode": "36108",
        "state": "AL",
        "locationName": "CSC DISTRIBUTION"
    },
    "stopNumber": 2,
    "stopAction": "Delivery",
    "plannedDeliveryStartDateLocal": "09-06-2022 21:10",
    "plannedDeliveryEndDateLocal": "09-06-2022 22:10",
    "plannedDeliveryWindowType": "Between",
    "distance": 38709586212,
    "distanceUOM": "uLxf5z3bc5",
    "durationInMinutes": 412669318751,
    "actualArrivalDttmLocal": "09-06-2022 21:10",
    "actualDepartureDttmLocal": "09-06-2022 21:10",
    "carrierCode": "t9ORy5XKWJ",
    "carrierName": "EAxGvHunai",
    "stopStatus": "rjhpnYwRi1",
    "isLoaded": true,
    "dockId": "S6WikOw8rU",
    "appointmentRequired": true,
    "appointmentStartDttmLocal": "09-06-2022 21:10",
    "appointmentEndDttmLocal": "09-06-2022 21:10",
    "appointmentWindowType": "dFh8GzjE8a",
    "scheduledGateOutWindowType": "iNoQWla0Qm",
    "zoneCode": "ZgIXKlf1Ga",
    "geoRegion": "2NQ9pMbx32",
    "podNumber": "XWTbJDSB4f",
    "podReceivedDttmLocal": "09-06-2022 21:10",
    "spellName": "XnbeJlrryC",
    "transitTime": 422051328579,
    "transitTimeUOM": "tiQbSSZK_a",
    "inboundVesselName": "YkHrbhZg12",
    "inboundVoyageNumber": "aTbnHXCdOS",
    "inboundFlightNumber": "ybByTBbmbP",
    "inboundTrainNumber": "FZCZxZUhm1",
    "inboundTruckNumber": "VZSsLzbAKo",
    "outboundVesselName": "WL17NGXNn2",
    "outboundVoyageNumber": "Bmqd6ZpJSY",
    "outboundFlightNumber": "O7sWcn7pNU",
    "outboundTrainNumber": "_iHYSB595l",
    "outboundTruckNumber": "wOhOq7gqsF",
    "cutOffDttmLocal": "09-06-2022 21:10",
    "earlyReceiptDttmLocal": "09-06-2022 21:10",
    "stopReferenceNumber": "refNum",
```

```json
          "blumeEstimatedArrivalDttmLocal": "09-06-2022 21:10",
          "blumeEstimatedDepartureDttmLocal": "09-06-2022 21:10",
          "carrierEstimatedArrivalDttmLocal": "09-06-2022 21:10",
          "carrierEstimatedDepartureDttmLocal": "09-06-2022 21:10",
          "identifier": "234579036649894",
      }
  ],
  "shipmentReferences": [
      {
          "identifier": "645679036649894",
          "shipmentReferenceType": "MASTERSHIPMENTREFNUM",
          "shipmentReferenceValue": "76272468-0002"
      }
  ],
  "shipmentParties": [
      {
           "identifier": "9877678888899899",
          "partyType": "Bill-to",
          "address": {
            "addressLine1": "5515 SPALDING DRIVE",
            "city": "PEACHTREE CORNERS",
            "countryShort": "US",
            "postalCode": "30092",
            "stateShort": "GA"
          },
          "partyName": "CHR LLC",
          "partyCode": "2714351"
      }
  ],
  "shipmentNotes": [
      {
          "identifier": "987679036649894",
          "comments": "ri13F20eUO"
      }
  ],
  "shipmentCharges": [
      {
          "identifier": "689945676649894",
          "createdBy": "L3LIzGI9ri",
          "updatedBy": "vKrJo9Fzvy",
          "chargeCode": "DMyBIFeV3I",
          "chargeName": "IJz5BbBEKa",
          "amount": 285086458186,
          "currencyCode": "kTeAfuTCgw",
          "billTo": "6eWDTeOIdl",
          "comments": "ktwpUDighO",
          "isBillable": true,
```

```json
        "isInvoiced": true,
        "isChargeDeleted": false,
        "invoiceNumber": "W0dtl6bo2A",
        "isModifiable": true,
        "stopId": 1
      }
    ]
  }
}
```

View the Field Description *(on page 32)* section for additional information on the attributes that are present in the JSON.

# 5. Field Description

Attribute Names pertaining to date and time for example "createDttm" is represented as "MM-dd-yyyy HH:mm".

> ⚠ **Attention:** The field descriptions are for the reference purposes only.

The field descriptions for the attributes listed in the JSON code block are provided below:

**Table 3. Header API Tables**

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Cond | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| correlationId | String | Required | 20 | | Can be any value, like 111,123 | Correlation id is for debugging and log analysis | Used for internal Purpose |

## 5.1. Shipment Leg

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Cond ition | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| actualArrival | timestamp | Optional | | | | Actual arrival/Gate in of carrier | Format: MM-dd-yyyy HH:mm Example: 09-29-2022 12:34 |

| Attribute Name | Type | Require Optional Conditi Read Only | Max Leng | Condit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| actualDeparture | times | Optiona | | | | Actual arrival/Gate in of carrier | Format: MM-dd-yyyy HH:mm Example: 09-29-2 022 12:37 |
| agentCode | String | Optional | 20 | | | Code of the Agent | |
| agentName | Strin | Optiona | 20 | | | Name of the Agent | |
| amendmentStatus | String | Optional | 50 | | Amended by Motor Carrier | Internally calculated amendment status, if any critical fields are updated by Motor Carrier or Shipper. Not to be used in Create/Update APIs. | |
| | | | | | Amended by Origina tor | | |
| assetReservationExpi rationDate | DateTime | Optional | | | | Expiry date for asset reservation in Local Time zone | Format: MM-dd-yyyy HH:mm Example: 08-23-2 022 |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | 15:05 |
| assignedCarrierCode | String | Optional | 50 | | | Carrier assigned to a shipment | |
| assignedEquipmentType | String | Optional | 20 | | | Equipment type assigned to a carrier | |
| assignedServiceLevel | String | Optional | 20 | | | Service level assigned to a carrier | |
| assignedServiceLevelName | String | Optional | 20 | | | Service level Name assigned to a carrier | |
| billOfLadingNumber | String | Optional Required | 50 | For Import shipment type it is Required attribute . | | Bill of lading number | |
| billType | String | Optional | 20 | | | Bill type of a shipment | House Waybill, Master Waybill |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| bondedMove | Boolean | Optional | | | true/false | Bonded Move, Yes/No | |
| bookingNumber | String | Optional, Required | 50 | For Export shipment type it is Required attribute. | Generated from Booking | Booking number of Ocean/Air Shipment | |
| chargeableWeight UOM | String | Optional | 20 | | KG,LB | Weight UOM | 1000 LB |
| cogsAmount | Decimal | Optional | 12.2 | | | Amount for Cost of goods sold | Example: 2345.10 USD |
| cogsCurrencyCode | String | Optional | 20 | | Dollar, Pound, Euro | Currency | |
| completedOnDttmLocal | Datetime | Optional | | | | | Format: MM-dd-yyyy HH:mm Example: 10-01-2022 |

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | 03:05 |
| containerProgramC ode | String | Optiona | 50 | | | Program code of container – Mode = Rail | |
| createdDate | timestamp | Optional | | | | Audit field, system uses it to populate all the audit tables across various services. | Format: MM–dd– yyyy HH:mm Example: 10–01–2 022 03:05 |
| createdBy | String | Require | 50 | | | Audit field, system uses it to populate all the audit tables across various services. | |
| customAttributes | JSON | Optional | | | These additional attributes will be configu red by implemen tation team and string will be provided during | Array of Name, Value pairs of pre-configured custom attributes | |

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| | | | | | the implemen tation phase. | | |
| customerCode | String | Optiona | 50 | | | This field is used to create the customer and LSP partnership and provide the access to customer portal. | |
| customerName | String | Optional | 255 | | | Name of the customer | |
| designatedCarrierCode | String | Optiona | 255 | | | User preferred carrier code to the shipment | Designa ted Carrier Code tells system, to not look at contract managem ent while tendering the shipment. Source system already has identified the carrier. |

| Attribute Name | Type | Require Optional Condition Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| designatedEquipmentType | String | Optional | 20 | | | User preferred Equipment Type code to the shipment | |
| designatedMode | String | Optional | 255 | | | User preferred Mode to the shipment | |
| designatedServiceLevel | String | Optional | 255 | | Ex: FX_4day | User preferred service level on the shipment | |
| designatedServiceLevelName | | Optional | | | Ex: Fed Ex 4Day | User preferred service level name on the shipment | |
| destinationGeoRegion | String | Optional | 255 | | | Geo region of destination location | |
| destinationZoneCode | String | Optional | 20 | | | Zone code of destionation Location | |
| estimatedArrival | Timestamp | Optional | | | | Estimated arrival of carrier | Format: MM-dd-yyyy HH:mm Example: 12-14-2022 15:20 |
| estimatedDeparture | Time | Optional | | | | Estimated departure of carrier | Format: MM-dd-yyyy |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | HH:mm Example: 12-14-2022 15:20 |
| expirationDate | Datetime | Optional | | | | Expiry date and time of shipment in local time zone | Format: MM-dd-yyyy HH:mm Example: 12-14-2022 15:20 |
| freightDescription | String | Optional | 2000 | | | Description of freight | |
| houseWayBillNumber | String | Optional | 50 | | | House Way bill number of Ocean/Air shipment | |
| incoTermCode | String | Optional | 20 | | | Incoterm code for International shipment. | Incoterm drives some planning and routing decisions based on incoterm. |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| incoTermDesc | String | Optional | 50 | | CIF – Cost Insurance and Freight (insert named port of destination) | | |
| isBliResubmitted | Boole | Optional | 1 | True/False | | Flag to enable resubmit bill of lading button | |
| isDestinationTransit | Boolean | Optional | 1 | True/False | | Flag to set destination location is a transit location | |
| isGoodsStackable | Boole | Optional | 1 | True/False | | Flag to set goods can be stackable or not | |
| isHazmat | Boolean | Optional | 1 | True/False | | Flag to set shipment is hazmat or no | |
| isInsuranceRequired | Boole | Optional | 1 | True/False | | Flag to set if insurance is required for a shipment | |
| isOriginTransit | Boolean | Optional | 1 | True/False | | Flag to set origin location is a transit location | |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| isRailBillTriggered | Boolean | Optional | 1 | True/False | | Flag to indicate if Rail bill is triggered | |
| lastFreeDate | Datetime | Optional | | | | Last free date of a shipment in Local time zone | Format: MM-dd-yyyy HH:mm Example: 10-01-2022 03:05 |
| updatedTimestamp | timestamp | Optional | | | | Last updated shipment date and time for Audit | Format: MM-dd-yyyy HH:mm Example: 12-14-2022 15:20 |
| legSequence | bigint | Optional | | Ex: 1,2,3 | | Leg sequence of a shipment | |
| loadType | String | Optional | 20 | | | Load type of a shipment | FCL, LCL, LTL, FTL |
| masterShipmentNumber | String | Optional | 50 | | | Master Shipment number (E2E shipment number) | |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| masterWayBillNumber | String | Optional | 100 | | | Master way bill number of a shipment | |
| mode | String | Required | 50 | | | Assigned mode of a shipment | AIR, DRAY, RAIL, BARGE, FCL, LCL,LTL,PARCEL, RAIL, TL |
| modeName | String | Optional | 50 | | | Description of Mode | |
| moveType | String | Optional | 20 | | | Type of move | Cross Town, Destination Dray, Origin Dray |
| numOfPackages | bigint | Optional | 10 | | | 'Number of packages being shipped on the shipment | |
| numOfPackagesUOM | String | Optional | 100 | | Each, Case, Pallet, Box | Package UOM | 10 Case |
| originGeoRegion | String | Optional | 50 | | | Geo region of Origin location | |
| originZoneCode | String | Optional | 20 | | | Zone code of Origin Location | |
| originatorCode | String | Required | 50 | | | Shipper Office code | |

| Attribute Name | Type | Require Optional Conditio Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| originatorName | String | Optional | 100 | | | Shipper Office Name | |
| packageType | String | Optional | 20 | | | Type of Package | BAG, CASE, DRUM,PIE CES, ROLLs, SACK |
| paymentNumber | String | Optional | 200 | | | Payment Type | |
| paymentTerm | String | Optional | 20 | | Example: Prepaid, Collect and Third Party' | Payment Terms between the originator and carrier | |
| plannedDeliveryDate | Datetime | Optional | | | | Planned Delivery Date and time of a carrier in Local time zone (Calculated by Time feasibility) | Format: MM-dd-yyyy HH:mm Example: 12-14-2 022 15:20 |
| plannedPickupDate | Date time | Optional | | | | Planned Pick up Date and time of a carrier in Local time zone (Calculated by Time feasibility) | Format: MM-dd-yyyy HH:mm Example: 12-14-2 022 |

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | 15:20 |
| portOfDischarge | String | Optional | 50 | | | Name of Port of Discharge | |
| portOfLoading | String | Optiona | 50 | | | Name of Port of Arrival | |
| primaryCarrier | String | Optional | 100 | | | Primary Carrier of transportation that is associated to the master shipment | |
| primaryMode | String | Optiona | 50 | | | Primary Mode of transportation that is associated to the master shipment | |
| proNumber | String | Optional | 50 | | | Pro Number , used for LTL mode | |
| productClass | String | Optiona | 50 | | | Product class of goods being shipped | |
| protectionLevel | String | Optional | 50 | | | 'Protection Level of the goods being shipped | |
| quantity | Decir | Optiona | 12,2 | | | 'Quantity of the goods on the shipment' | |

| Attribute Name | Type | Require Optional Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| quantityUOM | String | Optional | 20 | | Example, Units, cases | ok. | BOX, CARTON, PIECES |
| receiverCode | String | Optional | 20 | | | Code of receiver of goods | |
| receiverName | String | Optional | 250 | | | Name of receiver of goods | |
| representativeCarrie rCode | String | Optional | 255 | | | Representative carrier set in contract management | |
| shipmentLegNumber | String | Required | 100 | | | Shipment number of leg, if not provided system will generate | |
| shipmentNumber | String | Optional | 100 | | | Shipment number of master shipment / Parent shipment | |
| shipmentType | String | Required | 20 | | Domestic ,Import,Ex port | Shipment type | Domest ic, Export, Import |
| status | String | Optional | 100 | | | Status of Shipment | Tender ed, Unassign ed, Active |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| totalDistance | Decimal | Optional | 12,2 | | | 'Total distance travelled by the shipment' | 100 MILES |
| totalDistanceUOM | String | Optional | 20 | | | | MILES |
| totalDurationInMin | Decimal | Optional | 20,2 | | | Total duration of the shipment | |
| trainNumber | String | Optional | 50 | | | Train # if the mode is RAIL | |
| tripType | String | Required | 50 | | OneWay, RoundTrip | 'Indicates whether the trip is a one way or round trip | OneWay, RoundTrip |
| updatedBy | String | Optional Required | 50 | Create – Optional Update – Required | | Last Updated By | |
| vendorCode | String | Optional | 20 | | | 'Code of the Supplier who is shipping the products on the shipment' | |

| Attribute Name | Type | Require Optional Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| vendorName | String | Optiona | 255 | | | Name of the Supplier who is shipping the products on the shipment | |
| volume | Decimal | Optional | 12,2 | | | Volume of the goods on the shipment | |
| volumeUOM | String | Optiona | 20 | | | Unit of measurement for volume | CBC, CBF, CBI, CBM, CF, MTQ |
| volumetricWeight | Decimal | Optional | 12,2 | | | Theoretical weight computed by dividing actual weight with the dimensional factor | |
| volumetricWeight UOM | String | Optiona | 20 | | | Unit of measurement for volumetric weight | CBC, CBF, CBI, CBM, CF, MTQ |
| weight | Decimal | Optional | 12,2 | | | Weight of the Shipment | |
| weightUOM | String | Optiona | 20 | | KG, LB | Weight UOM | KG, LB |
| workOrderCreatedD ate | Datetime | Optional | | | | Work order create date time in Local time zone (When tendered) | Format: MM–dd– yyyy HH:mm Example: 12–14–2 022 |

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | 15:20 |
| workOrderNumber | String | Optiona | 50 | | | Work Order number (Generated when tender to carrier | |
| workOrderStatus | String | Optional | | | | Status of work order | |

## 5.2. Shipment Stops

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| actualArrivalDate | datetime | Optional | | | | Actual Arrival Local Date and Time of the shipment. | Format: MM-dd-yyyy HH:mm Example: 12-14-2 O22 15:20 |
| actualDepartureDate | datet | Optiona | | | | Actual Departure Local Date and Time of the Shipment. | Format: MM-dd-yyyy HH:mm |

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | Example: 12-14-2 022

15:20 |
| addressLine1 | string | Required | 200 | | | Address Line 1 of shipment stop | |
| addressLine2 | string | Optiona | 100 | | | Address Line 2 of shipment stop | |
| city | string | Required | 50 | | | City of shipment stop | |
| contactName | string | Optiona | 50 | | | Contact Name of shipment stop | |
| countryShort | string | Required | 20 | | | Country Name of shipment stop | |
| countryLong | string | Optiona | 100 | | | Long country of shipment stop | |
| createdTimestamp | timestamp | Optional | 3 | | yy yy-MM-dd'T'HH:m m:ss.SSS 'Z' | Shipment creation date and time . | Format: MM-dd-yyyy

HH:mm

Example: 12-14-2 022

15:20 |

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| createdBy | string | Optiona | 100 | | | Created By Name | |
| fax | string | Optiona | 20 | | | fax number of shipment | |
| updatedTimestamp | times | Optiona | 3 | | yy yy-MM- dd'T'HH:m m:ss.SSS 'Z' | Date and time for the last shipment details update. | Format: MM-dd- yyyy HH:mm Example: 12-14-2 022 15:20 |
| latitude | decima | Optiona | 20,5 | | | Latitude coordinates of location | |
| locationCode | string | Optiona | 50 | | | Location Code of Shipment | |
| locationName | string | Optiona | 200 | | | Location Name of Shipment | |
| locationType | string | Optiona | 50 | | | Location Type | AIRPORT, AIR CARGO FACILITY, CROSS DOCK, DC, LTL TERMINA L,PORT |
| longitude | decima | Optiona | 20,5 | | | Longitude coordinates of location | |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| plusCode | string | Optional | 20 | | | Plus Code of location | |
| postalCode | string | Required | 20 | | | Postal code of location | |
| stateShort | string | Required | 20 | | | State name of shipment party | |
| stateLong | string | Optional | 80 | | | Long state name of shipment party | |
| telephone | string | Optional | 20 | | | Telephone number of shipment party | |
| timeZone | string | Optional | 100 | | | Time Zone of the location | |
| unlocode | string | Optional | 50 | | | United Nations Code for Trade and Transport Locations of location . | |
| updatedBy | string | Optional | 100 | | | Last Updated By Name | |
| appointmentEndDate | date | Optional | | | | Local Appointment End Date and Time | Format: MM-dd-yyyy<br><br>HH:mm<br><br>Example: 12-14-2022<br><br>15:20 |

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| appointmentRequi red | Boolean | Optional | 1 | | T/Y | Is the Appointment required | |
| appointmentStartD ate | date | Optiona | | | | Local Appointment Start Date and Time | Format: MM-dd-yyyy HH:mm Example: 12-14-2 022 15:20 |
| appointmentWindow Type | string | Optional | 20 | | At,Betwe en,After, Before. | Type of Appointment Window | |
| blumeEstimatedArriv alDate | date | Optiona | | | | Blume Platform's Local Estimated Arrival Date and Time. | Format: MM-dd-yyyy HH:mm Example: 12-14-2 022 15:20 |
| blumeEstimatedDep artureDate | datetime | Optional | | | | Blume Platform's Local Estimated Departure Date and Time | Format: MM-dd-yyyy HH:mm |

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | Example: 12-14-2 022 15:20 |
| carrierCode | string | Optiona | 50 | | | Carrier Code of the Carrier associated with the Shipment. | |
| carrierEstimatedArriv alDate | datetime | Optional | | | | Carrier's Local Estimated Arrival Date and Time. | Format: MM-dd- yyyy HH:mm Example: 12-14-2 022 15:20 |
| carrierName | string | Optiona | 50 | | | Name of the Carrier | |
| comments | string | Optional | 4000 | | | Any additional information related to the shipment. | |
| distance | decir | Optiona | 25,15 | | | Distance of the shipment legs | |
| distanceUOM | string | Optional | 20 | | | Distance Unit of Measure | 250 KM |
| dockId | string | Optiona | 50 | | | Docking Port ID | |

| Attribute Name | Type | Require Optional Condition Read Only | Max Leng | Condit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| durationInMinutes | decimal | Optional | 25,15 | | | Total Duration in minutes | |
| expectedDeliveryEndDate | datet | Optional | | | | Local Expected Delivery End Date and Time | Format: MM–dd–yyyy HH:mm Example: 12–14–2 O22 15:2O |
| expectedDeliveryStartDate | datetime | Optional | | | | Local Expected Delivery Start Date and Time | Format: MM–dd–yyyy HH:mm Example: 12–14–2 O22 15:2O |
| expectedPickupEndDate | datet | Optional | | | | Local Expected Pickup End Date and Time | Format: MM–dd–yyyy HH:mm Example: 12–14–2 O22 15:2O |

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| expectedPickupStartDate | datetime | Optional | | | | Local Expected Pickup Start Date and Time | Format: MM-dd-yyyy HH:mm Example: 12-14-2 022 15:20 |
| gateInActualReasonCode | string | Optiona | 20 | | | Gate In Actual Reason Code | |
| gateInActualReasonDescription | string | Optional | 50 | | | Gate In Actual Reason Description | |
| gateOutActualReasonCode | string | Optiona | 20 | | | Gate Out Actual Reason Code | |
| gateOutActualReasonDescription | string | Optional | 50 | | | Gate Out Actual Reason Description | |
| geoRegion | string | Optiona | 50 | | | Geographical Region | |
| isLoaded | Boolean | Optional | | | Y/N | Loaded Move or Empty Move of the shipment leg. | |
| mode | string | Optiona | | | | Type of Mode for the Shipment | |
| originatorCode | string | Optional | 50 | | | An identifier for the Originator | |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | office that is managing the shipment | |
| plannedArrivalEndDate | datet | Optiona | | | | Local Planned Arrival Date and Time | Format: MM-dd-yyyy HH:mm Example: 12-14-2022 15:20 |
| plannedArrivalStartDate | datetime | Required | | | | Local Planned Arrival Start Date and Time | Format: MM-dd-yyyy HH:mm Example: 12-14-2022 15:20 |
| plannedArrivalWindowType | string | Optiona | 20 | | At, Between, After, Before | Type of Planned Arrival Window | After, At, Before, Between |
| plannedDepartureEndDate | datetime | Optional | | | | Local Planned Departure End Date and Time | Format: MM-dd-yyyy HH:mm |

| Attribute Name | Type | Require Optional Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | Example: 12–14–2 O22 15:2O |
| plannedDepartureSt artDate | datet | Optiona | | | | Local Planned Departure Start Date and TimeplannedD epartureStartD ttmLocal | Format: MM–dd– yyyy HH:mm Example: 12–14–2 O22 15:2O |
| plannedDepartureWi ndowType | string | Optional | 2O | | At, Between, After, Before | Type of Planned Departure WindowplanneddDepartureWin dowType | After, At, Before, Between |
| podNumber | string | Optiona | 5O | | | Proof of delivery number | |
| podReceivedDate | datetime | Optional | | | | Local Proof of delivery received date and time | Format: MM–dd– yyyy HH:mm Example: 12–14–2 O22 |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | 15:20 |
| spellName | string | Optional | 50 | | | Terminal name for Rail shipments | |
| stopAction | string | Required | 50 | | LiveLoad, LiveUnload, Drop and Pick, Pickup, Delivery , Return, Customs, Departure, Arrival | Stop the activity happening on the shipment | |
| stopNumber | bigint | Required | 2 | | | Number of stops on the shipment leg | |
| stopReferenceNumber | string | Optional | 50 | | | Reference Number for the Stop | |
| stopStatus | string | Optional | 20 | | | Stop Status of the shipment | |
| updatedBy | string | Optional | 50 | | | Last Updated By Name | |
| zoneCode | string | Optional | 20 | | | Zone Code of the Location | |

## 5.3. Shipment Equipments

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| altitude | Decimal | Optional | 12,2 | | | Altitude the container can be moved. | |
| altitudeUOM | String | Optional | 20 | | CM,FT,IN,M | UOM of Altitude | CM,FT,IN,M |
| certifiedWeight | Decimal | Optional | 20,2 | | | Certified weight of the container. | |
| certifiedWeightUOM | String | Optional | 20 | | KG,LB | Sets weight UOM | KG,LB |
| chassisColor | String | Optional | 20 | | | Informational field, to indicate the chassis colour. | |
| chassisNumber | String | Optional | 50 | | | Chassis number attached to a container. | |
| chassisProvider | String | Optional | 50 | | | Chassis Provider, pre configured as a partner in Blume Organization | |
| co2 | Decimal | Optional | 20,2 | | | Carbon Dioxide level of a container. | |
| comments | String | Optional | 500 | | | Any comments to be associated to container. | |

| Attribute Name | Type | Required Optional Condition Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| commodity | String | Optional | 50 | | | Commodity description of a container | |
| commodityGoodsNumber | String | Optional | 50 | | | same commodity code need to be provided on the contract management, if the rating is commodity specific. | |
| createdTimestamp | times | Optional | | | | Date and Time container was created. | Format: MM-dd-yyyy HH:mm Example: 12-14-2022 15:20 |
| createdBy | String | Optional | 50 | | | container created source | |
| createdSourceType | String | Optional | 20 | | | container created source Type | |
| dimensionUOM | String | Optional | 20 | | CM,FT,IN,M | UOM of height, weight, width | CM,FT,IN,M |
| dimensionUOMName | String | Optional | 20 | | CM,FT,IN,M | Description of dimension UOM | CM,FT,IN,M |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| equipmentClass | String | Optional | 50 | | Trailer, Chassis, Freight Container | Class container belongs to | |
| equipmentHeight | Decimal | Optional | 20,2 | | | Height of the container. | 23.55 FT<br><br>**Note:** Only two decimals are allowed. |
| equipmentLength | Decimal | Optional | 20,2 | | | Length of the container | 23.55 FT<br><br>**Note:** Only two decim |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | 📝 als are all o w ed. |
| equipmentNumber | String | Required | 50 | Required for Yard Visibility | Assigned by Street Turn or Motor Carrier during empty pickup | Sets container number | |
| equipmentType | String | Required | 20 | | Specify UCU (Unspecified container unit) if unknown. | Sets standard container code like 4OST etc. | 22UP-20' Hardtop, 2528-Genset Underslung, 25GP-HIGH CUBE CONT |
| equipmentTypeCodeDesc | String | Optional | 50 | | | Code of container Type | |
| equipmentTypeName | String | Optional | 20 | | | Description of container Type. | |
| equipmentWidth | Decir | Optional | 20,2 | | | Width of the container. | 23.55 FT  📝 N o te: O |

| Attribute Name | Type | Require Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | nly two decimals are allowed. |
| gensetNumber | String | Optional | 50 | | | Sets genset number of the container. | |
| grossVolume | Decir | Optiona | 20,2 | | | Sets gross volume of the container. | 23.55 MTQ  Note: Only two decimals are allo o |

| Attribute Name | Type | Required/ Optional/ Conditional/ Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | 📝 wed. |
| grossVolumeUOM | String | Optional | 20 | | CR,MTQ,CF,FTQ | Sets volume UOM of the container. | CR,MTQ,CF,FTQ |
| grossWeight | Decir | Optiona | 20,2 | | | Sets gross weight of the container. | 23.55 KG 📝 Note: Only two decimals are allowed. |
| grossWeightUOM | String | Optional | 20 | | KG,LB | Sets weight UOM | KG,LB |
| humidity | Decir | Optiona | 20,2 | | | Humidity of the container. | 23.55 📝 Note: Only |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | ✏️ two decimals are allowed. |
| isChassisLeased | Boolean | Optional | | | true/false | indicates if the chassis is self leased. | |
| isEmpty | Boolean | Optional | | | true/false | indicates if the container can be stacked. | |
| isEquipmentStackable | Boolean | Optional | | | true/false | indicates if the container is empty. | |
| isOverWeight | Boolean | Optional | | | true/false | indicates if the container is overweight. | |
| isRefrigerated | Boolean | Optional | | | true/false | indicates if the container is refrigerated. | |
| updatedTimestamp | timestamp | Optional | | | | Last updated date and time. | |
| maxAltitude | Decimal | Optional | 20,2 | | | Maximum Altitude a container can be moved. | 23.55 M ✏️ Note: |

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | ✏️ Only two d e ci m als are all o w ed. |
| maxAltitudeUOM | String | Optiona | 20 | | CM,FT,I N,M | Attitude UOM | CM,FT,I N,M |
| maxPackages | Bigint | Optional | 10 | | | Maximum packages in an container. | |
| maxPackagesUOM | String | Optiona | 20 | | | packages UOM | 10 Case |
| maxTemperature | Decimal | Optional | 20,2 | | | Maximum temp a container can be moved. | 23.55 C ✏️ N o te: O nly two d e ci m als are all |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | o w ed. |
| maxTemperature UOM | String | Optional | 20 | | C, F | Temp UOM | C, F |
| maxVolume | Decimal | Optional | 20,2 | | | Maximum volume of a container. | |
| maxVolumeUOM | String | Optional | 20 | | Cubic feet, cubic meter | Volume UOM | Cubic feet, cubic meter |
| maxWeight | Decimal | Optional | 20,2 | | | Maximum weight of a container. | 23.55 LB<br><br>**Note:** Only two decimals are allowed. |
| maxWeightUOM | String | Optional | 20 | | KG,LB | Weight UOM | KG,LB |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| minTemperature | Decimal | Optional | 20,2 | | | Minimum temp a container can be moved. | 23.55 F ✏️ **Note:** Only two decimals are allowed. |
| minTemperature UOM | String | Optional | 20 | | C, F | Temp UOM | C, F |
| o2 | Decimal | Optional | 20,2 | | | Oxygen Level of Container | 23.55 ✏️ **Note:** Only two decimals are |

| Attribute Name | Type | Require Optional Condition Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | 📝 allowed. |
| originatorCode | String | Optional | 20 | | | Shipper Office Code | |
| packageType | String | Optional | 100 | | | Sets type of the package. | |
| packages | Bigint | Optional | 10 | | | Number of packages | |
| releaseNumber | String | Optional | 50 | | | Release number of a container. | |
| reservationNumber | String | Optional | 50 | | | Reservation number of a container | |
| sealNumber | String | Optional | 50 | | | Seal Number of a container | |
| setPointTemperature | Decimal | Optional | 20,2 | | | Set Point temp a container can be moved. | 23.55 F 📝 Note: Only two decimals are all |

| Attribute Name | Type | Require Optional Condition Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | owed. |
| setPointTemperatureUOM | String | Optional | 20 | | C, F | Temp UOM | C, F |
| tareWeight | Decim | Optiona | 20,2 | | | Weight of empty container. | 23.55 KG **Note:** Only two decimals are allowed. |
| tareWeightUOM | String | Optional | 20 | | KG,LB | Weight UOM | KG,LB |
| updatedBy | String | Optiona | 50 | | | Last updated by source | |
| vgmMethod | String | Optional | 20 | | | Method to verify gross mass. | |
| vgmWeight | Decim | Optiona | 20,2 | | | Weight after gross mass if verified. | 23.55 LB |

| Attribute Name | Type | Require/Optional/Conditi/Read Only | Max Leng | Cond ition | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | Note: Only two decimals are allowed. |
| vgmWeightUOM | String | Optional | 20 | | KG,LB | Weight UOM | KG,LB |

## 5.4. Shipment Notes/Comments

| Attribute Name | Type | Require/Optional/Conditi/Read Only | Max Leng | Cond ition | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| comments | String | Optional | 4000 | | | Comments provided on the shipment. | |
| createdTimestamp | times | Optiona | 3 | | | Created Date and Time | Format: MM-dd-yyyy |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | HH:mm  Example: 12-14-2 022  15:20 |
| createdBy | String | Optional | 50 | | | Shipment Created by Name | |
| updatedTimeStamp | times | Optiona | 3 | | | Last Updated Date and Time | Format: MM-dd-yyyy  HH:mm  Example: 12-14-2 022  15:20 |
| originatorCode | String | Optional | 20 | | | An identifier for the Originator office that is managing the shipment. | |
| party | String | Optiona | 50 | | | Shipment Party Name | |
| shipmentType | String | Optional | 50 | | Domest ic,  Import, Ex | Type of shipment | Domest ic,  Import, Ex |

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| | | | | | port | | port |
| updatedBy | String | Optiona | 50 | | | Shipment last updated by name. | |

## 5.5. Shipment Parties

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| address | String | Optional | 200 | | | Address of shipment party. | |
| addressLine1 | String | Required | 200 | | | Address Line 1 of shipment party. | |
| addressLine2 | String | Optional | 100 | | | Address Line 2 of shipment party. | |
| city | String | Required | 50 | | | City of shipment party. | |
| contactName | String | Optional | 250 | | | Contact Name of shipment party. | |
| countryShort | String | Required | 50 | | Ex: US | Country Name of shipment party. | |
| countryLong | String | Optional | 250 | | United States | Full Country Name | |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| createdDate | Time | Required | 3 | | | Created Date and Time | Format: MM-dd-yyyy HH:mm Example: 12-14-2022 15:20 |
| createdBy | String | Required | 50 | | | Created By Name | |
| fax | String | Optional | 20 | | | Fax number of shipment party | |
| lastUpdatedDate | timestamp | Optional | 3 | | | Last Updated Date and Time | Format: MM-dd-yyyy HH:mm Example: 12-14-2022 15:20 |
| latitude | decimal | Optional | 20,5 | | | Latitude coordinates of location | |
| locationCode | String | Optional | 50 | | | Location Code of shipment | |
| locationName | String | Optional | 200 | | | Location Code of shipment | |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| locationType | String | Optional | 50 | | | Location Type of shipment | |
| locationUUID | String | Optional | 50 | | | Location Universally Unique Identifier Number | |
| longitude | decimal | Optional | 20, 5 | | | Longitude coordinates of location | |
| plusCode | String | Optional | 20 | | | Plus Code of location | |
| postalCode | String | Required | 20 | | | Postal code of location | |
| stateShort | String | Required | 20 | | | State name of shipment party | |
| stateLong | String | Optional | 80 | | | Long state name of shipment party | |
| telephone | String | Optional | 20 | | | Telephone number of shipment party | |
| timeZone | String | Optional | 100 | | | Time Zone of the location | |
| unlocode | String | Optional | 50 | | | United Nations Code for Trade and Transport Locations of location. | |
| updatedBy | String | Optional | 50 | | | Last Updated By Name | |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| dunsNumber | String | Optional | 50 | | | Data Universal Numbering System Number of shipment party. | |
| email | String | Optional | 80 | | | Email address of shipment party. | |
| orgUUID | String | Optional | 20 | | | Organization Universally Unique Identifier number. | |
| orgUUIDStatus | String | Optional | 20 | | | Organization Universally Unique Identifier number Status. | |
| originatorCode | String | Optional | 20 | | | An identifier for the Originator office that is managing the shipment. | |
| partyCode | String | Optional | 50 | | | Shipment Party Code | |
| partyName | String | Optional | 100 | | | Shipment Party Name | |
| partyType | String | Optional | 50 | | | Shipment Party Type | |

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| phoneExtension | String | Optiona | 20 | | | Extension number of shipment party. | |
| phoneNumber | String | Optional | 20 | | | Phone number of shipment party. | |

## 5.6. Shipment References

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| createdDate | Timestamp | Required | 3 | | yy yy-MM-dd'T'HH:m m:ss.SSS 'Z' | Shipment creation date and time | Format: MM-dd-yyyy HH:mm Example: 12-14-2 O22 15:2O |
| createdBy | String | Required | 50 | | | Name or Id of the person who added the comments. | |
| lastUpdatedDate | Timestamp | Optional | 3 | | | Date and time for the last shipment details update. | Format: MM-dd-yyyy HH:mm |

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | | Example: 12-14-2 022 15:20 |
| orignatorCode | String | Optiona | 20 | | | An identifier for the Originator office that is managing the shipment. | |
| receiverCode | String | Optional | 20 | | | Designated Carrier Code. | |
| shipmentReferenceT ype | String | Optiona | 50 | | SHIPMEN TREFN UM, PICKUPRE FERENCE NUMBER | Reference type of a shipment. | |
| shipmentReferenceV alue | String | Optional | 600 | | CUSTOM ERREF NUM | The Reference value for a Shipment. | |

## 5.7. Shipment Charges

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| amount | decimal | Optional | 12,2 | | | Base charge amount | |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| approvalStatus | string | Optional | 20 | | | Sets status of the charge. | |
| billTo | string | Optional | 250 | | Ex. Carrier, LSP, Supplier | Bill to Party Value | |
| chargeBasis | string | Optional | 20 | | 'Flat Charge, Per UOM, Percentage' | Charge Basis of the Shipment. | |
| chargeBasisUOM | string | Optional | 20 | | 'Mile, KM, Pound, Base Charge', | Charge Basis of the Shipment in Unit of measure. | 'Mile, KM, Pound, Base Charge', |
| chargeBasisValue | decimal | Optional | 12,2 | | '1000, 12000' | Charge Basis value of the shipment. | |
| chargeCode | String | Required | 20 | | 'Base Dray, Demurrage, Toll Cost, Fuel Surcharge. | Charge Code of the shipment. | |
| chargeGroup | String | Optional | 20 | | 'Base Charge, Accessorial, Fuel Surcharge, Asset Charge. | Charge Group of the shipment | |
| chargeName | String | Optional | 50 | | | Name of the Charge | |

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| chargeStatus | String | Optiona | 20 | | | Status of the Charge | |
| comments | String | Optional | 2000 | | | Comments regarding the Charge . | |
| createdTimestamp | times | Optiona | | | | Created Date and Time | Format: MM–dd– yyyy HH:mm Example: 12–14–2 022 15:20 |
| createdBy | String | Optional | 50 | | | Name or ID charge was created by | |
| currencyCode | String | Optiona | 20 | | | Currency Code of the charge. | |
| invoiceNumber | String | Optional | 50 | | | Number of the Invoice. | |
| invoiceableDate | datet | Optiona | | | | The Invoiceable date. | Format: MM–dd– yyyy HH:mm Example: 12–14–2 022 15:20 |

| Attribute Name | Type | Require Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| isBillable | Boolean | Optional | | | true/false | Charge can be billable or not | |
| isInvoiced | Boolean | Optional | | | true/false | Charge can be invoiced or not | |
| isModifiable | Boolean | Optional | | | true/false | Charge can be modified or not | |
| updatedTimestamp | timestamp | Required | | | | Last updated date and time | |
| originatorCode | String | Optional | 20 | | | Originator Code | |
| partnerCode | String | Optional | 50 | | | For Carrier related charges, it will be carrier code. For charges related to other service providers, it will the respective code of the service provider. If the charges are related to Customer, it will be the customer code. | |
| payableInvoiceNumber | String | Optional | 50 | | | Payable Invoice Number | |
| ratePerUnitBasisValue | decimal | Optional | 12,2 | | | Rate per Unit Basis Value | |

| Attribute Name | Type | Require Optiona Conditi Read Only | Max Leng | Con dit ion | Values | Description | Additio nal Notes |
|---|---|---|---|---|---|---|---|
| revenue | decimal | Optional | 12,2 | | | Revenue incurred from charge. | |
| updatedBy | String | Optiona | 50 | | | Name or ID the charge | |
| woChargeId | String | Optional | 50 | | | Work Order Charge ID | |

## 5.8. Freight Line Items

| Attri bute Name | Type | Requir ed/Opti onal/Co ndition al/Read Only | Max Le ngth | Cond ition | Values | Descri ption | Addit ional Notes |
|---|---|---|---|---|---|---|---|
| commod ity | String | Optional | 100 | | | Commod ity descript ion of shipme nt. | |
| create dBy | String | Required | 50 | | | Freight created by | |
| itemN ame | String | Optional | 50 | | | Name of the Freight item | |
| itemNum ber | bigint | Optional | 10 | | | Number of the Freight item. | |

| Attribute Name | Type | Required/Optional/Conditional/Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| lastUpdateDttm | timestamp | Optional | 3 | | yyyy-MM-dd'T'HH:mm:ss.SSS'Z' | Date and time for the last freight line item updated. | |
| originatorCode | String | Optional | 20 | | | An identifier for the Originator office that is managing the shipment. | |
| purchaseOrderNumber | String | Optional | 50 | | | Number of the Purchase Order. | |
| quantity | Decimal | Optional | 12,2 | | | Quantity of Freight line items. | |
| quantityUOM | String | Optional | 20 | | | The unit of freight line item that is managed. | |
| uniqueIdenfier | bigint | Optional | 50 | | | Unique identification number | |

| Attribute Name | Type | Required/Optional/Conditional/Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| | | | | | | of the freight line item. | |
| updateBy | String | Optional | 50 | | | Freight line item updated by. | |

## 5.9. Master Data

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| equipmentType | string | Required | 20 | | Specify UCU (Unspecified container unit) if unknown. | Sets standard container code like 40ST etc. | 22UP-20' Hardtop, 2528-Genset Underslung, 25GP-HIGH CUBE CONT |
| mode | string | Optional | 50 | | | Assigned mode of a shipment | AIR, DRAY, RAIL, BARGE, FCL, LCL,LTL, PARCEL, RAIL, TL |

| Attribute Name | Type | Required Optional Conditional Read Only | Max Length | Condition | Values | Description | Additional Notes |
|---|---|---|---|---|---|---|---|
| shipmentType | string | Required | 20 | | Domestic ,Import, Export | Shipment Type | Domestic ,Import, Export |
| party | string | Optional | 50 | | | Shipment Party Name | |
| address | string | Optional | 200 | | | Address of shipment party. | |
| tripType | decin | Required | 50 | | OneWay, RoundTrip | Indicates whether the trip is a one way or round trip | OneWay, RoundTrip |
| stopAction | String | Required | 50 | | LiveLoad, Live, Unload, Drop and Pick, Pickup, Delivery , Return,Customs, Departure, Arrival | Stop the activity happening on the shipment | |

# 6. Error Codes

**Table 4. Error Codes**

| Error Code | Error Description |
|---|---|
| BO312021 | **Content Errors**: Invalid originator code supplied. |
| BO313001 | **Missing Data Errors**: Shipment leg number and originator code are required. |
| BO304002 | **Logic Errors**: No records found for supplied input. |
| BO309001 | **Internal Errors**: There is a problem processing your request. Please retry later or contact support. |
| BO312041 | **Content Errors**: Country code cannot be more than two characters and in upper case. Example: US, CA. |
| BO312042 | **Content Errors**: Minimum 2 stops are required. |
| BO312052 | **Content Errors**: Origin and Destination is not covered under the contract. |
| BO312079 | **Content Error**: Stop Number cannot be Zero. |

# 7. Appendix

Refer to your customer specific data requirements to ensure you are entering all information requested by your customer.

If you need a copy of your customer data requirements please contact Blume Global Support at support@blumeglobal.com.