

# Work Order Restful API Documentation

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## 1. Change Control

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

**Table 1. Change Control Table**

Ver sion	Date	Author	Changes	Change Status
1.0	13/01/2023		CarrierGo API Documentation.	Publis hed

**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. CarrierGo API Integration Guide

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

This document outlines the Application Programming Interfaces (APIs) connected to the Blume CarrierGo solution. The CarrierGo API provides a set of methods or functions that can be called by the requesting application to perform specific actions, such as getting work orders, and creating, deleting, canceling, and updating work orders.

### 2.1. CarrierGo RESTful API

The document contains the following sections

<p><a href="#">Introduction (on page 6)</a></p> <p>The primary audience for this document includes internal developers and partner developers who will integrate CarrierGo 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.</p>	<p><a href="#">List of the Services (on page 8)</a></p> <ul style="list-style-type: none"> <li>• <a href="#">Create Work Order (on page 10)</a></li> <li>• <a href="#">Cancel Work Order (on page 25)</a></li> <li>• <a href="#">Get Work Order (on page 25)</a></li> <li>• <a href="#">Update Work Order (on page 29)</a></li> <li>• <a href="#">Add Comment (on page 32)</a></li> <li>• <a href="#">Approve Amendment By Originator (on page 33)</a></li> <li>• <a href="#">Approve Amendment By Receiver (on page 33)</a></li> <li>• <a href="#">Decline Amendment By Originator (on page 34)</a></li> <li>• <a href="#">Decline Amendment By Receiver (on page 34)</a></li> <li>• <a href="#">Actual Appointment By Receiver (on page 35)</a></li> </ul>
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	<ul style="list-style-type: none"><li>• <a href="#">Schedule Appointment By Receiver (on page 37)</a></li><li>• <a href="#">Create and Send Invoice By Receiver (on page 38)</a></li></ul>
<a href="#">Field Description (on page 41)</a>  This section provides a list of attributes that appear with the documentation.	<a href="#">Error Codes (on page 82)</a>  This section provides a list of common error codes that appear with the documentation.

## 2.2. Where to Start

We strongly recommend you start with the [Introduction \(on page 6\)](#) to learn the structure of the CarrierGo RESTful API.

## 3. Introduction

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

The CarrierGo API provides a set of methods or functions that can be called by the requesting application to perform specific actions, such as creating, deleting, canceling, and updating work orders.

### 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:

Service Name	URI	Type	Description	Input	Output
Create Work Order	https://<env>.blumesolutions.com/dispatchmanager/dmsservices/workorders/v1/create	POST	Create Work Order	Work Order Json	Work Order number with status of Success or Failure
Cancel Work Order	https://<env>.blumesolutions.com/dispatchmanager/dmsservices/workorders/v1/cancel	POST	Cancel Work Order	Work Order Json	Work Order number with status of Success or Failure
Get Work Order	https://<env>.blumesolutions.com/dispatchmanager/dmsservices/workorders/v1/getWorkOrder	POST	Get a Work Order based on the Originator Code,ReceiverCode and WorkOrder Number.	Search Criteria	Get Work Order details for provided Work Order number
Update Work Order	https://<env>.blumesolutions.com/dispatchmanager/dmsservices/workorders/v1/update	PUT	Update Work Order	Work Order Json	Work Order number with status of Success or Failure
Add Comments	https://<env>.blumesolutions.com/dispatchmanager/dmsservices/workorders/v1/updatecomments	PUT	Add Comment	Work Order Json	Work Order number with status



Service Name	URI	Type	Description	Input	Output
					of Success or Failure
Approve Amendm ent By Originator	https://<env>.blumesolutions.com/dispatchmanager/dmsservices/workorders/v2/amendments/approveByOriginator	POST	Approve Amendm ent By Originator	Work Order Json	Work Order number with status of Success or Failure
Approve Amendm ent By Receiver	https://<env>.blumesolutions.com/dispatchmanager/dmsservices/workorders/v2/amendments/approveByReceiver	POST	Approve Amendm ent By Receiver	Work Order Json	Work Order number with status of Success or Failure
Decline Amendm ent By Originator	https://<env>.blumesolutions.com/dispatchmanager/dmsservices/workorders/v2/amendments/declineByOriginator	POST	Decline Amendm ent By Originator	Work Order Json	Work Order number with status of Success or Failure
Decline Amendm ent By Receiver	https://<env>.blumesolutions.com/dispatchmanager/dmsservices/workorders/v2/amendments/declineByReceiver	POST	Decline Amendm ent By Receiver	Work Order Json	Work Order number with status of Success or Failure
Actual Appointment By Receiver	https://<env>.blumesolutions.com/dispatchmanager/dmsservices/workorders/v1/actualAppointment	POST	Actual Appointment By Receiver	Work Order Json	Work Order number with status of Success or Failure
Schedule Appointment By Receiver	https://<env>.blumesolutions.com/dispatchmanager/dmsservices/workorders/v1/scheduledAppointment	POST	Schedule Appointment By Receiver	Work Order Json	Work Order number with status

Service Name	URI	Type	Description	Input	Output
					of Success or Failure
Create and Send Invoice By Receiver	https://<env>.blumesolutions.com/dispatchmanager/dmsservices/workorders/v1/createSendInvoice	POST	Create and Send Invoice By Receiver	Work Order Json	Work Order number with status of Success or Failure



**Notice:** You can change "<env>" in the URL as per your requirements.

## 4.1. Create Work Order



**Note:** View the Field Description (*on page 41*) section for additional information on the attributes that are present in the JSON.

### 4.1.1. Sample Request to Create Work Order

```
{
  "workOrder": {
    "originatorCode": "KCZZ-ATL",
    "receiverCode": "SSCB-CLT",
    "workOrderNumber": "ATH003",
    "category": "Export Round-Trip",
    "createdBy": "SIGL, SEAN",
    "workOrderDate": "06-28-2021 08:44",
    "bookingNumber": "69731341",
    "exportCutoffDate": "12-31-2999 00:00",
    "vessel": "BILBAO BRIDGE",
    "portOfLoading": "CAHAL",
    "portOfDischarge": "NLRTM",
    "eta": "07-04-2021 05:00",
    "shipmentReferenceNumber": "AB062720211706",
    "originatorImportReferenceNumber": "0923160",
    "voyage": "209E",
    "billTo": "ABPAG-PLOYD (AMERICA) LLC",
    "equipmentList": [
      {
        "equipmentTypeCode": "40HC",
        "pieceCount": 1,

```

```
"netWeight": 32915.0,
"tareWeight": 8862.0,
"grossWeight": 41777.0,
"weightUOM": "LB",
"freightDescription": "LAWN AND GARDEN PARTS",
"isHazmat": "false",
"chargeList": [
  {
    "serviceCode": "BAS",
    "amount": 660.0,
    "currency": "USD",
    "isBillable": "true",
    "modifiable": true
  },
  {
    "serviceCode": "CLN",
    "amount": 100.0,
    "currency": "USD",
    "isBillable": "true",
    "modifiable": true
  },
  {
    "serviceCode": "CN",
    "amount": 200.0,
    "currency": "USD",
    "isBillable": "false",
    "modifiable": true
  },
  {
    "serviceCode": "FS",
    "amount": 138.6,
    "currency": "USD",
    "isBillable": "true"
  }
]
},
"stopList": [
  {
    "stopType": "Pickup",
    "stopName": "ILLINOIS TRANSPORT",
    "stopNumber": 1,
    "facility": {
      "stopReferenceNumber": "2488266",
      "address1": "3100 W. 77TH STREET",
      "city": "CHICAGO",
      "state": "IL",
```

```
"country": "US",
"postalCode": "60652",
"contactName": "ILLINOIS TRANSPORT",
"contactPhone": "708-594-4242"
},
"isRailRamp": false,
"appointmentRequired": true
},
{
  "stopType": "Live Load",
  "stopName": "AGRI-FAB DIST CENTER",
  "stopNumber": 2,
  "facility": {
    "stopReferenceNumber": "0923160",
    "address1": "3490 INDUSTRIAL DRIVE",
    "city": "DECATUR",
    "state": "IL",
    "country": "US",
    "postalCode": "62525",
    "contactName": "AGRI-FAB DIST CENTER",
    "contactPhone": "217-728-3308"
  },
  "isRailRamp": false,
  "appointmentRequired": true
},
{
  "stopType": "Delivery",
  "stopName": "CN RAIL, HARVEY",
  "stopNumber": 3,
  "facility": {
    "stopReferenceNumber": "0413418",
    "address1": "16800 SOUTH CENTER STREET",
    "city": "HARVEY",
    "state": "IL",
    "country": "US",
    "postalCode": "60426",
    "contactName": "CN RAIL, HARVEY",
    "contactPhone": "708-332-3500"
  },
  "isRailRamp": false,
  "appointmentRequired": true
}
],
"mode": "DRAY",
"streetTurnEnable": false,
"documentsRequired": []
```

```
}  
}
```



**Remember:** The **originatorCode**, **ReceiverCode**, and **workOrderNumber** combination had to be unique.



**Attention:** If the **ReceiverCode** is not provided, the work order's status will remain unassigned.

#### 4.1.2. Sample Response of Create Work Order

```
{  
  "status": "SUCCESS",  
  "id": "WORKORDER12012023",  
  "message": "WorkOrder created successfully",  
  "originatorCode": "IMDV-ATL",  
  "receiverCode": "SSDZ-CLT",  
  "workOrderDTO": {  
    "workorderid": null,  
    "originatorcode": "IMDV-ATL",  
    "receivercode": "SSDZ-CLT",  
    "originatorscaccocode": "IMDV",  
    "receiverscaccocode": "SSDZ",  
    "category": "Export Round-Trip",  
    "workordernumber": "WORKORDER12012023",  
    "respondbydate": null,  
    "stopDTO": [  
      {  
        "stopid": null,  
        "stoptype": "Pickup",  
        "name": "ILLINOIS TRANSPORT",  
        "stopnumber": 1,  
        "comments": null,  
        "referencenumber": "2488266",  
        "facilityDTO": {  
          "facilitycode": null,  
          "address1": "3100 W. 77TH STREET",  
          "address2": null,  
          "city": "CHICAGO",  
          "state": "IL",  
          "country": "US",  
          "postalcode": "60652",  
          "timezone": null,  
          "referencenumber": "2488266",  
        }  
      }  
    ]  
  }  
}
```

```
"comments": null,
"contactname": "ILLINOIS TRANSPORT",
"contactphone": "708-594-4242",
"contactEmail": null,
"locationPlusCode": "86HJQ832+G3",
"email": null,
"locationUUID": "33ca7f36-020d-4394-ad1e-ff1887d3570d",
"locationCode": null,
"locationType": null
},
"appointmentDTO": [
{
  "appointmentid": null,
  "equipmentworkorderid": null,
  "scheduledtimestart": null,
  "scheduledtimeend": null,
  "scheduledtimeform": null,
  "actualtime": null,
  "action": null,
  "comments": null,
  "dateactualentered": null,
  "gateoutstart": null,
  "gateoutend": null,
  "gateoutform": null,
  "gateoutactual": null,
  "dategateoutactualentered": null,
  "datescheduleentered": null,
  "gateInScheduleComments": null,
  "gateOutScheduleComments": null,
  "scheduledLocationCode": null,
  "scheduledLocationCodeQualifier": null,
  "gateInActualComments": null,
  "gateOutActualComments": null,
  "actualLocationCode": null,
  "actualLocationCodeQualifier": null,
  "latitude": null,
  "longitude": null,
  "assignedToDriverId": null,
  "assignedToDriverName": null,
  "assignedToDriverMobilePhone": null,
  "assignedToUserName": null,
  "driverId": null,
  "driverName": null,
  "driverMobilePhone": null,
  "reportedUserName": null,
  "signedBy": null,
  "reportingSource": "API",
```

```
"reportedSourceType": null,
"eventExceptionDTO": [],
"exceptionReason": null,
"interModalCarrierName": null,
"plannedArrivalTime": null,
"plannedDepartureTime": null,
"gateInActualReasonCode": null,
"gateOutActualReasonCode": null
}
],
"validate": null,
"railRamp": false,
"appointmentRequired": "Yes",
"locationPlusCode": "86HJQ832+G3",
"locationUUID": "33ca7f36-020d-4394-ad1e-ff1887d3570d",
"locationCode": null,
"locationType": null,
"isRailRamp": false
},
{
  "stopid": null,
  "stoptype": "Live Load",
  "name": "AGRI-FAB DIST CENTER",
  "stopnumber": 2,
  "comments": null,
  "referencenumber": "0923160",
  "facilityDTO": {
    "facilitycode": null,
    "address1": "3490 INDUSTRIAL DRIVE",
    "address2": null,
    "city": "DECATUR",
    "state": "IL",
    "country": "US",
    "postalcode": "62525",
    "timezone": null,
    "referencenumber": "0923160",
    "comments": null,
    "contactname": "AGRI-FAB DIST CENTER",
    "contactphone": "217-728-3308",
    "contactEmail": null,
    "locationPlusCode": "86FHV3QV+9M",
    "email": null,
    "locationUUID": "ac1e959e-1333-48f0-a818-5c5acda129b3",
    "locationCode": null,
    "locationType": null
  },
  "appointmentDTO": [
```

```
{
  "appointmentid": null,
  "equipmentworkorderid": null,
  "scheduledtimestart": null,
  "scheduledtimeend": null,
  "scheduledtimeform": null,
  "actualtime": null,
  "action": null,
  "comments": null,
  "dateactualentered": null,
  "gateoutstart": null,
  "gateoutend": null,
  "gateoutform": null,
  "gateoutactual": null,
  "dategateoutactualentered": null,
  "datescheduleentered": null,
  "gateInScheduleComments": null,
  "gateOutScheduleComments": null,
  "scheduledLocationCode": null,
  "scheduledLocationCodeQualifier": null,
  "gateInActualComments": null,
  "gateOutActualComments": null,
  "actualLocationCode": null,
  "actualLocationCodeQualifier": null,
  "latitude": null,
  "longitude": null,
  "assignedToDriverId": null,
  "assignedToDriverName": null,
  "assignedToDriverMobilePhone": null,
  "assignedToUserName": null,
  "driverId": null,
  "driverName": null,
  "driverMobilePhone": null,
  "reportedUserName": null,
  "signedBy": null,
  "reportingSource": "API",
  "reportedSourceType": null,
  "eventExceptionDTO": [],
  "exceptionReason": null,
  "interModalCarrierName": null,
  "plannedArrivalTime": null,
  "plannedDepartureTime": null,
  "gateInActualReasonCode": null,
  "gateOutActualReasonCode": null
}
],
"validate": null,
```



```
"railRamp": false,
"appointmentRequired": "Yes",
"locationPlusCode": "86FHV3QV+9M",
"locationUUID": "ac1e959e-1333-48f0-a818-5c5acda129b3",
"locationCode": null,
"locationType": null,
"isRailRamp": false
},
{
  "stopid": null,
  "stoptype": "Delivery",
  "name": "CN RAIL, HARVEY",
  "stopnumber": 3,
  "comments": null,
  "referencenumber": "0413418",
  "facilityDTO": {
    "facilitycode": null,
    "address1": "16800 SOUTH CENTER STREET",
    "address2": null,
    "city": "HARVEY",
    "state": "IL",
    "country": "US",
    "postalcode": "60426",
    "timezone": null,
    "referencenumber": "0413418",
    "comments": null,
    "contactname": "CN RAIL, HARVEY",
    "contactphone": "708-332-3500",
    "contactEmail": null,
    "locationPlusCode": "86HJH9M2+RJ",
    "email": null,
    "locationUUID": "7a826822-4691-4c99-9f2a-61259d44781f",
    "locationCode": null,
    "locationType": null
  },
  "appointmentDTO": [
    {
      "appointmentid": null,
      "equipmentworkorderid": null,
      "scheduledtimestart": null,
      "scheduledtimeend": null,
      "scheduledtimeform": null,
      "actualtime": null,
      "action": null,
      "comments": null,
      "dateactualentered": null,
      "gateoutstart": null,
```

```
"gateoutend": null,
"gateoutform": null,
"gateoutactual": null,
"dategateoutactualentered": null,
"datescheduleentered": null,
"gateInScheduleComments": null,
"gateOutScheduleComments": null,
"scheduledLocationCode": null,
"scheduledLocationCodeQualifier": null,
"gateInActualComments": null,
"gateOutActualComments": null,
"actualLocationCode": null,
"actualLocationCodeQualifier": null,
"latitude": null,
"longitude": null,
"assignedToDriverId": null,
"assignedToDriverName": null,
"assignedToDriverMobilePhone": null,
"assignedToUserName": null,
"driverId": null,
"driverName": null,
"driverMobilePhone": null,
"reportedUserName": null,
"signedBy": null,
"reportingSource": "API",
"reportedSourceType": null,
"eventExceptionDTO": [],
"exceptionReason": null,
"interModalCarrierName": null,
"plannedArrivalTime": null,
"plannedDepartureTime": null,
"gateInActualReasonCode": null,
"gateOutActualReasonCode": null
}
],
"validate": null,
"railRamp": false,
"appointmentRequired": "Yes",
"locationPlusCode": "86HJH9M2+RJ",
"locationUUID": "7a826822-4691-4c99-9f2a-61259d44781f",
"locationCode": null,
"locationType": null,
"isRailRamp": false
}
],
"equipmentWorkOrderDTO": [
{
```

```
"equipmentworkorderid": null,
"equipmentnumber": null,
"equipmentid": null,
"equipmenttypecode": "40HC",
"shipmentid": null,
"netweight": 32915.0,
"tareweight": 8862.0,
"grossweight": 41777.0,
"weightunits": null,
"weightuom": 4,
"shipmentnumber": null,
"freightdescription": "LAWN AND GARDEN PARTS",
"seal": null,
"pickupNumber": null,
"emptyreleasenum": null,
"hazmat": 2,
"overweight": 0,
"statusDTO": {
  "statusid": null,
  "description": "Not Active"
},
"volume": null,
"volumeuom": 2,
"piececount": 1,
"comments": null,
"equipmenttype": null,
"dimensionUOM": null,
"height": null,
"width": null,
"length": null,
"validate": null,
"chargeDTO": [
  {
    "chargeid": null,
    "stopid": null,
    "equipmentworkorderid": null,
    "chargeableservicesDTO": {
      "serviceid": 2,
      "code": "BAS",
      "name": "Base Dray",
      "description": "Base Dray",
      "type": "Base",
      "category": null,
      "hiddenCharge": null
    },
    "amount": 660.0,
    "currency": "USD",
```

```
"transactionnumber": null,
"comments": null,
"billto": null,
"isbillable": 1,
"fscpercent": 0.0,
"fscamount": 0.0,
"isinvoiced": 0,
"createdby": null,
"creationtime": null,
"lastmodifiedby": null,
"lastmodifiedtime": null,
"invoiceableddate": null,
"validate": null,
"mileage": 0.0,
"permilecharge": 0.0,
"modifiable": true,
"invoiceNumber": null
},
{
  "chargeid": null,
  "stopid": null,
  "equipmentworkorderid": null,
  "chargeableservicesDTO": {
    "serviceid": 5,
    "code": "CLN",
    "name": "Cleaning",
    "description": "Equipment was cleaned",
    "type": "Assessorial",
    "category": null,
    "hiddenCharge": null
  },
  "amount": 100.0,
  "currency": "USD",
  "transactionnumber": null,
  "comments": null,
  "billto": null,
  "isbillable": 1,
  "fscpercent": 0.0,
  "fscamount": 0.0,
  "isinvoiced": 0,
  "createdby": null,
  "creationtime": null,
  "lastmodifiedby": null,
  "lastmodifiedtime": null,
  "invoiceableddate": null,
  "validate": null,
  "mileage": 0.0,
```

```
"permilecharge": 0.0,
"modifiable": true,
"invoiceNumber": null
},
{
  "chargeid": null,
  "stopid": null,
  "equipmentworkorderid": null,
  "chargeableservicesDTO": {
    "serviceid": 102,
    "code": "CN",
    "name": "Cancellation Fee",
    "description": "Fee for Cancellation of Intermodal Transports",
    "type": "Assessorial",
    "category": null,
    "hiddenCharge": null
  },
  "amount": 200.0,
  "currency": "USD",
  "transactionnumber": null,
  "comments": null,
  "billto": null,
  "isbillable": 0,
  "fscpercent": 0.0,
  "fscamount": 0.0,
  "isinvoiced": 0,
  "createdby": null,
  "creationtime": null,
  "lastmodifiedby": null,
  "lastmodifiedtime": null,
  "invoiceabledate": null,
  "validate": null,
  "mileage": 0.0,
  "permilecharge": 0.0,
  "modifiable": true,
  "invoiceNumber": null
},
{
  "chargeid": null,
  "stopid": null,
  "equipmentworkorderid": null,
  "chargeableservicesDTO": {
    "serviceid": 70,
    "code": "FS",
    "name": "Fuel Surcharge",
    "description": "Fuel Costs for Truck or Rail Transport Mode",
    "type": "Assessorial",
```

```
        "category": null,
        "hiddenCharge": null
    },
    "amount": 138.6,
    "currency": "USD",
    "transactionnumber": null,
    "comments": null,
    "billto": null,
    "isbillable": 1,
    "fscpercent": 0.0,
    "fscamount": 0.0,
    "isinvoiced": 0,
    "createdby": null,
    "creationtime": null,
    "lastmodifiedby": null,
    "lastmodifiedtime": null,
    "invoiceabledate": null,
    "validate": null,
    "mileage": 0.0,
    "permilecharge": 0.0,
    "modifiable": true,
    "invoiceNumber": null
    }
],
"equipmentHazmatDTO": [],
"dimensionUOM": null,
"chassisNumber": null,
"associatedUnitId": null,
"freightLineItemsDTO": [],
"chassisprovider": null,
"chassiscolor": null,
"selfleased": null,
"reefertemp": null,
"minreefertemp": null,
"reefertempunit": null,
"commodity": null,
"maxreefertemp": null,
"humidity": null
}
],
"statusDTO": {
    "statusid": null,
    "description": "Assigned"
},
"createdBy": "SIGL, SEAN",
"assignedBy": "API",
"reasondesc": null,
```

```
"workorderdate": 1701420240000,
"vessel": "BILBAO BRIDGE",
"voyage": "209E",
"eta": 1625374800000,
"billofladingnumber": null,
"bookingnumber": "69731341",
"railbillingnumber": null,
"receiptlocation": null,
"loadlocation": null,
"dischargelocation": null,
"destinationlocation": null,
"exportcutoffdate": 32503593600000,
"lastfreeday": null,
"broker": null,
"shipper": null,
"comments": null,
"billTo": "HAPAG-LLOYD (AMERICA) LLC",
"carrierCode": null,
"portofloading": "CAHAL",
"portofdischarge": "NLRTM",
"dateCreated": 1673507599021,
"dateReceived": null,
"dateAmended": null,
"dateAccepted": null,
"dateAssigned": 1673507599021,
"dateCompleted": null,
"dateCancelled": null,
"dateActive": null,
"vendornumber": null,
"amendmentcomments": null,
"categoryid": null,
"version": 0,
"commentDTO": [],
"validate": false,
"masterAirWayBillNumber": null,
"houseAirWayBillNumber": null,
"paymentMethodIndicator": null,
"temperatureControlled": null,
"shipmentReferenceNumber": "AB062720211706",
"originatorOnHandNumber": null,
"originatorOrderReference": null,
"originatorImportReferenceNumber": "0923160",
"referencevalue": null,
"referenceid": null,
"lastmodified": 1673507595475,
"originalSenderCode": null,
"isReadyForReturn": false,
```

```
"importClaimedDate": null,
"originalSenderName": null,
"chassisNumber": null,
"markedReadyDate": null,
"redeliveryNumber": null,
"expirationDate": null,
"streetLastFreeDay": null,
"reference1": null,
"reference2": null,
"reference3": null,
"yardLocation": null,
"emptyNotifyDate": null,
"userComment": null,
"isCMC": null,
"isFMC": null,
"arrivalDate": null,
"availableDate": null,
"gateOut": null,
"returnDate": null,
"claimedFullDate": null,
"claimedFullBy": null,
"claimedEmptyDate": null,
"claimedEmptyBy": null,
"containerStatus": null,
"deliveryDate": null,
"relatedWorkorderId": null,
"stackId": null,
"stackName": "",
"stackType": "",
"offerCategory": null,
"loadType": null,
"isEDrayWorkOrder": false,
"ucr": null,
"fo": null,
"isRailRamp": false,
"pickupNumber": null,
"railBillInitiated": false,
"streetTurnEnabled": false,
"mode": "DRAY",
"isLogisticsOrder": false,
"acceptWorkOrder": false,
"customAttributes": null,
"documentsRequiredDTO": [],
"earlyReceiptDate": null,
"documentationCutOffDate": null,
"isCarrierGoPremium": false,
"serviceCode": null,
```



```
"billToCode": null,
"appointmentRequested": false,
"containerAvailableDate": null,
"lastModifiedBy": null,
"partySectionDTO": [],
"receivername": null,
"edrayReferenceNumber": null
}
}
```

## 4.2. Cancel Work Order



**Note:** View the Field Description (*on page 41*) section for additional information on the attributes that are present in the JSON.

### 4.2.1. Sample Request to Cancel Work Order

```
{
  "originatorCode": "HLAB-ATL",
  "receiverCode": "SPDD-CLT",
  "workOrderNumber": "ATH003"
}
```

### 4.2.2. Sample Response of Cancel Work Order

```
{
  "status": "SUCCESS",
  "id": "WORKORDER12012023",
  "message": "WorkOrder cancelled successfully",
  "originatorCode": "HLAB-ATL",
  "receiverCode": "SPDD-CLT"
}
```

## 4.3. Get Work Order



**Note:** View the Field Description (*on page 41*) section for additional information on the attributes that are present in the JSON.

### 4.3.1. Sample Request to Get Booking by Filter

```
{
  "originatorCode": "HLAB-ATL",
  "receiverCode": "SPDD-CLT",
  "workOrderNumber": "ATH003"
}
```

### 4.3.2. Sample Response to Get Booking by Filter

```
{
  "originatorCode": "HLAB-ATL",
  "receiverCode": "SPDD-CLT",
  "workorderid": 9876429550,
  "workOrderNumber": "WORKORDER12012023",
  "category": "Export Round-Trip",
  "createdBy": "SIGL, SEAN",
  "workOrderDate": "12-01-2023 08:12",
  "bookingNumber": "69731341",
  "exportCutoffDate": "12-31-2999 00:12",
  "vessel": "BILBAO BRIDGE",
  "portOfLoading": "CAHAL",
  "portOfDischarge": "NLRTM",
  "eta": "07-04-2021 05:07",
  "shipmentReferenceNumber": "AB062720211706",
  "originatorImportReferenceNumber": "0923160",
  "voyage": "209E",
  "billTo": "PPPAG-PLOYD (AMERICA) LLC",
  "equipmentList": [
    {
      "equipmentHazmatDTO": [],
      "equipmentTypeCode": "40HC",
      "pieceCount": 2,
      "netWeight": 32915.0,
      "tareWeight": 8862.0,
      "grossWeight": 41777.0,
      "weightUOM": 4,
      "freightDescription": "LAWN AND GARDEN PARTS",
      "volumeUOM": 2,
      "chargeList": [
        {
          "serviceCode": "CLN",
          "serviceName": "Cleaning",
          "amount": 100.0,
          "currency": "USD",
          "fscpercent": 0.0,

```

```
    "isBillable": "Yes"
  },
  {
    "serviceCode": "CN",
    "serviceName": "Cancellation Fee",
    "amount": 200.0,
    "currency": "USD",
    "fscpercent": 0.0,
    "isBillable": "No"
  },
  {
    "serviceCode": "FS",
    "serviceName": "Fuel Surcharge",
    "amount": 138.6,
    "currency": "USD",
    "fscpercent": 0.0,
    "isBillable": "Yes"
  },
  {
    "serviceCode": "BAS",
    "serviceName": "Base Dray",
    "amount": 8000.0,
    "currency": "USD",
    "fscpercent": 0.0,
    "isBillable": "Yes"
  }
],
"equipmentHazmatList": []
},
"stopList": [
  {
    "stopType": "Pickup",
    "stopName": "ILLINOIS TRANSPORT",
    "stopid": 1000121437,
    "stopNumber": 1,
    "facility": {
      "stopReferenceNumber": "2488266",
      "address1": "3100 W. 77TH STREET",
      "city": "CHICAGO",
      "state": "IL",
      "country": "US",
      "postalCode": "60652",
      "contactName": "ILLINOIS TRANSPORT",
      "contactPhone": "708-594-4242"
    }
  },
  "appointmentList": [
```

```
{
  "appointmentid": 1697625
}
],
{
  "stopType": "Live Load",
  "stopName": "AGRI-FAB DIST CENTER",
  "stopid": 1000121438,
  "stopNumber": 2,
  "facility": {
    "stopReferenceNumber": "0923160",
    "address1": "3490 INDUSTRIAL DRIVE",
    "city": "DECATUR",
    "state": "IL",
    "country": "US",
    "postalCode": "62525",
    "contactName": "AGRI-FAB DIST CENTER",
    "contactPhone": "217-728-3308"
  },
  "appointmentList": [
    {
      "appointmentid": 1697626
    }
  ]
},
{
  "stopType": "Delivery",
  "stopName": "CN RAIL, HARVEY",
  "stopid": 1000121439,
  "stopNumber": 3,
  "facility": {
    "stopReferenceNumber": "0413418",
    "address1": "16800 SOUTH CENTER STREET",
    "city": "HARVEY",
    "state": "IL",
    "country": "US",
    "postalCode": "60426",
    "contactName": "CN RAIL, HARVEY",
    "contactPhone": "708-332-1111"
  },
  "appointmentList": [
    {
      "appointmentid": 1697627
    }
  ]
}
```

```
],
"commentList": [],
"workOrderActivityList": [
  {
    "eventname": "Create",
    "lastmodified": "01-12-2023 07:01",
    "comments": "Work Order Created"
  },
  {
    "eventname": "Assign",
    "lastmodified": "01-12-2023 07:01",
    "comments": "Work Order Assigned"
  },
  {
    "eventname": "Update",
    "lastmodified": "01-12-2023 07:01",
    "comments": "Work Order Updated"
  }
],
"WorkOrderEvents": []
}
```

## 4.4. Update Work Order



**Note:** View the Field Description (*on page 41*) section for additional information on the attributes that are present in the JSON.

### 4.4.1. Sample Request to Update Work Order

```
{
  "workOrder": {
    "originatorCode": "HLAB-ATL",
    "receiverCode": "SPDD-CLT",
    "workOrderNumber": "ATH003",
    "category": "Export Round-Trip",
    "createdBy": "SIGL, SEAN",
    "workOrderDate": "06-28-2021 08:44",
    "bookingNumber": "69731341",
    "exportCutoffDate": "12-31-2999 00:00",
    "vessel": "BILBAO BRIDGE",
    "portOfLoading": "CAHAL",
    "portOfDischarge": "NLRTM",
    "eta": "07-04-2021 05:00",
    "shipmentReferenceNumber": "AB062720211706",
    "originatorImportReferenceNumber": "0923160",
  }
}
```

```
"voyage": "209E",
"billTo": "PPPAG-PLOYD (AMERICA) LLC",
"equipmentList": [
  {
    "equipmentTypeCode": "40HC",
    "pieceCount": 2,
    "netWeight": 32915.0,
    "tareWeight": 8862.0,
    "grossWeight": 41777.0,
    "weightUOM": "LB",
    "freightDescription": "LAWN AND GARDEN PARTS",
    "isHazmat": "false",
    "chargeList": [
      {
        "serviceCode": "BAS",
        "amount": 8000.0,
        "currency": "USD",
        "isBillable": "true",
        "modifiable": true
      },
      {
        "serviceCode": "CLN",
        "amount": 100.0,
        "currency": "USD",
        "isBillable": "true",
        "modifiable": true
      },
      {
        "serviceCode": "CN",
        "amount": 200.0,
        "currency": "USD",
        "isBillable": "false",
        "modifiable": true
      },
      {
        "serviceCode": "FS",
        "amount": 138.6,
        "currency": "USD",
        "isBillable": "true"
      }
    ]
  }
],
"stopList": [
  {
    "stopType": "Pickup",
    "stopName": "ILLINOIS TRANSPORT",
```

```
"stopNumber": 1,
"facility": {
  "stopReferenceNumber": "2488266",
  "address1": "3100 W. 77TH STREET",
  "city": "CHICAGO",
  "state": "IL",
  "country": "US",
  "postalCode": "60652",
  "contactName": "ILLINOIS TRANSPORT",
  "contactPhone": "708-594-4242"
},
"isRailRamp": false,
"appointmentRequired": true
},
{
  "stopType": "Live Load",
  "stopName": "AGRI-FAB DIST CENTER",
  "stopNumber": 2,
  "facility": {
    "stopReferenceNumber": "0923160",
    "address1": "3490 INDUSTRIAL DRIVE",
    "city": "DECATUR",
    "state": "IL",
    "country": "US",
    "postalCode": "62525",
    "contactName": "AGRI-FAB DIST CENTER",
    "contactPhone": "217-728-3308"
  },
  "isRailRamp": false,
  "appointmentRequired": true
},
{
  "stopType": "Delivery",
  "stopName": "CN RAIL, HARVEY",
  "stopNumber": 3,
  "facility": {
    "stopReferenceNumber": "0413418",
    "address1": "16800 SOUTH CENTER STREET",
    "city": "HARVEY",
    "state": "IL",
    "country": "US",
    "postalCode": "60426",
    "contactName": "CN RAIL, HARVEY",
    "contactPhone": "708-332-3500"
  },
  "isRailRamp": false,
  "appointmentRequired": true
}
```

```
}  
],  
  "mode": "DRAY",  
  "streetTurnEnable": false,  
  "documentsRequired": []  
}  
}
```

#### 4.4.2. Sample Response to Update Work Order

```
{  
  "status": "UPDATED",  
  "id": "WORKORDER12012023",  
  "message": "WorkOrder modified successfully",  
  "originatorCode": "HLAB-ATL",  
  "receiverCode": "SPDD-CLT"  
}
```

### 4.5. Add Comment



**Note:** View the Field Description (*on page 41*) section for additional information on the attributes that are present in the JSON.

#### 4.5.1. Sample Request to Add Comment

```
{  
  "workOrder": {  
    "originatorCode": "HLAB-ATL",  
    "receiverCode": "SPDD-CLT",  
    "workOrderNumber": "ATH003",  
    "comments": "Approved",  
    "streetTurnEnable": false,  
    "documentsRequired": []  
  }  
}
```

#### 4.5.2. Sample Response to Add Comment

```
{  
  "status": "SUCCESS",  
  "id": "WORKORDER12012023",  
  "message": "Workorder Comments added or modified successfully",  
  "originatorCode": "HLAB-ATL",  
}
```



```
"receiverCode": "SPDD-CLT"
}
```

## 4.6. Approve Amendment By Originator



**Note:** View the Field Description (*on page 41*) section for additional information on the attributes that are present in the JSON.

### 4.6.1. Sample Request to Approve Amendment (By Originator)

```
{
  "workOrderNumber": "ATH003",
  "originatorCode": "HLAB-ATL",
  "receiverCode": "SPDD-CLT"
}
```

### 4.6.2. Sample Response of Approve Amendment (By Originator)

```
{
  "status": "FAILED",
  "id": "WORKORDER12012023",
  "originatorCode": "HLAB-ATL",
  "receiverCode": "SPDD-CLT",
  "errorDescription": "Content Error: Only Receiver can Accept the Work Order."
}
```

## 4.7. Approve Amendment By Receiver



**Note:** View the Field Description (*on page 41*) section for additional information on the attributes that are present in the JSON.

### 4.7.1. Sample Request to Approve Amendment (By Receiver)

```
{
  "workOrderNumber": "ATH003",
  "originatorCode": "HLAB-ATL",
  "receiverCode": "SPDD-CLT"
}
```

#### 4.7.2. Sample Response of Approve Amendment (By Receiver)

```
{
  "status": "SUCCESS",
  "id": "WORKORDER12012023",
  "message": "Amendment Declined Successfully",
  "originatorCode": "HLAB-ATL",
  "receiverCode": "SPDD-CLT"
}
```

### 4.8. Decline Amendment By Originator



**Note:** View the Field Description (*on page 41*) section for additional information on the attributes that are present in the JSON.

#### 4.8.1. Sample Request to Decline Amendment (By Originator)

```
{
  "workOrderNumber": "ATH003",
  "originatorCode": "HLAB-ATL",
  "receiverCode": "SPDD-CLT"
}
```

#### 4.8.2. Sample Response of Decline Amendment (By Originator)

```
{
  "status": "SUCCESS",
  "id": "WORKORDER12012023",
  "message": "Amendment Declined Successfully",
  "originatorCode": "HLAB-ATL",
  "receiverCode": "SPDD-CLT"
}
```

### 4.9. Decline Amendment By Receiver



**Note:** View the Field Description (*on page 41*) section for additional information on the attributes that are present in the JSON.

#### 4.9.1. Sample Request to Decline Amendment (By Receiver)

```
{
  "workOrderNumber": "ATH003",
  "originatorCode": "HLAB-ATL",
  "receiverCode": "SPDD-CLT"
}
```

#### 4.9.2. Sample Response of Decline Amendment (By Receiver)

```
{
  "status": "SUCCESS",
  "id": "WORKORDER12012023",
  "message": "Amendment Declined Successfully",
  "originatorCode": "HLAB-ATL",
  "receiverCode": "SPDD-CLT"
}
```

### 4.10. Actual Appointment By Receiver



**Note:** View the Field Description (on page 41) section for additional information on the attributes that are present in the JSON.

#### 4.10.1. Sample Request to Actual Appointment (By Receiver)

```
{
  "workordernumber": "EXPD27oct2022002",
  "originatorcode": "EXXD-ATL",
  "receivercode": "SPDD-CHI",
  "equipmentnumber": "RTEU7890654",
  "equipmentsizetype": "40ST",
  "stopnumber": 2,
  "actualtimegatein": "2022-08-29T08:15:00"
}
```

#### 4.10.2. Sample Response of Actual Appointment (By Receiver)

```
{
  "status": "SUCCESS",
  "id": "WORKORDER12012024",
  "originatorCode": "HLAB-ATL",
  "receiverCode": "SPDD-CLT",
  "actualAppointmentDTO": {
```

```
"workordernumber": "WORKORDER12012024",
"workorderstatus": "Active",
"originatorcode": "HLAB-ATL",
"receivercode": "SPDD-CLT",
"shippingnumber": null,
"category": "Export Round-Trip",
"equipmentnumber": "UNIT123456",
"associatedUnitId": null,
"stopnumber": "1",
"stopname": "ILLINOIS TRANSPORT",
"equipmentsizetype": "40HC",
"actualtimegatein": 1673496720000,
"actualtimegateout": null,
"equipmentid": null,
"chassisNumber": null,
"gateInActualComments": null,
"gateOutActualComments": null,
"actualLocationCode": null,
"actualLocationCodeQualifier": null,
"latitude": 0.0,
"longitude": 0.0,
"driverId": null,
"stopType": "Pickup",
"signedBy": null,
"reportingSource": null,
"isEDrayWorkOrder": false,
"exceptionReason": null,
"stopreferencenumber": "2488266",
"shipper": null,
"city": "CHICAGO",
"address1": "3100 W. 77TH STREET",
"address2": null,
"state": "IL",
"country": "US",
"postalcode": "60652",
"locationPlusCode": "86HJQ832+G3",
"sealNumber": null,
"gateInActualReasonCode": null,
"gateOutActualReasonCode": null
}
}
```

## 4.11. Schedule Appointment By Receiver



**Note:** View the Field Description (on page 41) section for additional information on the attributes that are present in the JSON.

### 4.11.1. Sample Request to Schedule Appointment (By Receiver)

```
{
  "workOrderNumber": "EXPD27oct2022002",
  "originatorCode": "EXXD-ATL",
  "receiverCode": "SPDD-CHI",
  "stopNumber": 2,
  "appointment": {
    "scheduledGateInStart": "2022-08-28T08:00:00",
    "scheduledGateInEnd": "2022-08-29T09:00:00",
    "scheduledGateInForm": "Between",
    "EquipmentID": {
      "equipmentNumber": "RTEU7890654",
      "equipmentTypeCode": "40ST"
    }
  }
}
```

### 4.11.2. Sample Response of Schedule Appointment (By Receiver)

```
{
  "status": "SUCCESS",
  "id": "WORKORDER12012024",
  "originatorCode": "HLAB-ATL",
  "receiverCode": "SPDD-CLT",
  "scheduledAppointmentDTO": {
    "workorderid": null,
    "workordernumber": "WORKORDER12012024",
    "workorderstatus": null,
    "originatorcode": "HLAB-ATL",
    "receivercode": "SPDD-CLT",
    "shippingnumber": null,
    "category": "Export Round-Trip",
    "equipmentnumber": "UNIT123456",
    "stopnumber": "1",
    "stopname": "ILLINOIS TRANSPORT",
    "stoptype": "Pickup",
    "equipmentsizetype": "40HC",
    "scheduledtimestartgatein": 1673496000000,
  }
}
```

```
{
  "scheduledtimeendgatein": null,
  "scheduledtimeformgatein": "After",
  "scheduledtimestartgateout": null,
  "scheduledtimeendgateout": null,
  "scheduledtimeformgateout": null,
  "equipmentid": null,
  "gateInScheduleComments": null,
  "gateOutScheduleComments": null,
  "scheduledLocationCode": null,
  "scheduledLocationCodeQualifier": null,
  "stopreferencenumber": "2488266",
  "shipper": null,
  "latitude": 0.0,
  "longitude": 0.0,
  "associatedUnitId": null,
  "city": "CHICAGO",
  "address1": "3100 W. 77TH STREET",
  "address2": null,
  "state": "IL",
  "country": "US",
  "postalcode": "60652",
  "locationPlusCode": "86HJQ832+G3"
}
```

## 4.12. Create and Send Invoice By Receiver



**Note:** View the Field Description (*on page 41*) section for additional information on the attributes that are present in the JSON.

### 4.12.1. Sample Request to Create and Send Invoice (By Receiver)

```
{
  "invoicenumber": 99905,
  "receivercode": "SPDD-CHI",
  "originatorcode": "EXXD-ATL",
  "invoicedate": "2022-11-03T13:43:07",
  "totalamount": 5800,
  "paymentoption": "Prepaid",
  "InvoiceDetailsList": [
    {
      "workordernumber": "WON110122144804010",
      "equipmenttypecode": "40ST",
      "chargeableservicename": "Base Dray",
      "amount": 5000
    }
  ]
}
```

```
}
]
}
```

#### 4.12.2. Sample Response of Create and Send Invoice (By Receiver)

```
{
  "status": "SUCCESS",
  "id": "123123123",
  "originatorCode": "HLAB-ATL",
  "receiverCode": "SPDD-CLT",
  "invoiceDTO": {
    "invoicenum": "123123123",
    "receivercode": "SPDD-CLT",
    "originatorcode": "HLAB-ATL",
    "invoicedate": 1673592187000,
    "totalamount": 5000.0,
    "paymentoption": "Defined by Buyer and Seller",
    "facilityreceivername": "Speedd Trucking--Charlotte",
    "facilityoriginatorname": "Papag Ployd LLC--Atlanta",
    "originatorscode": null,
    "receiverscode": null,
    "isapproved": null,
    "isdeclined": null,
    "declinedreason": null,
    "facilityoriginatoraddress1": "5515 Spalding Drive",
    "facilityoriginatoraddress2": "QSC Peachtree Corners",
    "facilityoriginatorcity": "Peachtree Corners",
    "facilityoriginatorstate": "",
    "facilityoriginatorpostalcode": "",
    "facilityoriginatorphone": "855 227 4612",
    "facilityreceiveraddress1": "123 North Carolina Lane",
    "facilityreceiveraddress2": "",
    "facilityreceivercity": "",
    "facilityreceiverstate": "",
    "facilityreceiverpostalcode": "",
    "facilityreceiverphone": "555-555-5555",
    "currency": "USD",
    "isAttachment": null,
    "comments": null,
    "invoiceDetailsDTO": [
      {
        "workordernumber": "WORKORDER12012024",
        "transactionnumber": null,
        "equipmentworkorderid": null,
        "equipmentnumber": "UNIT123456",
        "shipmentnumber": null,
      }
    ]
  }
}
```

```
"equipmenttypecode": "40HC",
"stopnumber": null,
"chargeableservicename": "Base Dray",
"amount": 5000.0,
"origin": "AGRI-FAB DIST CENTER",
"destination": "CN RAIL, HARVEY",
"billoflading": null,
"bookingnumber": "69731341",
"fscpercent": 0.0,
"fscamount": 0.0,
"hasExistingApprovedInvoice": false
}
]
}
}
```



## 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	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>originatorCode</b>	String	Required	50	<ul style="list-style-type: none"> <li>The originator code should not be null.</li> <li>It should not exceed more than 50 characters.</li> </ul>	ABCD-XYZ	A unique identifier or code assigned to a person or organization that initiates a specific action or transaction is referred to as an <b>originatorCode</b> .	This code is provided by Blume Global Client Services. For example ABCD-XYZ. where ABCD is 4 char SCAC code XYZ is the 3-char Originator Office.

**Table 3. Header API Tables (continued)**

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>receiverCode</b>	String	Required	50	<ul style="list-style-type: none"> <li>The receiver code should not be null.</li> <li>It should not exceed more than 50 characters.</li> </ul>	ABCD-XYZ	The attribute <b>receiverCode</b> refers to a unique identifier that is assigned to a specific recipient or receiving location.	The receiver, or trucking company, to whom the work order is assigned. For example ABCD-XYZ. Where ABCD is 4 char SCAC code XYZ is the 3-char Receiver Office Code.

Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>workOrderNumber</b>	String	Required	50	<ul style="list-style-type: none"> <li>The work order number should not be null.</li> <li>It should not exceed more than 50 characters.</li> </ul>	WORKORDER120122	The <b>workOrderNumber</b> is a unique identifier for a specific work order.	The originator's primary reference number of the work order.

Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>category</b>	String	Required	50	<ul style="list-style-type: none"> <li>The category should not be null.</li> <li>It should not exceed more than 50 characters.</li> </ul>	<ol style="list-style-type: none"> <li>Import/InboundDray</li> <li>Export/Outbound Dray</li> <li>Container Reposition</li> <li>Domestic</li> </ol>	The category refers to the type of shipment like import, export and domestic, and so on.	Type of Work Order
<b>bookingNumber</b>	String	Conditional	50	Required in case of Export moves.	112324324	The attribute <b>bookingNumber</b> refers to a unique identifier that is assigned to a shipment or cargo reservation.	

Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>exportCutoffDate</b>	Timestamp	Conditional	Datetime	Required in case of Export moves.	MM-dd-yyyy HH:mm	The attribute <b>exportCutoffDate</b> refers to a deadline for the export of goods or services from a domestic market to a foreign market.	Valid date and time in 24-hour formats: <ul style="list-style-type: none"> <li>• MM-dd-yyyy HH:mm:ss</li> <li>• MM-dd-yyyy HH:mm</li> </ul>
<b>vessel</b>	String	Optional	50	It should not exceed more than 50 characters.	ABCDEF LMNO	The vessel carrying the container for import or export.	
<b>portOfLoading</b>	String	Optional	50	It should not exceed more than 50 characters.	ABCDEF	The attribute <b>portOfLoading</b> refers to the port where a vessel	

Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
						is loaded with cargo for a specific voyage.	
<b>portOfDischarge</b>	String	Optional	50	It should not exceed more than 50 characters.	ABCDEF	The attribute "port of loading" refers to the port where a vessel is unloaded after completing a voyage.	
<b>eta</b>	Date/Time	Optional	datetime	Valid date and time in 24-hour: <ul style="list-style-type: none"> <li>MM-dd-yyyyHH:mm</li> </ul>	MM-dd-yyyyHH:mm	The estimated arrival date of the vessel/voyage.	Valid date and time in 24-hour formats: <ul style="list-style-type: none"> <li>MM-dd-yyyy HH:mm:ss</li> <li>MM-dd-yyyy HH:mm</li> </ul>

Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>shipmentReferenceNumber</b>	String	Conditional	50	<ul style="list-style-type: none"> <li>The shipment reference number should not be null.</li> <li>It should not exceed more than 50 characters.</li> </ul>	ABCEF12345211706	The <b>shipmentReferenceNumber</b> is a unique identifier for a specific shipment of goods.	Over-arching shipment number used by the originator to link workorders.
<b>originatorImportReferenceNumber</b>	String	Conditional	50	It should not exceed more than 50 characters.	1234567	It is an Additional reference number that an Originator can associate with an import work order.	



Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>voyage</b>	String	Conditional	50	<ul style="list-style-type: none"> <li>The voyage should not be null.</li> <li>It should not exceed more than 50 characters.</li> </ul>	111E	The scheduled voyage on which the container is arriving or departing.	
<b>billTo</b>	String	Conditional	250	It should not exceed more than 250 characters.	PAPAG-PLOYD (AMERICA) LLC	The attribute <b>billTo</b> refers to the party that is responsible for paying for the goods or services being shipped.	
<b>equipmentTypeCode</b>	String	Required	6	It should not exceed	UCU (Unspecified Cargo Unit)	An <b>equipmentTypeCode</b> is a category or class of equipment that is defined	

**Table 3. Header API Tables (continued)**

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
				more than 6 characters.	40HC (40" High Cube Dry Van)  40ST (40" Standard)  20ST (20" Standard)  42FB (42" flatbed trailer)  53EMHU (53" EMHU High Cube)  20CZ (20" Chassis)  20FB (20" Flatbed Trailer)	by its function, capabilities, and characteristics.	

**Table 3. Header API Tables (continued)**

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
					2OFR (20" Flatrack)  2OHC (20" High Cube Dry Van)  2OHR (20" High Cube Reefer)  2OOT (20" Open Top)  2ORF (20" Reefer)  2OTC (20" Tank)    2OTR (20" Domestic Trailer)  4OBK (40" Bulk Dry Van)		

Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
					40CZ (40" Chassis)		
					40FB (40" Flatbed Trailer)		
					40FR (40" Flatrack)		
					40HR (40" High Cube Reefer)		
					40OT (40" Open Top)		
					40PB (40" Piggyback)		
					40RF (40" Reefer)		

Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
					40TR (40" Domestic Trailer)		
					45CZ (45" Chassis)		
					45FB (45" Flatbed Trailer)		
					45HC (45" High Cube Dry Van)		
					45OT (45" Open Top)		
					45PB (45" Piggyback)		
					45TR (45" Domestic Trailer)		

Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
					48DD (48" Drop Deck)  48DM (48" US Domestic Dry Van)  48FB (48" Flatbed Trailer)  48FR (48" Flatrack)  48PB (48" Piggyback)  48TR (48" Domestic Trailer)		

Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Read Only	Max Length	Condition	Values	Description	Additional Notes
					53DM (53" US Domestic Dry Van)  53DV (53" International Dry Van)  53TR (53" Domestic Trailer)  53EMUU (53" EMUU Standard)  53AIR (53" Domestic Trailer Air Ride)  SPEC (Special)  GENSET (Genset)		

Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
					LCL (Less Than Container Load)  20BK (20" Bulk Dry Van)  20RFTR (20" Refrigerated Trailer)  40HCOT (40" High Cube Open Top)  40HCRF (40" High Cube Flatrack)		



Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
					4ORFTR (40" Refrigerated Trailer)  45RFTR (45" Refrigerated Trailer)  48TRRF (48" Refrigerated Trailer)  48EMPU (48" EMPU)  48NACS (48" NACS)  40TK (40ft Tank Container)		

Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
					40RQ (40" Hi-Cube Refrigerated Container)  20RG (20" GenChz)  20FBZ (20" FlushZ)  20SL (20" Slider)  20SF (20" StraFrZ)  20TX (20" Triaxle)  40RG (40" GenChz)		

**Table 3. Header API Tables (continued)**

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
					45GN (45" GooseZ)  40CB (40" ComboZ)  45EX (45" ExtChz)  40GN (40" GooseZ)  40SF (40" StraFrZ)  40TX (40" Triaxle)  GCL (Clip On)  GCM (Center Mount)		

Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
					GPP (Power Pack)  GSM (Side Mount)  20GN (20" Gooseneck)  41SL (41" Slider)  22PC (20 Flat, Collapsible)		

**Table 3. Header API Tables (continued)**

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>pieceCount</b>	Double	Optional	9,2	<ul style="list-style-type: none"> <li>The piece count should not be null.</li> <li>In the range from 0.00 to 9999999.99.</li> </ul>	Example: 34567.98	Number of items within the equipment.	9,2 (9 digits and 2 digits after the comma)
<b>netWeight</b>	Double	Optional	9,2	<ul style="list-style-type: none"> <li>The piece count should not be null.</li> <li>In the range from 0.00 to 9999999.99.</li> </ul>	Example: 5678.98	The weight of the contents within the container.	9,2 (9 digits and 2 digits after the comma)

**Table 3. Header API Tables (continued)**

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>tareWeight</b>	Double	Optional	9,2	<ul style="list-style-type: none"> <li>The piece count should not be null.</li> <li>In the range from 0.00 to 9999999.99.</li> </ul>	Example: 6543.98	The weight of the empty container.	9,2 (9 digits and 2 digits after the comma)
<b>grossWeight</b>	Double	Optional	9,2	<ul style="list-style-type: none"> <li>The piece count should not be null.</li> <li>In the range from 0.00 to 9999999.99.</li> </ul>	Example: 44567.98	The weight of the contents and the container.	9,2 (9 digits and 2 digits after the comma)

Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>weightUOM</b>	Big Integer	Optional	20		Valid Values: <ul style="list-style-type: none"> <li>• KG</li> <li>• LB</li> </ul>	The attribute <b>weightUOM</b> stands for " <b>weight unit of measure</b> ." It refers to the unit of measurement used to express the weight of a shipment of goods.	
<b>freightDescription</b>	String	Optional	50	<ul style="list-style-type: none"> <li>• The freight description should not be null.</li> <li>• It should not exceed more than 50 characters.</li> </ul>	LAWN AND GARDEN PARTS	Description of the cargo.	

**Table 3. Header API Tables (continued)**

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>isHazmat</b>	TINYINT	Optional	1	True/False	Valid Values: <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> <li>• Not Provided</li> </ul>	An identifier that the unit contains hazardous materials.	
<b>serviceCode</b>	String	Required		<ul style="list-style-type: none"> <li>• It must be unique.</li> <li>• It must be one of the items from the enumeration list.</li> </ul>	BAS (Base Dray) CHE (Chassis Rental) DRC (Bare Chassis) 405 (Additional Fuel Surcharge)	A unique code for the type of charge.	



Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
					CTS (Carbon Tax Surcharge)  CTF (Clean Truck Fee)  BRS (Bridge Service Fee)  OTH (Other Additional)  BOB (Bobtail/Diversi on/Deadrun)  CLN (Cleaning)  DBD (Cross Dock/Transload)		

Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
					CUS (Customs)  SRG (Storage/Demurrage)  DEP (Detention with Power)  DEW (Detention without Power)  PUD (Drop/Pick)  LAB (Extra Labor)  OFU (Fumigation)  GAT (Gate Fee)  HAZ (HAZMAT)		

Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
					LFC (Lift/Flip)  LFT (Liftgate Service)  ISF (Local Security Fee)  SUR (Local Surcharge)  TER (Marine Terminal Handling)  MSG (Miscellaneous)  EXW (Overweight)		

Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
					DET (Detention/Per Diem)  COP (Port Security Fee)  SPT (Pre-Stage/Spot)  RDH (Rail Terminal Handling)  RFM (Reefer)  RES (Residential Pickup or Delivery)		

Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
					SOC (Stop Off Charges)		
					STR (Storage)		
					TSD (Terminal Security Schedule D)		
					TSL (Terminal Security Schedule		
					IHT (Tolls)		
					WTG (Wait Time)		
					MST (Multi-stop Surcharge)		

Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
					CHS (Chassis Surcharge)		
<b>amount</b>	Decimal	Required	10,2	<ul style="list-style-type: none"> <li>The amount should not be null.</li> <li>In the range from 0.00 to 9999999.99.</li> </ul>	Example: 40000.50	The amount of the charge.	The <b>amount</b> must be a number between 0.01 and 9,999,999.99 and allow only two decimal places.
<b>currency</b>	String	Optional	10	The currency should not be null.	USD	The <b>currency</b> refers to the three-letter code that represents the currency in which the charge is denominated.	

**Table 3. Header API Tables (continued)**

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>isBillable</b>	String	Required			Valid Values: <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	It indicates whether a charge is billable or not.	
<b>stopType</b>	String	Required	50	<ul style="list-style-type: none"> <li>• It must be in String format.</li> <li>• It should not exceed more than 50 characters.</li> </ul>	Pickup Live Load Live Unload Drop and Pick Delivery Return Rail Move	The type of stop.	

**Table 3. Header API Tables (continued)**

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
					Stop off		
<b>stopName</b>	String	Required	50	<ul style="list-style-type: none"> <li>It must be in String format.</li> <li>It should not exceed more than 50 characters.</li> </ul>	ABCD	The name of the stop.	



**Table 3. Header API Tables (continued)**

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>stopNumber</b>	Integer	Required		<ul style="list-style-type: none"> <li>It must be in String format.</li> <li>It should not exceed more than 50 characters.</li> </ul>	1313	A unique sequential number that identifies the stop within the work order.	Two stops could not have the same stop number. The stop number should be in a positive integer sequence and starts with 1.
<b>facility</b>	String	Optional				It contains the list of Facility Request Objects which are associated with stop.	
<b>stopReferenceNumber</b>	String	Optional			12312345	An optional number that may be used to reference the stop.	

**Table 3. Header API Tables (continued)**

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>address1</b>	String	Optional	200	<ul style="list-style-type: none"> <li>It must be in String format.</li> <li>It should not exceed more than 200 characters.</li> </ul>	The address1 of the stop Example: "ABC".	The <b>address1</b> attribute typically corresponds to the first line of the address, which may include the street number and name, the apartment or suite number, or other identifying information.	
<b>address2</b>	String	Optional	200	<ul style="list-style-type: none"> <li>It must be in String format.</li> <li>It should not exceed more than 200 characters.</li> </ul>	The address2 of the stop Example: "XYZ".	The <b>address2</b> attribute contains details that do not fit on the first line of the address, such as a building or unit number, a floor or suite number, or other identifying information.	

Table 3. Header API Tables (continued)

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>city</b>	String	Optional	50	<ul style="list-style-type: none"> <li>It must be in String format.</li> <li>It should not exceed more than 50 characters.</li> </ul>	The city of the stop Example: "ABCD".	The <b>city</b> refers to the specific urban area or locality in which the address is located.	
<b>state</b>	String	Optional	50	<ul style="list-style-type: none"> <li>It must be in String format.</li> <li>It should not exceed more than 50 characters.</li> </ul>	The state of the stop Example: "ABCD".	The <b>state</b> refers to the specific political division or administrative region in which the address is located.	

**Table 3. Header API Tables (continued)**

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>postalCode</b>	String	Optional	15	<ul style="list-style-type: none"> <li>It must be in String format.</li> <li>It should not exceed more than 15 characters.</li> </ul>	The postal code of the stop Example: "12072".	The <b>postalCode</b> refers to a system of postal codes used in the United States to identify specific locations.	Zip can only contain letters, numbers, dashes, periods, and spaces.
<b>country</b>	String	Optional	100	<ul style="list-style-type: none"> <li>It must be in String format.</li> <li>It should not exceed more than 100 characters.</li> </ul>	Example: "INDIA".	The <b>country</b> refers to the specific nation or political entity in which the address is located.	A country can be a maximum of two characters.

**Table 3. Header API Tables (continued)**

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>contactName</b>	String	Optional	50	<ul style="list-style-type: none"> <li>It must be in String format.</li> <li>It should not exceed more than 50 characters.</li> </ul>	Example: "XYZ".	The contact person for the stop.	
<b>contactPhone</b>	String	Optional	50	<ul style="list-style-type: none"> <li>It must be in String format.</li> <li>It should not exceed more than 50 characters.</li> </ul>	Example: "111-222-4466".	A <b>contactPhoneNumber</b> is a phone number that is associated with the person or organization at the address, and that can be used to contact that person or organization.	

**Table 3. Header API Tables (continued)**

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>invoiceNumber</b>	String	Required	50	<ul style="list-style-type: none"> <li>It must be in String format.</li> <li>It should not exceed more than 50 characters.</li> </ul>	Example: "ABCD".	An <b>invoiceNumber</b> is a unique identifier assigned to an invoice. It tracks and manages the invoice, and distinguishes it from other invoices.	
<b>mode</b>	String	Required	100	<ul style="list-style-type: none"> <li>It must be in String format.</li> <li>It should not exceed more than 100 characters.</li> </ul>	Valid Values: <ul style="list-style-type: none"> <li>P (Prepaid)</li> <li>C (Collect)</li> <li>3 (3rd Party)</li> </ul>	The attribute <b>mode</b> refers to the specific method or means of issuing or transmitting an invoice to a customer.	

**Table 3. Header API Tables (continued)**

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>scheduledGateInStart</b>	Date/Time	Optional	datetime	Valid date and time in 24-hour formats: <ul style="list-style-type: none"> <li>• MM-dd-yyyy HH:mm:ss</li> <li>• MM-dd-yyyy HH:mm</li> </ul>	MM-dd-yyyyHH:mm	The Scheduled Gate In Start Date and Time.	
<b>scheduledGateInEnd</b>	Date/Time	Optional	datetime	Valid date and time in 24-hour formats:	MM-dd-yyyyHH:mm	The Scheduled Gate In End Date and Time.	

**Table 3. Header API Tables (continued)**

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
				<ul style="list-style-type: none"> <li>MM-dd-yyyy HH:mm:ss</li> <li>MM-dd-yyyy HH:mm</li> </ul>			
<b>scheduledGateInF</b>	String	Optional	10	<ul style="list-style-type: none"> <li>It must be in String format.</li> <li>It should not exceed more than 10 characters.</li> </ul>	Example: "1112223".	The type of date for the scheduled Gate In: At, Before, After or Between.	



**Table 3. Header API Tables (continued)**

Attribute Name	Type	Required/Optional/Conditional/Read Only	Max Length	Condition	Values	Description	Additional Notes
<b>equipmentNumber</b>	String	Optional	11	<ul style="list-style-type: none"> <li>It must be in String format.</li> <li>It should not exceed more than 11 characters.</li> </ul>	Example: "ABC123432".	The container(s) or chassis referenced in the Work Order.	

## 6. Error Codes



**Note:** Please email [support@blumeglobal.com](mailto:support@blumeglobal.com) to speak with Blume Global Support if you require more information on specific error codes.

**Table 4. Error Codes**

Error Code	Error Description
1	<b>Content Errors:</b> Missing Required Field
2	<b>Content Errors:</b> Data not found
3	<b>Content Errors:</b> Invalid JSON
4	<b>Content Errors:</b> Invalid Data
-1	<b>Content Errors:</b> Unknown Error Code
101	<b>Content Errors:</b> Unsupported Source Type
102	<b>Content Errors:</b> Tracking Data Already Initialized
103	<b>Content Errors:</b> Unable to auto assign
104	<b>Content Errors:</b> Date does not match
105	<b>Content Errors:</b> Unable to update
106	<b>Content Errors:</b> Already Completed Job
107	<b>Content Errors:</b> Job Already Assigned
108	<b>Content Errors:</b> Query Params Missing
109	<b>Content Errors:</b> Query Params Parse Error
110	<b>Content Errors:</b> Inactive Job Reference
111	<b>Content Errors:</b> Job is Reassigned
112	<b>Content Errors:</b> Job is Canceled
NOTE: From Range 100	<b>Tracking Exceptions</b>

## 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](mailto:support@blumeglobal.com).