

VSM FOB (Free On Board) Services REST API Collection (1.0.0)

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VSM Webservices Support Team: JSONWebServiceInquiry@dla.mil | License: [VSMFOBLicense](#)

This API Collection provides a comprehensive set of endpoints designed to support shipment processing for vendors using DLA's Vendor Shipment Module (VSM). Each API request is documented with sample payloads, expected responses, JSON Schemas, and error descriptions.

This document will assist any vendor that wishes to create a web service to access these endpoints

Submit FOB Shipment Request

Transaction to submit all the required data to process a shipment. Data such as weight and dimensions of the shipment Container, Pickup Date, Carrier Remarks, Type of Equipment Indicator, and Quantity.

AUTHORIZATIONS: > *mTLS*

REQUEST BODY SCHEMA: application/json

CAGECode required	string = 5 characters A unique five-character alphanumeric identifier assigned to a company.
FOBCode required	string = 2 characters Enum: "DS" "OG" The code used to identify the contract as Origin (OG) or Destination (DS).
SCAC	string <= 4 characters A code that is used to identify transportation companies.
carrierRemarksLine1	string <= 70 characters Any additional information for the carrier.
carrierRemarksLine2	string <= 70 characters Any additional information for the carrier.
pickupDate required	string = 8 characters The Date the materiel/cargo is available to be picked up.

shippingLocationID required	string = 10 characters The ID associated to your shipping location, this will be a specifically formatted Vendors Cage, not the typical CAGE format. The format required will be provided during training.
trackingNumber	string <= 30 characters The tracking number assigned to the shipment.
typeEquipmentIndicator	string <= 3 characters The type of vehicle/trailer used for the shipment.
vendorReferenceNumber	string <= 30 characters A vendor supplied reference number.
containers > required	Array of objects (container) non-empty

Responses

> 200 Success

> default Error Response

POST /VSM/FreeOnBoardShipment

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

```
{
  "CAGECode": "BADRI",
  "shippingLocationID": "CBADRI0000",
  "FOBCode": "OG",
  "SCAC": "",
```

```

    "trackingNumber": "",
    "typeEquipmentIndicator": "AV1",
    "carrierRemarksLine1": "Badri Manual Line1",
    "carrierRemarksLine2": "Badri Manual Line2",
    "pickupDate": "20250530",
    "vendorReferenceNumber": "TESTREF02262025",
  - "containers": [
      + { ... }
    ]
  }

```

Response samples

200

default

Content type

application/json

Copy

Expand all

Collapse all

```

{
  "TCN": "stringstringstrin",
  - "messages": {
      + "message": [ ... ]
    },
  "requestNumber": "stringstri"
}

```

Get Status On Previously Submitted Shipment Request

Returns a Message Code (messageCode), Message Value (messageValue), and Message Status (messageStatus) for a previously submitted Shipment Request. The returned message data will display if a shipment has been processed or has encountered an issue

AUTHORIZATIONS: >

mTLS

QUERY PARAMETERS

requestNumber
required

string (FOBRequestNumber) = 10 characters

Example: requestNumber=4000005153

Unique identifier returned from a successful Shipment Request.

CAGECode
required

string (CAGECode) = 5 characters

Example: CAGECode=BADRI

A unique five-character alphanumeric identifier assigned to a company.

Responses

> **200** Success

> **default** Error Response

GET /VSM/FreeOnBoardStatus

Response samples

200

default

Content type

application/json

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```
{
  "requestNumber": "stringstri",
  "message": {
    "messageCode": "string",
    "messageValue": "string",
    "messageStatus": "string"
  }
}
```

Get Address for a Previously Submitted Shipment Request

Returns shipment and address information for a previously submitted Shipment Request. The details include: Tracking Number (trackingNumber), Standard Carrier Alpha Code (SCAC), the Ship To address lines, and the Ultimate Consignee address lines

AUTHORIZATIONS: > *mTLS*

QUERY PARAMETERS

requestNumber
required

string (FOBRequestNumber) = 10 characters

Example: requestNumber=4000005153

Unique identifier returned from a successful Shipment Request.

CAGECode
required

string (CAGECode) = 5 characters

Example: CAGECode=BADRI

A unique five-character alphanumeric identifier assigned to a company.

Responses

> 200 Success

> **default** Error Response

GET /VSM/FreeOnBoardAddress

Response samples

200

default

Content type

application/json

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```
{
  "requestNumber": "stringstri",
  "SCAC": "stri",
```

```
- "trackingNumber": [  
    "string"  
  ],  
  "shipToDODAAC": "string",  
  "issuePriorityGroup ": "s",  
  "shipToAddressLine1": "string",  
  "shipToAddressLine2": "string",  
  "shipToAddressLine3": "string",  
  "shipToAddressLine4": "string",  
  "shipToAddressLine5": "string",  
  "ultimateConsigneeDODAAC": "string",  
  "ultimateConsigneeAddressLine1": "string",  
  "ultimateConsigneeAddressLine2": "string",  
  "ultimateConsigneeAddressLine3": "string",  
  "ultimateConsigneeAddressLine4": "string",  
  "ultimateConsigneeAddressLine5": "string",  
  "message": "string"  
}
```

Submit FOB Document Request

Transaction to receive the relevant shipping documentation for a single processed shipment. This documentation can include: Item Labels, Commercial Invoices (CI), Packing Lists (PKL), Commercial or Government Bill of Lading (CBL/GBL), Country specific Customs Documents, Transportation Control and Movement Document (TCMD), Container Item Labels, and Material Inspection And Receiving Report (DD 250).

The documentation will be sent as PDF files inside a compressed ZIP file.

AUTHORIZATIONS: > *mTLS*

REQUEST BODY SCHEMA: application/json

requestNumber	string (FOBRequestNumber) = 10 characters
	Unique identifier returned from a successful Shipment Request.

CAGECode	string (CAGECode) = 5 characters
	A unique five-character alphanumeric identifier assigned to a company.

Responses

> **200** Returns two parts. A JSON message and a ZIP file

> **default** Error Response

POST /VSM/FreeOnBoardDocuments

Request samples

Payload

Content type

application/json

Copy

```
{
  "requestNumber": "4000005290",
  "CAGECode": "BADRI"
}
```

Response samples

default

Content type

application/json

Copy

```
{
  "code": "string",
  "message": "string",
  "logID": "string"
}
```

Submit FOB Closeout Request

Transaction for Destination Contract vendors to update a shipment with additional needed information. Updateable fields are: Vendor Reference Number (vendorReferenceNumber), Standard Carrier Alpha Code (SCAC), and Tracking Number (trackingNumber)

AUTHORIZATIONS: > *mTLS*

REQUEST BODY SCHEMA: application/json

requestNumber required	string = 10 characters Unique identifier returned from a successful Shipment Request.
CAGECode required	string = 5 characters A unique five-character alphanumeric identifier assigned to a company.
vendorReferenceNumber	string <= 30 characters A vendor supplied reference number.
SCAC	string <= 4 characters A code that is used to identify transportation companies.
trackingNumber	string <= 30 characters The tracking number assigned to the shipment.

Responses

> **200** Success

> **default** Error Response

POST /VSM/FreeOnBoardCloseout

Request samples

Payload

Content type

application/json

Copy

```
{
  "requestNumber": "4000005006",
  "CAGECode": "79343",
  "vendorReferenceNumber": "TEST",
  "SCAC": "UPSN",
  "trackingNumber": "123456"
}
```

Response samples

200

default

Content type

application/json

Copy

```
{
  "message": "string"
}
```