



**Pickup Request Web Service
Implementation Guide
Version 3.00**

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YRC Inc.
Pickup Web Service
Implementation Guide

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Section 1 - Narrative

The Pickup Request web service is a means by which a customer can request a pickup.

The service utilizes the same my.yrc.com secure pickup application. This requires the user to be registered with my.yrc.com and to provide a username and password in the request body.

Production

<https://api.yrc.com/node/api/pickup>

Test

<https://apitest.yrc.com/node/api/pickup>

If valid, YRC's host server will reply with a JSON response containing the pickup number(s), master pickup number (when applicable), weather impact and if the pickup location is a direct or a non-direct point.

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Section 2 - Input Parameters

The following parameters may be included in posts to YRC's secure pickup application.

Required Fields are highlighted. Fields with an asterisk "*" are required when submitting a Certified Pickup request.

Pickup Request Object		
Field Name	Type	Description
login	Object	
username	String	This is your my.yrc.com user name.
password	String	This is your my.yrc.com password.
requester	Object	
role	String	Your relationship to this pickup request. (Values: Shipper, Consignee, Third Party) If role is Consignee, the shipment destination for each shipment on the pickup request must match the requester location information.
company	String	Name of the company requesting the pickup.
address	String	Street address of the party requesting the pickup.
city	String	City of the party requesting the pickup.
state	String	State abbreviation of the party requesting the pickup.
postalCode	String	Postal code of the party requesting the pickup.
country	String	Country code of the party requesting the pickup. (USA, CAN)
contact	Object	Contact object
name	String	Name of the person requesting the pickup.
email	String	Email address of the person requesting the pickup.
phone	String	Phone number of the person requesting the pickup.
phoneExt	String	Phone number extension of the person requesting the pickup

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Pickup Request Object		
Field Name	Type	Description
pickupLocation	Object	
company	String	Name of the company at the pickup location.
address	String	Street address of the pickup location.
city	String	City of the pickup location.
state	String	State abbreviation of the pickup location.
postalCode	String	Postal code of the pickup location.
country	String	Country code of the pickup location. (USA, CAN)
contact	Object	Contact object
name	String	Name of the person on-site at the pickup location.
phone	String	Phone number of on-site contact at the pickup location.
phoneExt	String	Phone number extension of on-site contact at the pickup location.
pickupDate	String	Date that the pickup will be ready. (Format: mm/dd/yyyy)
readyTime	String	Earliest time that the shipment(s) will be ready for pickup. (Format: hh:mm) 24hr local time relative to the pickup location.
closeTime	String	Latest time that the shipment(s) will be ready for pickup. (Format: hh:mm) 24hr local time relative to the pickup location.
isLiftgate	Boolean	Specifies if the lift gate service is required at the pickup location. Ex: Commercial location without forklift or dock. Not available in all areas.
pickupNotes	String	Notes to the dispatcher. Maximum 75 characters.
shipments	Array of Objects	– Minimum of 1, maximum of 99.
destination	Object	

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Pickup Request Object																
Field Name	Type	Description														
company*	String	Name of the company at the shipment destination.														
address	String	address of the shipment destination.														
city	String	City of the shipment destination.														
state	String	State abbreviation of the shipment destination.														
postalCode	String	Postal code of the shipment destination.														
country	String	Country code of the shipment destination. (USA, CAN)														
pieces	Integer	Number of pieces to be picked up for this shipment.														
pieceType	String	Type of pieces. <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Type</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>CTN</td> <td>Carton</td> </tr> <tr> <td>DRM</td> <td>Drum</td> </tr> <tr> <td>PLT</td> <td>Pallet</td> </tr> <tr> <td>REL</td> <td>Reel</td> </tr> <tr> <td>ROL</td> <td>Roll</td> </tr> </tbody> </table>	Type	Description	CTN	Carton	DRM	Drum	PLT	Pallet	REL	Reel	ROL	Roll		
Type	Description															
CTN	Carton															
DRM	Drum															
PLT	Pallet															
REL	Reel															
ROL	Roll															
service	String	Shipment service type. <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Type</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>LTL</td> <td>Standard</td> </tr> <tr> <td>GDEL</td> <td>Guaranteed Standard by 5 p.m.</td> </tr> <tr> <td>ACEL</td> <td>Accelerated</td> </tr> <tr> <td>GTC</td> <td>Time-Critical (Expedited)</td> </tr> <tr> <td>FAF</td> <td>Fast as Flite (Canada)</td> </tr> <tr> <td>VOL</td> <td>Spot Volume</td> </tr> </tbody> </table> <p>Shipments not using the Spot Volume service type must not exceed a volume of 750 ft³ and density must be greater than 6 lb/ft³ (V > 750 ft³ and D < 6 lb/ft³).</p>	Type	Description	LTL	Standard	GDEL	Guaranteed Standard by 5 p.m.	ACEL	Accelerated	GTC	Time-Critical (Expedited)	FAF	Fast as Flite (Canada)	VOL	Spot Volume
Type	Description															
LTL	Standard															
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Pickup Request Object		
Field Name	Type	Description
weightLbs	Integer	Shipment weight in pounds. (lbs.)
length	Integer	Length of the largest piece. (in.) = or < 324 in.
width	Integer	Width of the largest piece. (in.) = or < 92 in.
height	Integer	Height of the largest piece. (in.) = or < 103 in.
quoteId	String	The quote id for this shipment if applicable. Information provided must match the quote.
paymentTerms	String	Payment terms for this shipment. (Values: PPD, COL)
isFood	Boolean	Shipment contains food or perishable items.
isPoison	Boolean	Shipment contains poisonous items.
isCertified	Boolean	Certified Pickup is an optional service provided for a nominal fee. If this is set to true , the fields marked with an asterisk are required.
isHazardous	Boolean	Identifies shipment as hazardous. If this is set to true , the placardType and placardNumber fields are required.
isFreezable	Boolean	Identifies shipment as needing freeze protection. Freeze protection is an optional service. Not available in all areas and/or at all times of the year.
isEmailConfirmation	Boolean	Additional confirmation emails are an optional service, provided at no charge. Use this service to send a confirmation email to other parties interested in the pickup of a particular shipment. If this is set to true , the confirmationEmail field is required.
confirmationEmail	String	Email address to send the confirmation to.
confirmationNotes	String	Notes to add to the confirmation email. Maximum 70 characters.
placardType	String	Hazardous placard type. (Values: NA, UN)
placardNumber	String	Hazardous placard number

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Pickup Request Object		
Field Name	Type	Description
certifiedEmail*	String	Email address for the Certified Pickup service
customerReferenceType	String	Reference number type. (Values: BL, CO, LO, PO, RN)
customerReferenceNumber	String	Reference number value. Maximum 30 characters.

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Section 3 - Output Parameters

Pickup Request Object		
Field Name	Type	Description
isSuccess	boolean	Status of the request. If false, error messages will be provided in the errors field.
referenceIds	Array of Strings	List of pickupIds. One for each shipment.
masterId	String	The Pickup Request Master Reference number allows quick and unique identification of all of your shipments on a pickup request (only populated when you have multiple shipments). Refer to this number when contacting Customer Service 800-610-6500 about this request.
createTS	ISO 8601 Date and Time	Timestamp of when the pickup request was created.
isWeatherAlert	Boolean	Pickup location or local terminal may be experiencing adverse environmental conditions. Please contact Customer Service 800-610-6500 to ensure the pickup request can be completed on the requested date.
isDirect	Boolean	Pickup is considered a direct or non-direct point which may require pickup by a connecting line partner

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Section 4 – POST JSON Body Example

This section documents an example of a POST request and response for **Secure Pickup**.

REQUEST:

```
{
  "login": {
    "username": "*****",
    "password": "*****"
  },
  "requester": {
    "role": "Shipper",
    "company": "Test Enterprises",
    "address": "123 Main St",
    "city": "Overland Park",
    "state": "KS",
    "postalCode": "66213",
    "country": "USA",
    "contact": {
      "name": "Test",
      "email": "test@test.com",
      "phone": "913-888-1234",
      "phoneExt": "5021"
    }
  },
  "pickupLocation": {
    "company": "Test Inc",
    "address": "123 Apple St",
    "city": "Akron",
    "state": "OH",
    "postalCode": "44310",
    "country": "USA",
    "contact": {
      "name": "Test",
      "phone": "330-111-4000",
      "phoneExt": ""
    }
  },
  "pickupDate": "07/25/2017",
  "readyTime": "08:00",
  "closeTime": "23:00",
  "isLiftgate": false,
  "pickupNotes": "TEST DO NOT PICKUP ",
  "shipments": [
    {
      "destination": {
        "company": "Test Inc",
        "address": "123 Main",
        "city": "Beverly Hills",
        "state": "CA",
        "postalCode": "90210",
        "country": "USA"
      },
      "pieces": 10,
      "pieceType": "PLT",
      "weightLbs": 100,
      "length": 48,
      "width": 48,
      "height": 48,
      "service": "LTL",
      "quoteld": "",
      "paymentTerms": "PPD",
      "isFood": true,
      "isPoison": false,
    }
  ]
}
```

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```
    "isCertified": false,  
    "isHazardous": false,  
    "isFreezable": false,  
    "isEmailConfirmation": true,  
    "confirmationEmail": "name@yrcfreight.com",  
    "confirmationNotes": "test notes",  
    "placardType": "",  
    "placardNumber": "",  
    "certifiedEmail": "",  
    "trackingType": "",  
    "trackingNumber": ""  
  }  
}  
}
```

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RESPONSE:

```
{  
  "isSuccess": true,  
  "referenceIds": [  
    "87380070"  
  ],  
  "createTS": "2017-07-14T11:58:06-05:00",  
  "isWeatherAlert": false,  
  "isDirect": true  
}
```