



GLS Web API for Parcel Processing

Developer Documentation

GLS IT Customer Solution Support
+33 532 810 140 – supportitclients@gls-france.com

Document information

Name	GLS Web API pour l'édition d'étiquette – Documentation de développement
Author	GLS IT Services GmbH
Filename	GLS-Web-API_V01-02.docx

Document version history

Version	Date	Changes	Editor
V01.00	07/11/2017	Draft – Initial version for customer	Customer IT Support
V01.01	05/12/2017	Adding SRS in return only mode	Customer IT Support
V01.02	27/03/2018	Syntax error correction	Customer IT Support
V01.03	09/04/2018	Incoterm Code modification, DAP instead of DDU	Customer IT Support

Content

Document information	I
Document version history	I
1 Overview	6
1.1 Resources Structure	6
1.2 Header Structure	7
1.3 Basic Data Formats	7
1.4 Media Types	8
1.5 Common Status Codes	8
1.6 Error Messages	8
1.1 Testing Environment	10
2 Resources	11
2.1 POST –Shipment	11
2.1.1 Shipment Request	11
2.1.2 Shipment Request Parameter Description	12
2.1.3 GLS France Products & Services	13
2.2 Answer in Base64	13
2.2.1 Shipment Response Attributes	13
2.2.2 GLStrackID and URL Link:	14
2.2.3 Label Format	15
3 Appendices	16
3.1 Examples of requests for GLS France products&services	16
3.1.1 Standard Shipment without additional service (1 parcel)	16
3.1.2 Standard shipment without additional (2 parcels)	17
3.1.3 Standard shipment without additional service (with optional shipment informations)	18
3.1.4 Shipment with FlexdeliveryService (FDS)	19
3.1.5 Shipment with ShopDeliveryService (parcelshop chosen by customer)	20
3.1.6 Shipment with ShopDeliveryService (ParcelShop chosen by API)	21
3.1.7 Shipment with ShopReturnService (with one way and return labels)	22
3.1.8 Shipment with ShopReturnService (with only one return label):	23
3.1.9 Pick&ReturnService request	24
3.1.10 Pick&ShipService request	24
3.2 Incoterm Code	25
3.3 Examples of labels sizes: A6, A5 or A6.	25
3.3.1 A6 label:	25

3.3.2 A5 label: 26

3.3.3 A4 label: 26

3.4 Emergency Label UNISHIP..... 27

1 Overview

- API Performance: 300ms - 1500ms / label.
- Requests should be executed sequentially.
- One request per shipment.
- A maximum of 30 labels can be created with one request.
- The shipment and labels are created with the same request. Since the API does not support to retrieve the label at a later time the label must be saved by the requesting application for later use.
- Some services return more than one label per parcel (e.g. *ShoReurnService*)
- Requests with *Pick&ShipService* and *Pick&ReturnService* do not return a label since the label will be printed in the depot.
- The test system creates labels that are marked with a “DEMO”-banner to make sure they are not used in production.
- Today, this API manage our GLS France standard products (BusinessParcel, Euro and Global BusinessParcel) and our following services: FlexDeliveryService, ShopDeliveryService, ShopReturnService as part of a round trip, Pick&Ship and Pick&Return services.

For more detail, see chapter 2.1.3 in page 11.

1.1 Resources Structure

Name	Description
Base URL	https://api.gls-group.eu/public/v1/
Resource	shipments
Authentication	RFC 2617 (https://www.ietf.org/rfc/rfc2617.txt)

1.2 Header Structure

Name	Content
Authorization:	Basique <Base64-encoded username:password>
Accept-Language:	en
Accept-Encoding:	gzip,deflate
Accept:	application/json
Content-Type:	application/json



User login and password will be created specifically for the use of the Web API GLS, please contact us if you do not know them yet.

Ensure that your user login used is setup with shipperId used for shipment labelling.

Example

```
METHODE POST /public/v1/shipments (HTTP/1.1)
Host: api.gls-group.eu
Accept-Language: en
Accept-Encoding: gzip,deflate
Accept: application/json
Content-Type: application/json
Authorization: Basic <Replace with valid credentials>
```

- The optional “Accept-Language” (Default value “en”) value determines the language of the label.
- Accepted languages are given as ISO 3166-2 2-letter code: “de”, “dk”, “fr”, etc.

1.3 Basic Data Formats

Name	Description
Encoding	UTF-8
Date/Timestamp	ISO 8601 YYYY-MM-DDThh:mm:ss+hh:mm or YYYY-MM-DDThh:mm:ssZ

1.4 Media Types

The current version of the API solely supports the media type “application/json”.

1.5 Common Status Codes

Code	Text	Description
201	Created	The request was successful.
400	Bad Request	The request is incomplete or has an invalid structure.
401	Unauthorized	The authentication information that was sent is either missing or invalid. Authentication may be retried.
403	Forbidden	Authentication was successful, but authorization wasn't. The user is not allowed to access the requested resource. Also sent as response for every request of a user account that gets locked out.
404	Not Found	The requested resource does not exist.
405	Method Not Allowed	The HTTP method is not supported for this resource; f. e. a GET on the shipments collection resource must yield this status code.
406	Not Acceptable	The request header contains an accept parameter with an unsupported content type.
500	Internal Server Error	Used to indicate there was a server-side processing failure of some kind. Use this when no other description in the 5xy-range makes sense.
503	Service Unavailable	The API is overloaded currently, try again later. The API sends this code when the systems it depends on are down or react sluggish.

1.6 Error Messages

Name	Description
<i>errors</i>	An array holding error objects.
<i>exitMessage</i>	The short error message.
<i>description</i>	A more verbose description of the error.
<i>exitCode</i>	The error code.

Example:

```
{
  "errors": [
    {
      "exitMessage": "Some error message" ,
      "description": "See the uri http://gls-group.eu/public/somewhere to get details.",
      "exitCode": "X1234"
    }
  ]
}
```

HTTP code	Code	Message	Description
429	0001	Rate limit exceeded	The user has exceeded the rate limit (%s).
403	0002	User account blocked	The user account was blocked.
403	0003	Missing rights	The user is allowed to access the API, but lacks necessary rights (account registration incomplete).
400	0004	Input validation error	An error occurred when validating input: %s.
400	0005	Missing input parameter	An input parameter is missing: %s.
400	0006	Address not supported	The shipment cannot be delivered to or from a given address, details: %s.
406	0008	Not acceptable	The content-type of the POST request is not acceptable.
401	0009	Not authorized	The user is not authorized (wrong username or password).
404	0010	Page not found	The requested resource was not found.
400	0011	Parcel weight limit exceeded	A parcel weight limit was exceeded, details: %s.
405	0011	The HTTP method is not supported for this resource.	The method specified in the Request-Line is not allowed for the resource identified by the Request-URI.
500	9999	Unexpected error	There was a server-side processing failure of some kind.



GLS shipment API does not control if zipcode exists or if couple zipcode / City is OK.

It is up to you to take care of data validity

1.1 Testing Environment

For development and testing purposes please use this Base URL:

<i>Name</i>	<i>Description</i>
<i>Base URL</i>	https:// api-q s.gls-group.eu/public/v1/
<i>Resource</i>	shipments

User login for test :

- Login : **250test**
- Password : **250testpwd**

ShipperId for test :

- CustomerID: **2505400034**
- ContactID: **250aaawbn6**

2 Resources

2.1 POST –Shipment

Name	Description
Base URL	https://api.gls-group.eu/public/v1/
Resource	shipments

2.1.1 Shipment Request

Header

```
POST https://api.gls-group.eu/public/v1/shipments HTTP/1.1
Accept-Encoding: gzip, deflate
Accept-Language: de
Accept: application/json
Content-Type: application/json
Authorization: Basic <Replace with valid credentials>
```

Body

```
{
  "shipperId": "<Your shipperId>",
  "shipmentDate": "2020-12-04",
  "references": ["your références"],
  "addresses":
  {
    "delivery":
    {
      "name1": "Name or Company Name",
      "name2": "Complementary address",
      "name3": "Complementary address",
      "street1": "Main address",
      "country": "FR",
      "zipCode": "60000",
      "city": "Compiègne",
      "contact": "contact name",
      "email": "email@glb-fance.fr",
      "phone": "0351120000",
      "mobile": "0616840012"
    },
    "alternativeShipper":
    {
      "name1": "Name or Company Name",
      "name2": "Complementary address",
      "name3": "Complementary address",
      "street1": "Main Adress",
      "country": "FR",
      "zipCode": "21200",
      "city": "Beaune"
    }
  },
  "parcels":
  [
    {
      "weight": 2.5,
      "references": ["Parcel specific reference"],
      "comment": "Your comment",
    }
  ]
}
```

2.1.2 Shipment Request Parameter Description

N°	Nodes	Attributes	Values	Description	Lenght	Standard	Services				
							FDS	SHD	SRS	P&S	P&R
1	shipperId	>>>	>>>	CustomerID<BLANK>ContactID (provided by GLS - ex: "2500011329 250000007B")	21						
2	shipmentDate	>>>	>>>	Shipment date in format AAAA-MM-JJ (ex: "2017-11-06"). Current date if not provided.	10						
3	references	>>>	>>>	2 possible references separated by a comma (will appear in the field "Note1" on the label AND will be visible on refsup1 and refsup2 in our GLS France tools AND they can be used for track&trace research on our Website YourGLS) ex: ["Reference1", "Reference2"]	20max/Ref						
4	addresses	>>>	>>>	Container node for all addresses	/						
5	>>>	delivery	>>>	Delivery address	/						
6	>>>	alternativeShipper	>>>	Optional address, if you want another sender name and address to appear on the label in the sender box.	/						
7	>>>	return	>>>	Address for the return of the parcel	/						
8	>>>	pickup	>>>	Address for the pickup of the parcel, in case of service ShopReturnService, it is the address of the contact who returning the parcel.	/						
9	>>>	>>>	id	Address ID (useful reference for track&trace research on our Website YourGLS)	0 to 20						
10	>>>	>>>	name1	Company name or consignee name	2 to 35						
11	>>>	>>>	name2	Additional address	0 to 35						
12	>>>	>>>	name3	Additional address	0 to 35						
13	>>>	>>>	street1	Primary address => if multiple lines adress, provide the street name HERE.	3 to 35						
14	>>>	>>>	blockNo1	Number of the house or building in the street - appear after the field "Street1" on the label - Provide ONLY if no indicated in the data in the field "Street1".	1 to 10						
15	>>>	>>>	country	Two letters for the country code -> ISO 3166-1-alpha-2 (ex: "FR")	2						
16	>>>	>>>	zipCode	Postal code (in case of Ireland the province)	1 to 10						
17	>>>	>>>	city	City	2 to 35						
18	>>>	>>>	province	Mandatory for addresses located in Ireland.	2 to 35	IR					
19	>>>	>>>	contact	Contact name	2 to 35						
20	>>>	>>>	email	E-mail - MANDATORY for BtoC	3 to 100						
21	>>>	>>>	phone	Phone number One of the two is mandatory en BtoC	0 to 20						
22	>>>	>>>	mobile	Phone number	0 to 20						
23	>>>	>>>	incoterm	International Commercial Terms (Incoterm) code. (see table in appendix 3.1 - ex: 10)							
24	parcels	>>>	>>>	Container node for the package data	/						
25	>>>	weight	>>>	Weight of the package, decimal separator "." (ex: 2.5)	3 à 5						
26	>>>	references	>>>	2 possible references separated by a comma UNAVAILABLE in the GLS France tools - ONLY DISPLAY ON THE LABEL in the field "Ref. No" ex: ["Reference1", "Reference2"]	20max/Ref						
27	>>>	comment	>>>	Comment (display on the label in the field "Note2" - unavailable in the GLS France tools)	0 à 35						
28	>>>	services	name	Name of the additional service, mandatory only for the services: FlexDeliveryService, ShopDeliveryService, ShopReturnService							
29		infos	name	Additional information for the service. Mandatory for the ShopDeliveryService : parcelshopid							
30			value	ID of the parcel shop for the ShopDeliveryService							
31	returns	>>>	>>>	Node to indicate the weight IF the attribute "return" was chosen in the node "addresses".	/						
32	>>>	weight	>>>	Weight of the parcel for return, decimal separator "." (ex: 2.5)	5						
33	labelFormat	>>>	>>>	PDF or PNG (PDF by default)							
34	labelSize	>>>	>>>	A6, A5 or A4 (A6 by default)							

	Mandatory
	Optional
	not allowed

2.1.3 GLS France Products & Services

- Standard delivery :

National or international shipments without additional services. GLS API calculate automatically the correct product depending of delivery's country: BP (Business Parcel), EBP (Euro Business Parcel) ou GBP (Global Business Parcel).

- Services (covered by GLS France)
 - FDS: FlexDeliveryService => BtoC shipment. Email and SMS are sent to consignee for delivery informations. Consignee can give a redirection order online.
 - SHD: ShopDeliveryService => BtoC shipment. To deliver a parcel in a parcel-shop
 - SRS: ShopReturnService => BtoC shipment. The consignee brings back the parcel to a parcel-shop and the parcel is delivered back to the Shipper
 - P&S: Pick&ShipService => BtoB shipment. Order is given to GLS to pickup a parcel at a chosen address and to deliver it to another consignee's address
 - P&R: Pick&ReturnService => BtoB shipment. Order is given to GLS to pickup a parcel at a chosen address and to deliver it back to the shipper

2.2 Answer in Base64

2.2.1 Shipment Response Attributes

DESCRIPTION OF PARAMETERS FOR CODED ANSWERS IN BASE64

N°	Nodes	Attributes	Description
1	labels	>>>	Body of label(s) encoded in Base64
2	parcels	>>>	Node for informations of the parcel(s). Only this part is to decode in Base64 to get the label(s).
3	>>>	parcelNumber	GLStrackID if the parcel is for France or GP number if it is for International.
4	>>>	trackId	GLStrackID= unique parcel number
5	>>>	location	URL link to track the parcel
6	returns	>>>	Node for informations of the SRS parcel(s) in return.
7	>>>	parcelNumber	GLStrackID for the SRS parcel in return.
8	>>>	trackId	GLStrackID= unique parcel number for the SRS in return.
9	>>>	location	URL link for the parcel SRS
10	location	>>>	URL link to track the parcel(s), all parcels in the answer will be in this link separated by a coma and they will be present on the Web page.
11	consignmentId	>>>	ID for the adress consignment

Example for a shipment of 2 parcels

```
{
  "labels":
  [
    "JVBERi0xLjQKJeLjz9MKMyAwIG9iaia8PC9tRw0Cg4yuiQgwlhjPuXb62qN6tTympRR/vSpvn0UtPwLqE4tr0kZ5U+f6ttHQcu/gOrU8pgUUf70
qb59FLT8C6hOLa9JGeVPn+rbR0HLv4Dq1PKa1JrybBT8gsgoSGWYkS+iMpDGN8iMZs13rQ3DjHwR1YE0vkFmNGu+a20YZuSLqAyk8Q0yo1nzXWvD
MCNfRGUgJw+QGc2a71obhnn5IioDaXzXmINUvTbWxrSBpNYGMZuugk0iSNPG2pg2kNTaIGbTVbBUBGNaWBvTBpJaG8Rsugo2iSBNG2tj2kBSa4OY
TVfBJhGkaWNtTBtIam0Qc7C63u2a0XzbY56NZqlleOYgKMRuq4O01kd3mT9/mB6leOYgKMRuq4O01kd3mT9/mB6leOYgKMR [...]
PgpzdGFydHhZWYKNTM2NDgKJSVFT0YK"
  ],
  "parcels":
  [
    {
      "parcelNumber": "00B075A1",
      "trackId": "00B075A1",
      "location": "https://gls-group.eu/track/00B075A1"
    },
    {
      "parcelNumber": "00B075A2",
      "trackId": "00B075A2",
      "location": "https://gls-group.eu/track/00B075A2"
    }
  ],
  "returns":
  [
    {
      "location": "https://gls-group.eu/track/00B075A1,00B075A2",
      "consignmentId": "00B075A1"
    }
  ]
}
```

2.2.2 GLStrackID and URL Link:

It can be important for our customers to collect the GLStrackID in order to implement them in their own database (ID unique of the parcel in the GLS network) for distribution to their after-sales service and/or their consignees.

For this, you can retrieve this information in the `"parcels"` node behind the `"trackId"` attribute.

In the same way, you can directly retrieve the parcel tracking URL link behind the `"location"` attribute either in the `"parcels"` node for a URL link per parcel, or in the `"returns"` node for a multi-URL links for all parcels.



In case of many labels with just only one request, take care to collect all GLStrackID for all parcels.



In case of the use of a services combination with generating several labels (ex: shipping a standard delivery parcel with SRS return), the GLStrackID of the return label will only be in the `"returns"` node and not in the `"parcels"` node.

2.2.3 Label Format

- PDF format: all shipment's labels, base64 encoded, are in the same PDF file, one label per page.
- PNG format: each label of the shipment, base64 encoded, is in a separate array occurrence See array "label" from [1] to [x].

Example of associative array for an answer in PNG:

	Valeur	
res	<MembreVariant>	
labels		
[1]	iVBORw0KGgoAAAANSUhEUgAABNUAAAbWCAIAAAAvxbCAAACXBIWXMAAC4jAAAulwF4pT92AAIIL0IEQVR4XuydO51uNbZGzxgYQFtYu8WBhdUDaAuLAZR1ri	
[2]	iVBORw0KGgoAAAANSUhEUgAABNUAAAbWCAIAAAAvxbCAAACXBIWXMAAC4jAAAulwF4pT92AAIIGeIEQVR4XuydO51uNbZGzxgYQFtYu8WBhdUDwMjiAGVd	
parcels		
[1]	<MembreVariant>	
[2]	<MembreVariant>	
returns		
location	https://gls-group.eu/track/00B10ZUX,00B10ZUY	
consignmentId	00B10ZUX	

Example of associative array for an answer in PDF:

	Valeur	
res	<MembreVariant>	
labels		
[1]	JVBERi0xLjQKJeLjz9MKMyAwIG9iaiA8PC9UeXBLL1hPYmplY3QvQ29sb3JtcGFjZS9EZXPY2VSR0lvU3VidHlwZS9JbWFnZS9CaXRzUGVYQ29tcG9uZW50IDgvV	
parcels		
[1]	<MembreVariant>	
[2]	<MembreVariant>	
returns		
location	https://gls-group.eu/track/00B10ZWV,00B10ZWW	
consignmentId	00B10ZWV	

3 Appendices

3.1 Examples of requests for GLS France products&services

3.1.1 Standard Shipment without additional service (1 parcel)

```
{
  "shipperId" : "2500011329 250000007B",
  "addresses" :
  {
    "delivery" :
    {
      "name1" : "Mr Destinataire Test",
      "street1" : "6 rue Boy Zelenski",
      "country" : "FR",
      "zipCode" : "75010",
      "city" : "Paris"
    }
  },
  "parcels" :
  [
    {
      "weight" : 2.5
    }
  ]
}
```

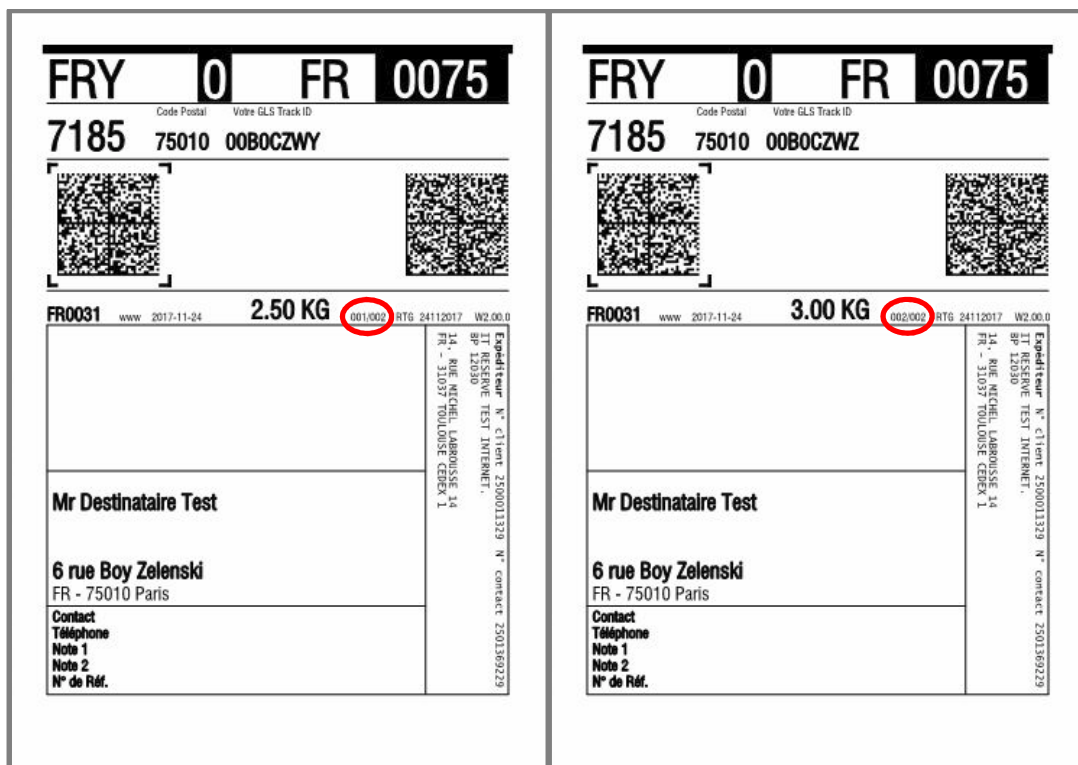
FRY 0 FR 0075	
<small>Code Postal</small> 7185	<small>Votre GLS Track ID</small> 75010 00B0CUJC
	
FR0031	2.50 KG
<small>www 2017-11-24</small>	<small>001/001 RT6 24112017 W2.00.0</small>
Mr Destinataire Test	
6 rue Boy Zelenski FR - 75010 Paris	
<small>Contact Téléphone Note 1 Note 2 N° de Réf.</small>	<small>Expéditeur N° client 2500011329 N° contact 2501369229 IT RESERVE TEST INTERNET. BP 12030 14 - RUE MICHEL LABROUSSE 14 FR - 31037 TOULOUSE CEDEX 1</small>

3.1.2 Standard shipment without additional (2 parcels)

```
{
  "shipperId" : "2500011329 250000007B",
  "addresses" :
  {
    "delivery" :
    {
      "name1" : "Mr Destinataire Test",
      "street1" : "6 rue Boy Zelenski",
      "country" : "FR",
      "zipCode" : "75010",
      "city" : "Paris"
    }
  }
  "parcels" :
  [
    {
      "weight" : 2.5
    },
    {
      "weight" : 3.0
    }
  ]
}
```



In case of multiple parcels in shipment, add as many weight information `"weight" : x.x` in `"parcels"` node.



3.1.3 Standard shipment without additional service (with optional shipment informations)

```
{
  "shipperId" : "2500011329 2500000007B",
  "shipmentDate" : "2017-10-25",
  "addresses" :
  {
    "alternativeShipper" :
    {
      "name1" : "Nom expediteur alternatif",
      "name2" : "Adr2 expediteur alternatif",
      "name3" : "Adr3 expediteur alternatif",
      "street1" : "Adr1 expediteur alternatif",
      "blockNo1" : "16 B",
      "country" : "FR",
      "zipCode" : "60000",
      "city" : "Compiegne",
    },
    "delivery" :
    {
      "id" : "adr A",
      "name1" : "Mr Destinataire Test",
      "name2" : "Adr2 de test",
      "name3" : "Adr3 de test",
      "street1" : "6 rue Boy Zelenski",
      "country" : "FR",
      "zipCode" : "75010",
      "city" : "Paris",
      "contact" : "M. Francois Pignon",
      "phone" : "03 51 12 00 00",
      "mobile" : "06 16 84 00 12",
      "email" : "f.pignon@test.fr"
    }
  },
  "parcels" :
  [
    {
      "weight" : 2.5,
      "references" : ["commande ref1","bl ref2"],
      "comment" : "10 boites d'alumettes"
    }
  ]
}
```

3.1.4 Shipment with FlexdeliveryService (FDS)

```
{
  "shipperId" : "2500011329 250000007B",
  "addresses" :
  {
    "delivery" :
    {
      "name1" : "Mr destinataire Test",
      "street1" : "Test Street 1",
      "country" : "FR",
      "zipCode" : "75010",
      "city" : "Paris",
      "email" : "laurent.raimbault@gls-france.com",
      "mobile" : "+33651561908",
      "phone" : "+33251127519",
      "contact" : "Laurent"
    }
  },
  "parcels" :
  [
    {
      "weight" : 2.5,
      "services" :
      [
        {
          "name" : "flexDeliveryService"
        }
      ]
    }
  ],
  "labelSize" : "A6"
}
```

FRY 0 FR 0075	
<small>Code Postal Votre GLS Track ID</small>	
7185	75010 00B0D5Z0
F	
	
	
FR0031 <small>www</small> 2017-11-24 2.50 KG 001.001 RTG 24112017 W2.00.0	
Mr destinataire Test	
Test Street 1 FR - 75010 Paris	
Contact Laurent Téléphone +33251127519 Note 1 Note 2 N° de Réf.	
<small>Expéditeur N° client 2500011329 N° contact 2501369229 IT RESERVE TEST INTERNET. BP 12030 14 RUE MICHEL LABROUSSE 14 FR - 31037 TOULOUSE CEREX 1</small>	

3.1.5 Shipment with ShopDeliveryService (parcelshop chosen by customer)

```
{
  "shipperId" : "2500011329 250000007B",
  "addresses" :
  {
    "delivery" :
    {
      "name1" : "Mr destinataire Test",
      "street1" : "Test Street 1",
      "country" : "FR",
      "zipCode" : "75010",
      "city" : "Paris",
      "email" : "laurent.raimbault@glb-france.com",
      "mobile" : "+33651561908",
      "phone" : "+33251127519",
      "contact" : "Laurent"
    }
  },
  "parcels" :
  [
    {
      "weight" : 2.5,
      "services" :
      [
        {
          "name" : "shopdeliveryservice",
          "infos" :
          [
            {
              "name" : "parcelshopid", "value" : "2500938401"
            }
          ]
        }
      ]
    }
  ]
}
```



3.1.6 Shipment with ShopDeliveryService (ParcelShop chosen by API)

```
{
  "shipperId" : "2500011329 2500000007B",
  "addresses" :
  {
    "delivery" :
    {
      "name1" : "Mr destinataire Test",
      "street1" : "Test Street 1",
      "country" : "FR",
      "zipCode" : "75010",
      "city" : "Paris",
      "email" : "laurent.raimbault@gls-france.com",
      "mobile" : "+33651561908",
      "phone" : "+33251127519",
      "contact" : "Laurent"
    }
  },
  "parcels" :
  [
    {
      "weight" : 2.5,
      "services" :
      [
        {
          "name" : "shopdeliveryservice",
          "infos" :
          [
            {
              "name" : "directshop", "value" : "Y"
            }
          ]
        }
      ]
    }
  ]
}
```



In this case, GLS WEB API calculate the nearest parcelshop depending of the consignee 's address (delivery address in json file)

3.1.7 Shipment with ShopReturnService (with one way and return labels)

```
{
  "shipperId" : "2500011329 250000007B",
  "addresses" :
  {
    "delivery" :
    {
      "name1" : "M LEVEQUE",
      "street1" : "14 rue Michel Labrousse",
      "country" : "FR",
      "zipCode" : "31100",
      "city" : "Toulouse"
    },
    "return" :
    {
      "name1" : "LE MAGASIN EN RETOUR",
      "street1" : "Test Street 21",
      "country" : "FR",
      "zipCode" : "33000",
      "city" : "Bordeaux"
    }
  },
  "parcels" :
  [
    {
      "weight" : 2.5,
      "comment" : "test comment",
      "services" :
      [
        {
          "name" : "shopreturnservice"
        }
      ]
    }
  ],
  "returns" :
  [
    {
      "weight" : 4.0
    }
  ]
}
```

0 FR 0031	
0195	31100 00B1BMVL
 	
FR0031	2.50 KG
M LEVEQUE 14 rue Michel Labrousse FR - 31100 Toulouse Contact Téléphone Note 1 Note 2 N° de Réf.	

	
ShopReturnService Votre GLS Track ID: 00B1BMVM Mondial Relay - Retour GLS 	
LE MAGASIN EN RETOUR Test Street 21 FR - 33000 Bordeaux Contact Téléphone Note 1 Note 2	

Partie à conserver

Votre GLS Track ID 00B1BMVM

Pour retourner votre colis, respectez les étapes suivantes:

- 1 - Emballez soigneusement votre marchandise dans un carton.
- 2 - Découpez et collez l'étiquette sur votre colis.
- 3 - Prenez soin delever toute autre étiquette de transport.
- 4 - Sélectionnez votre Point Relais sur l'appli GLS ou gls-group.eu.
- 5 - Déposez votre colis dans le Point Relais.
- 6 - Suivez votre colis sur l'appli GLS ou gls-group.eu en saisissant votre numéro TrackID ci-dessous.

ShopReturnService Votre GLS Track ID: 00B1BMVM LE MAGASIN EN RETOUR Test Street 21 FR - 33000 Bordeaux Contact Téléphone Note 1 Note 2		Expéditeur N° client 2500011329 N° contact 2501892929 M LEVEQUE 14 rue Michel Labrousse FR - 31100 Toulouse
----------------------------------------------------------------------------------------------------------------------------------------------------------------	--	----------------------------------------------------------------------------------------------------------------------

3.1.8 Shipment with ShopReturnService (with only one return label):

```
{
  "shipperId" : "2505400034 250aaawbn6",
  "addresses" :
  {
    "pickup" :
    {
      "name1" : "M LEVEQUE",
      "street1" : "14 rue Michel Labrousse",
      "country" : "FR",
      "zipCode" : "31100",
      "city" : "Toulouse"
    },
    "delivery" :
    {
      "name1" : "MA SOCIETE EN RETOUR",
      "street1" : "Test Street 21",
      "country" : "FR",
      "zipCode" : "33000",
      "city" : "Bordeaux"
    }
  },
  "parcels" :
  [
    {
      "weight" : 2.5,
      "comment" : "test comment",
      "services" :
      [
        {
          "name" : "shopreturnservice",
          "infos" :
          [
            {
              "name" : "returnonly", "value": "Y"
            }
          ]
        }
      ]
    }
  ]
}
```



The generation of a return label only (through a parcel drop by the consignee in a relay point) is done by adding to the body about sending parameter **"return"** in the node **"addresses"** and by adding **"services" : "name" : "shopreturnservice"** **AND** adding one node **"infos" : "name" : "returnonly", "value" : "Y"**.

3.1.9 Pick&ReturnService request

```
{
  "shipperId" : "2500011329 2500000007B",
  "addresses" :
  {
    "pickup" :
    {
      "name1" : "RS enlev",
      "street1" : "Rue enlev",
      "country" : "FR",
      "zipCode" : "75010",
      "city" : "Paris"
    }
  },
  "parcels" :
  [
    {
      "weight" : 2.5
    }
  ]
}
```



Only Pickup address is needed, the delivery address is the shipper one (calculated from shipperId information). No label in answer because in this case the label is printed by GLS depot.

3.1.10 Pick&ShipService request

```
{
  "shipperId" : "2500011329 2500000007B",
  "addresses" :
  {
    "pickup" :
    {
      "name1" : "RS enlev",
      "street1" : "Rue enlev",
      "country" : "FR",
      "zipCode" : "75010",
      "city" : "Paris"
    }
  },
  "delivery" :
  {
    "name1" : "RS livr",
    "street1" : "rue livr",
    "country" : "FR",
    "zipCode" : "31100",
    "city" : "Toulouse"
  },
  "parcels" :
  [
    {
      "weight" : 2.5
    }
  ]
}
```



No label in answer because in this case the label is printed by GLS depot

3.2 Incoterm Code



Code	Text	Abbreviation
10	Delivered free, duty paid, taxed	DDP
20	Delivered free, duty unpaid, untaxed	DAP
30	Delivered free, duty paid, untaxed	DDP, VAT unpaid
40	Delivered free, no duty, no taxes	DAP, cleared
50	Delivered free, duty paid, low value exemption clearance (german "Freischreibung")	DDP

3.3 Examples of labels sizes: A6, A5 or A4.

3.3.1 A6 label:

FRY 0 FR 0075	
<small>Code Postal</small>	<small>Votre GLS Track ID</small>
7185	75010 00B0CUJC
	
FR0031	2.50 KG
<small>www 2017-11-24 001/001 RTG 24112017 W2.00.0</small>	
Mr Destinataire Test 6 rue Boy Zelenski FR - 75010 Paris <small>Contact Téléphone Note 1 Note 2 N° de Réf.</small>	
<small>Expéditeur N° client 250001319 N° contact 1501369219 IT RESERVE TEST INTERNET. BP 12030 14 RUE MICHEL LABROUSSE 14 FR - 31037 TOULOUSE CEDEX 1</small>	

3.3.2 A5 label:

Specimen client		FRY 0 FR 0075 <small>Code Postal Votre GLS Track ID</small> 7185 75010 0080D6QC	
Votre GLS Track ID 0080D6QC		 	
Numéro Collis Date d'expédition Poids Collis	0080D6QC 24.11.2017 2.50 KG 001/001	FR0031 <small>www</small> 2017-11-24 2.50 KG 001/001 RTG 24112017 HQ.00.0	
Site GLS FR0031 <small>www</small> Date d'acheminement RTG 24112017		<small>W2.08.0</small> Expéditeur N° client 250011129 N° contact 2501565228 IT RESUME TEST INTERNET 14, RUE MICHEL LABROUSSE 34 FR - 32037 TOULOUSE CEDEX 1	
Mr destinataire Test 6 rue Boy Zelenski FR - 75010 Paris Contact Téléphone Note 1 Note 2 N° de Réf.		Mr destinataire Test 6 rue Boy Zelenski FR - 75010 Paris Contact Téléphone Note 1 Note 2 N° de Réf.	

3.3.3 A4 label:

Merci de mettre l'étiquette sur le colis de sorte qu'elle soit clairement lisible.

FRY 0 FR 0075 <small>Code Postal Votre GLS Track ID</small> 7185 75010 0080D6QC		Mr destinataire Test 6 rue Boy Zelenski FR - 75010 Paris Contact Téléphone Note 1 Note 2 N° de Réf.
 		

GLS

3.4 Emergency Label UNISHIP

In case of no communication with our Web API, we can offer you several connectionless printing solutions.

Contact us for more informations about them.