T NT Express

SOLUTIONS D'ETIQUETAGE CLIENTS

INTEGRATION TNT NATIONAL

GB

TNT label description

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Private format file: MAOLX.TXT

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1) Introduction:

TNT has to change its shipping labels in order to insure a reliable transport of your parcels.

Now, in addition to the type 2 of 5 Intervalled “Parcel Id”barcode, a second **28** (or **Datamatrix** if you do not have enough space on your label) “guiding” barcode must be printed on the label, indicating the receiver’s zip code and the service code; also the words “Livraison impérative le Samedi” (LIS: Saturday Delivery) and the suffix CAB must also be printed.

So before printing the TNT label, you must check the TNT depot code, the receiver’s zip code and the CAB suffix

There are two ways to check the TNT depot code: (refer to chapter 8 of this document):

- LMF Web Services request
- List of all depot code in a text file (FRLMF.TXT) available on TNT FTP server.

* * * * * * * * * * * * * * *

Here are the changes in the end-of-day file/EDI manifest and on the TNT label:

In the End-of-day file/EDI Manifest : must be indicated:

- The Routing/LMF version N°(retrieved from one the above solutions) in the **zone 10** of the private format file.

On the label : it is now mandatory to print the following information:

1. TNT depot code, in replacement of the current receiver’s zip code
2. LMF/Routing version N°
3. Second barcode **type 128** (or **Datamatrix** if you do not have enough space on your label)
4. An extra space for TNT to print the 2 new barcodes

Label format : 4.00’’ x 6.00’’ (10.16cm x 15.24cm)

Example of the new TNT label layout

2°) Operating principles:

In order to avoid extra work (data entry) you can setup TNT Express' labelling specificities directly into your transport software; As long as it complies with TNT's shipment, delivery and tracking requirements.

The implementation of this solution is subject to control and validation by TNT of both the labels and the end-of-day file. To do so you must provide TNT with a set of a dozen labels and the matching file.

TNT will then follow-up in case of eventual of malfunction up until the customer start.

For the Domestic, it is necessary to develop:

- A label with a unique ID which will be pasted to all your parcels.
- An end-of-day file in a private or standard format, containing all the shipping of the day which will be transmitted via: FTP, ATLAS 400, IBM GN, GEIS.

EDI Manifest/File must be produced upon collection by the driver.

In case you cannot send the EDI file upon each pickup, send all the EDI data at the latest pickup

The format of the customer file sent to TNT can be or is already :

Private Format « MAOLX » – Description of the file on page 6.
(Invalidate and replace the old MAOLG/MAOLB format)

Private format common to both National and International,
OR Standard format – EDIFACT Norm - Message IFCSUM.

In this case please get in touch with your local TNT IT contact.

3°) Transmit the End-of-day file

Before your parcels are picked up by the TNT driver, you need to process an EDI Manifest with the delivery addresses, weight, etc…

In case of technical problems making it impossible to send us the file, you need to be able to resend it with at least 10 days backup information for the current month.

The file you send MUST reflect what was indeed delivered to avoid any virtual parcels.

Any parcel which was not picked up MUST be deleted from the file before sending to avoid any kind of disagreement.

EDI Manifest/File must be produced upon collection by the driver.

In case you cannot send the EDI file upon each pickup, send all the EDI data at the latest pickup

You can send the file via:

- FTP on our dedicated server – Access granted by TNT.
- ATLAS 400 under private or standard format.

FTP

The file transmitted is a text format ASCII.

It only contains characters indicated in the following hexadecimal values : [21 to 22], [24 to 3F], [40 to 5A], [5A] and [61 to 7A].

The files are dropped at:

- Address : **ftp.ext.tnt.fr**
- Directory : **G_Recept/Edi/Finjourn**
- Login and password will be sent later by email

Each file must be named as follows to be correctly routed from our FTP server to our central system:

- File Name : **RCVFTP.ZZZXXXXXXX**

  RCVFTP.ZZZ: **RCVFTP.** Is a constant value which can never be changed.

  ZZZ Is a trigram provided by TNT when opening the account

  XXXXXXX: whether there are one or several files a day, **XXXXXXX** must be different from one day to another so that we can follow the file history on our server.

  XXXXXXX cannot exceed 7 characters and must only contain letters or digits.

- Never rename the file directly on our server.
- Never add file extension such as .txt

The format of the customer file sent to TNT can be:

- Private Format MAOLX – file description on next page. **(invalidate and replace the old MAOLG format)**
- **Standard format – EDIFACT Norm - Message IFCSUM.**

In this case please get in touch with your local TNT IT contact.

When TNT sends the file to the Customer, depending on the volume of parcels handed to TNT, we can send you a report on a daily basis:

- Private Format – please get in touch with your TNT IT contact for a file description.
- Standard Format – EDIFACT norm – IFTSTA Message.

File description when producing a « Private Format : MAOLX.TXT »

(Saving files in ASCII mode, fixed length, no field separator syntax)

N°	Déb	Description	Type	Length	Déc	O/F	Observations
1	1	Record code	Characters	3		O	« OLX »
2	4	TNT customer reference	Characters	8		O	Provided by TNT
3	12	Shipment Date	Characters	8		O	AAAAMMJJ (ex. : 20091231)
4	20	Parcel Id	Characters	16		O	TNT connote number – specific for each parcel– (see Chapter 6)
5	36	Baby parcel Id (3)	Characters	16		O si RP	(3) – (voir Chapitre 6) – relates to the Return payment (RP)
6	52	Parcel weight	Digits	6	1	O	Format 'XXXX.X' Ex: 0002.5 pour 2,5 Kg
7	58	Customer reference	Characters	10		F	Your connote N°or invoice N°or …
7b	68	Blank	Characters	5		F	Blank
8	73	Declared value	Digits	9		O	Format « **XXXXXXXXX** » - Ex: 000005000 for 5000 €. If the value is null indicate : 000000000
9	82	Declared value currency	Characters	3		O	EUR
10	85	Blank	Characters	25		F	Blank
11	110	Special Instructions 1	Characters	30		F	
12	140	Special Instructions 2	Characters	30		F	
13	170	Sender's Name	Characters	32		O	
14	202	Sender's Address 1	Characters	32		O	
15	234	Sender's Address 2	Characters	32		F	
16	266	Sender's zip code	Characters	10		O	
17	276	Sender's location	Characters	27		O	
18	303	Sender's country	Characters	2		O	Ex. : country Code = FR
19	305	Sender's phone number	Characters	15		O	
20	320	Receiver's Name	Characters	32		O	
21	352	Receiver's Address 1	Characters	32		O	
22	384	Receiver's Address 2	Characters	32		F	
23	416	Receiver's zip code	Characters	10		O	

24	**426**	Receiver's location	Characters	**27**		O	
25	**453**	Receiver's country	Characters	**2**		O	Ex. : country Code = FR
26	**455**	Receiver's phone number	Characters	**15**		F	Format = 9999999999 - no separators or dots
27	**470**	Contact name final	Characters	**30**		F	
28	**500**	Contact name phone number	Characters	**15**		F	Format = 9999999999 - no separators or dots
29	**515**	Cheque receiver's Name	Characters	**32**		F	(1) (3)
30	**547**	Cheque receiver's Address 1	Characters	**32**		F	(1) (3)
31	**579**	Cheque receiver's Address 2	Characters	**32**		F	(1) (3)
32	**611**	Cheque receiver's zip code	Characters	**10**		F	(1) (3)
33	**621**	Cheque receiver's location	Characters	**27**		F	(1) (3)
34	**648**	Cheque receiver's country	Characters	**2**		F	(1) (3)
35	**650**	Amount of the return payment (RP)	Digits	**12**	**2**	O si RP	Format « **XXXXXXXXX.XX** » - Ex : 000001234.50 for 1234.50€ (2) (3) – if the value is null indicate: 000000000.00
36	**662**	Currency Code for the return payment (RP)	Characters	**3**		O si RP	Currency of the country where the return payment is made (Ex : EUR for Euros)
37	**665**	Product Code	Characters	**2**		O	Ex : J , A , JD, …. see product code table
38	**667**	Recording Type	Characters	**1**		O	« C »
N°	**Déb**	**Description**	**Type**	**Long**	**Déc**	**O/F**	**Observations**
39	**668**	Saturday delivery	Characters	**1**		F	If delivery on Saturday is mandatory (LIS), put « S » or a space
40	**669**	Delivery on appointment	Characters	**1**		F	If appointment put "O" like "OUI" in French
41	**670**	Drop-off point number (RC for Relais Colis)	Characters	**6**		F	
42	**676**	*Filler*	Characters	**8**		F	To be left empty
43	**684**	Premium product Notification	Characters	**1**		F	"O" = the sender will be receive an email when the parcel is being delivered. " " = no notification
44	**685**	Parcel confirmed	Characters	**1**		F	"P" = the receiver will be sent an email when the parcel is confirmed at the TNT depot (PEC). " " = no notification
45	**686**	Receiver's Email	Characters	**79**		F	Only one email for both the PEC and TRN notification
46	**765**	Receiver's 2nd phone n°	Characters	**15**		F	Format = 9999999999 - no separators or dots - [usage future]
47	**780**	DG Exempt quantity	Characters	**1**		F	Put 'O' if the field 50 'Dangerous goods option ' is LQ, EQ, BB, LB, ou GM See

							Appendix D
48	**781**	DG quantity not exempted	Characters	**1**		O	Default value ; Put 'N'
49	**782**	Dangerous goods description	Characters	**60**		F	Wording of the dangerous goods. See Appendix D.
50	**842**	Dangerous goods option	Characters	**3**		F	Possible option : LQ, EQ, BB, LB, ou GM. See Appendix D.
51	**845**	Packaging group	Characters	**3**		F	See Appendix D.
52	**848**	Dangerous goods class	Characters	**7**		F	
53	**855**	First code UN	Characters	**7**		F	
54	**862**	Second code UN	Characters	**7**		F	
55	**869**	Brute mass	Digits	**15**	**4**	F	
56	**884**	*Nature of goods*	Characters	**60**		F	[usage future]
57	**944**	Door code	Characters	**10**		F	
58	**954**	*GPS coordinate X customer*	Characters	**10**		F	[usage future]
59	**964**	*GPS coordinate Y customer*	Characters	**10**		F	
60	**974**	Parcel height	Digits	**4**		F	Parcel dimension
61	**978**	Parcel length	Digits	**4**		F	
62	**982**	Parcel width	Digits	**4**		F	
63	**986**	Special Instructions 3	Characters	**30**		F	[usage future]
64	**1016**	*Free zone*	Characters	**30**		F	
65	**1046**	Customer reference	Characters	**30**		F	
66	**1076**	*Customer typology*	Characters	**2**		F	
67	**1078**	LMF version number	Characters	**6**		O	Retrieved via le LMF Web Services or from the FRLMF.TXT file. It is a date DDMMYY justified left followed by spaces (see chapter 8)
68	**1084**	Source version of the system	Characters	**10**			(4) – The default value must be in EDI « **EDI-MAOLX** »

**** Total ****			**1893**	

O/F: **O**bligatoire for mandatory or **F**acultative for optional

(1) Do not fill in if it is the same as the sender's address
(2) Amount and currency only for the main parcel
(3) Return payment information only
(4) The field is supplied with a code to identify the source of the data.

4) BtoC Specificities for a drop-off point deliver y (JD)

For us to handle your parcels left at a drop-off point, you need to comply with data codification norms, such as follows:

N°	Déb.	Description	Type	Length	O/F	Remarks
8	73	Declared value	Digits	9	O	Must be filled with : 000000000
20	320	Receiver's Name **(*A)**	Characters	32	O	Must contain ''RELAIS COLIS''
21	352	Receiver's Address 1	Characters	32	O	Must contain the drop-off point name
22	384	Receiver's Address 2	Characters	32	O	Must contain the drop-off point address
23	416	Receiver's zip code	Characters	10	O	Must contain the drop-off point zip code
24	426	Receiver's location	Characters	27	O	Must contain the drop-off point location
25	453	Receiver's country	Characters	2	O	Must contain the drop-off point country
26	455	Receiver's phone number	Characters	15	F	Must contain Receiver's phone n°mobile or home. Format = 9999999999 - no separators or dots
27	470	Contact name **(*B)**	Characters	30	O	Must contain receiver's SURNAME & FIRST NAME
28	500	Contact phone number **(*C)**	Characters	15	O	Must contain the contact mobile phone n° Format = 9999999999 - no separators or dots. To receive text messages notifications
37	665	Product Code	Characters	2	O	Contact your IT interlocutor Must contain AD or JD
41	670	Drop-off point number **(*D)**	Characters	6	O	Must contain the DROP-OFF POINT number
45	686	Receiver's Email	Characters	79	F	Must contain ONE Email ONLY

O/F : **O for O**bligatoire (Mandatory data) or **F for F**acultative (optional data) .

(*A) Receiver's name:

Must only contain the words **RELAIS COLIS in full and capital letters,** the "Receiver's address" field is reserved for the drop-off point name.

Examples:

- Receiver's name = RELAIS COLIS - Receiver's address 1 = STATION SERVICE TOTAL
- Receiver's name = RELAIS COLIS - Receiver's address 1 = PRESSING CINQ A SEC Example to avoid:
- Receiver's name = STATION SERVICE TOTAL - Receiver's address 1 = CENTRE COMMERCIAL
- Receiver's name = PRESSING CINQ A SEC - Receiver's address 1 = 12 RUE DES ALOUETTES

(*B) Contact name:

Must contain the **SURNAME & FRIST NAME** of the receiver of the parcel. DO NOT add any kind of civility marks such as: Mr or Mrs., to the attention of …

Example :

- DUPONT JEAN or LEFEVRE ANNIE Example to avoid:
- JEAN DUPONT or MR DUPONT JEAN or ATTN DUPONT JEAN or MELLE LEFEVRE ANNIE

(*C) Contact phone number' – to receive text message notification:

Must contain the receiver's contact **MOBILE phone number** (no country code)

The phone number must be 10 digits long, justified on the left with spaces on the right, no separators or dots. Example: (in the following example the *'_' characters stands for a blank space)*

- 0631509015_ _ _ _

Example to avoid:

- 0122334455 or +4401827717020 or 04-72-80-77-77_ ou 06.21.20.65.56_

(*D) Drop-off point reference:

Must contain the drop-off point reference, where the parcel should be delivered. It is **mandatory** data.

N.B: it is a 5 characters reference, which always starts with a letter; it must be justified on the left with spaces on the right.

Example: G1122 ou G3121 ou Q3084 ou K4012

The drop-off point list:

There are 3 different ways to retrieve the drop-off point list:

1. **From TNT FTP server:**

The file **MARELCOL.TXT** contains the list of all the drop-off points. The file is updated daily. Hostname : **ftp.ext.tnt.fr**

Login : **FMJRC01**
Password : **F6543CBN**
File : **/G_Emis/Externe/Mjet/Relais**

Description of the file containing all drop-off points: MARELCOL.TXT

(ASCII mode, fixed length, no field separators)

N°	Déb.	Description	Type	Length	Remarks
1	1	Drop-off point code	Characters	10	Field 41 in the maolx.txt Index xx on the label
2	11	Words « Relais Colis »	Characters	32	Always « Relais Colis » - field 20 in the maolx.txt
3	43	Drop-off point name	Characters	32	Field 21 in the maolx.txt
4	75	Drop-off point address	Characters	32	Field 22 in the maolx.txt
5	107	Drop-off point zip code	Characters	10	Field 23 in the maolx.txt
6	117	Drop-off point location	Characters	27	Field 24 in the maolx.txt

2. **Via URL link:**

Link: **http://www.tnt.fr/public/relaiscolis/telecharger.do?openform**

o Click on « **Télécharger les Relais Colis** », and a window will pop up with the list of all drop-off points. o Click on « **Fichier** » - « **Enregistrer sous.** » and save the file.

3. **Via TNT Web Services using a XML request:**

In this case please get in touch with your TNT IT contact

You can download the Web Services specifications on this address:
www.citsupport.fr/tnt/TNT_CdC-Webservices.zip

5°) BtoC specificities for home delivery (JZ)

For us to handle your parcels left at a drop-off point, you need to comply with data codification norms, such as follows:

N°	Déb.	Description	Type	Length	O/F	Remarks
8	73	Declared value	Digits	9	O	Must be filled with : 000000000
12	140	Special Instructions 2	Characters	30	F	Must contain : DOOR CODE : XXXXX
20	320	Receiver's Name **(*A)**	Characters	32	O	Must contain ''RELAIS COLIS''
21	352	Receiver's Address 1	Characters	32	O	Must contain the drop-off point name
22	384	Receiver's Address 2	Characters	32	O	Must contain the drop-off point address
23	416	Receiver's zip code	Characters	10	O	Must contain the drop-off point zip code
24	426	Receiver's location	Characters	27	O	Must contain the drop-off point location
25	453	Receiver's country	Characters	2	O	Must contain the drop-off point country
26	455	Receiver's phone number	Characters	15	F	Must contain Receiver's phone n°mobile or home. Format = 9999999999 - no separators or dots
27	470	Contact name **(*B)**	Characters	30	O	Must contain receiver's SURNAME & FIRST NAME
28	500	Contact phone number **(*C)**	Characters	15	O	Must contain the contact mobile phone n° Format = 9999999999 - no separators or dots. To receive text messages notifications
37	665	Product Code	Characters	2	O	Contact your IT interlocutor Must contain AD or JD
41	670	Drop-off point reference number **(*D)**	Characters	6	O	Do not fill in this field
44	686	Receiver's Email	Characters	79	F	Must contain ONE Email ONLY

O/F : **O for O**bligatoire (Mandatory data) or **F for F**acultative (optional data) .

(*A) Receiver's Name:

Must contain the SURNAME & FIRST NAME of the receiver, DO NOT add any kind of civility marks such as: Mr or Mrs., to the attention of …

Example :

- DUPONT JEAN or LEFEVRE ANNIE

Example to avoid:

- JEAN DUPONT or MR DUPONT JEAN or ATTN DUPONT JEAN or MELLE LEFEVRE ANNIE

(*B) Contact name:

No civilities marks or other relevant information, follow the same SURNAME & FRIST NAME (refer to **(A)**)

(*C) Contact phone number' – to receive text message notification:

Must contain the receiver's contact **MOBILE phone number** (no country code)

The phone number must be 10 digits long, justified on the left with spaces on the right, no separators or dots. Example: (in the following example the *'_' characters stands for a blank space)*

- 0631509015_ _ _ _

Example to avoid:

- 0122334455 or +4401827717020 or 04-72-80-77-77_ ou 06.21.20.65.56_

(*D) drop-off point reference number:

This field must be left blank.

N.B: the drop-off point reference number (as well as the address) will be entered automatically by TNT.

6º) TNT ID Description (parcel's Id) / MODULO 11 ke y calculation

National: each parcel must be identified by a unique identification number. It contains 16 digits such as follows:

- Receiver's zip code 2 digits.
- Constant '4' 1 digit.
- The last 7 digits of the customer's account 7 digits.
- A unique variable number per parcel 5 digits (*).
- MODULO 11 control key 1 digit.

(*) **The variable number is different for each parcel over a minimum of 1 year period**. It can be serial number going from 0 to 99999, or a parcel reference number specific to the customer's system.

In case 5 digits are insufficient to generate a variable number (more than 100.000 parcels a month or when using the customer reference exceeding 5 digits), it is possible to replace the last 7 digits of the customer's account by a 4 digits site code (please speak to your TNT EXPRESS NATIONAL contact)

- Receiver's zip code 2 digits.
- Constant '2' 1 digit.
- Site code provided by TNT 4 digits.
- Variable number 8 digits.
- MODULO 11 control key 1 digit.

MODULO 11 control key calculation

1 – Apply a weight factor to each of the code's digits starting from the left, according to the following rule:
16.14.12.10.8.6.4.2.3.5.7.9.11.13.15
2 – Calculate the sum of the numbers
3 – Divide the sum by 11
4 – Multiply the decimals by 11 to obtain the rest
5 – Subtract the rest by 11. **The result is the control key.**

* If 10 is the result, the control key is 0.
* If 11 is the result, the control key is 5.

Example: the TNT ID starts with: **754100057471094**

1 – Multiplication of each digit by a weight factor:

7	5	4	1	0	0	0	5	7	4	7	1	0	9	4
X	x	x	x	x	x	x	x	x	x	x	x	x	x	x
16	14	12	10	8	6	4	2	3	5	7	9	11	13	15
===	===	===	===	===	===	===	===	===	===	===	===	===	===	===
112 +	70	+ 48	+ 10	+ 0	+ 0	+ 0	+ 10	+ 21	+ 20	+ 49 +	9	+ 0	+ 117 +	60

2 – The sum is: 526
3 – The division: 526 / 11 = 47,818181818181….
4 – The rest: 0. ,818181818181… x 11 = 9
5 – The subtraction: 11-9 = 2

The result is 2 so MODULO 11 control key is: **2**

The connote number is : **7541000574710942**

7) TNT product code List

Service Code	Product Name	Delivery time	Account Type		Premium
A	9 Express	Before 09H00	Open	BtoB	O
J	Express	Before 13H00	Open	BtoB	N
M	12 Express	Before 12H00	Open	BtoB	O
N	8 Express	Before 08H00 without signature	Open	BtoB	N
T	10 Express	Before 10H00	Open	BtoB	O
AD	9 Express RELAIS COLIS	Before 09H00	Open	BtoC	O
JD	Express RELAIS COLIS	Before 13H00	Open	BtoC	N
MD	12 Express RELAIS COLIS	Before 12H00	Open	BtoC	O
TD	10 Express RELAIS COLIS	Before 10H00	Open	BtoC	O
AZ	9 Express A DOMICILE	Before 09H00	Open	BtoC	O
JZ	Express A DOMICILE	Before 13H00	Open	BtoC	N
MZ	12 Express A DOMICILE	Before 12H00	Open	BtoC	O
TZ	10 Express A DOMICILE	Before 10H00	Open	BtoC	O
AW	9 Express SECURISE	Before 09H00	Specific	BtoB	O
JW	Express SECURISE	Before 13H00	Specific	BtoB	N
MW	12 Express SECURISE	Before 12H00	Specific	BtoB	O
TW	10 Express SECURISE	Before 10H00	Specific	BtoB	O
AP	9 Express RETOUR PAIEMENT	Before 09H00	Specific	BtoB	O
JP	Express RETOUR PAIEMENT	Before 13H00	Specific	BtoB	N
MP	12 Express RETOUR PAIEMENT	Before 12H00	Specific	BtoB	O
TP	10 Express RETOUR PAIEMENT	Before 10H00	Specific	BtoB	O
AF	9 Express FROID	Before 09H00	Specific	BtoB	O
JF	Express FROID	Before 13H00	Specific	BtoB	N
MF	12 Express FROID	Before 12H00	Specific	BtoB	O
TF	10 Express FROID	Before 10H00	Specific	BtoB	O
AE	9 Express L.P.S.E	Before 09H00	Specific	BtoB	O
JE	Express L.P.S.E	Before 13H00	Specific	BtoB	N
ME	12 Express L.P.S.E	Before 12H00	Specific	BtoB	O
TE	10 Express L.P.S.E	Before 10H00	Specific	BtoB	O

8°) How to get the TNT depot code (LMF) / Version n umber

There are two ways to obtain the TNT depot code, depending on the receiver's zip code:

- Via a LMF Web Services request.
- From a depot code file (FRLMF.TXT) available on TNT FTP server.

1- Web Services :

URL http://services.tnt.fr/corp/frlmf/{codePostal} where {codePostal} is a 5 digits only code.

Example : http://services.tnt.fr/corp/frlmf/69008

The LMF/depot service can have 3 different Content-Type:

- ·**text/plain**, chain of characters containing JSON representation of the required LMF/depot.
- ·**application/xml,** a XML representation of the required LMF/depot
- ·**application/json**, a JSON representation of the required LMF/depot.

An access test can be run with Postman (Chrome extension) or with SOAP-UI. The web service response type depends on the « Accept » header sent.
If using an incorrect zip code (invalid format) you will receive a « Bad request » error code (400) HTTP status from the server. In case of a problem or if you do not get any web services response, leave the "numéro de version routing/LMF" field empty.

Example :

- Standard case of a correct zip code (which **exists** in our DB):

  69008
  ```
  <lmf>
      <codeDepot>69B2</codeDepot>
      <codePostal>69008</codePostal>
      <suffixeCAB>0000</suffixeCAB>
      <version>110414</version>
  </lmf>
  ```

  You need to :

  - Fill in the "Numéro de version du LMF" (10) field in the « format Privé MAOLX » file with **110414**.
  - **Print** on the label the « directional » barcode.
  - Print **the TNT delivery depot code** in capital characters.
  - Print on the label the version number vertically with the mention **«Ver: 110414 »**.

- In case of a incorrect zip code (which does **not exist** in our DB) : **69999**
  ```
  <lmf>
      <codeDepot>69      </codeDepot>
      <codePostal>69999</codePostal>
      <suffixeCAB>0000</suffixeCAB>
      <version></version>
  </lmf>
  ```

  The web services response with the version n°is BL ANK/EMPTY

  in this case you need to:

  - Enter spaces only in the "Numéro de version du LMF" (10) field of the « format Privé MAOLX » file.
  - **Do not print** the « directionnel » barcode on the label.
  - Print the **zip code** in capital characters.
  - Print **« Ver : » only**, vertically on the label wihtout the version number.

2- TNT FTP server .TXT. file

Two files are available:

- FRLMF.TXT

  Contains: zip codes/ relating depot code / CAB suffix / LMF version.

- FRAAMMJJ.ver (« AAMMJJ » is the update date)

  The file is empty and its name only indicates the latest update, which helps you confirm which update and version you are using without having to download the FRLMF.TXT. If the date in the file name is more recent than in the one you are using, then you need to download the latest FRLMF.TXT file.

The files are available on our FTP server:

- Hostname : **ftp.ext.tnt.fr**
- Login : **FMJRC01**
- Password : **F6543CBN**
- Folder : **/G_Emis/Externe/Mjet/Relais**

IMPORTANT: It is required that you check on a daily or weekly basis the latest updates of the files.

Description of TNT depot codes file: FRLMF.TXT

(save as ASCII, with a fixed length and no field separator)

N°	Déb.	Description	Type	length	Dec	Remarks
1	1	Receiver's zip code	Characters	5		
2	6	TNT depot code	Characters	4		Print on the label – cf. index 7 for label description
3	10	CAB Suffixe	Characters	4		Indicate in the directional CAB – cf. index 16 label description
4	14	Update date	Characters	6		DDMMYY : Routing version number, field 10 in the maolx.txt and on the label – cf. index 13 label description

Examples :

- Standard case of a correct zip code (which **exists** in our DB): **69008**

Private Format

You need to:

- Fill in the "LMF version number" (10) field in the « Private format MAOLX » file with **110414**.
- **Print** on the label the « directional » barcode.
- Print **the TNT delivery depot code** in capital characters.
- Print on the label the version number vertically with the mention **«Ver: 110414 »**.

- In case of an incorrect zip code (which does **not exists** in our DB): **69999**

  You cannot find the receiver's zip code in the FRLMF.TXT file.

  In this case you need to:

  - Enter spaces only in the "LMF version number" (10) field of the « Private format MAOLX » file.
  - **Do not print** the « directional » barcode on the label.
  - Print the **zip code** in capital characters.
  - Print **« Ver : » only**, vertically on the label without the version number.

9) Label Description

It is now necessary to print, on top of the current parcel id barcode - 2 intervaled of 5 - a second “directional” one 128 type, which indicates the receiver’s zip code as well as the service code and the option « Livraison Impérative le Samedi » (LIS).

See chapter 8 to retrieve the TNT delivery depot code according to the receiver’s zip code.

If you have retrieveed the TNT depot code:

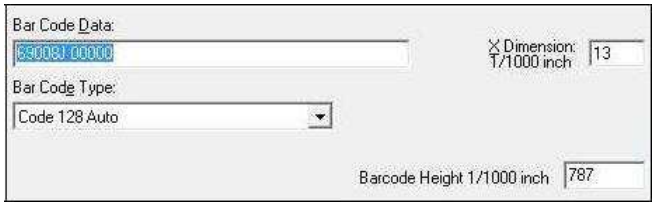
You have retrieved the TNT depot code corresponding to the receiver’s zip code, **so now you MUST print** the “directional” barcode on the TNT label.

Description of the « directional » barcode (index 16 on the label):

- **Content** : Length 12 characters
  AAAAABBCDDDD AAAAA : Receiver’s zip code
  BB : TNT service code justified on the left
  C : Option flag **« Livraison Impérative le SAMEDI »** (LIS) (Value can be : **0** or **1**)
  0 = parcel **IS NOT** a LIS **1** = parcel **IS** a LIS
  SATURDAY : BtoC specificity (Impacted services are AD – TD – MD – JD – AZ – TZ – MZ – JZ (cf. Chapters 4 – 5 and7) the option flag SAMEDI (LIS) **MUST always be set as default on 1**.
  DDDD : CAB Suffix

- **Description** : **2 possible type**:

  Type : **Code 128**
  Width : **52 mm**
  Height : **20mm**
  Resolution : **Minimal 0.35mm**
  Rank : **A or B**
  Space/Blank : **5 mm minimum on each side of the barcode**

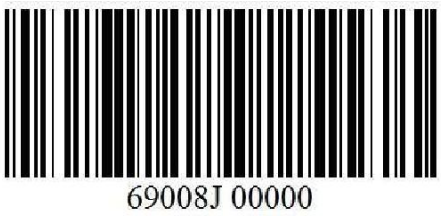


OR

Type : **Datamatrix** (if you do not have enough space on your label)
Width : **9 mm**
Height: **9mm**
Space/Blank : **5 mm minimum on each side of the barcde**

Example:

Zip Code : **69008**
Service Code : **J**
Saturday Option Flag : **0**
Suffix CAB : **0000**
Barcode content : **69008J 00000**



OR

If you did not retrieve the TNT depot Code

You did not find in our database the TNT depot code corresponding to the receiver’s zip code (or the web services response was empty) then you **MUST NOT print** the “directional” barcode **on the TNT label**.

Description of the « bon de transport » barcode 2 intervaled of 5 (index 17) :

- **Content** : Length16 characters
  Cf. Chapter 6 - Description of the TNT Id (parcel's Id) / MODULO 11 key calculation

- **Description** :
  Type : **2 intervaled of 5**
  Width : **60 mm**
  Height : **20mm**
  Resolution : **Minimal 0.35mm**
  Rank : **A or B**
  Blank space: **5 mm minimum on each side of the barcode**

Example :
Receiver's zip code **69**
Constant : **4**
7 last digits of the customer account **6395092**
Variable number unique per parcel **00799**
MODULO 11 key **9**
Barcode content: **6946395092007999**

TNT depot code or receiver's zip code (index 7):

- **Content** : Length 2 to 4 characters maximum Cf. Chapter 8

If you have retrieved the TNT depot code:

- This TNT depot code will be printed on the label replacing the current zip code.

Example: TNT depot code is 69B2

If you did NOT retrieve the TNT depot code:

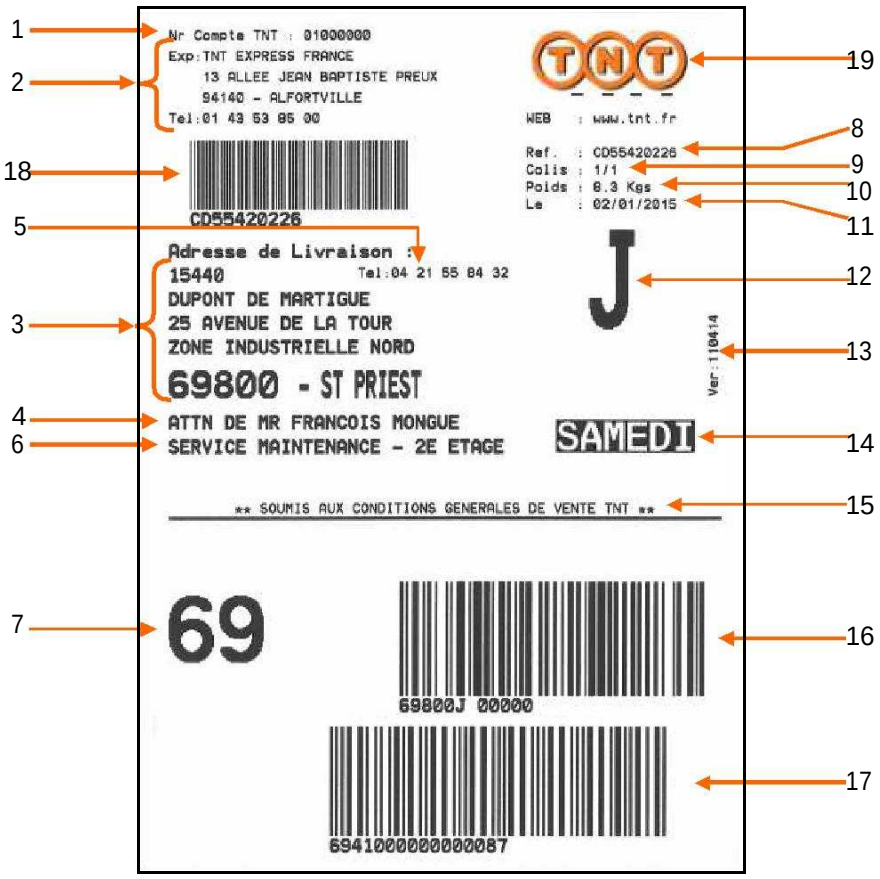
- Then the receiver's zip code which will be printed.

Example: receiver's zip code is 69

In the FRLMF.TXT file there is a zip code: « 99999 » with a depot code « 99Z9 » and a CAB Suffix « 9999 » so that you can run some tests to correctly position the 4 characters TNT depot code on your label.

10) Example of a BtoB label – Express (J):

Label format : 4.00'' x 6.00'' (10.16cm x 15.24cm)



- **Label Description:**

1- TNT invoicing account:	'**Nr Compte TNT:** '8 positions
2- Sender's Address:	'**Exp** : 'company name Street1 / zip code / Location/ Tel
3- Delivery Address:	'**Adresse de Livraison** :' Company name Street 1 Street 2 Zip Code / Location
4- Contact:	Contact
5- Receiver's Telephone:	**'Tel:**' telephone number
6- Instructions:	Instruction 1 Instruction 2

7- TNT depot code obtained via the Routing file downloaded from the TNT FTP server FTP or via TNT web services

8- Customer Reference:	**'Ref :'** Customer Reference
9- Sequence number:	'**Colis :**' Sequence
10-Parcel's weight:	'**Poids** :' weight in '**Kgs**'
11- Presentation Date to TNT:	'**Le** :'DD/MM/YYYY

12- TNT service code

13- Routing version obtained via the Routing file downloaded from the TNT FTP server FTP or via TNT web services
'**Ver** :' version number

14- Saturday AM delivery Option:	**SAMEDI**
15- Legal Instructions	'**Soumis aux conditions générales de vente TNT**'

16- 128 type directional barcode

17- TNT parcel id

18- Space for customer reference CAB – such as Code 39 (Optional)

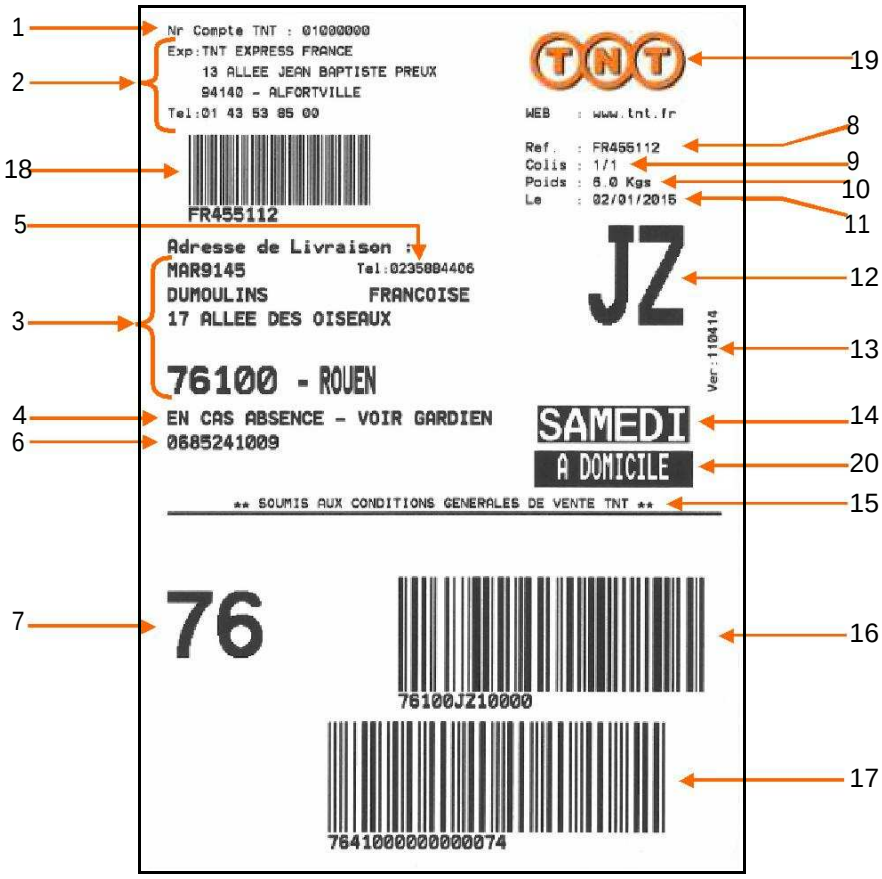
19- TNT Logo

- **BtoB Service Codes :**

Service codes	Name	Delivery times
A	9 Express	Before 09H00
J	Express	Before 13H00
M	12 Express	Before 12H00
N	8 Express	Before 08H00 without signature
T	10 Express	Before 10H00
AW	9 Express SECURISE	Before 09H00
JW	Express SECURISE	Before 13H00
MW	12 Express SECURISE	Before 12H00
TW	10 Express SECURISE	Before 10H00
AF	9 Express FROID	Before 09H00
JF	Express FROID	Before 13H00
MF	12 Express FROID	Before 12H00
TF	10 Express FROID	Before 10H00

11) Example of a BtoC label – home delivery (JZ) :

Label format : 4.00'' x 6.00'' (10.16cm x 15.24cm)



- **Label description:**

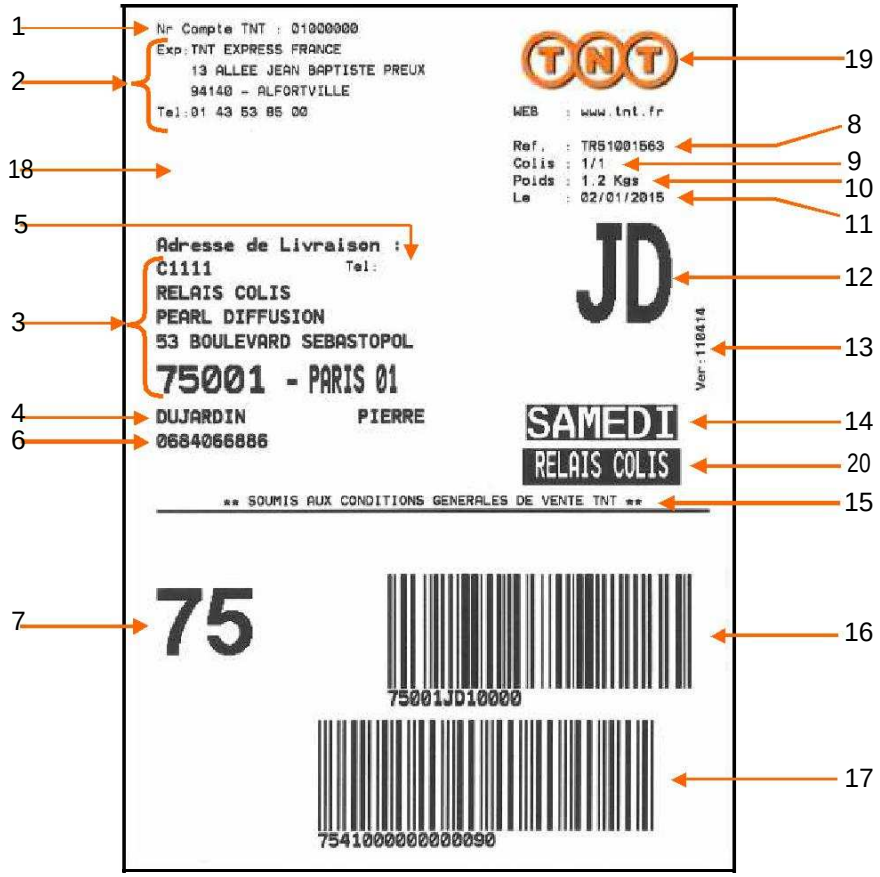
1- TNT invoicing account: '**Nr Compte TNT** : ' 8 positions
2- Sender's Address: '**Exp** : 'Company name
Street 1 / Zip Code / Location / phone
3- Delivery Address: '**Adresse de Livraison** :'
Company name
Street 1
Street 2
Zip code / Location
4- Instruction 1 Additional information (door pin code, floor …)
5- Receiver's phone number: **'Tel:**' telephone number
6- Mobile phone number: Receiver's mobile phone number – no separators
7- TNT depot code retrieved from the Routing file downloaded on TNT FTP server or via TNT web services
8- Customer reference: **'Ref :'** Customer Reference
9- Sequence number: '**Colis :**' Sequence
10-Parcel's weight: '**Poids** :' weight '**Kgs**'
11- Presentation Date to TNT: '**Le** :'DD/MM/YYYY
12- TNT service code
13- Routing version retrieved from the Routing file downloaded on TNT FTP server or via TNT web services
'**Ver** :' version number
14- Saturday AM delivery Option: **SAMEDI**
15- Legal Instructions '**Soumis aux conditions générales de vente TNT**'
16- 128 type directional barcode
17- TNT parcel Id
18- Space for customer reference CAB – such as Code 39 (Optional)
19- TNT
20- Words « **A DOMICILE** » to be printed

- **BtoC Codes services – Home Delivery:**

Service codes	Name	Delivery times
AZ	9 Express A DOMICILE	Before 09H00 am
JZ	Express A DOMICILE	Before 13H00 pm
MZ	12 Express A DOMICILE	Before 12H00 am
TZ	10 Express A DOMICILE	Before 10H00 am

12°) Example of a BtoC label – Delivery in a drop-o ff point (JD) :

Label format : 4.00'' x 6.00'' (10.16cm x 15.24cm)



- **Label Description:**

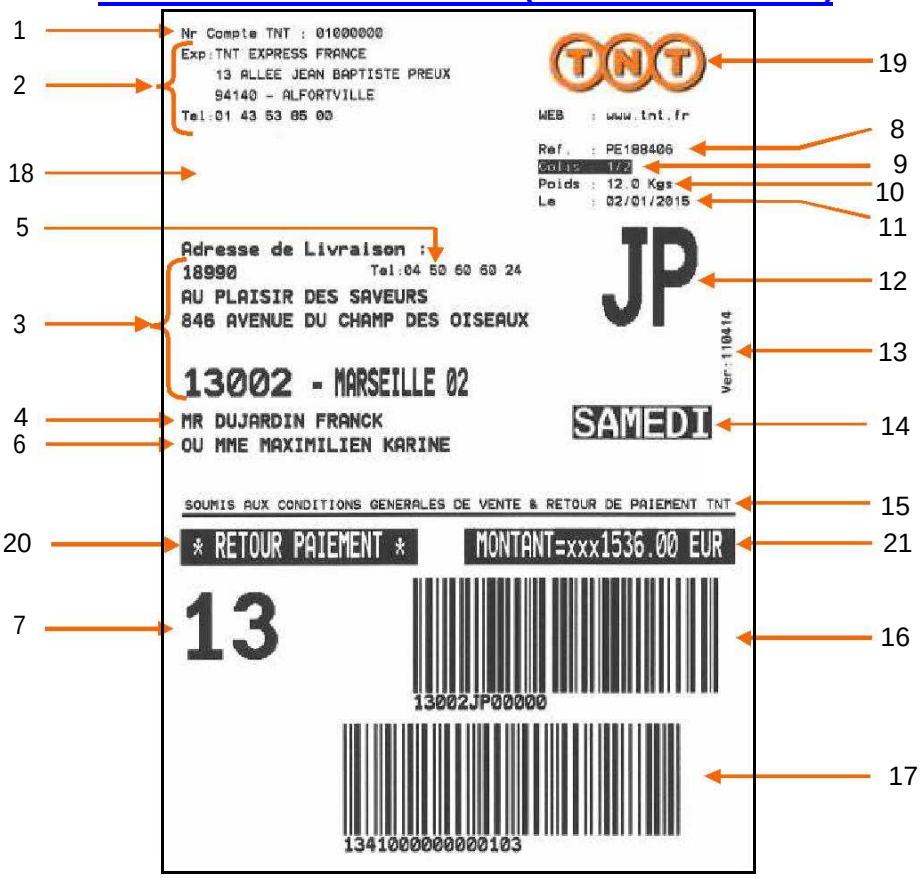
1- TNT invoicing account: '**Nr Compte TNT** : ' account number on 8 positions
2- Sender's Address: '**Exp** : 'Company name
Street 1 / Zip Code / Location / phone
3- Delivery Address: '**Adresse de Livraison** :'
Company name
Street 1
Street 2
Zip code / Location
4- Contact: Contact
5- Receiver's phone number: **'Tel:**' telephone number home or mobile – optional
6- Instructions: Mobile phone N°- **Mandatory**
7- TNT depot code retrieveed from the Routing file downloaded on TNT FTP server or via TNT web services
8- Customer reference: **'Ref :'** customer's reference
9- Sequence number: '**Colis :**' Sequence
10-Parcel's weight: '**Poids** :' Weight '**Kgs**'
11- Presentation Date to TNT: '**Le** :'JJ/MM/AAAA
12- TNT service code
13- Routing version retrieved from the Routing file downloaded on TNT FTP server or via TNT web services
'**Ver** :' version number
14- Saturday AM delivery Option: **SAMEDI**
15- Legal Instructions '**Soumis aux conditions générales de vente TNT**'
16- 128 type directional barcode
17- TNT parcel id
18- Space for the customer's CAB reference – such as Code 39 (Optional)
19- TNT Logo
20- Words **« RELAIS COLIS** » to be printed

- **BtoC service code – Drop-off point delivery:**

Service codes	Name	Delivery times
AD	9 Express RELAIS COLIS	Before 09H00 am
JD	Express RELAIS COLIS	Before 13H00 pm
MD	12 Express RELAIS COLIS	Before 12H00 am
TD	10 Express RELAIS COLIS	Before 10H00 am

13°) Example of a BtoB label – Cash on Delivery (JP):

Label format : 4.00'' x 6.00'' (10.16cm x 15.24cm)



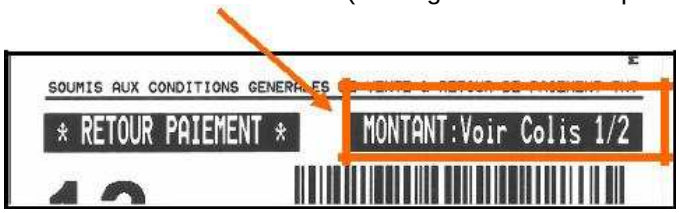
- **Label Description:**

1- TNT invoicing account: '**Nr Compte TNT** : ' account number on 8 positions
2- Sender's Address: '**Exp** : 'Company Name
Street 1 / Zip Code / Location/ Phone
3- Delivery Address: '**Delivery Address**:'
Company Name
Street 1
Street 2
Zip Code / Location
4- Contact: Contact
5- Receiver's phone number: **'Tel:**' phone number
6- Instructions: Instruction 1
Instruction 2
7- TNT depot code retrieveed from the Routing file downloaded on TNT FTP server or via TNT web services
8- Customer reference: **'Ref :'** Customer reference
9- Sequence number: '**Colis :**' Sequence
10-Parcel's weight: '**Poids** :' Weight in '**Kgs**'
11- Presentation Date to TNT: '**Le** :'DD/MM/YYYY
12- TNT service code
13- Routing version retrieved from the Routing file downloaded on TNT FTP server or via TNT web services
'**Ver** :' version number
14- Saturday AM delivery Option: **SAMEDI**
15- Legal Instructions '**Soumis aux conditions générales de vente TNT**'
16- 128 type directional barcode
17- TNT parcel id
18- Space for the customer's CAB reference – such as Code 39 (Optional)
19- TNT Logo
20- Words « *** RETOUR PAIEMENT *** » to be printed
21- Cash on Delivery amount « **MONTANT=xxxxxxx.xx EUR** » to be printed (*)

BtoB Service Codes – Cash on Delivery :

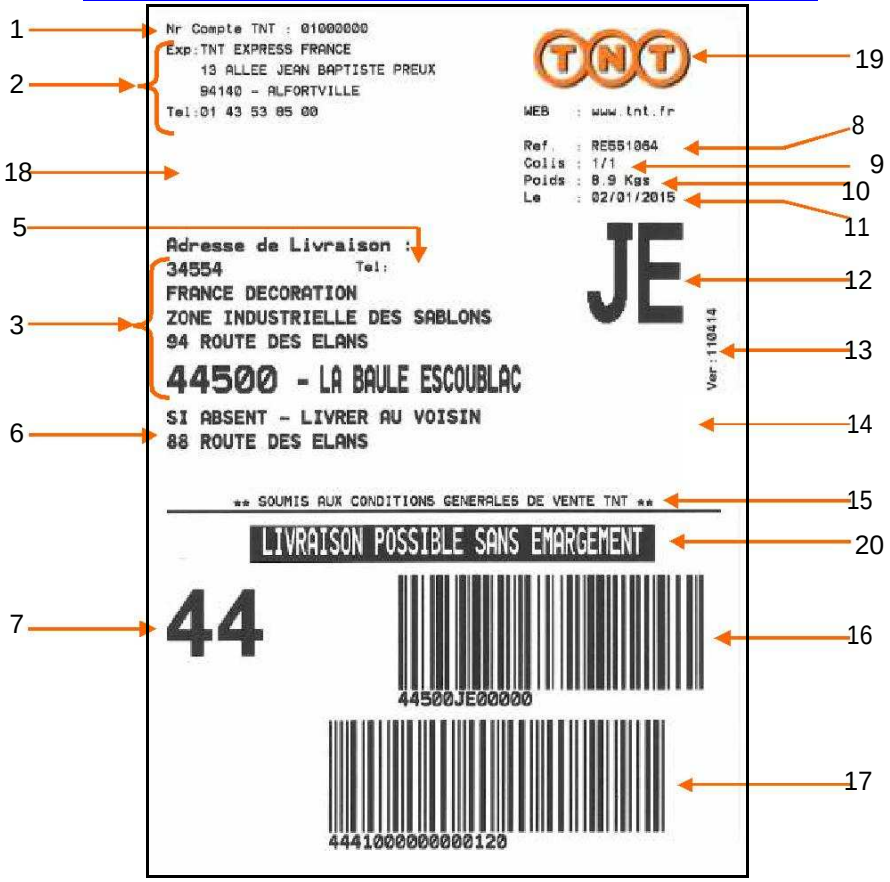
Service codes	Name	Delivery times
AP	9 Express RETURN PAYMENT	Before 09H00 am
JP	Express RETURN PAYMENT	Before 13H00 pm
MP	12 Express RETURN PAYMENT	Before 12H00 am
TP	10 Express RETURN PAYMENT	Before 10H00 am

(*) In case of a mutli-parcels delivery with a Return Payment, zone 21 refers to the 1st parcel of the consignment and the label must indicate the words « **MONTANT: Voir Colis 1/x** » (x being the number of parcels in the consignment)



14) Example of BtoB label – Delivery without signa ture (JE):

Label format : 4.00'' x 6.00'' (10.16cm x 15.24cm)



- **Label Description:**

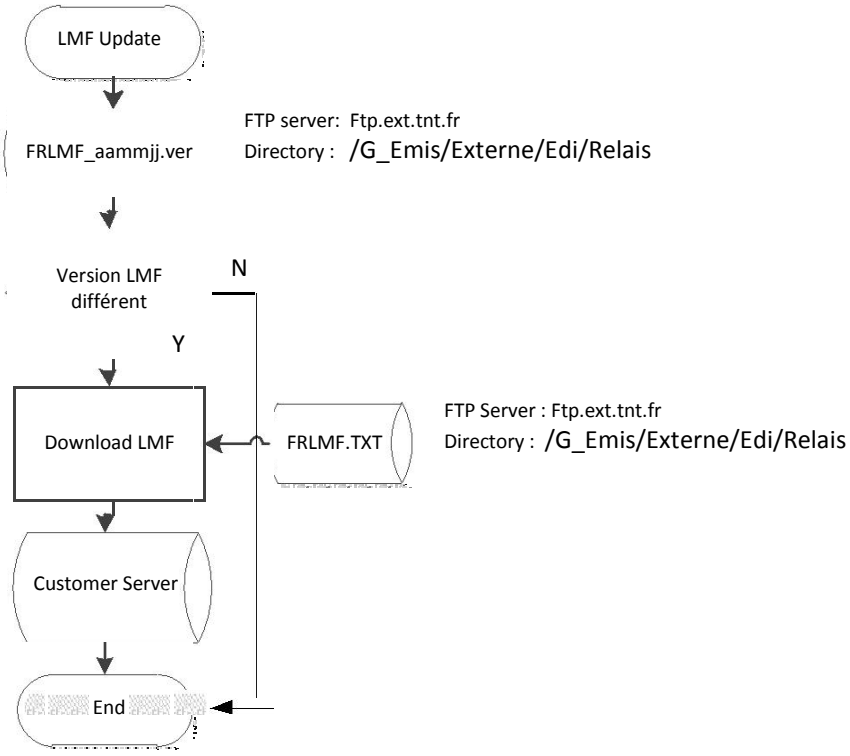
1- TNT invoicing account: '**Nr Compte TNT** : ' Compte de facturation sur 8 positions
2- Sender's Address: '**Exp** : 'Company Name
Street 1 / Zip Code / Location/ Phone
3- Delivery Address: '**Delivery Address**:'
Company Name
Street 1
Street 2
Zip Code / Location
5- Receiver's phone number: **'Tel:**' telephone number
6- Instructions : **INSTRUCTIONS ARE MANDATORY**
Informations complémentaires à l'attention du chauffeur
7- TNT depot code from the Routing file downloaded from TNT FTP server FTP or via TNT web services
8- Customer reference: **'Ref :'** customer reference
9- Sequence number: '**Colis :**' Sequence
10- Parcel's weight: '**Poids** :' Weight '**Kgs**'
11- Presentation date to TNT : '**Le** :'DD/MM/YYYY
12- TNT service code
13- Routing version retrieved from the Routing file downloaded from TNT FTP server or via TNT Web Services
'**Ver** :' version number
14- Option Saturday morning delivery: **SAMEDI**
15- Legal Instructions '**Soumis aux conditions générales de vente TNT**
16- 128 directional barcode type
17- TNT parcel id
18- Space for the customer's CAB reference – such as Code 39 type (Optional)
19- TNT Logo
20- Words « **LIVRAISON POSSIBLE SANS EMARGEMENT** » to be printed

BtoB Service Codes – delivery without signature (*Livraison Possible Sans Emargement* L.P.S.E) :

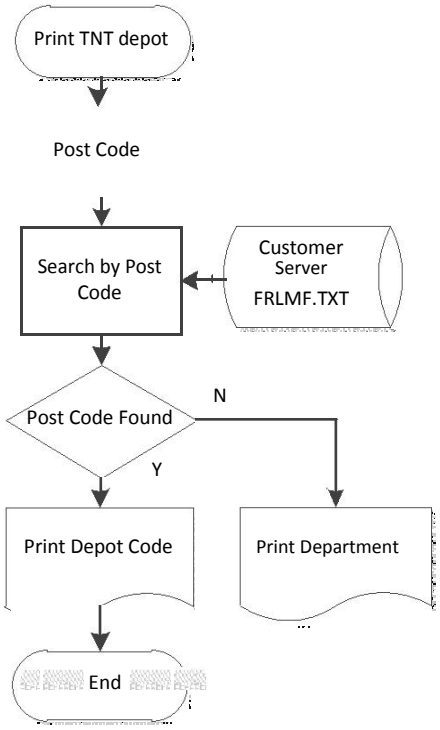
Service codes	Name	Delivery times
AE	9 Express L.P.S.E	Before 09H00 am
JE	Express L.P.S.E	Before 13H00 pm
ME	12 Express L.P.S.E	Before 12H00 am
TE	10 Express L.P.S.E	Before 10H00 am

Appendix A : How to get the TNT depot code via FTP

Update

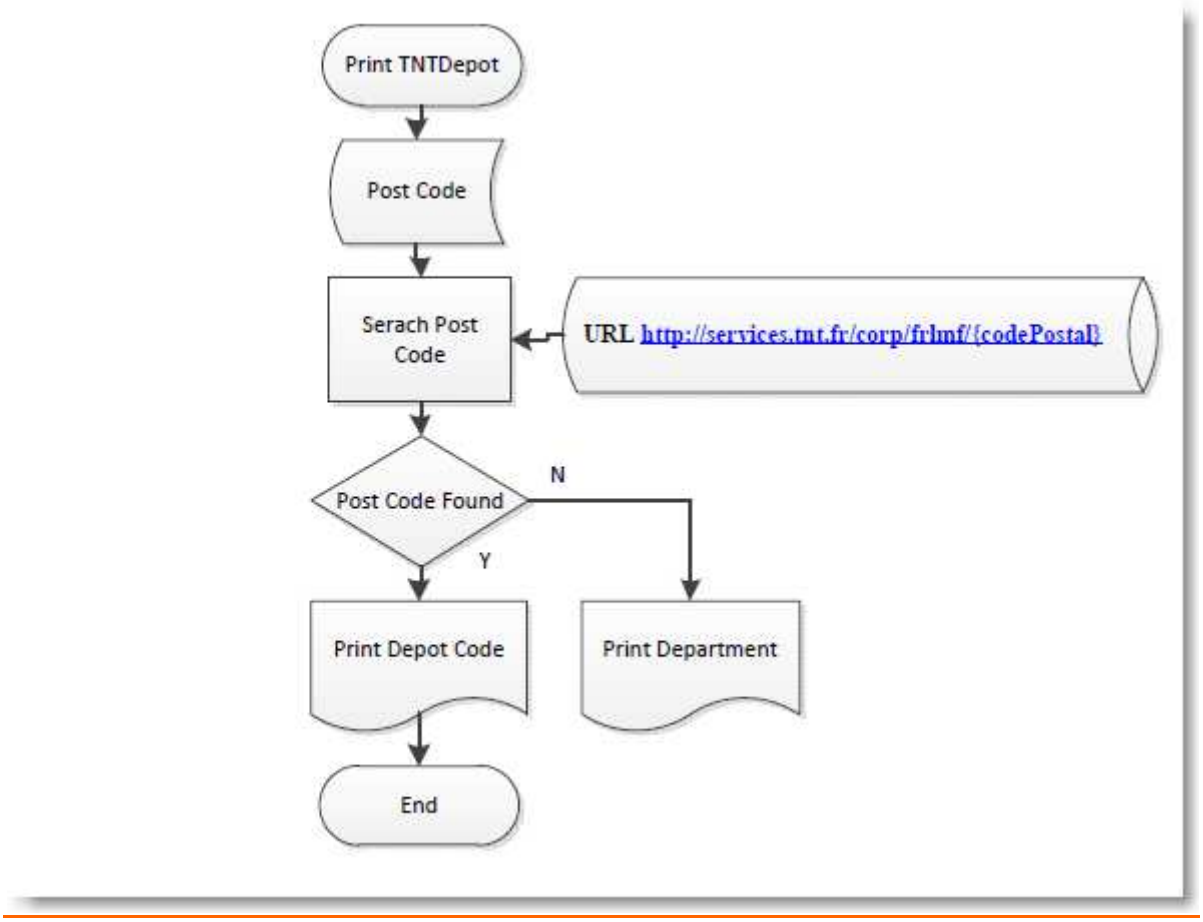


Send a request to get the TNT depot code which will be printed on the label



Appendix B: How to get the TNT depot code via Web Services

Request the TNT depot code which will be printed on the label:



Appendix C : report - Preferred Format

	Denomination	Type	Pos.	Length	Remark
1	Recording Type	Alphanumeric	1	1	
2	Account Number	Alphanumeric	2	9	
3	TNT consignment ID	Alphanumeric	11	16	(1)
4	Customer reference	Alphanumeric	27	18	
5	Confirmation Date	Alphanumeric	45	8	AAAAMMJJ (ex. : 20091231)
6	Confirmation Time	Alphanumeric	53	4	HHMM
7	Event Date	Alphanumeric	57	8	AAAAMMJJ (ex. :20091231)
8	Event Time	Alphanumeric	65	4	HHMM
9	Status Code	Alphanumeric	69	3	
10	Description Status	Alphanumeric	72	30	
11	Event location	Alphanumeric	102	30	
12	Comments	Alphanumeric	132	40	
13	Receiver's name	Alphanumeric	172	16	
14	Consignment weight	Alphanumeric	188	6	9999.9
15	Product Code	Alphanumeric	194	3	
16	Sender's address	Alphanumeric	197	32	
17	Sender's Adresse 1	Alphanumeric	229	32	
18	Sender's Adresse 2	Alphanumeric	261	32	
19	Sender's zip code	Alphanumeric	293	10	
20	Sender's location	Alphanumeric	303	27	
21	Sender's Country Code	Alphanumeric	330	2	
22	Nom du destinataire	Alphanumeric	332	32	
23	Receiver's Adresse 1	Alphanumeric	364	32	
24	Receiver's Adresse 2	Alphanumeric	396	32	
25	Receiver's Zip Code	Alphanumeric	428	10	
26	Receiver's location	Alphanumeric	438	27	
27	Receiver's Country Code	Alphanumeric	465	2	

Appendix D : Dangerous Goods management (DG)

To take advantage of this mode of transport, it's first necessary to get closer to your sales contact.

A validation of our 'Dangerous Goods' is needed.

It's possible to route 5 families DG TNT:

Dangerous goods packed in limited quantities in accordance with the ADR

Dangerous good option : **LQ**

Dangerous goods packed in excepted quantities in accordance with the ADR

Dangerous good option : **EQ**

Biological material UN3373 cat. B according to the P650 of ADR

Dangerous good option : **BB**

Battery or lithium battery conform to the DS 188 ADR

Dangerous good option : **LB**

A MODEM 3245 or OGM conforms to P904 ADR

Option marchandise dangereuse : **GM**

CODE TNT	Extraits ADR	Désignation officielle	Synthèse des obligations de l'expéditeur	Etiquetage
LQ	Voir chapitre **1.1.3.4.2** de l'ADR	Marchandises dangereuses emballées en quantité limitée conforme à l'ADR	• Remettre à TNT un colis conforme • Informer de manière traçable de la masse brute (poids)	
EQ	Voir chapitre **1.1.3.4.3** de l'ADR	Marchandises dangereuses emballées en quantité exceptée conforme à l'ADR	• Remettre à TNT un colis conforme • Informer du nombre de colis de manière traçable	
BB	Voir chapitre **1.1.3.4.1** de l'ADR	UN3373 Matière biologique cat.B conforme à la P650 de l'ADR	• Remettre à TNT un colis conforme	
LB	Voir chapitre **1.1.3.4.1** de l'ADR **disposition spéciale 188**	Batteries ou piles au lithium conforme à la DS 188 de l'ADR	• Remettre à TNT un colis conforme	
GM	Voir chapitre **1.1.3.4.1** de l'ADR **instruction d'emballage P904**	UN 3245 MOGM ou OGM conforme à Inst. Emb. P904 de l'ADR	• Remettre à TNT un colis conforme	
-	Autres Marchandises dangereuses en exemption totale de l'ADR (disposition spéciale ou disposition spéciale d'emballage)		• Apposer un sticker «Avion barré» sur le colis	

DG options are possible for BtoB deliveries.

Regarding the BtoC deliveries, BB and GM options are not allowed.

Below is a summary table of DG options authorized by service code TNT :

	Codes Services	LQ	EQ	BB	LB	GM
BtoB	**A – T - M - J**	O	O	O	O	O
	AW- TW- MW - JW	O	O	O	O	O
	AP – TP – MP – JP	O	O	O	O	O
BtoC	**AD – TD – MD - JD**	O	O	N	O	N
	AZ – TZ – MZ - JZ	O	O	N	O	N

If you are eligible for one of these options you need to integrate them into the EDI file and labels.

Implementation Dangerous Goods in the EDI:

N°	Deb	Description	Type	Long	Dec	Observations
47	**780**	DG exempt quantity	Alpha	**1**		Default value 'O'
48	**781**	DG quantity not exempted	Alpha	**1**		Default value 'N'
49	**782**	Dangerous goods description	Alpha	**60**		Wording of the dangerous goods *
50	**842**	Dangerous goods option	Alpha	**3**		Option : LQ, EQ, BB, LB, or GM
51	**845**	Packaging Group	Alpha	**3**		If the information is available, it is advisable filled these fields.
52	**848**	Dangerous goods class	Alpha	**7**		
53	**855**	A first code UN	Alpha	**7**		
54	**862**	A second code UN	Alpha	**7**		
55	**869**	Brute mass	Num	**15**	**4**	

* Wording of the dangerous goods :

DG Option	* Wording of the dangerous goods
LQ	Dang. goods packed in limited quantities in accordance with the ADR
EQ	Dang. goods packed in excepted quantities in accordance with the ADR
BB	Biological material UN3373 cat. B according to the P650 of ADR
LB	Battery or lithium battery conform to the DS 188 ADR
GM	A MODEM 3245 or OGM conforms to P904 ADR

Appendix E : Implementation Dangerous goods on the label

1°) Label example LQ Dangerous Goods :

(Dangerous goods packed in limited quantities in accordance with the ADR)

LQ Option to add

2°) Label example EQ Dangerous Goods :

(Dangerous goods packed in excepted quantities in accordance with the ADR)

EQ Option to add

3°) Label example BB Dangerous Goods :

(Biological material UN3373 cat. B according to the P650 of ADR)

BB Option to add

4°) Label example LB Dangerous Goods :

(Battery or lithium battery conform to the DS 188 ADR)

LB Option to add

5°) Label example GM Dangerous Goods :

(A MODEM 3245 or OGM conforms to P904 ADR)

GM Option to add