## 810 Invoice

Functional Group ID=TN

## Introduction:

The purpose of this manual is to provide the requirements for original invoices billed to True Value Company.
Two types of invoices are defined:

1. Invoices for merchandise sent to our regional distribution centers (RDC).
2. Invoices for direct shipments (drop shipments) to True Value $®$ members.
3. Credits for direct shipments (drop shipments) to True Value $®$ members.

IMPORTANT! Shaded areas contain True Value Company special requirements. "Must Use" to the left of a data element indicates the element is required by True Value Company.

## Notes:

True Value Company always transmits a Functional Acknowledgement for each of your invoice transmissions. IT IS IMPORTANT TO VERIFY OUR RECEIPT OF YOUR INVOICES BY USING THE FUNCTIONAL ACKNOWLEDGEMENT.

If there is a dispute in the future, it will be your responsibility to provide True Value Company with the invoice Transmission Control Number and Transmission Date. IF YOU CANNOT PRODUCE THESE RECORDS, IT WILL BE TRUE VALUE COMPANY'S POSITION THAT THE INVOICE TRANSACTION SET IN QUESTION WAS NOT RECEIVED.

## Heading:

|  | Pos. <br> No. | Seg. <br> ID | Name | Req. <br> Des. | Max.Use | Loop Repeat | Notes and Comments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Must Use | 005 | ISA | Interchange Control Header | M | 1 |  |  |
| Must Use | 007 | GS | Functional Group Header | M | 1 |  |  |
| Must Use | 010 | ST | Transaction Set Header | M | 1 |  |  |
| Must Use | 020 | BIG | Beginning Segment for Invoice | M | 1 |  |  |
|  | 050 | REF | Reference Identification | O | 6 |  |  |
|  |  |  | LOOP ID - N1 |  |  | 4 |  |
| Must Use | 070 | N1 | Name | M | 1 |  |  |
| Must Use | 090 | N3 | Address Information | M | 1 |  |  |
|  | 100 | N4 | Geographic Location | O | 1 |  |  |
|  | 120 | PER | Administrative Communications Contact | O | 1 |  |  |
| Must Use | 130 | ITD | Terms of Sale/Deferred Terms of Sale | M | 1 |  |  |
| Must Use | 140 | DTM | Date/Time Reference | M | 1 |  |  |
|  | 150 | FOB | F.O.B. Related Instructions | O | 1 |  |  |

250 MSG \begin{tabular}{llll|}

\hline | LOOP ID - N9 |
| :--- |
| Message Text | \& O \& 1 \& 1 <br>

\hline
\end{tabular}

Detail:


## Summary:



Segment: Position: Loop: Level: Usage: Max Use:

Ref. Des. Must Use ISA01

Must Use ISA02

Must Use ISA03

| Must Use | ISA04 |
| :--- | ---: |
| Must Use | ISA05 |

Must Use ISA06
Must Use ISA07
Must Use ISA08

| Must Use | ISA09 |
| :--- | :--- |
| Must Use | ISA10 |
| Must Use | ISA11 |

Must Use ISA12

Must Use ISA13
Must Use

Must Use ISA15

Must Use

## Data Element Summary

## Data

Element Name $\quad \underline{\text { Attributes }}$
I01 Authorization Information Qualifier
M ID 2/2
$00 \quad$ No Authorization Information Present (No Meaningful Information in I02)
I02 Authorization Information M AN 10/10 Spaces
I03 Security Information Qualifier
M ID 2/2
00 No Security Information Present (No Meaningful
Information in I04)
I04 Security Information
M AN 10/10
Spaces
I05 Interchange ID Qualifier
M ID 2/2
Trading Partner's qualifier. For example, 01 for DUNS Number.
Refer to 004010 Data Element Dictionary for acceptable code values.
I06 Interchange Sender ID M AN 15/15
Trading Partner's Identifier. DUNS Number, for example.
I05 Interchange ID Qualifier
M ID 2/2
14 Duns Plus Suffix
I07 Interchange Receiver ID M AN 15/15
006929681100
I08 Interchange Date M DT 6/6
I09 Interchange Time $\quad$ M TM 4/4
I10 Interchange Control Standards Identifier
U U.S. EDI Community of ASC X12, TDCC, and UCS
I11 Interchange Control Version Number
M ID 5/5
$00400 \quad$ Standard Issued as ANSI X12.5-1997
Interchange Control Number M N0 9/9
Acknowledgment Requested M ID 1/1
0
No Acknowledgment Requested
I14 Usage Indicator
P Production Data
T Test Data
I15 Component Element Separator
M AN 1/1
Note: True Value Company can accept any separator and terminator characters that the Trading Partner requires. The defaults are:
-Element separator Hex 2F (ASCII 07), the 'bell' character.
-Segment terminator Hex 15 (ASCII 0D), the 'new line' character.
-Sub element separator Hex 6E (ASCII 2e), the '>' character.

```
Segment: GS Functional Group Header
Position: 007
        Loop:
        Level:
        Usage:
Max Use:
        *eading
        Mandatory
```


## Data Element Summary


Segment: $\mathbf{~} \boldsymbol{T}$ Transaction Set Header

    Position: 010
    
        Loop:
    
        Heading
    
        Usage: Mandatory
    Max Use: 1

| Must Use | $\begin{aligned} & \text { Ref. } \\ & \text { Des. } \\ & \hline \text { ST01 } \end{aligned}$ | Data Element | Name | Attributes |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
|  |  | 143 | Transaction Set Identifier Code | M ID 3/3 |
|  |  |  | 810 Invoice |  |
| Must Use | ST02 | 329 | Transaction Set Control Number | M AN 4/9 |

```
Segment:
        020
        Loop:
        Level:
        Usage:
Max Use:
```


## Data Element Summary

Ref.
Des.
BIG01
Must Use

## Must Use

BIG03

BIG04

Must Use


Segment:
Position: Loop: Level: Usage: Max Use:

Heading
Optional 6


Segment: Position: Loop: Level: Usage: Max Use: Notes:

Must Use $\quad$ 102 Must Use $\mathbf{N 1 0 3}$

Ref.
Des.
N101

Must Use

## Data

Element

Name
070
N1 Mandatory
Heading
Mandatory
1

1. DIRECT SHIP INVOICE:

N 1 loops for REMIT TO $(\mathrm{N} 101=\mathrm{RI})$ and SOLD TO $(\mathrm{N} 101=\mathrm{SO})$ are required.
The SHIP TO is assumed to be the same as the SOLD TO unless the SHIP TO (N101 = ST) N1 loop is sent.

An N1 loop for SHIP FROM (N101 = SF) is optional.

## 2. RDC INVOICE

N1 loops for REMIT TO $(\mathrm{N} 101=\mathrm{RI})$ and SHIP TO $(\mathrm{N} 101=\mathrm{ST})$ are required.

An N1 loop for SHIP FROM (N101 = SF) is optional.

## Data Element Summary

Name
Entity Identifier Code
RI $\quad$ Remit To

RI Remit To
SO Sold To If Different From Bill To
ST Ship To

Nam
Identification Code Qualifier
92 Assigned by Buyer or Buyer's Agent
Identification Code
M AN 2/17

1. ALL INVOICE TYPES:

For REMIT TO (N101 = RI), send True Value Company's vendor number as described below:

The vendor identifier must be ten characters in length. Most often, this is your DUNS number. This is a DIFFERENT number than the number used for RDC Purchase Orders. For various reasons, you many be identified by multiple numbers within our Accounts Payable system. The most common reason is that your products may be in different merchandising departments. Each merchandising department identifies you by a different vendor number. VERIFY YOUR NUMBER WITH THE INVOICING EDI COORDINATOR.

## 2. DIRECT SHIP INVOICE:

For SOLD TO (N101=SO), send the Member number preferred format is described below:

A Member number is 6 characters in length and all numeric. The low order number is a check digit.

You may already have Member identifiers shown in different formats in your customer database. Sometimes Member number information is shown with the two digit RDC number as a prefix followed by a dash. Sometimes Member numbers may include a dash before the check digit. Sometimes a "V" or "C" is shown before the check digit. Members may identify themselves by a 5
character alphanumeric number beginning with "M" or "H". If the Member number starts with " M ", the " M " is converted to " 10 ". If it starts with " H ", the " H " is converted to " 11 ". If a 5 digit member number is all numeric, the number is preceded with " 0 ".

We currently have an algorithm in our system to convert information in this element to the preferred format. However, this algorithm cannot distinguish the two digit RDC numbers. Because it is not part of the store number it should never be sent.

Example:
"M2794" = "102794"
"41236" = "041236"
"11-H098-6" = "110986"
"10-M046C9" = "100469"
"06-6708C2" = "067082"
" 07-7376-7" = "073767"
Optional for SHIP TO (N101 = ST).
3. RDC INVOICE:

For SOLD TO (N101 = SO), True Value's DUNS Number 006929681.
For SHIP TO $(\mathrm{N} 101=\mathrm{ST})$, True Value's RDC number, DUNS +4 as described below:

0069296810001 HARVARD
308 S. Division St
Harvard, IL 60033-3058
0069296810002 CLEVELAND
26025 First St.
Westlake, OH 44145-1400
0069296810003 MANCHESTER
333 Harvey Rd.
Manchester, NH 03103-3345
0069296810004 ATLANTA
7600 Jonesboro Rd.
Jonesboro, GA 30236-2450
0069296810005 BUTLER
One Servistar Way
Butler PA 10629
0069296810006 ALLENTOWN
7058 Snowdrift Road
Allentown, PA 18106-9998
0069296810007 KANSAS CITY
14900 US Hwy 71
Kansas City, MO 64147-1011
0069296810008 KINGMAN
4005 Mohave Airport Drive
Kingman, AZ 86401-6766
0069296810009 CORSICANA
2601 East Highway 31

```
    Corsicana, TX 75110-1010
0069296810010 MANKATO
    2415 3rd Ave.
    Mankato, MN 56001-2797
0069296810012 DENVER
    11275 East 40th Ave.
    Denver, CO 80239-3210
0069296810013 WOODLAND
    215 N. Pioneer Ave.
    Woodland, CA 95776-5907
0069296810026 SPRINGFIELD
    2150 Olympic Ave.
    Springfield, OR }9747
0069296810027 HAGERSTOWN
    16500 Hunters Green Parkway
    Hagerstown, MD 21740
0069296810031 HARVARD CONSOLIDATION
    320 S. Division
    Harvard, IL 60033-3058
0069296810033 SHANGHAI
    Shanghai WaiGaoQiao Bonded Logistics Zone
    Easttop Logistics Co., Ltd.
    Bonded Warehouse No. C1-2
    Shen Ya Rd
    Shanghai WaiGaoQiao Bonded Logistics Park
    Shanghai PRC (200131)
0 0 6 9 2 9 6 8 1 0 0 3 4 ~ Y A N T I A N ~
    ECS Receiving Depot
    Liyou Warehouse, South District
    Free Trade Zone Area, Yantian Port
    Yantian District, Shenzhen, China
0069296810041 HARVARD-CENTRAL SHIP
    306 S. Division
    Harvard, IL 60033-3058
0069296810093 WOODLAND CONSOLIDATION
    215 N. Pioneer Ave.
    Woodland, CA 95776-5907
```

Segment:
N3
Address Information
Position:
Loop: Level: Usage:
Max Use: Notes:

Segment: Position:

Loop: Level: Usage: Max Use: Notes:

| Ref. |
| :--- |
| Des. |
| N401 |
| N402 |
|  |
| N403 |

N405
090
N1 Mandatory
Heading
Mandatory
1
RDC INVOICE:

N4 Geographic Location
100
N1 Mandatory
Heading
Optional
1

1. ALL INVOICE TYPES:

Either a combination of N402 and N403
OR
N405 and N406 is required.
2. RDC INVOICE:
3. DIRECT SHIP INVOICE

Mandatory for SOLD TO (N101 = SO)

## Data

Element Name
19 City Name
156 State or Province Code
Required for USA
116 Postal Code

1. ALL INVOICE TYPES:

ZIP CODE, Required for USA

Note:

309
Location Qualifier

310 Location Identifier

Optional for SOLD TO (N101=SO) and SHIP TO (N101=ST).

DIRECT SHIP INVOICE : for SOLD TO (N101=SO) Mandatory

Data Element Summary

| Data <br> Element <br> $\mathbf{1 6 6}$ | Name <br> Address Information | Attributes <br> M AN 1/35 |
| :---: | :--- | :---: |

Optional for SOLD TO $(\mathrm{N} 101=\mathrm{SO})$ and SHIP TO $(\mathrm{N} 101=$ ST $)$

## Data Element Summary

Attributes
O AN $2 / 30$
O ID 2/2

O ID 3/9

For the SOLD TO N1 loop (N101=SO), the zip code for non-international Member is validated against the Member's zip code on True Value's data base. It is IMPORTANT to provide this information.

X ID 1/2
CC Country
O AN 1/30
Required for international.

Segment: PER

Administrative Communications Contact
Position:
Loop: Level: Usage: Max Use:

120
N1 Mandatory
Heading
Optional
1

## Data Element Summary

Data
Element Name
Attributes
366 Contact Function Code M ID 2/2
CR Customer Relations
Communication Number Qualifier X ID 2/2
TE Telephone
PER04 364 Communication Number $X \quad$ AN 1/20
Complete customer service phone number, including country or area code.

Segment: Position:

Loop:
Level:
Usage:
Max Use:
Notes:

## TTD Terms of Sale/Deferred Terms of Sale

 130Heading
Mandatory
1
Required by True Value Company
If any one of the ITD03, ITD04, or ITD08 is sent, then all three elements are required.

## Data Element Summary

Ref.
Des. ITD02

ITD03

ITD04
ITD06 ITD08

Segment: DTM Date/Time Reference Position: 140
Loop:
Level:
Usage:
Max Use:
Notes:

Data
Element Name
333 Terms Basis Date Code
Invoice Date
338 Terms Discount Percent
O R 1/6
Expressed as a percentage, maximum 3 decimal places.
370 Terms Discount Due Date
446 Terms Net Due Date
X DT 8/8
M DT 8/8
O N2 1/10

Heading
Mandatory
1
Required by True Value Company

## Data Element Summary

Ref. Data
Des.
Element Name
374 Date/Time Qualifier
Attributes
M ID 3/3
011 Shipped
373 Date
X DT 8/8

| Segment: | $\mathbf{F O B}$ |
| ---: | :--- |
| Position: | 150 |
| Loop: |  |
| Level: | Heading |
| Usage: | Optional |
| Max Use: | 1 |

Max Use:

Ref.
Des.
FOB01

## Segment: <br> Position: <br> Loop: <br> Level: <br> Usage: <br> Max Use: <br> Notes:

Must Use | Ref. |
| :---: |
| Des. |
| FOB01 |

Data

| Element |  |
| :---: | :--- |
| 146 | $\underline{\text { Name }}$ |
| Shipment Method of Payment | $\frac{\text { Attributes }}{\text { M ID 2/2 }}$ |


| CC | Collect |
| :--- | :--- |
| PP | Prepaid (by Seller) |

M ID 2/2
$\begin{array}{ccc}\begin{array}{cc}\text { Element } & \\ 146 & \\ & \text { Name } \\ \text { Shipment } & \text { Method of } \mathbf{P} \\ & \text { PP }\end{array} \\ & & \text { Re } \\ \text { Neference Identification }\end{array}$
N9 Conditional
Heading
Conditional
1
Used in conjunction with the MSG segment to send additional invoice information.

## Data Element Summary

Ref.
Des.
N901
N902

## Data Element Summary

Data
Element Name $\quad$ Attributes
128 Reference Identification Qualifier-"ZZ" commonly used X ID 2/3
127 Reference Identification - "MSG" $\quad$ X $\quad$ AN 1/30

| Segment: | MSG Message Text |
| :--- | :--- |
| Position: |  |

Position: 250
Loop: N9 Optional
Level: Heading
Usage: Optional
Max Use:
Notes:
1
Used to send additional invoice information. May also be used to send shipment or ordering store information that cannot be sent in the N1 loop. Must be used in conjunction with N9 segment.

Data Element Summary
Ref.
Des.
MSG01

| Data |
| :---: |
| Element |
| Name |



IT114

IT115
234

DIRECT SHIP INVOICE only: Member's item number
Product/Service ID Qualifier
X ID 2/2
UK UPC/EAN Shipping Container Code (1-2-5-5-1)
Product/Service ID X AN 1/30
UPC/EAN Shipping Container Code ( 14 digit)
GTIN - A 14 digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit.

| Segment: | TT3 | Additional Item Data |
| ---: | :--- | :--- |
| Position: | 030 |  |
| Loop: | IT1 | Optional (Must Use) |
| Level: | Detail |  |
| Usage: | Optional |  |

$\begin{aligned} \text { Max Use: } & 1 \\ \text { Notes: } & \text { DIRECT SHIP INVOICE: }\end{aligned}$

The item status information in IT303 is especially important for Member Direct Ship invoices and should be sent if provided on your paper invoices. The member will use this information to track the order when not shipped complete.

## Data Element Summary

Ref.
Des. IT303

383 Quantity Difference
Backordered quantity

Segment:
Position:
Loop:
Level:
Usage:
Max Use:
Notes:

## CTP

Pricing Information
050
IT1 Optional (Must Use) Detail
Optional
2
Direct Ship only

## Data Element Summary

|  |
| :---: |
|  |



Data
Element Name 236 Price Identifier Code

Manufacturer's Suggested Retail
Retail
For Member's sticker price.
212 Unit Price
Two decimal positions.



| Must Use | Ref. <br> Des. <br> TDS01 | Data <br> Element <br> $\mathbf{6 1 0}$ |
| :--- | :--- | :--- |
| $\frac{\text { Name }}{\text { Amount }}$ <br> This is the sum of merchandise line item extensions plus charges minus <br> allowances. <br> Merchandise extensions must be rounded at the line item level before adding to <br> the invoice total. |  |  |
|  | For credits send negative number, (ex. -200). |  |

Segment:
Position: Loop: Level: Usage: Max Use:

## CAD Carrier Detail

030

Summary
Optional 1

## Data Element Summary

## Ref.

Des.
CAD04
CAD05
CAD07
Data
Element

| Name | Attributes |  |
| :--- | :--- | :---: |
| Standard Carrier Alpha Code | X ID 2/4 |  |

Four characters, alphanumeric
387 Routing X AN 1/35
128
Reference Identification Qualifier
O ID 2/3
CN Carrier's Reference Number (PRO/Invoice)
CAD08 127 Reference Identification $\quad$ AN 1/30

| Segment: | $\mathbf{N A C C}$ Service, Promotion, Allowance, or Charge Information |
| ---: | :--- |
| Position: | 040 |
| Loop: | SAC Optional |
| Level: | Summary |
| Usage: | Optional |
| Max Use: | 1 |




| Segment: | CTTT Transaction Totals |
| ---: | :--- |
| Position: | 070 |
| Loop: |  |
| Level: | Summary |
| Usage: | Mandatory |
| Max Use: | 1 |


|  |
| :---: |
|  |  |

## Data Element Summary

Must Use

| Segment: | $\mathbf{N E}$ Transaction Set Trailer |
| ---: | :--- |
| Position: | 080 |
| Loop: |  |
| Level: | Summary |
| Usage: | Mandatory |
| Max Use: | 1 |

## Data Element Summary

|  | Ref. | Data |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Des. | Element | Name | Attributes |
| Must Use | SE01 | 96 | Number of Included Segments | M N0 1/10 |
| Must Use | SE02 | 329 | Transaction Set Control Number | M AN 4/9 |

