



810 Invoice

Functional Group ID=**IN**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
M	010	ST	Transaction Set Header	M	1	
M	020	BIG	Beginning Segment for Invoice	M	1	
	050	REF	Reference Identification	M	12	
LOOP ID - N1						200
	070	N1	Name	O	1	
	080	N2	Additional Name Information	O	2	
	090	N3	Address Information	O	2	
	100	N4	Geographic Location	O	1	
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
	140	DTM	Date/Time Reference	O	10	
	150	FOB	F.O.B. Related Instructions	O	1	

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
LOOP ID - IT1						200000
	010	IT1	Baseline Item Data (Invoice)	O	1	
LOOP ID - PID						1000
	060	PID	Product/Item Description	O	1	
LOOP ID - SAC						25
	180	SAC	Service, Promotion, Allowance, or Charge Information	O	1	

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
M	010	TDS	Total Monetary Value Summary	M	1	
LOOP ID - SAC						25
	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
	070	CTT	Transaction Totals	O	1	
M	080	SE	Transaction Set Trailer	M	1	



Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Notes: ST*810*00001

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			810 Invoice	
M	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.	



Segment: **BIG** Beginning Segment for Invoice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates
Notes: BIG*20010629*2014353*20010605*400637

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	BIG01	373	Date Date expressed as CCYYMMDD	M DT 8/8
M	BIG02	76	Invoice Number Identifying number assigned by issuer. Note: Maximum Invoice Number length is 12 characters.	M AN 1/12
	BIG03	373	Date Date expressed as CCYYMMDD Retailer's original purchase order date	O DT 8/8
	BIG04	324	Purchase Order Number This element MUST contain the original Duane Reade Purchase Order Number contained in the BEG-03 of the 850 or left BLANK.	M AN 1/22
	BIG05	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction Retailer's release against the purchase order, if used	O AN 1/30



Segment: REF Reference Identification
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Notes: REF*VR*6026
Special: This Segment may contain Duane Reade's Vendor Account Number as it appeared in the original 850 for this Purchase Order. **Note: This segment is mandatory if BIG-04 is not present.**

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification VR Vendor ID Number	M ID 2/3
>>	REF02	127	Duane Reade's Vendor Account Number	X AN 1/30



Segment: N1 Name
Position: 070
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Notes: N1*ST*Duane Reade Warehouse*9*0119889950001

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BT Bill-to-Party RE Party to receive commercial invoice remittance ST Ship To	M ID 2/3
	N102	93 Name Free-form name	X AN 1/60
	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	X ID 1/2
	N104	67 Identification Code DUNS+4 of Duane Reade Ship-to Location (011988995xxxx) Where xxxx shall be the Ship-to location code of either the Warehouse or the Store as indicated on the original Purchase Order 850 in the N1-04 of the ST loop.	X AN 2/80



Segment: N2 Additional Name Information
Position: 080
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Notes: N2*Additional Address Info

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	N201	93	Name Free-form name	M AN 1/60



Segment: N3 Address Information
Position: 090
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Notes: N3*50-02 55TH Avenue

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M AN 1/55
	N302	166	Address Information Address information	O AN 1/55



Segment: N4 Geographic Location
Position: 100
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Notes: N4*Maspeth*New York*11378

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name	O AN 2/30
		Free-form text for city name	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
N403	116	Postal Code	O ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	



Segment: ITD Terms of Sale/Deferred Terms of Sale
Position: 130
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify terms of sale
Notes: ITD*01*3*2**10**31**1446**0*0

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
ITD01	336	Terms Type Code Code identifying type of payment terms 01 Basic	O ID 2/2
ITD02	333	Terms Basis Date Code Code identifying the beginning of the terms period 3 Invoice Date	O ID 1/2
ITD03	338	Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".	O R 1/6
ITD04	370	Terms Discount Due Date Date payment is due if discount is to be earned expressed in format CCYYMMDD	X DT 8/8
ITD05	351	Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.	X N0 1/3
ITD06	446	Terms Net Due Date Date when total invoice amount becomes due expressed in format CCYYMMDD	O DT 8/8
ITD07	386	Terms Net Days Number of days until total invoice amount is due (discount not applicable) The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.	O N0 1/3
ITD08	362	Terms Discount Amount Total amount of terms discount	O N2 1/10
ITD10	389	Deferred Amount Due Deferred amount due for payment	X N2 1/10
ITD11	342	Percent of Invoice Payable Amount of invoice payable expressed in percent The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".	X R 1/5
ITD12	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80



Segment: **DTM** Date/Time Reference
Position: 140
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Notes: DTM*011*20010629

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 011 Shipped	M ID 3/3
>>	DTM02	373	Date Date expressed as CCYYMMDD	X DT 8/8



Segment: **FOB** F.O.B. Related Instructions
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify transportation instructions relating to shipment
Notes: FOB*DF

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	FOB01	146	Shipment Method of Payment	M ID 2/2
			Code identifying payment terms for transportation charges	
			DF Defined by Buyer and Seller	



Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 010
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions
Notes: IT1**180*CA*1.523**UP*073694000113*VC*00016

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
>>	IT102	358	Quantity Invoiced Number of units invoiced (supplier units)	X R 1/10
>>	IT103	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken See Section III for code list.	X ID 2/2
>>	IT104	212	Unit Price Price per unit of product, service, commodity, etc. The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".	X R 1/17
	IT106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) IN Buyer's Item Number ND National Drug Code (NDC) UA U.P.C./EAN Case Code (2-5-5) UP U.P.C. Consumer Package Code (1-5-5-1) VC Vendor's (Seller's) Catalog Number	X ID 2/2
	IT107	234	Product/Service ID Identifying number for a product or service	X AN 1/48
	IT108	235	Product/Service ID Qualifier Same as IT106.	X ID 2/2
	IT109	234	Product/Service ID Identifying number for a product or service	X AN 1/48
	IT110	235	Product/Service ID Qualifier Same as IT106.	X ID 2/2
	IT111	234	Product/Service ID Identifying number for a product or service	X AN 1/48



Segment: PID Product/Item Description
Position: 060
Loop: PID Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe a product or process in coded or free-form format
Notes: PID*F****DISTILLED WATER

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PID01	349 Item Description Type Code indicating the format of a description F Free-form The description will be found in PID05.	M ID 1/1
	PID05	352 Description A free-form description to clarify the related data elements and their content	X AN 1/80



Segment: **SAC** Service, Promotion, Allowance, or Charge Information
Position: 180
Loop: SAC Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
Notes: SAC*A*F050***34759*****MULTIPLE ALLOWANCES APPLIED

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	SAC01	248 Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified A Allowance C Charge N No Allowance or Charge R Allowance Request	M ID 1/1
	SAC02	1300 Service, Promotion, Allowance, or Charge Code Code identifying the service, promotion, allowance, or charge This value must appear exactly as represented here in the corresponding SAC-02 of the 810 Invoice for this Purchase Order. A260 Advertising Allowance B950 Damaged Merchandise C320 Display Allowance E730 New Item Allowance F050 Other (See related description) F800 Promotional Allowance I570 Warehouse	X ID 4/4

Note: This value must appear exactly as represented in the DETAIL SAC-02 of the 850 Purchase Order

SAC05	610	Amount Monetary amount	O N2 1/15
SAC06	378	Allowance/Charge Percent Qualifier Code indicating on what basis allowance or charge percent is calculated 1 Item List Cost 2 Item Net Cost	X ID 1/1
SAC07	332	Percent Percent expressed as a percent	X R 1/6
SAC08	118	Rate Rate expressed in the standard monetary denomination for the currency specified	O R 1/9
SAC12	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge 02 Off Invoice	O ID 2/2
SAC15	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80



Segment: TDS Total Monetary Value Summary
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To specify the total invoice discounts and amounts
Notes: TDS*24102*24102*23620*0

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	TDS01	610 Amount Total Amount, plus Charges, less Allowances, before Terms Discount.	M N2 1/15
	TDS02	610 Amount Amount upon which Terms Discount is based	O N2 1/15
	TDS03	610 Amount Amount of Invoice due if paid by Terms Discount Due Date	O N2 1/15
	TDS04	610 Amount Total Amount of Terms Discount	O N2 1/15



Segment: **SAC** Service, Promotion, Allowance, or Charge Information
 Position: 040
 Loop: SAC Optional
 Level: Summary
 Usage: Optional
 Max Use: 1
 Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
 Notes: SAC*A*F050***34759*****MULTIPLE ALLOWANCES APPLIED

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		<u>M</u> <u>ID</u>
M	SAC01	248 Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified A Allowance C Charge N No Allowance or Charge R Allowance Request	M ID 1/1
	SAC02	1300 Service, Promotion, Allowance, or Charge Code Code identifying the service, promotion, allowance, or charge This value must appear exactly as represented here in the corresponding SAC-02 of the 810 Invoice for this Purchase Order. A260 Advertising Allowance B950 Damaged Merchandise C320 Display Allowance E730 New Item Allowance F050 Other (See related description) F340 Pick/Up F800 Promotional Allowance I570 Warehouse	X ID 4/4

Note: This value must appear exactly as represented in the Header SAC-02 of the 850 Purchase Order

SAC05	610	Amount Monetary amount	O N2 1/15
SAC06	378	Allowance/Charge Percent Qualifier Code indicating on what basis allowance or charge percent is calculated 1 Item List Cost 2 Item Net Cost	X ID 1/1
SAC07	332	Percent Percent expressed as a percent	X R 1/6
SAC08	118	Rate Rate expressed in the standard monetary denomination for the currency specified	O R 1/9
SAC12	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge 02 Off Invoice	O ID 2/2
SAC15	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80



Segment: CTT Transaction Totals
Position: 070
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Notes: CTT*1

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354 Number of Line Items	M N0 1/6
		Total number of line items in the transaction set	
		The number of IT1 segments present in the transaction set	



Segment: SE Transaction Set Trailer
Position: 080
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Notes: SE*23*0001

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set This must be the same number as is in the ST segment (ST02) for the transaction set.	M AN 4/9