

# 811 Consolidated Service Invoice/Statement

Functional Group ID=**CI**

## Introduction:

This X12 Transaction Set contains the format and establishes the data contents of the Consolidated Service Invoice/Statement Transaction Set (811) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides for the billing or reporting of complex and structured service invoice/statement detail. This standard can be used by organizations who are interested in sending or receiving either consolidated or standalone invoices for service arrangements which require processing other than that done for the typical product invoice. The Consolidated Service Invoice/Statement can be used as a credit/debit memo to differentiate between payable invoice items and information-only memo items. This transaction set should not be used as a standalone notification of a credit/debit adjustment.

## Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	0100	ST	Transaction Set Header	M	1		
M	0200	BIG	Beginning Segment for Invoice	M	1		
	0500	REF	Reference Information	O	>1		
	0600	PER	Administrative Communications Contact	O	1		
Must Use	0800	DTM	Date/Time Reference	O	2		
LOOP ID - N1						4	
Must Use	1000	N1	Party Identification	O	1		
	1200	N3	Party Location	O	1		
	1300	N4	Geographic Location	O	1		
	1400	REF	Reference Information	O	4		

## Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - HL						>1	
M	0100	HL	Hierarchical Level	M	1		
LOOP ID - LX						1	
	0200	LX	Transaction Set Line Number	O	1		
LOOP ID - IT1						999999	
Must Use	2100	IT1	Baseline Item Data (Invoice)	O	1		
	2700	DTM	Date/Time Reference	O	1		
	2800	MSG	Message Text	O	>1		
	2830	LQ	Industry Code Identification	O	1		
LOOP ID - AMT						1	
Must Use	2850	AMT	Monetary Amount Information	O	1		

## Summary:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
M	0100	TDS	Total Monetary Value Summary	M	1		
M	1200	SE	Transaction Set Trailer	M	1		

**Segment:** **ST** Transaction Set Header  
**Position:** 0100  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	ST01	143	Transaction Set Identifier Code	M 1 ID 3/3
			Code identifying a Transaction Set	
			811 Consolidated Service Invoice/Statement	
M	ST02	329	Transaction Set Control Number	M 1 AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

**Segment:** **BIG** Beginning Segment for Invoice  
**Position:** 0200  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	BIG01	373	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Invoice Date	<b>M 1 DT 8/8</b>
M	BIG02	76	<b>Invoice Number</b> Identifying number assigned by issuer Invoice Identifier	<b>M 1 AN 1/22</b>
>>	BIG07	640	<b>Transaction Type Code</b> Code specifying the type of transaction T9 Service Requester Level Invoice	<b>O 1 ID 2/2</b>
	BIG08	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set Invoice Status Code  For NAESB WGQ, this data element is sender's option. 20 Final Transmission Final	<b>O 1 ID 2/2</b>

**Segment:** **REF** Reference Information  
**Position:** 0500  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Notes:** For NAESB WGQ, this segment is sender's option.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128		<b>Reference Identification Qualifier</b>	<b>M 1 ID 2/3</b>
				Code identifying the Reference Identification	
				Refer to "REF Segments (Heading)" table for usage and values.	
			11	Account Number	
			43	Supporting Document Number	
>>	REF02	127		<b>Reference Identification</b>	<b>X 1 AN 1/30</b>
				Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
				Refer to "REF Segments (Heading)" table for usage and values.	
				Account Number, Service Requester Level Supporting Document Indicator	
				The data element maximum length indicated is reduced from that which is specified in the ASC X12 Standards.	

**Segment:** **PER** Administrative Communications Contact  
**Position:** 0600  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Notes:** For NAESB WGQ, this segment is mutually agreed.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	PER01	366 Contact Function Code Code identifying the major duty or responsibility of the person or group named IC Information Contact	M 1 ID 2/2
>>	PER02	93 Name Free-form name Contact Person (Name)  The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.	O 1 AN 1/35
>>	PER03	365 Communication Number Qualifier Code identifying the type of communication number TE Telephone	X 1 ID 2/2
>>	PER04	364 Communication Number Complete communications number including country or area code when applicable Contact Person (Phone)  The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.	X 1 AN 1/80

**Segment:** **DTM** Date/Time Reference  
**Position:** 0800  
**Loop:**  
**Level:** Heading  
**Usage:** Optional (Must Use)  
**Max Use:** 2  
**Notes:** For NAESB WGQ, this segment is mandatory.

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u> <u>Name</u></b>	
M	DTM01	374 <b>Date/Time Qualifier</b>	M 1 ID 3/3
		Code specifying type of date or time, or both date and time Refer to "DTM Segments (Heading)" table for usage and values. AAG Due Date	
>>	DTM05	1250 <b>Date Time Period Format Qualifier</b>	X 1 ID 2/3
		Code indicating the date format, time format, or date and time format Refer to "DTM Segments (Heading)" table for usage and values. D8 Date Expressed in Format CCYYMMDD	
>>	DTM06	1251 <b>Date Time Period</b>	X 1 AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times Refer to "DTM Segments (Heading)" table for usage and values.  Net Due Date	

**Segment:** **N1 Party Identification**  
**Position:** 1000  
**Loop:** N1 Optional (Must Use)  
**Level:** Heading  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Notes:** For NAESB WGQ, this segment is mandatory.

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u> <u>Name</u></b>	
M	<b>N101</b>	<b>98 Entity Identifier Code</b>	<b>M 1 ID 2/3</b>
		Code identifying an organizational entity, a physical location, property or an individual	
		Refer to "N1 Segments (Heading)" table for usage and values.	
		78 Service Requester	
		PE Payee	
		PR Payer	
		RI Remit To	
>>	<b>N103</b>	<b>66 Identification Code Qualifier</b>	<b>X 1 ID 1/2</b>
		Code specifying the system/method of code structure used for Identification Code (67)	
		Refer to "N1 Segments (Heading)" table for usage and values.	
		1 D-U-N-S Number, Dun & Bradstreet	
>>	<b>N104</b>	<b>67 Identification Code</b>	<b>X 1 AN 2/17</b>
		Code identifying a party or other code	
		Refer to "N1 Segments (Heading)" table for usage and values.	
		Billable Party (Payer), Payee, Service Requester, Remit to Party	
		The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.	



**Segment:** **N3 Party Location**  
**Position:** 1200  
**Loop:** N1 Optional (Must Use)  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Notes:** For NAESB WGQ, this segment is sender's option. It may only be sent in the Remit to Party N1 loop (N101 = 'RI').

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element Name</b>	
<b>M</b>	<b>N301 166 Address Information</b> Address information Remittance Address  The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.	<b>M 1 AN 1/35</b>
	<b>N302 166 Address Information</b> Address information Remittance Address  The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.	<b>O 1 AN 1/35</b>

**Segment:** **N4 Geographic Location**  
**Position:** 1300  
**Loop:** N1 Optional (Must Use)  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Notes:** For NAESB WGQ, this segment is sender's option. It may only be sent in the Remit to Party N1 loop (N101 = 'RI').

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u> <u>Name</u></b>	<b><u>Attributes</u></b>
<b>N401</b>	<b>19 City Name</b> Free-form text for city name Remittance Address	<b>O 1 AN 2/30</b>
<b>N402</b>	<b>156 State or Province Code</b> Code specifying the Standard State/Province as defined by appropriate government agency Remittance Address	<b>X 1 ID 2/2</b>
<b>N403</b>	<b>116 Postal Code</b> Code specifying international postal zone code excluding punctuation and blanks (zip code for United States) Remittance Address	<b>O 1 ID 3/9</b>
The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.		
<b>N404</b>	<b>26 Country Code</b> Code identifying the country Remittance Address	<b>X 1 ID 2/3</b>

**Segment:** **REF** Reference Information  
**Position:** 1400  
**Loop:** N1 Optional (Must Use)  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 4  
**Notes:** For NAESB WGQ, this segment is sender's option.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	<b>REF01</b>	<b>128 Reference Identification Qualifier</b>	<b>M 1 ID 2/3</b>
		Code identifying the Reference Identification	
		Refer to "REF Segments (Heading - N1 loop)" table for usage and values.	
		01 American Bankers Assoc. (ABA) Transit/Routing Number (Including Check Digit, 9 Digits)	
		11 Account Number	
>>	<b>REF02</b>	<b>127 Reference Identification</b>	<b>X 1 AN 1/30</b>
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		Refer to "REF Segments (Heading - N1 loop)" table for usage and values.	
		Payee's Bank ACH ABA Number, Payee's Bank Account Number	
		The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.	

**Segment:** **HL** Hierarchical Level  
**Position:** 0100  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	HL01	628	<b>Hierarchical ID Number</b> A unique number assigned by the sender to identify a particular data segment in a hierarchical structure sequential line item number	M 1 AN 1/12
M	HL03	735	<b>Hierarchical Level Code</b> Code specifying the characteristic of a level in a hierarchical structure CH Contractholder Service Requester Level	M 1 ID 1/2

**Segment:** **LX** Transaction Set Line Number  
**Position:** 0200  
**Loop:** LX Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Notes:** For NAESB WGQ, this segment is sender's option.

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>		<b>Attributes</b>
<b>Des.</b>	<b>Element</b>	<b>Name</b>	
M	LX01	554 Assigned Number	M 1 N0 1/6
		Number assigned for differentiation within a transaction set	

**Segment:** **IT1** **Baseline Item Data (Invoice)**  
**Position:** 2100  
**Loop:** IT1 Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Notes:** For NAESB WGQ, this segment is mandatory.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	IT101	350	Assigned Identification	O 1 AN 1/6
			Alphanumeric characters assigned for differentiation within a transaction set	
			Line Number	
			The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.	

**Segment:** **DTM** Date/Time Reference  
**Position:** 2700  
**Loop:** IT1 Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Notes:** For NAESB WGQ, this segment is sender's option.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374		<b>Date/Time Qualifier</b>	<b>M 1 ID 3/3</b>
				Code specifying type of date or time, or both date and time	
				007 Effective	
>>	DTM05	1250		<b>Date Time Period Format Qualifier</b>	<b>X 1 ID 2/3</b>
				Code indicating the date format, time format, or date and time format	
				CM Date in Format CCYYMM	
>>	DTM06	1251		<b>Date Time Period</b>	<b>X 1 AN 1/35</b>
				Expression of a date, a time, or range of dates, times or dates and times	
				Charge/Allowance Period	

**Segment:** **MSG** Message Text  
**Position:** 2800  
**Loop:** IT1 Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Notes:** For NAESB WGQ, this segment is sender's option.

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u> <u>Name</u></b>	
M	<b>933 Free-form Message Text</b> Free-form message text Miscellaneous Notes  For NNG, these notes will include Charge Type, Price Tier, Price Tier MIP Factor, Net Imbalance Qty, Price Tier MIP Rate	<b>M 1 AN 1/264</b>



**Segment:** **LQ** Industry Code Identification  
**Position:** 2830  
**Loop:** IT1 Optional (Must Use)  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Notes:** For NAESB WGQ, this segment is sender's option.

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element Name</b>	
>> <b>LQ01</b>	<b>1270 Code List Qualifier Code</b> Code identifying a specific industry code list ADJ Accounting Adjustment Method	<b>O 1 ID 1/3</b>
>> <b>LQ02</b>	<b>1271 Industry Code</b> Code indicating a code from a specific industry code list Service Requester Level Accounting Adjustment Method NET Net RES Restatement REV Reversal	<b>X 1 AN 1/30</b>

**Segment:** **AMT** **Monetary Amount Information**

**Position:** 2850

**Loop:** AMT Optional (Must Use)

**Level:** Detail

**Usage:** Optional (Must Use)

**Max Use:** 1

**Notes:** For NAESB WGQ, this segment is mandatory. There should be only one occurrence of the AMT loop for each Line Number (IT101) in the IT1 segment (position 2100).

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element Name</b>	
M	<b>522 Amount Qualifier Code</b> Code specifying the amount qualifier Refer to "AMT Segment (Detail - HL03 = 'CH')" table for values.  Service Requester Level Charge/Allowance Amount Descriptor LS                      Net Settlement Imbalance Charges	<b>M 1 ID 1/3</b>
M	<b>782 Monetary Amount</b> Monetary amount Service Requester Level Charge/Allowance Amount  The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.	<b>M 1 R 1/10</b>

**Segment:** **TDS** Total Monetary Value Summary  
**Position:** 0100  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	TDS01	610	Amount	M 1 N2 1/10
			Monetary amount	
			Invoice Total Amount	

The data element maximum length indicated is reduced from that which is specified in the ASC X12 standards.

**Segment:** **SE** Transaction Set Trailer  
**Position:** 1200  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1

**Data Element Summary**

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