



Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003040 Transaction Set 838
Trading Partner Profile
(Confirmation of Vendor Registration)

Implementation Convention



U.S. DEPARTMENT OF COMMERCE
Technology Administration
National Institute of
Standards and Technology

The National Institute of Standards and Technology was established in 1988 by Congress to “assist industry in the development of technology . . . needed to improve product quality, to modernize manufacturing processes, to ensure product reliability . . . and to facilitate rapid commercialization . . . of products based on new scientific discoveries.”

NIST, originally founded as the National Bureau of Standards in 1901, works to strengthen U.S. industry's competitiveness; advance science and engineering; and improve public health, safety, and the environment. One of the agency's basic functions is to develop, maintain, and retain custody of the national standards of measurement, and provide the means and methods for comparing standards used in science, engineering, manufacturing, commerce, industry, and education with the standards adopted or recognized by the Federal Government.

As an agency of the U.S. Commerce Department's Technology Administration, NIST conducts basic and applied research in the physical sciences and engineering, and develops measurement techniques, test methods, standards, and related services. The Institute does generic and precompetitive work on new and advanced technologies. NIST's research facilities are located at Gaithersburg, MD 20899, and at Boulder, CO 80303. Major technical operating units and their principal activities are listed below. For more information contact the Public Inquiries Desk, 301-975-3058.

Office of the Director

- Advanced Technology Program
- Quality Programs
- International and Academic Affairs

Technology Services

- Manufacturing Extension Partnership
- Standards Services
- Technology Commercialization
- Measurement Services
- Technology Evaluation and Assessment
- Information Services

Materials Science and Engineering Laboratory

- Intelligent Processing of Materials
- Ceramics
- Materials Reliability¹
- Polymers
- Metallurgy
- Reactor Radiation

Chemical Science and Technology Laboratory

- Biotechnology
- Chemical Kinetics and Thermodynamics
- Analytical Chemical Research
- Process Measurements²
- Surface and Microanalysis Science
- Thermophysics²

Physics Laboratory

- Electron and Optical Physics
- Atomic Physics
- Molecular Physics
- Radiometric Physics
- Quantum Metrology
- Ionizing Radiation
- Time and Frequency¹
- Quantum Physics¹

Manufacturing Engineering Laboratory

- Precision Engineering
- Automated Production Technology
- Intelligent Systems
- Manufacturing Systems Integration
- Fabrication Technology

Electronics and Electrical Engineering Laboratory

- Microelectronics
- Law Enforcement Standards
- Electricity
- Semiconductor Electronics
- Electromagnetic Fields¹
- Electromagnetic Technology¹
- Optoelectronics¹

Building and Fire Research Laboratory

- Structures
- Building Materials
- Building Environment
- Fire Safety
- Fire Science

Computer Systems Laboratory

- Office of Enterprise Integration
- Information Systems Engineering
- Systems and Software Technology
- Computer Security
- Systems and Network Architecture
- Advanced Systems

Computing and Applied Mathematics Laboratory

- Applied and Computational Mathematics²
- Statistical Engineering²
- Scientific Computing Environments²
- Computer Services
- Computer Systems and Communications²
- Information Systems

¹At Boulder, CO 80303.

²Some elements at Boulder, CO 80303.

Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003040 Transaction Set 838 Trading Partner Profile (Confirmation of Vendor Registration)

Implementation Convention

Electronic Commerce Acquisition Program Management Office
Standard Management Committee - Secretariat
National Institute of Standards and Technology
Gaithersburg, MD 20899-0001

Editor: Dr. Jean-Philippe Favreau

August 1995



U.S. DEPARTMENT OF COMMERCE

Ronald H. Brown, Secretary

Technology Administration

Mary L. Good, Under Secretary for Technology

National Institute of Standards and Technology

Arati Prabhakar, Director

Reports on Computer Systems Technology

The National Institute of Standards and Technology (NIST)'s Computer Systems Laboratory (CSL) develops standard and guidelines, provides technical assistance, and conducts research for computers and related telecommunications systems to advance the effective utilization of information technology resources. As part of the overall federal effort to establish a single face to industry for conducting electronic commerce, CSL has been designated as the organization responsible for coordinating the development of Federal Implementation Conventions (ICs) for Electronic Data Interchange (EDI). ICs are defined by functional-area experts who create and select options from standard EDI Transaction Sets to yield the implementations to be used for practical EDI. These ICs are made available to federal agencies and industry by electronic means and this Special Publication Series.

National Institute of Standards and Technology Special Publication 881-2
Natl. Inst. Stand. Technol. Spec. Publ. 881-2, 20 pages (August 1995)
CODEN: NSPUE2

U.S. GOVERNMENT PRINTING OFFICE
WASHINGTON: 1995

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402

838 Trading Partner Profile

Functional Group ID= **TD**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Trading Partner Profile Transaction Set (838) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to request, change, verify or transmit business profile information to or from a trading partner. This information can be used by the receiver to facilitate the processing of the sender's business transactions. The transaction set may be used to convey government survey information, business classification, general survey information, summary supplier ratings, changes in the EDI environment information, tax information, entity relationships, and general business profile information to update automated information data bases between trading partners.

Notes:

1. Use this transaction set to acknowledge the successful processing of a previously received request for registration as a Federal Government trading partner.
2. Use this transaction set to inform a registering party that a request to register was partially processed. When used in this manner, use the transaction set to provide the reason(s) why the request could not be fully processed.
3. Successful confirmation will be determined in part, only upon the validation of the registering party's DUNS and TIN numbers, as provided in the 838 contractor registration transaction set.
4. Validation of registration will take some time, therefore, registering parties should not anticipate an immediate confirmation of successful or partial registration. Registrants are advised to wait until they have received an official response from the registration process.
5. Do not use this transaction set to notify a registering party of an unsuccessful registration. Use the 824 transaction set to notify a registrant of an application problem that precludes a successful registration.

Heading:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
010	ST	Transaction Set Header	M	1		
020	BTP	Beginning Segment For Trading Partner Profile	M	1		
N/U	021	REQ	Request Information	O	1	
	025	PER	Administrative Communications Contact	O	1	
LOOP ID - LX						>1
029	LX	Assigned Number	O	1		
LOOP ID - PLA						>1
030	PLA	Place or Location	O	1		
N/U	040	LCD	Place/Location Description	O	>1	
N/U	050	LIN	Item Identification	O	>1	
LOOP ID - NI						>1

	060	N1	Name	O	1	
N/U	070	N2	Additional Name Information	O	2	
N/U	080	N3	Address Information	O	2	
N/U	090	N4	Geographic Location	O	1	
	100	N9	Reference Number	O	>1	
N/U	110	PER	Administrative Communications Contact	O	>1	
N/U	120	CUR	Currency	O	>1	
N/U	130	TAX	Tax Reference	O	>1	
N/U	140	FOB	F.O.B. Related Instructions	O	>1	
N/U	150	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
N/U	160	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1	
N/U	170	FBB	Foreign and Industry Business	O	>1	n1
N/U	171	DTM	Date/Time Reference	O	2	
N/U	172	LCD	Place/Location Description	O	>1	
			LOOP ID - TPD		>1	
	180	TPD	Trading Partner Detail	O	1	
N/U	190	N9	Reference Number	O	>1	
N/U	200	PID	Product/Item Description	O	>1	
N/U	210	DTM	Date/Time Reference	O	>1	
N/U	215	LS	Loop Header	O	1	
			LOOP ID - TUD		>1	
N/U	220	TUD	Trade Union Data	O	1	
N/U	230	DTM	Date/Time Reference	O	>1	
N/U	240	N1	Name	O	1	
N/U	250	N2	Additional Name Information	O	2	
N/U	260	N3	Address Information	O	2	
N/U	270	N4	Geographic Location	O	1	
N/U	280	PER	Administrative Communications Contact	O	>1	
N/U	285	LE	Loop Trailer	O	1	
			LOOP ID - SPR		>1	
N/U	290	SPR	Supplier Rating	O	1	
N/U	300	N9	Reference Number	O	>1	
N/U	310	DTM	Date/Time Reference	O	>1	
			LOOP ID - PAM		>1	
N/U	320	PAM	Period Amount	O	1	
N/U	330	DTM	Date/Time Reference	O	>1	
N/U	340	TAX	Tax Reference	O	>1	
N/U	350	CUR	Currency	O	>1	

			LOOP ID - TXN		>1
N/U	360	TXN	Transaction Capabilities	O	1
N/U	370	N9	Reference Number	O	>1
N/U	380	DTM	Date/Time Reference	O	>1
			LOOP ID - ENE		>1
N/U	390	ENE	Electronic Systems Environment	O	1
			LOOP ID - N1		>1
N/U	400	N1	Name	O	1
N/U	410	N2	Additional Name Information	O	2
N/U	420	N3	Address Information	O	2
N/U	430	N4	Geographic Location	O	1
N/U	440	TPD	Trading Partner Detail	O	>1
N/U	450	PID	Product/Item Description	O	>1
N/U	460	N9	Reference Number	O	>1
N/U	470	PER	Administrative Communications Contact	O	>1
			LOOP ID - TXN		>1
N/U	480	TXN	Transaction Capabilities	O	1
N/U	490	N9	Reference Number	O	>1
N/U	500	DTM	Date/Time Reference	O	>1
N/U	510	ERI	Entity Relationship	O	>1
N/U	520	AMT	Monetary Amount	O	>1
	530	SE	Transaction Set Trailer	M	1

Transaction Set Notes

1. With each occurrence of the PLA loop, the sum of FBB03 for separately identified countries cannot exceed 100.

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:

Syntax Notes:

Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set.	M ID 3/3
			838 X12.17 Trading Partner Profile	
M	ST02	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 <i>Use to transmit a unique number assigned by the originator of the transaction set. This number may be system generated.</i>	M AN 4/9

Segment: **BTP** Beginning Segment For Trading Partner Profile

Position: 020

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the type and purpose of the profile data

Notes: When cancelling a previously transmitted confirmation of registration use of the transaction set, use BTP07/08/09 to carry the number, date and time of the transmission being cancelled.

Syntax Notes: 1 If BTP08 is present, then BTP07 is required.

2 If BTP09 is present, then BTP08 is required.

Semantic Notes: 1 BTP01 indicates the purpose of this EDI transmission.

2 BTP02 is the identifying number of this transaction.

3 BTP03 and BTP04 are the transaction set date and time.

4 BTP06 indicates the status of the data content within the transaction.

5 BTP07 indicates reference number or previous reference number associated with this transaction.

6 BTP08 and BTP09 are date and time associated with BTP07.

Comments:

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		
M	BTP01	353	Transaction Set Purpose Code	M	ID 2/2
			Code identifying purpose of transaction set.		
		00	Original		
			<i>Use to indicate the original confirmation of a request for registration. Use if the transmission contains either an acknowledgment of a successful registration or a partial acceptance of a request for registration.</i>		
		01	Cancellation		
			<i>Use to indicate a cancellation of a previously transmitted response to a request for registration.</i>		
		07	Duplicate		
			<i>Use to indicate a duplicate response to a request for registration. Use only when informed that the original response to a request for registration was not received.</i>		
M	BTP02	127	Reference Number	M	AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
			<i>Use to indicate a unique number, assigned by the originator of the transaction set, that can be used as a reference in a subsequent transaction set. This number may be system generated.</i>		
M	BTP03	373	Date	M	DT 6/6
			Date (YYMMDD).		
			<i>Use to indicate the date the transaction set was created.</i>		
M	BTP04	337	Time	M	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59),		

S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Use to indicate the time the transaction set was created. Use local time. Use only the HHMM format (e.g., 1030, 0925, etc.).

M	BTP05	640	Transaction Type Code Code specifying the type of transaction. TP Trading Partner Information	M ID 2/2
M	BTP06	353	Transaction Set Purpose Code Code identifying purpose of transaction set. 11 Response <i>Use to indicate that this transmission is a response to a previously submitted initial request to register, or a change to, or annual renewal of a previously successful registration.</i>	O ID 2/2
M	BTP07	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <i>Use in other than cancellations, to indicate the reference number contained in BTP02 of the request for registration transaction set. Use in cancellations to indicate the number of the cancelled transmission.</i>	X AN 1/30
M	BTP08	373	Date Date (YYMMDD). <i>Use in other than cancellations, to indicate the date contained in BTP03 of the request for registration transaction set. Use in cancellations to indicate the date of the cancelled transmission.</i>	X DT 6/6
M	BTP09	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>Use in other than cancellations, to indicate the time in BTP04 of the request for registration transaction set. Use in cancellations to indicate the time of the cancelled transmission.</i>	O TM 4/8

Segment: **PER** Administrative Communications Contact

Position: 025

Loop:

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To identify a person or office to whom administrative communications should be directed

Notes: Use this segment to provide the toll free commercial telephone number for registering parties to call to obtain information regarding doing business using Electronic Data Interchange (EDI) or to inquire about their registration.

Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.

2 If either PER05 or PER06 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named.	
			EA EDI Coordinator	
			Use to indicate the Electronic Commerce Information Center contact.	
X	PER02	93	Name	O AN 1/35
			Free-form name.	
	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number.	
			TE Telephone	
			Use to indicate the toll free commercial telephone number. Ensure the 800 area code is included.	
	PER04	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable.	
X	PER05	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number.	
			Refer to 003040 Data Element Dictionary for acceptable code values.	
X	PER06	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable.	

Segment: **LX** Assigned Number

Position: 029

Loop: LX

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To reference a line number in a transaction set.

Notes: Use to indicate the number of the iteration of the LX loop. For example, in the first iteration of the LX loop, insert the number 1 in LX01, in the second iteration of the LX loop (if there is a second iteration in the transmission), insert the number 2, and so on. This number may be system generated.

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

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

Segment: **PLA** Place or Location

Position: 030

Loop: PLA

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To indicate action to be taken for the location specified and to qualify the location specified

Notes: Use is required in original response to a registration request. Do not use in cancellation.

Syntax Notes:

Semantic Notes:

1 PLA03 is the effective date for the action identified in PLA01.

2 When used, PLA04 is the effective time for the action identified in PLA01.

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PLA01	306	Action Code	M ID 1/2
			Code indicating type of action.	
			<i>Use to identify the action being taken in the response as either a successful registration or an inability to register the requesting party. Identify by a code value in PLA02 the same code as used by the requesting party in the original request for registration transaction set. Also include the effective date of the decision to register or reject the request.</i>	
			IN Interim	
			<i>Use to indicate that the registration application has been partially accepted, but that there is some non-essential data under review.</i>	
			KA Registration Confirmed	
			The application requesting registration was favorably acted upon and registration is confirmed	
			<i>Use to indicate that a requesting party has been successfully registered.</i>	
M	PLA02	98	Entity Identifier Code	M ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
			KK Registering Party	
			The party requesting registration into a system	
			<i>Use to identify the party submitting the request to register transaction set.</i>	
M	PLA03	373	Date	M DT 6/6
			Date (YYMMDD).	
			<i>Use to indicate the effective date of the action described by the code value in PLA01.</i>	
X	PLA04	337	Time	O TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	

X	PLA05	1203	Maintenance Reason Code	O	ID	2/3
Code identifying the reason for the maintenance change.						
Refer to 003040 Data Element Dictionary for acceptable code values.						

Segment: **N1** Name

Position: 060

Loop: N1

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To identify a party by type of organization, name and code

Notes: There must be at least one iteration of the N1 loop in each transaction set to carry the address of the requesting party.

Syntax Notes: 1 At least one of N102 or N103 is required.

2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

2 N105 and N106 further define the type of entity in N101.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual KK Registering Party The party requesting registration into a system <i>Use to identify the party submitting the request for registration.</i>	M ID 2/2
X	N102	93	Name Free-form name.	X AN 1/35
	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67). 1 D-U-N-S Number, Dun & Bradstreet <i>Use, if applicable, to identify the party requesting registration.</i>	X ID 1/2
	N104	67	Identification Code Code identifying a party or other code.	X AN 2/17
X	N105	706	Entity Relationship Code Code describing entity relationship. Refer to 003040 Data Element Dictionary for acceptable code values.	O ID 2/2
X	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual Refer to 003040 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **N9** Reference Number

Position: 100

Loop: N1

Level: Heading

Usage: Optional

Max Use: >1

Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier

Notes: Use this segment to provide a unique number assigned by the Federal Government to a successfully registered trading partner. Do not use if the registration is not successful.

Syntax Notes: 1 At least one of N902 or N903 is required.

2 If N906 is present, then N905 is required.

Semantic Notes: 1 N906 reflects the time zone which the time reflects.

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
			EL Electronic device pin number <i>Use to provide a unique Trading Partner Identification Number (TPIN) to a successfully registering party.</i>	
	N902	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
X	N903	369	Free-form Description Free-form descriptive text.	X AN 1/45
X	N904	373	Date Date (YYMMDD).	O DT 6/6
X	N905	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
X	N906	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow. Refer to 003040 Data Element Dictionary for acceptable code values.	O ID 2/2

Segment: **TPD** Trading Partner Detail

Position: 180

Loop: TPD

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To describe attribute of a trading partner

Notes: Use only in unsuccessful registrations, to indicate the reason(s) why the request to register could not be completely processed.

Syntax Notes: 1 If either TPD02 or TPD03 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	TPD01	349	Item Description Type Code indicating the format of a description. F Free-form	M ID 1/1
X	TPD02	23	Commodity Code Qualifier Code identifying the commodity coding system used for Commodity Code. Refer to 003040 Data Element Dictionary for acceptable code values.	X ID 1/1
X	TPD03	22	Commodity Code Code describing a commodity or group of commodities.	X AN 1/16
	TPD04	352	Description A free-form description to clarify the related data elements and their content. <i>Use to advise the registrant of a partial registration by indicating the nature of the data under review, or the problem precluding full registration. Use also to inform partially accepted registrants that they can inquire about the status of their registration by calling the EDI help desk. The telephone number is to be provided in the 1/PER/025 segment.</i>	O AN 1/80

Segment: **SE** Transaction Set Trailer

Position: 530

Loop:

Level: Heading

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:

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments. <i>Use to indicate the total number of segments included in the transmission including the ST and SE segments.</i>	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 <i>Use to transmit the same unique control number assigned by the originator of the transaction set, as the control number cited in ST02.</i>	M AN 4/9

838 TRANSACTION SET USAGE

TRADING PARTNER PROFILE

Usage of the segments and data elements arrayed in alphabetical order by information content.

INFORMATION CONTENT	TS POS NO.	SEGMENT/ DATA ELEMENT	R I	C A N C	D U P L	COMMENTS
ACTION CODE/ENTITY/EFFECTIVE DATE	1/030	PLA01/02/03	R		R	Identify the action being taken for either a successful registration or an inability to register. Include the effective date of the decision to register or reject.
ASSIGNED NUMBER	1/029	LX01	R	R	R	Loop iterations.
DATE -PREVIOUS TRANSACTION	1/020	BTP08	R	R	R	Use to indicate the date contained in BTP03. Use in cancellations to indicate the date of canceled transmission..
DATE CREATED	1/020	BTP03	R	R	R	The date the transaction set was created.
DESCRIPTION OF REASON FOR INCOMPLETE REGISTRATION	1/180	TPD01	R *	O	O	*Required if PLA01 is IN
NUMBER OF INCLUDED SEGMENTS	1/530	SE01	R	R	R	Total # of segments included in the transmission including the ST and SE segments.
PHONE-INFORMATION CONTACT FOR EC	1/025	PER01/03/04	O	O	O	Information Contact Toll free number.
REFERENCE NUMBER	1/020	BTP02	R	R	R	A unique #, assigned by the originator of the transaction set, that can be used as a reference in a subsequent transaction set.
REFERENCE NUMBER-PREVIOUS TRANSACTION	1/020	BTP07	R	R	R	Use to indicate the reference # contained in BTP02. Use in cancellation to indicate the number of the canceled transmission..
REFERENCE NUMBER-TPIN	1/100	N901/02	O	O	O	Cite code.
REGISTERING PARTY	1/060	N101/03/04	R	R	R	Cite code (DUNS).
TIME	1/020	BTP04	R	R	R	The Time the transaction set was created. Use local time, HHMM format.
TIME- PREVIOUS TRANSACTION	1/020	BTP09	R	R	R	Use to indicate the time in BTP04. Use in cancellations to indicate the time of the canceled transmission.
TRANSACTION SET CONTROL NUMBER	1/010	ST02	R	R	R	A unique # assigned by the originator of the transaction set.

TRANSACTION SET CONTROL NUMBER	1/530	SE02	R	R	R	Transmit the same unique control number assigned by the originator of the transaction set, in ST02.
TRANSACTION SET IDENTIFIER CODE	1/010	ST01	R	R	R	
TRANSACTION SET PURPOSE CODE	1/020	BTP01	R	R	R	Original, Cancellation, Duplicate.
			0 0	0 1	0 7	
TRANSACTION SET PURPOSE CODE	1/020	BTP06	R	R	R	Response (11).
TRANSACTION TYPE CODE	1/020	BTP05	R	R	R	Cite code TP.

838 TRANSACTION SET USAGE

TRADING PARTNER PROFILE

Usage of the segments and data elements arrayed in transaction set order.

TS POS. NO.	SEGMENT/ DATA ELEMENT	INFORMATION CONTENT	O R I G I N A L	C A N C E L	D U P L I C A T E	COMMENTS
1/010	ST01	TRANSACTION SET IDENTIFIER CODE	R	R	R	
1/010	ST02	TRANSACTION SET CONTROL NUMBER	R	R	R	A unique # assigned by the originator of the transaction set.
1/020	BTP01	TRANSACTION SET PURPOSE CODE	R 0 0	R 0 1	R 0 7	Original, Cancellation, Duplicate.
1/020	BTP02	REFERENCE NUMBER	R	R	R	A unique #, assigned by the originator of the transaction set, that can be used as a reference in a subsequent transaction set.
1/020	BTP03	DATE CREATED	R	R	R	The date the transaction set was created.
1/020	BTP04	TIME	R	R	R	The Time the transaction set was created. Use local time, HHMM format.
1/020	BTP05	TRANSACTION TYPE CODE	R	R	R	Cite code TP.
1/020	BTP06	TRANSACTION SET PURPOSE CODE	R	R	R	Response (11).
1/020	BTP07	REFERENCE NUMBER-PREVIOUS TRANSACTION	R	R	R	Use to indicate the reference # contained in BTP02. Use in cancellation to indicate the number of the canceled transmission..
1/020	BTP08	DATE -PREVIOUS TRANSACTION	R	R	R	Use to indicate the date contained in BTP03. Use in cancellations to indicate the date of canceled transmission..
1/020	BTP09	TIME- PREVIOUS TRANSACTION	R	R	R	Use to indicate the time in BTP04. Use in cancellations to indicate the time of the canceled transmission.
1/025	PER01/03/04	PHONE-INFORMATION CONTACT FOR EC	O	O	O	Information Contact Toll free number.
1/029	LX01	ASSIGNED NUMBER	R	R	R	Loop iterations.
1/030	PLA01/02/03	ACTION CODE/ ENTITY/EFFECTIVE DATE	R		R	Identify the action being taken for either a successful registration or an inability to register. Include the effective date of the decision to register or reject.

1/060	N101/03/04	REGISTERING PARTY	R	R	R	Cite code (DUNS).
1/100	N901/02	REFERENCE NUMBER-TPIN	O	O	O	Cite code.
1/180	TPD01	DESCRIPTION OF REASON FOR INCOMPLETE REGISTRATION	R *	O	O	*Required if PLA01 is IN
1/530	SE01	NUMBER OF INCLUDED SEGMENTS	R	R	R	Total # of segments included in the transmission including the ST and SE segments.
1/530	SE02	TRANSACTION SET CONTROL NUMBER	R	R	R	Transmit the same unique control number assigned by the originator of the transaction set, in ST02.

NIST Technical Publications

Periodical

Journal of Research of the National Institute of Standards and Technology—Reports NIST research and development in those disciplines of the physical and engineering sciences in which the Institute is active. These include physics, chemistry, engineering, mathematics, and computer sciences. Papers cover a broad range of subjects, with major emphasis on measurement methodology and the basic technology underlying standardization. Also included from time to time are survey articles on topics closely related to the Institute's technical and scientific programs. Issued six times a year.

Nonperiodicals

Monographs—Major contributions to the technical literature on various subjects related to the Institute's scientific and technical activities.

Handbooks—Recommended codes of engineering and industrial practice (including safety codes) developed in cooperation with interested industries, professional organizations, and regulatory bodies.

Special Publications—Include proceedings of conferences sponsored by NIST, NIST annual reports, and other special publications appropriate to this grouping such as wall charts, pocket cards, and bibliographies.

National Standard Reference Data Series—Provides quantitative data on the physical and chemical properties of materials, compiled from the world's literature and critically evaluated. Developed under a worldwide program coordinated by NIST under the authority of the National Standard Data Act (Public Law 90-396). NOTE: The Journal of Physical and Chemical Reference Data (JPCRD) is published bimonthly for NIST by the American Chemical Society (ACS) and the American Institute of Physics (AIP). Subscriptions, reprints, and supplements are available from ACS, 1155 Sixteenth St., NW, Washington, DC 20056.

Building Science Series—Disseminates technical information developed at the Institute on building materials, components, systems, and whole structures. The series presents research results, test methods, and performance criteria related to the structural and environmental functions and the durability and safety characteristics of building elements and systems.

Technical Notes—Studies or reports which are complete in themselves but restrictive in their treatment of a subject. Analogous to monographs but not so comprehensive in scope or definitive in treatment of the subject area. Often serve as a vehicle for final reports of work performed at NIST under the sponsorship of other government agencies.

Voluntary Product Standards—Developed under procedures published by the Department of Commerce in Part 10, Title 15, of the Code of Federal Regulations. The standards establish nationally recognized requirements for products, and provide all concerned interests with a basis for common understanding of the characteristics of the products. NIST administers this program in support of the efforts of private-sector standardizing organizations.

Order the following NIST publications—FIPS and NISTIRs—from the National Technical Information Service, Springfield, VA 22161.

Federal Information Processing Standards Publications (FIPS PUB)—Publications in this series collectively constitute the Federal Information Processing Standards Register. The Register serves as the official source of information in the Federal Government regarding standards issued by NIST pursuant to the Federal Property and Administrative Services Act of 1949 as amended, Public Law 89-306 (79 Stat. 1127), and as implemented by Executive Order 11717 (38 FR 12315, dated May 11, 1973) and Part 6 of Title 15 CFR (Code of Federal Regulations).

NIST Interagency Reports (NISTIR)—A special series of interim or final reports on work performed by NIST for outside sponsors (both government and nongovernment). In general, initial distribution is handled by the sponsor; public distribution is by the National Technical Information Service, Springfield, VA 22161, in paper copy or microfiche form.

U.S. Department of Commerce
National Institute of Standards and Technology
Gaithersburg, MD 20899

Official Business
Penalty for Private Use \$300