

American National Standard for Financial Services

X9.93-2:2008

Financial transaction messages - Electronic benefits transfer (EBT) – Part 2: Files



Accredited Standards Committee X9, Incorporated
Financial Industry Standards

Date Approved: 10/24/2008

American National Standards Institute

This is a preview of "X9.93-2-2008". Click [here](#) to purchase the full version from the ANSI store.

Contents

Page

Foreword	vi
Introduction	vii
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Symbols (and abbreviated terms)	3
4.1 Representation abbreviations	3
4.2 Abbreviated terms	4
5 File structure	4
5.1 Header record	5
5.1.1 File sequence number	5
5.1.2 File create date and File create time	5
5.1.3 File format version	5
5.1.4 Forwarding institution identification code	5
5.1.5 File name	6
5.2 Transaction detail records	6
5.3 Transaction addenda records	6
5.4 Trailer record	6
5.5 Super header record	6
5.6 Super trailer record	6
6 Data elements	6
6.1 Data element directory	6
6.2 Integrated circuit card system related data (bit 55)	14
6.3 Original data elements	15
6.4 UPC/PLU data (bit 48-3, 62-3)	15
6.5 Card acceptor name/location (bit 43)	16
7 Record definitions	16
7.1 General	16
7.1.1 Mandatory and conditional data elements	16
7.1.2 Super header record description	16
7.1.3 Super header record rules	17
7.1.4 Super header record mandatory and conditional data elements	17
7.2 Header records	17
7.2.1 Header record description	17
7.2.2 Header record rules	17
7.2.3 Header record mandatory and conditional data elements	18
7.2.4 File acknowledgment header records	18
7.3 Transaction detail records	19
7.3.1 Transaction detail record description	19
7.3.2 Transaction detail record rules	19
7.3.3 Transaction detail record mandatory and conditional data elements	19
7.4 Transaction addenda records	19
7.4.1 Transaction addenda record description	19

7.4.2	Transaction addenda record rules.....	19
7.4.3	Transaction addenda record mandatory and conditional data elements.....	20
7.5	Trailer records.....	20
7.5.1	Trailer record description	20
7.5.2	Trailer record rules	20
7.5.3	Trailer record mandatory and conditional data elements	20
7.6	Super trailer records	21
7.6.1	Super trailer record description.....	21
7.6.2	Super trailer record rules.....	21
7.6.3	Super trailer record mandatory and conditional data elements	21
8	File processing	21
8.1	General.....	21
8.2	File structure	21
8.2.1	Aggregate Files	22
8.2.2	Transactions-only Files.....	23
8.2.3	Record sequence number in Aggregate files or Transactions-only files	24
8.3	File transmissions	24
8.4	File errors	24
	Annex A (normative) Data element code tables	26
A.1	Error identifier code	26
A.2	File names	27
A.3	File status code.....	27
A.4	File type	28
A.5	Message type	28
A.6	Price type codes	28
A.7	Record identification codes.....	29
A.8	Integrated circuit card (ICC) result codes	30
	Annex B (normative) Food Stamp auto-reconciliation file	31
B.1	Food stamp auto-reconciliation header record.....	31
B.2	Food stamp auto-reconciliation detail record 1	32
B.3	Food stamp auto-reconciliation detail record 2	32
B.4	Food stamp auto-reconciliation detail record 3	33
B.5	Food stamp auto-reconciliation trailer record.....	33
	Annex C (normative) WIC Files	35
C.1	General.....	35
C.2	WIC auto-reconciliation file	35
C.2.1	WIC auto-reconciliation header record	35
C.2.2	WIC auto-reconciliation detail record	36
C.2.3	WIC auto-reconciliation addenda record 1	37
C.2.4	WIC auto-reconciliation addenda record 2	37
C.2.5	WIC auto-reconciliation adjustment record	38
C.2.6	WIC auto-reconciliation trailer record	39
C.3	WIC claim file	39
C.3.1	WIC claim super header record.....	39
C.3.2	WIC claim header record.....	40
C.3.3	WIC claim detail record	41
C.3.4	WIC claim addenda record.....	42
C.3.5	WIC claim trailer record	42
C.3.6	WIC claim super trailer record	43
C.4	WIC hot list replacement file.....	44
C.4.1	WIC hot list header record	44

ANS X9.93-2:2008

C.4.2	WIC hot list detail record.....	44
C.4.3	WIC hot list trailer record	45
C.5	WIC UPC/PLU store file	46
C.5.1	WIC UPC/PLU header record	46
C.5.2	WIC UPC/PLU detail record.....	46
C.5.3	WIC UPC/PLU abbreviated detail record	47
C.5.4	WIC UPC/PLU trailer record	48
C.6	WIC state benefit file.....	48
C.6.1	WIC state benefit header record.....	48
C.6.2	WIC state benefit detail record	49
C.6.3	WIC state benefit addenda record.....	50
C.6.4	WIC state benefit trailer record	51
C.7	WIC acknowledgment file.....	51
C.7.1	WIC acknowledgment header record.....	51
C.7.2	WIC acknowledgment file rejection detail record.....	52
C.7.3	WIC acknowledgment card acceptor detail record	52
C.7.4	WIC acknowledgment transaction rejection addend record	53
C.7.5	WIC acknowledgment trailer record	54
Annex D (informative)	Implementation considerations	55
D.1	General.....	55
D.2	Data representation	55
D.3	Record lengths.....	55
D.4	UPC and PLU formats.....	55
D.5	Peer group pricing	56
D.6	Default values.....	56
D.7	Data content examples.....	56
D.8	Institution identification codes.....	57
D.9	Error handling considerations	57
Figures		
Figure 1	— A single application with no constructed data object present.....	14
Figure 2	— Two applications each encapsulated within a constructed data object	15
Figure 3	— File structure.....	22
Figure 4	— Aggregate file structure.....	23
Figure 5	— Transactions-only file structure	23
Figure 6	— Exception file flows.....	25

Tables

Table 1	— Representation abbreviations	3
Table 2	— Data element directory	7
Table 3	— Super header record mandatory and conditional data elements	17
Table 4	— Header record mandatory and conditional data elements	18
Table 5	— File acknowledgment header record mandatory and conditional data elements	18
Table 6	— Transaction detail record mandatory and conditional data elements	19
Table 7	— Transaction addenda record mandatory and conditional data elements	20
Table 8	— Trailer record mandatory and conditional data elements	20
Table 9	— Super trailer record mandatory and conditional data elements	21
Table A. 1	— Error identifier codes.....	26
Table A. 2	— File names.....	27

Table A. 3 — File status codes	27
Table A. 4 — File types.....	28
Table A. 5 — Message types used in files.....	28
Table A. 6 — Price type codes.....	28
Table A. 7 — Record identification codes	29
Table A. 8 — Integrated circuit card (ICC) result codes	30
Table B. 1 — Food stamp auto-reconciliation header record	31
Table B. 2 — Food stamp auto-reconciliation detail record 1.....	32
Table B. 3 — Food stamp auto-reconciliation detail record 2.....	32
Table B. 4 — Food stamp auto-reconciliation detail record 3.....	33
Table B. 5 —Food stamp auto-reconciliation trailer record	34
Table C. 1 — WIC auto-reconciliation header record.....	35
Table C. 2 — WIC auto-reconciliation detail record	36
Table C. 3 — WIC auto-reconciliation addenda record 1	37
Table C. 4 — WIC auto-reconciliation addenda record 2	37
Table C. 5 — WIC auto-reconciliation adjustment record	38
Table C. 6 — WIC auto-reconciliation trailer record.....	39
Table C. 7 — WIC claim super header record	39
Table C. 8 — WIC claim header record.....	40
Table C. 9 — WIC claim detail record	41
Table C. 10 — WIC claim addenda record	42
Table C. 11 —WIC claim trailer record.....	43
Table C. 12 — WIC claim super trailer record	43
Table C. 13 — WIC hot list header record	44
Table C. 14 — WIC hot list detail record.....	45
Table C. 15 —WIC hot list trailer record	45
Table C. 16 — WIC UPC/PLU header record	46
Table C. 17 — WIC UPC/PLU detail record.....	46
Table C. 18 — WIC UPC/PLU abbreviated detail record	47
Table C. 19 — WIC UPC/PLU trailer record	48
Table C. 20 — WIC state benefit header record	49
Table C. 21 — WIC state benefit detail record	49
Table C. 22 — WIC state benefit addenda record	50
Table C. 23 — WIC state benefit trailer record.....	51
Table C. 24 — WIC acknowledgment header record.....	51
Table C. 25 — WIC acknowledgment file rejection detail record	52
Table C. 26 — WIC acknowledgment card acceptor detail record	53
Table C. 27 — WIC acknowledgment transaction rejection addenda record	53
Table C. 28 — WIC acknowledgment trailer record	54
Table D. 1 — POS data code values example with ICC	56

ANS X9.93-2:2008

Foreword

Approval of an American National Standard requires verification by ANSI that the requirements for due process, consensus, and other criteria for approval have been met by the standards developer.

Consensus is established when, in the judgment of the ANSI Board of Standards Review, substantial agreement has been reached by directly and materially affected interests. Substantial agreement means much more than a simple majority, but not necessarily unanimity. Consensus requires that all views and objections be considered, and that a concerted effort be made toward their resolution.

The use of American National Standards is completely voluntary; their existence does not in any respect preclude anyone, whether he has approved the standards or not from manufacturing, marketing, purchasing, or using products, processes, or procedures not conforming to the standards.

The American National Standards Institute does not develop standards and will in no circumstances give an interpretation of any American National Standard. Moreover, no person shall have the right or authority to issue an interpretation of an American National Standard in the name of the American National Standards Institute. Requests for interpretations should be addressed to the secretariat or sponsor whose name appears on the title page of this standard.

NOTICE: INSTRUCTIONS FOR SUBMITTING A PROPOSED CHANGE TO THIS ASC X9 STANDARD UNDER CONTINUOUS MAINTENANCE

This standard is maintained under continuous maintenance procedures by the Accredited Standards Committee X9, Inc. which has established a documented program/process for regular publication of addenda or revisions, including procedures for timely, documented, consensus action on requests for change to any part of the standard.

Consideration will be given to proposed changes within 45 days of submittal. Proposed changes must be submitted to "continuous_maintenance@x9.org" using the published change form.

CAUTION NOTICE: This American National Standard may be revised or withdrawn at any time. The procedures of the American National Standards Institute require that action be taken to reaffirm, revise, or withdraw this standard no later than five years from the date of approval.

Published by

**Accredited Standards Committee X9, Incorporated
Financial Industry Standards
1212 West Street, Suite 200
Annapolis, MD 21401 USA
X9 Online <http://www.x9.org>**

Copyright © 2008 by Accredited Standards Committee X9, Inc.
All rights reserved.

No part of this publication may be reproduced in any form, in an electronic retrieval system or otherwise, without prior written permission of the publisher. Printed in the United States of America

Introduction

Services of the financial industry include the exchange of electronic files relating to financial transactions. Electronic benefits transfer (EBT) services allow the exchange of these files to process federal and state government benefits for recipients. The Women, Infants and Children (WIC) benefit program is one of these services. This American National Standard is designed as an interface specification enabling files to be exchanged between the various parties involved in WIC and other EBT programs.

Suggestions for the improvement or revision of this Standard are welcome. They should be sent to the X9 Committee Secretariat, Accredited Standards Committee X9 Inc., P.O. Box 4035, Annapolis, Maryland 21403 USA.

This Standard was processed and approved for submittal to ANSI by the Accredited Standards Committee on Financial Services, X9. Committee approval of the Standard does not necessarily imply that all the committee members voted for its approval.

The X9 committee had the following members:

Jim Shaffer, ACI Worldwide, X9 Chairman
Cynthia Fuller, Managing Director

Company Represented	Representative
ACI Worldwide	Douglas Grote
ACI Worldwide	Cindy Rink
ACI Worldwide	Jim Shaffer
American Bankers Association	Tom Judd
American Bankers Association	C. Diane Poole
American Express Company	John Allen
American Financial Services Association	Mark Zalewski
Bank of America	Andi Coleman
Bank of America	Richard Phillips
Bank of America	Daniel Welch
Certicom Corporation	Daniel Brown
Citigroup, Inc.	Mark Clancy
Citigroup, Inc.	Paul Gubiotti
Citigroup, Inc.	Gary Word
Clarke American Checks, Inc.	John McCleary
CUSIP Service Bureau	James Taylor
Deluxe Corporation	John FitzPatrick
Deluxe Corporation	Ralph Stlop
Deluxe Corporation	Mike Valiquet
Diebold, Inc.	Bruce Chapa
Diebold, Inc.	Anne Doland
Discover Financial Services	Peggy Burggraf
Discover Financial Services	Katie Howser
Discover Financial Services	Julie Shaw

ANS X9.93-2:2008

Company Represented	Representative
Federal Reserve Bank	Darin Contini
Federal Reserve Bank	Jeannine M. DeLano
Federal Reserve Bank	Deb Hjortland
Federal Reserve Bank	Dexter Holt
First Data Corporation	Elizabeth Lynn
First Data Corporation	Todd Nuzum
First Data Corporation	Rick Van Luvender
Fiserv	Bud Beattie
Fiserv	Kevin Finn
Fiserv	Lori Hood
Fiserv	Dan Otten
Fiserv	Skip Smith
FSTC, Financial Services Technology Consortium	Christine Nautiyal
FSTC, Financial Services Technology Consortium	Daniel Schutzer
Hewlett Packard	Larry Hines
Hewlett Packard	Gary Lefkowitz
Hypercom	Scott Spiker
Hypercom	Gary Zempich
IBM Corporation	Todd Arnold
Ingenico	Alexandre Hellequin
Ingenico	John Spence
Intuit, Inc.	Jana Hocker
J.P. Morgan Chase & Co	Robert Blair
J.P. Morgan Chase & Co	Edward Koslow
J.P. Morgan Chase & Co	Jacqueline Pagan
KPMG LLP	Mark Lundin
MagTek, Inc.	Terry Benson
MagTek, Inc.	Jeff Duncan
MagTek, Inc.	Mimi Hart
MagTek, Inc.	Carlos Morales
MasterCard International	William Poletti
National Association of Convenience Stores	Michael Davis
National Association of Convenience Stores	Alan Thiemann
National Security Agency	Sheila Brand
National Security Agency	Paul Timmel
NCR Corporation	David Norris
NCR Corporation	Steve Stevens
Proofspace	Paul Doyle
Proofspace	David McClellan
RMG-SWIFT	Jean-Marie Eloy
SWIFT/Pan Americas	James Wills
The Clearing House	Vincent DeSantis
U.S. Bank	Nicole Mettler
U.S. Bank	Marc Morrison
University Bank	Stephen Ranzini
University Bank	Michael Talley

Company Represented	Representative	
VECTORsgi	Jerry	Bowman
VECTORsgi	Ron	Schultz
VeriFone, Inc.	David	Ezell
VeriFone, Inc.	Dave	Faoro
VeriFone, Inc.	Allison	Holland
VeriFone, Inc.	Doug	Manchester
VeriFone, Inc.	Brad	McGuinness
VeriFone, Inc.	Brenda	Watlington
VISA	Joe	Bugajski
VISA	Brian	Hamilton
VISA	John	Sheets
VISA	Richard	Sweeney
Wachovia Bank	Andrew	Garner
Wachovia Bank	Raymond	Gatland
Wells Fargo Bank	Mike	McCormick
Wells Fargo Bank	Mike	Rudolph
Wells Fargo Bank	Ruven	Schwartz

The X9AB subcommittee on Retail Financial Transactions had the following members:
Dexter Holt, Federal Reserve Bank, Chairman

Company Represented	Representative	
ACI Worldwide	Dan	Archer
ACI Worldwide	Cindy	Rink
ACI Worldwide	Jim	Shaffer
ACOM Solutions	Gregory T.	Church
ACOM Solutions	Carl	Grant
ACS, Government Solutions	Jeff	Kohlmeyer
ACS, Government Solutions	Pat	Solitro
All My Papers	Ray	Higgins
All My Papers	Larry	Krummel
All My Papers	Brett	Nelson
American Bankers Association	Tom	Judd
American Bankers Association	C. Diane	Poole
American Express Company	John	Allen
American Express Company	Richard	Rodriguez
American Express Company	Vicky	Sammons
American Financial Services Association	Mark	Zalewski
BancTec, Inc.	Russ	Andrews
BancTec, Inc.	Peter	Caporal
BancTec, Inc.	David	Hunt
Bank of America	Dion	Bellamy
Bank of America	Terrelle	Carswell
Bank of America	Andi	Coleman
Bank of America	Susan	Colles
Bank of America	David	Frew

ANS X9.93-2:2008

Company Represented	Representative	
Bank of America	Richard	Phillips
Bank of America	Chris	Schrick
Bank of America	Josh	Street
Bank of America	Daniel	Welch
Boise Paper Solutions	Jim	Moore
Carreker	Harry	Hankla
Carreker	Don	Harman
Certicom Corporation	Daniel	Brown
Check Site, Inc.	Neil	Godfrey
Check Site, Inc.	Trevor	Kensey
Check Site, Inc.	Michael	Lowery
Checknology, Inc.	Daniel	Wood
Checknology, Inc.	Janet	Wood
Citigroup, Inc.	Paul	Gubiotti
Citigroup, Inc.	Karla	McKenna
Citigroup, Inc.	Susan	Rhodes
Citigroup, Inc.	Andrew	Thomas
Citigroup, Inc.	Gary	Word
Clarke American Checks, Inc.	John	McCleary
Clarke American Checks, Inc.	Valerie	Meddleton
ClearWave Electronics	Mark	Ross
Colonial Bank, N.A.	Karen	Hartsfield
Colonial Bank, N.A.	David	Moser
Comerica	Paul	Burns
Comerica	Mary	Kosinski
Compass Bank	Jan	Cole
Compass Bank	Kirk	Maze
Custom Direct LLC	Tanya	Cook
Custom Direct LLC	Dale	Dabbs
Data-Mail, Inc.	Kerry	Hannify
Data-Mail, Inc.	Mark	Sullivan
Davis & Henderson	Dragan	Calusic
Davis & Henderson	Yves	Denomme
Deluxe Corporation	John	FitzPatrick
Deluxe Corporation	Ralph	Stolp
Deluxe Corporation	Mike	Valiquet
Diebold, Inc.	Bruce	Chapa
Diebold, Inc.	Laura	Drozda
Diebold, Inc.	Michael	Shirk
Discover Financial Services	Peggy	Burggraf
Discover Financial Services	Katie	Howser
Discover Financial Services	Julie	Shaw
ECCHO	Ellen	Heffner
ECCHO	Phyllis	Meyerson
Endpoint Exchange LLC	Stephen	Gibson-Saxty
Federal Reserve Bank	Darin	Contini

Company Represented	Representative	
Federal Reserve Bank	Jeannine M.	DeLano
Federal Reserve Bank	Deb	Hjortland
Federal Reserve Bank	Dexter	Holt
Federal Reserve Bank	Curt	Hunsicker
Federal Reserve Bank	Mark	Kielman
Federal Reserve Bank	Gina	Russo
First Data Corporation	Pam	Carter
First Data Corporation	Elizabeth	Lynn
First Data Corporation	Tina	McGowan
First Data Corporation	Tiffany	Trent
Fiserv	Mary	Bland
Fiserv	Keay	Edwards
Fiserv	Lori	Hood
Fiserv	Ron	Jacobs
Fiserv	Dan	Otten
Fiserv	Joe	Pachunka
Fiserv	Skip	Smith
Fiserv	Chad	Speiser
Fiserv	Senthil	Thiagarajan
Food Marketing Institute	Jennifer	Hatcher
FSTC, Financial Services Technology Consortium	John	Fricke
FSTC, Financial Services Technology Consortium	Frank	Jaffe
FSTC, Financial Services Technology Consortium	Christine	Nautiyal
FSTC, Financial Services Technology Consortium	Daniel	Schutzer
FSTC, Financial Services Technology Consortium	Colin	Strutt
GTECH Corp	Steve	Lupo
Huntington Bank	Michelle	Dunkle
Huntington Bank	Jim	Posani
Hypercom	Mohammed	Arif
Hypercom	Scott	Spiker
Hypercom	Gary	Zempich
IBM Corporation	Rod	Moon
IFSA	Katja	Lehr
IFSA	Dan	Taylor
ImageScan	Hanna	Jabbour
ImageScan	Lucie	Johnson
Ingenico	Alexandre	Hellequin
Ingenico	John	Spence
Inlite Research Inc.	Michael	Salzman
Innove	Ralph	Poore
Intuit, Inc.	Jana	Hocker
iStream Imaging/Bank of Kenney	Ken	Biel
iStream Imaging/Bank of Kenney	Mike	McGuire
J.P. Morgan Chase & Co	Dick	Angerosa
J.P. Morgan Chase & Co	Robert	Blair
J.P. Morgan Chase & Co	Roy	Decicco

ANS X9.93-2:2008

Company Represented	Representative	
J.P. Morgan Chase & Co	Edward	Koslow
J.P. Morgan Chase & Co	Jacqueline	Pagan
J.P. Morgan Chase & Co	Paul	Simon
J.P. Morgan Chase & Co	Bonnie	Wright
J.P. Morgan Chase & Co	Jim	Wright
Jack Henry and Associates	Jerry	Garrett
Jack Henry and Associates	Chuck	Hendrickson
John H. Harland Company	Al	Ludwick
John H. Harland Company	Curt	Siroky
MagTek, Inc.	Jeff	Duncan
MagTek, Inc.	Carlos	Morales
Maximus, Inc.	Jon	Haught
Maximus, Inc.	Peter	Relich
NACHA The Electronic Payments Association	Nancy	Grant
NACHA The Electronic Payments Association	Priscilla	Holland
National Association of Convenience Stores	Michael	Davis
National Association of Convenience Stores	Alan	Thiemann
National Security Agency	Sheila	Brand
National Security Agency	Paul	Timmel
Navy Federal Credit Union	Kim	Engman
Navy Federal Credit Union	Joan	Wood
NCR Corporation	Wayne	Doran
NCR Corporation	Stewart	Kelland
NCR Corporation	David	Norris
NCR Corporation	Ron	Rogers
NCR Corporation	Steve	Stevens
NCR Corporation	Hui	Wu
NetDeposit, Inc.	Danne	Buchanan
NetDeposit, Inc.	William	Wong
Oce North America, Inc	Tony	Ribeiro
Oce North America, Inc	James	Smith
Orbograph	Uriel	BenDavid
Orbograph	Joe	Gregory
Orbograph	Dave	Kiewer
Parascript, LLC	Mike	Fenton
Parascript, LLC	Kaz	Jaszczak
Paychex Inc	Carl	Tinch
Piracle	Jared	Kesler
Piracle	Alan	Quarnberg
PrintXcel	Peter	Atzman
PrintXcel	Deanna	Day
Proofspace	Paul	Doyle
Proofspace	Jacques	Francoeur
Proofspace	David	McClellan
RDM Corporation	Bill	Faulkner
RDM Corporation	Tom	Kettell

Company Represented	Representative	
RDM Corporation	Karin	McNabb
Relyco Sales Inc	Rick	Gagnon
Relyco Sales Inc	Michael	Steinberg
Reynolds and Reynolds Co.	Carolyn	Brackman
Reynolds and Reynolds Co.	Mark	Hoenie
Reynolds and Reynolds Co.	Steve	Kuhn
RMG-SWIFT	Jean-Marie	Eloy
RMG-VISA International	Joseph	Bugajski
Rosetta Technologies	Jim	Maher
Rosetta Technologies	Paul	Malinowski
Rosetta Technologies	Steven	Shapiro
Silver Bullet Technology, Inc.	Bryan	Clark
Silver Bullet Technology, Inc.	Matthew	Dunne
Solutran	Dan	Galinson
Solutran	Michelle	Kocur
Solutran	Cindy	Neiderhiser
Solutran	Carmen R.	Nordstrand
Source Technologies	Wally	Burlingham
Source Technologies	Roger	Owens
Standard Register Company	Melissa	Barnes
Standard Register Company	Russell	Hill
SWIFT/Pan Americas	James	Wills
TECSEC Incorporated	Ed	Scheidt
Texas EBT	Doug	Walker
The Clearing House	Vincent	DeSantis
The Clearing House	Henry	Farrar
The Clearing House	Susan	Long
The National Clearing House	Tom	D'Aquisto
The National Clearing House	Frank	Jaffe
The National Clearing House	Karroll	Searcy
Troy Group, Inc.	Keith	Burgoyne
Troy Group, Inc.	Michael	Riley
U.S. Bank	Tim	Dawe
U.S. Bank	Scott	LaPlante
U.S. Bank	Nicole	Mettler
U.S. Bank	Marc	Morrison
U.S. Bank	Christopher	Stickney
Unisys Corporation	David J.	Concannon
Unisys Corporation	Navnit	Shah
University Bank	Stephen	Ranzini
University Bank	Michael	Talley
VECTORsg	Jerry	Bowman
VECTORsg	Jim	Fancher
VECTORsg	Ron	Schultz
VeriFone, Inc.	Allison	Holland
VeriFone, Inc.	Dan	Kannady

ANS X9.93-2:2008

Company Represented	Representative	
VeriFone, Inc.	Brad	McGuinness
VeriFone, Inc.	Brenda	Watlington
Vicor, Inc.	Rick	Smith
VISA	John	Aafedt
VISA	Joe	Bugajski
VISA	Philippe	De Smedt
VISA	Brian	Hamilton
VISA	Charlotte	Rocha
VISA	Richard	Sweeney
Wachovia Bank	Andrew	Garner
Wachovia Bank	Raymond	Gatland
Wachovia Bank	Chris	Klapheke
Wachovia Bank	Scott	Meloun
Wachovia Bank	Keith	Ross
Wachovia Bank	Laurie	Yeager
Wells Fargo Bank	Kevin	Crockett
Wells Fargo Bank	Ann	Kirk
Wells Fargo Bank	Chuck	Perry
Wells Fargo Bank	Ruven	Schwartz
Wells Fargo Bank	Mark	Tiggas
WorkflowOne	Kurt	Schnabel
WorkflowOne	Mel	Stephenson
WorkflowOne	Larry	Willman
Xerox Corporation	Frank	Bov
Xerox Corporation	Susan	Siani

Under ASC X9 procedures, a working group may be established to address specific segments of work under the ASC X9 Committee or one of its subcommittees. A working group exists only to develop standard(s) or guideline(s) in a specific area and is then disbanded. The individual experts are listed with their affiliated organizations. However, this does not imply that the organization has approved the content of the standard or guideline. (Note: Per X9 policy, company names of non-member participants are listed only if, at time of publication, the X9 Secretariat received an original signed release permitting such company names to appear in print.)

The X9AB11 EBT/WIC group that developed this standard had the following members:

Peter Relich, Chairman

Bonnie Howard Belza, Editor

Company Represented	Representative	
ACI Worldwide	Dan	Archer
ACS, Government Solutions	Ricky	Aviles
ACS, Government Solutions	Jeff	Kohlmeyer
ACS, Government Solutions	Pat	Solitro
ACS, Government Solutions	Kevin	Zou
American Bankers Association	Tom	Judd
American Bankers Association	C. Diane	Poole

Company Represented	Representative
American Express Company	Richard Rodriguez
American Express Company	Vicky Sammons
Booz Allen Hamilton	Jamil Khan
Canadian Payments Association	Janet Lalonde
Certicom Corporation	Daniel Brown
Chickasaw Nation Nutrition Services	Joy Endres
Chickasaw Nation Nutrition Services	Jan L'Hommedieu
Discover Financial Services	Peggy Burggraf
DSHS WIC EBT	Joe Graves
Federal Reserve Bank	Darin Contini
Federal Reserve Bank	Deb Hjortland
Federal Reserve Bank	Dexter Holt
Fiserv	Mary Bland
Fiserv	Dan Otten
Food Marketing Institute	Jennifer Hatcher
FSTC, Financial Services Technology Consortium	Christine Nautiyal
GTECH Corp	Steve Lupo
Hypercom	Mohammed Arif
J.P. Morgan Chase & Co	Dick Angerosa
J.P. Morgan Chase & Co	Edward Koslow
J.P. Morgan Chase & Co	Paul Simon
J.P. Morgan Chase & Co	Bonnie Wright
JPMA, Inc.	James Magee
JPMA, Inc.	Steve Porter
Maximus, Inc.	Jon Haught
Maximus, Inc.	Peter Relich
MTG Management Consultants LLC	Penny Hubert Tisdale
MTG Management Consultants LLC	Larry Layman
NACHA The Electronic Payments Association	Nancy Grant
Stored Value Systems	Cathy Duncan
Stored Value Systems	Mike Godfrey
Stored Value Systems	Johnny Sena
Sweda Corp.	Gary Fruit
Sweda Corp.	Jim Peterson
Texas EBT	Doug Walker
Thought Matrix Consulting LLC	Edward Oppenheimer
University Bank	Stephen Ranzini
University Bank	Michael Talley
USDA Food and Nutrition Service	Gene Austin
USDA Food and Nutrition Service	Bonnie Howard Belza
USDA Food and Nutrition Service	Jennifer Kenney
USDA Food and Nutrition Service	Erin McBride
USDA Food and Nutrition Service	Kathy Ottobre
USDA Food and Nutrition Service	Kathy Tankersley
VECTORsg	Jerry Bowman
VECTORsg	Ron Schultz

ANS X9.93-2:2008

Company Represented	Representative
VeriFone, Inc.	Allison Holland
VeriFone, Inc.	Dan Kannady
VeriFone, Inc.	Brad McGuinness
VeriFone, Inc.	Brenda Watlington
VISA	Richard Sweeney
Wells Fargo Bank	Kevin Crockett
Wyoming WIC Program	Rick Joslin
Wyoming WIC Program	Janet Moran
Wyoming WIC Program	Joni Sherry

This standard provides files and records based on *ANS X9.93 Financial transaction messages- electronic benefits transfer (EBT) – Part 1:Messages* and *ANS X9.58 Financial transaction messages – electronic benefits transfer (EBT) – Food Stamps*.

Annexes A, B and C form an integral part of this standard. Annex D is for information only.

To aid clarity the following conventions are followed within this standard:

- data element names have the first letter capitalized
- data element names are shown in *italics* except when used in tables or figures.

Financial Transaction Messages – Electronic benefits transfer (EBT) Part 2: Files

1 Scope

This standard provides all parties involved in Electronic Benefits Transfer (EBT) transactions with technical specifications for exchanging financial transaction files for the Women, Infants, and Children (WIC) program and the framework for adding other EBT files and detail records in the future. The document standardizes file formats and thereby maximizes EBT productivity for all stakeholders in the industry.

This standard describes files and records between the acquirer and card issuer or their agents. It specifies file structure, format and content, data elements and values for data elements used in EBT. The method by which the settlement of funds takes place is not within the scope of this standard.

Data representation used in individual systems is subject to the commercial relationships between the parties contracting to each system. The file formats specified in this standard are designed to ensure that compatibility between systems conforming to this standard is always feasible.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. Nevertheless, parties to agreements based on this document are encouraged to consider applying the most recent edition of the referenced documents indicated below. For undated references, the latest edition of the referenced document (including any amendments) applies.

ANS X9.58 *Financial transaction messages – Electronic benefits transfer (EBT) – Food Stamps*.

ANS X9.93 *Financial transaction messages – Electronic benefits transfer (EBT) – Part 1: Messages*.

ANS 260.1–1993 *American National Standard Letter Symbols for Units of Measurement (SI Units, Customary Inch-Pound Units, and Certain Other Units)*

ANS INCITS 31-1988 (R2002) Codestart - Structure for the Identification of the Counties and County Equivalents of the United States and Its Outlying and Associated Areas for Information Interchange (formerly ANS X3.31-1988 (R1994))

DTSU X9.108:2004 *Financial transaction messages – Electronic benefit transfer (EBT) – WIC retailer interface standard*