
Uniform Commercial Code Web Service Consumer's Guide

Technical Specifications

Version 7.0
July 1, 2013

Prepared by:
David Loftus
Information Technology Division
Texas Secretary of State

Office of the Secretary of State
Austin, TX

Table of Contents

Introduction.....	3
Opening an SOSDirect Account.....	3
Location	3
Available Methods.....	3
Object Description (Constants Provided by Web Service).....	4
Object Descriptions (SendMail)	5
Object Descriptions (PickUpMail)	7
Object Description (Version Information).....	10
Checking the Status of Packets on the Web	10
Appendix A: Constants Provided by Web Service.....	11
Transaction Codes.....	11
Alternate Designations.....	11
Collateral Trust IDs.....	11
Party Codes	11
Party Extension Codes	12
Suffix.....	12
Payment Types.....	12
Credit Cards	12
Run Modes	13
Envelope Status Types.....	13
Search Types.....	13
Transaction Statuses.....	13
Appendix B: USA State Codes.....	14
Appendix C: Country Codes from ISO 3166.....	16
Appendix D: Collateral Action Codes	22
Appendix E: Transaction Reject Codes	23

Introduction

The UCC Web Service provides a means to file Financing Statements (UCC1) and Amendments (UCC3) and to submit Information Requests (UCC11) to the UCC Section through the Internet. An organization can use this service once they have opened an SOSDirect account as described below. This document is intended for the IT staff of interested organizations as a guide to writing a web service proxy to consume this service.

Opening an SOSDirect Account

You can open an SOSDirect Account as follows:

- Point your browser to <http://www.sos.state.tx.us/>.
- Click the SOSDirect icon.
- When the SOSDirect page displays, click “**click here to enter**”.
- On the **Account Login** page, scroll to the bottom and click “**request for SOSDirect Account**”.
- On the **SOSDirect Account Acknowledgment** page, enter your name and click **Continue**.
- On the second **SOSDirect Account Acknowledgment** page, complete the displayed form and click **Continue**.
- On the third **SOSDirect Account Acknowledgment** page, enter the payment information and click **Continue**.
- On the fourth **SOSDirect Account Acknowledgment** page, read the **Terms of Use Agreement** and then click “I Accept”.
- Your account number (SOSDirect Client ID) will be sent to you by e-mail at the address you provided during account set-up.
- Once this set-up is complete, you may submit envelopes of UCC transactions paying the fees either by credit card, LegalEase™, or with a pre-funded account. Accounts may not go into arrears. A convenience fee of 2.7% will be added to any credit card payment.

Location

The URL of the UCC Web Service is: https://sosdirectws.sos.state.tx.us/ucc_ws/uccservice.asmx.

Available Methods

In its present form, the UCC Web Service offers five methods to clients.

- SendMail sends a reference to an Envelope object containing transactions representing UCC filings and search orders to the web service. It also contains information identifying the client and specifying the choice of fee payment options. The web service will return a string indicating the success or failure of the transmission.
- PickUpMail retrieves any responses to previously submitted envelopes that are ready for pickup. It is invoked with these parameters:
 - A reference to an empty Response object that the web service will populate.

- Your SOSDirect Client ID.
- Your SOSDirect Password.
- The Run Mode (see [Appendix A](#)).

The populated [Response](#) object may contain zero, one or many [Envelope Response](#) objects. The web service will also return a string indicating the success or failure of the transmission.

- [SetEnvelopeStatus](#) can be used to reset the status of an envelope flagged as “Picked Up” to “Ready for Pickup” and vice versa. It is invoked with these parameters:
 - The Run Mode (see [Appendix A](#)).
 - The ID of the Envelope.
 - Your SOSDirect Client ID.
 - Your SOSDirect Password.
 - The Desired Status of the Envelope (see [Appendix A](#)).
- [GetStateTable](#) gets a list of USA state names and their state codes that may be used to populate an array or a GUI object such as a combo box. The present list of state codes is in [Appendix B](#). The returned list is in the form of a collection of structures named StateStruct. This structure contains two strings named StateAbbreviation and StateName.
- [GetCountryTable](#) gets a list of country names and their three-letter abbreviations that may be used in a manner similar to the state name list. The present list of country abbreviations is in [Appendix C](#). The returned list is in the form of a collection of structures named CountryStruct. This structure contains two strings named CountryAbbreviation and CountryName.
- [GetVersionInfo](#) returns an object containing the title, version number and the date that the web service was last updated. Occasional use of this method can alert you to the need to update your web service.

Object Description (Constants Provided by Web Service)

At the top of the class structure is the Constants class. It is named clsConstants and is an abstract class, that is, it cannot be instantiated and must be inherited by a subclass. It is inherited by the SendMail [Envelope](#) class and the PickupMail [Response](#) class allowing these classes access to its definitions. See [Appendix A](#) for a list of these.

This class also contains the definitions of StateStruct and CountryStruct which are used by the GetStateTable and GetCountryTable methods respectively.

Object Descriptions (SendMail)

The SendMail method will send a single envelope from the client to the web service. The Envelope class is named clsEnvelope and contains envelope header data elements, an optional [Client](#) object, and one or more [Transaction](#) objects. The header data elements are:

- Client ID (numeric) – This identifier and the following password are the same as you use to log into SOSDirect.
- Password (up to 20 characters)
- Payment Type (1 digit) – Valid payment types are in [Appendix A](#).
- Credit Card Type (1 digit) – Valid credit cards are in [Appendix A](#).
- Credit Card Number (16 digits)
- Credit Card Expiry Year (4 digits)
- Credit Card Expiry Month (2 digits)
- Envelope ID (up to 9 digits) – This is a unique identifier assigned to each envelope by your system. It will appear as a reference on the Status pages on our SOSDirect website.
- Run Mode (1 digit) – Valid run modes are in [Appendix A](#). No payment data is required for testing.

The Client class is named clsClient and is only required if the name on the credit card differs from the name on your client account. Fill out the appropriate name elements depending on whether the credit card represents an organization or individual account.

- Organizations Name (up to 300 characters)
- First Personal Name (up to 50 characters)
- Additional Names or Initials (up to 50 characters)
- Individuals Surname (up to 50 characters)
- Name Suffix (up to 6 characters) – Valid suffixes are in [Appendix A](#).
- Address Line 1 (up to 50 characters)
- Address Line 2 (up to 50 characters)
- City (up to 50 characters)
- State Code (2 characters) – Valid state codes are in [Appendix B](#).
- Postal Code (up to 9 digits)
- Postal Code Extension (up to 6 characters)
- Country (3-character abbreviation) – Valid country codes are in [Appendix C](#).
- Phone Number (up to 16 characters) – Optional.
- Phone Extension (up to 6 characters) – Optional.
- Fax Number (up to 16 characters) – Optional.
- E-Mail (up to 64 characters) – Optional.

The Transaction class is an abstract class named clsTransaction. Its subclasses are the [Search Order](#) class and the [UCC Filing](#) class and the envelope can contain one or more of each type of object. It contains two data elements:

- Transaction ID (up to 9 digits) – This is a unique identifier assigned to this transaction by your system. It will appear as a reference on the Status pages on our SOSDirect website.
- Transaction Code (1 digit) – Valid transaction codes are in [Appendix A](#).

The Search Order class is named `clsSearchOrder` and is a subclass of the Transaction class. It represents a UCC11 search order. Its data elements are:

- Search Type (1 digit) – Indicates whether this is a City Search or a Global Search. Valid search types are in [Appendix A](#).
- Party Code (1 digit) – Indicates whether this is an organization or individual entity and whether this is a debtor or secured party. Valid party codes are in [Appendix A](#).
- Organizations Name (up to 300 characters) – Required for organization entities.
- First Personal Name (up to 50 characters) – Required for individual entities.
- Additional Names or Initials (up to 50 characters) – Optional for individual entities.
- Individuals Surname (up to 50 characters) – Required for individual entities.
- City (up to 64 characters) – Required for city searches.
- State Code (2 characters) – Required for city searches. Valid state codes are in [Appendix B](#).
- Country Abbreviation (3 characters) – Required for city searches. Valid country abbreviations are in [Appendix C](#).

The UCC Filing class is named `clsUCCFiling` and is a subclass of the Transaction class. It represents either a UCC1 original filing or a UCC3 amendment. It contains a [Party](#) object for each party to the filing and the following data elements:

- Initial Filing Number (numeric) – The filing number of the initial financing statement to be amended. Required for amendments.
- Alternate Designation – Used when the filing is a leasing agreement, consignment, etc. Valid alternate designation codes are in [Appendix A](#).
- Collateral Trust ID – Used when collateral is held in a trust, or collateral is being administered by a Decedent’s Personal Representative. Valid debtor type ID codes are in [Appendix A](#).
- Collateral Action (2 characters) – Required for amendments affecting collateral. Valid collateral action codes are in [Appendix D](#).
- Collateral (unlimited number of characters) – A freeform description of the collateral.
- Optional Filer Reference (up to 80 characters).

The Party class is an abstract class named `clsParty` having [Organization Party](#) and [Individual Party](#) as immediate subclasses. Its data elements are:

- Party Code (1 digit) – Indicates whether this is an organization or individual entity and whether this is a debtor or secured party. Valid party codes are in [Appendix A](#).
- Party Code Extension – A further definition of the party’s role in the filing. Valid party code extensions are in [Appendix A](#).
- Street Address (up to 110 characters)
- City (up to 64 characters)
- State Code (2 characters) – Valid state codes are in [Appendix B](#).
- Postal Code (up to 15 characters)
- Country Abbreviation (3 characters) – Valid country abbreviations are in [Appendix C](#).

The Organization Party class is a subclass of the Party class named `clsOrganizationParty`. It is itself an abstract class having [Organization Debtor](#) and [Organization Secured Party](#) as subclasses. Its only data element is:

- Organizations Name (up to 300 characters)

The Organization Secured Party class is a subclass of Organization Party named `clsOrganizationSecuredParty`. It has no data elements.

The Individual Party class is a subclass of the Party class named `clsIndividualParty`. It is itself an abstract class having [Individual Debtor](#) and [Individual Secured Party](#) as subclasses. Its data elements are:

- First Personal Name (up to 50 characters)
- Additional Names or Initials (up to 50 characters)
- Individuals Surname (up to 50 characters)
- Name Suffix (up to 6 characters) – Valid suffixes are in [Appendix A](#).

The Individual Debtor class is a subclass of the Individual Party class named `clsIndividualDebtor`. It has no data elements.

The Individual Secured Party class is a subclass of the Individual Party class named `clsIndividualSecuredparty`. It has no data elements.

Object Descriptions (PickUpMail)

The PickUpMail method will retrieve a response from the web service. The Response class is named `clsResponse` and contains response header data elements and zero, one or many [Envelope Response](#) objects. The header data elements are:

- Response Time – The date and time that this response was transmitted.
- Envelope Count – The number of envelope response objects.

The Envelope Response class is named `clsResponseEnvelope` and contains a [Transaction Response](#) for each transaction in the envelope. Its data elements are:

- Envelope ID – The unique identifier assigned to this envelope by your system.
- Received Date – The date and time the envelope was received by the web service.
- Transaction Count – The count of transactions in this envelope.

The Transaction Response class is named `clsResponseTransaction` and contains either a [Search Response](#) object or a [Filing Response](#) object. If the transaction was rejected, it will also contain one or more [Reject Reason](#) objects. Its data elements are:

- Filing Date – For an accepted filing, this contains the filing date and time assigned by our system.

- Filing Number – For an accepted filing, this is the filing number assigned by our system.
- Transaction ID – The unique identifier assigned to this transaction by your system.
- Status – Valid statuses are in [Appendix A](#).
- Transaction Code – Valid transaction codes are in [Appendix A](#).

The Search Response class is named `clsResponseSearch` and contains a [Matching Filing Response](#) object for each filing that was found to have the entity searched for as a party. Its data elements are:

- Reference Number – The document number assigned to this transaction by our system.
- Search Type – Valid search types are in [Appendix A](#).
- Party Code – The party code of the entity searched. Valid party codes are in [Appendix A](#).
- Organizations Name – This and the following data elements identify the entity searched for.
- First Personal Name
- Additional Names or Initials
- Individuals Surname
- Name Suffix
- City
- State Code
- Country Abbreviation

The Matching Filing Response class is named `clsResponseMatchingFiling` and contains [Matching Party Response](#) objects and [Matching Amendment Response](#) objects for parties and amendment to the matching filing. Its data elements are:

- Filing Number
- Filing Date
- Alternate Designation
- Collateral Trust ID
- Description – Either “Initial Financing Statement”, “Public-Finance Transaction”, or “Manufactured-Home Transaction”

The Matching Party Response class is named `clsResponseMatchingParty` and has the following data elements:

- Party Code
- Party Extension
- Organizations Name
- First Personal Name
- Additional Names or Initials
- Individuals Surname
- Name Suffix
- Address
- City
- State Code

- Postal Code
- Country Abbreviation

The Matching Amendment Response class is named `clsResponseMatchingAmendment` and has the following data elements:

- Filing Number
- Filing Date
- Description – Type of amendment.

The Filing Response class is named `clsResponseFiling` and contains a [Filing Party Response](#) object for each party to the filing and [Filing Collateral Response](#) object for the collateral. It has the following data elements:

- Filing Number
- Initial Financing Statement File Number

The Filing Party Response class is named `clsResponseFilingParty` and has the following data elements:

- Party Code
- Party Extension Code
- Organizations Name
- First Personal Name
- Additional Names or Initials
- Individuals Surname
- Name Suffix
- Address
- City
- State Code
- Postal Code
- Country Abbreviations

The Filing Collateral Response class is named `clsResponseFilingCollateral` and has the following data elements:

- Line Sequence – Your collateral description will be echoed back to you as a series of lines. The Line Sequence element is used to order these lines.
- Action Code
- Description

The Reject Reason Response class is named `clsResponseRejectReason` and has the following data elements:

- Reject Code – A list of reject codes can be found in [Appendix E](#).
- Reject Reason

Object Description (Version Information)

This object is returned in response to a GetVersionInfo request and has the following data elements:

- Title – (Texas Secretary of State UCC Web Services)
- Version – (e.g. 2.0)
- Last Updated – (e.g. 05/21/2013)

Checking the Status of Packets on the Web

You can check the status of your envelopes on our SOS Direct Website.

When you start testing, you can check the status of your test envelopes at <https://uatwebservices.sos.state.tx.us/>

When you are to go live, you can check the status of your production envelopes at <https://webservices.sos.state.tx.us>

Appendix A: Constants Provided by Web Service

Transaction Codes

0	None
1	Initial Financing Statement
2	Public-Finance Transaction
3	Manufactured-Home Transaction
4	Continuation
5	Termination
7	Assignment
8	Search Order
9	Change Party Amendment
10	Collateral Change Amendment

Alternate Designations

0	None
1	Lessee/Lessor
2	Consignee/Consignor
3	Bailee/Bailor
4	Seller/Buyer
7	Licensee/Licensor

Collateral Trust IDs

0	None
4	Held in a Trust
5	Administered by Decedent's Personal Representative

Party Codes

0	None
1	Organization Debtor
2	Organization Secured Party
3	Individual Debtor
4	Individual Secured Party

Party Extension Codes

0	None
1	Assignor
2	Add Organization Debtor
3	Add Individual Debtor
4	Assignee
5	Authorizing Party
6	Old Debtor
7	New Debtor
8	Old Secured Party
9	New Secured Party
10	Add Organization Secured Party
11	Add Individual Secured Party
12	Deleted Debtor
13	Deleted Secured Party

Suffix

1	Sr
2	Jr
3	I
4	II
5	III
6	IV
7	V
8	VI
9	X
11	VII
12	VIII

Payment Types

0	None
3	Credit Card
4	LegalEase™
5	Client Account

Credit Cards

0	None
1	MasterCard
2	VISA
3	Discover
4	American Express

Run Modes

0	None
1	Production
2	Test

Envelope Status Types

3	ReadyForPickup
4	PickedUp

Search Types

0	None
1	City Search
2	Global Search

Transaction Statuses

0	None
1	Accepted
2	Rejected

Appendix B: USA State Codes

<u>STATE NAME</u>	<u>CODE</u>
ALABAMA	AL
ALASKA	AK
AMERICAN SAMOA.....	AS
ARIZONA.....	AZ
ARKANSAS.....	AR
CALIFORNIA	CA
COLORADO	CO
CONNECTICUT	CT
DELAWARE	DE
DISTRICT OF COLUMBIA	DC
FEDERATED STATES OF MICRONESIA.....	FM
FLORIDA	FL
GEORGIA.....	GA
GUAM	GU
HAWAII	HI
IDAHO.....	ID
ILLINOIS.....	IL
INDIANA	IN
IOWA.....	IA
KANSAS.....	KS
KENTUCKY.....	KY
LOUISIANA.....	LA
MAINE	ME
MARSHALL ISLANDS.....	MH
MARYLAND	MD
MASSACHUSETTS.....	MA
MICHIGAN	MI
MINNESOTA.....	MN
MISSISSIPPI	MS
MISSOURI	MO
MONTANA	MT
NEBRASKA.....	NE
NEVADA.....	NV
NEW HAMPSHIRE	NH
NEW JERSEY	NJ
NEW MEXICO.....	NM
NEW YORK.....	NY
NORTH CAROLINA	NC
NORTH DAKOTA.....	ND
NORTHERN MARIANA ISLANDS.....	MP
OHIO.....	OH
OKLAHOMA	OK
OREGON.....	OR
PALAU	PW

PENNSYLVANIA.....	PA
PUERTO RICO	PR
RHODE ISLAND	RI
SOUTH CAROLINA.....	SC
SOUTH DAKOTA	SD
TENNESSEE	TN
TEXAS.....	TX
UTAH	UT
VERMONT.....	VT
VIRGIN ISLANDS.....	VI
VIRGINIA	VA
WASHINGTON	WA
WEST VIRGINIA	WV
WISCONSIN	WI

Appendix C: Country Codes from ISO 3166

<u>COUNTRY NAME</u>	<u>CODE</u>
AFGHANISTAN	AFG
ALBANIA.....	ALB
ALGERIA.....	DZA
ANDORRA.....	AND
ANGOLA.....	AGO
ANQUILLA	AIA
ANTIGUA AND BARBUDA	ATG
ARGENTINA	ARG
ARMENIA	ARM
ARUBA.....	ABW
AUSTRALIA	AUS
AUSTRIA	AUT
AZERBAIJAN.....	AZE
BAHAMAS.....	BHS
BAHRAIN	BHR
BANGLADESH	BGD
BARBADOS.....	BRB
BELARUS	BLR
BELGIUM	BEL
BELIZE.....	BLZ
BENIN	BEN
BERMUDA.....	BMU
BHUTAN.....	BTN
BOLIVIA	BOL
BOSNIA AND HERZEGOVINA	BIH
BOTSWANA.....	BWA
BOUVET ISLAND.....	BVT
BRAZIL	BRA
BRITISH INDIAN OCEAN TERRITORY.....	IOT
BRITISH VIRGIN ISLANDS	VGB
BRUNEI DARUSSALAM	BRN
BULGARIA.....	BGR
BURKINA FASO	BFA
BURUNDI	BDI
CAMBODIA.....	KHM
CAMEROON.....	CAM
CANADA	CAN
CAPE VERDE.....	CPV
CAYMAN ISLANDS.....	CYM
CENTRAL AFRICAN REPUBLIC	CAF
CHAD	TCD
CHANNEL ISLANDS.....	GBR
CHILE.....	CHL
CHINA.....	CHN

COCOS (KEELING) ISLANDS	AUS
COLUMBIA	COL
COMOROS.....	COM
CONGO	COG
COOK ISLANDS	COK
COSTA RICA.....	CRI
COTE D'IVOIRE.....	CIV
CROATIA.....	HRV
CUBA	CUB
CYPRUS.....	CYP
CZECH REPUBLIC	CZE
DAHOMEY	BEN
DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA	PRK
DEMOCRATIC REPUBLIC OF CONGO	COD
DENMARK	DNK
DJIBOUTI.....	DJI
DOMINICA	DMA
DOMINICAN REPUBLIC.....	DOM
EAST TIMOR.....	TMP
ECUADOR	ECU
EGYPT.....	EGY
EL SALVADOR.....	SLV
EQUATORIAL GUINEA	GNQ
ERITREA.....	ERI
ESTONIA	EST
ETHIOPIA	ETH
FAEROE ISLANDS	FRO
FALKLAND ISLANDS (MALVINAS)	FLK
FIJI	FJI
FINLAND.....	FIN
FRANCE.....	FRA
FRENCH GUIANA	GUF
FRENCH POLYNESIA.....	PYF
FRENCH SOUTHERN TERRITORIES.....	ATF
GABON	GAB
GAMBIA	GMB
GEORGIA.....	GEO
GERMANY	DEU
GHANA	GHA
GIBRALTAR.....	GIB
GREAT BRITAIN	GBR
GREECE.....	GRC
GREENLAND	GRL
GRENADA.....	GRD
GUADELOUPE.....	GLP
GUAM	GUM
GUATEMALA	GTM
GUERNSEY	GUE

GUINEA	GIN
GUINEA-BISSAU.....	GNB
GUYANA	GUY
HAITI.....	HTI
HEARD AND MCDONALD ISLANDS	HMD
HOLLAND	NLD
HOLLAND	NLD
HOLY SEE	VAT
HONDURAS	HND
HONG KONG SPECIAL ADMINISTRATIVE REGION OF CHINA	HKG
HUNGARY.....	HUN
ICELAND	ISL
INDIA	IND
INDONESIA.....	IVC
IRAN.....	IRN
IRAQ.....	IRQ
IRELAND.....	IRE
ISLE OF MAN.....	IMY
ISRAEL.....	ISR
ITALY.....	ITA
IVORY COAST.....	CIV
JAMAICA.....	JAM
JAPAN	JPN
JERSEY	JEY
JORDAN.....	JOR
KAZAKHSTAN	KAZ
KENYA.....	KEN
KIRIBATI.....	KIR
KUWAIT	KWT
KYRGYZSTAN	LTU
LAO PEOPLE'S DEMOCRATIC REPUBLIC	LAO
LATVIA.....	LVA
LEBANON	LBN
LESOTHO	LSO
LIBERIA.....	LBR
LIBYAN ARAB JAMAHIRIYA	LBY
LIECHTENSTEIN.....	LIE
LITHUANIA.....	LTU
LUXEMBORG	LUX
MACAO SPECIAL ADMINISTRATIVE REGION OF CHINA	MAC
MADAGASCAR	MDG
MALAWI.....	MWI
MALAYSIA	MYS
MALI	MLI
MALTA	MLT
MARSHALL ISLANDS.....	MHL
MARTINQUE.....	MTQ
MAURITANIA.....	MRT

MAURITIUS	MUS
MAYOTTE.....	MAY
MEXICO.....	MEX
MICRONESIA, FEDERATED STATES OF.....	FSM
MONACO.....	MCO
MONGOLIA.....	MNG
MONTENEGO	MNE
MONTSERRAT	MSR
MOROCCO	MAR
MOZAMBIQUE.....	MOZ
MYANMAR	MMR
NAMIBIA.....	NAM
NAURU	NRU
NEPAL.....	NPL
NETHERLANDS ANTILLES	ANT
NEW CALEDONIA	NCL
NEW ZEALAND.....	NZL
NICARAGUA.....	NIC
NIGER	NER
NIGERIA	NGA
NIUE.....	NIU
NORFOLK ISLAND	NFK
NORTHERN IRELAND	GBR
NORTHERN MARIANA ISLANDS.....	MNP
NORWAY.....	NOR
OCCUPIED PALESTINE TERRITORY	PSE
OMAN	OMN
PAKISTAN.....	PAK
PALAU	PLW
PANAMA	PAN
PAPUA NEW GUINEA.....	PNG
PARAGUAY	PRY
PERU	PER
PHILLIPINES.....	PHL
PITCAIRN	PCN
POLAND	POL
PORTUGAL.....	PRT
PUERTO RICO	PRI
QATAR.....	QAT
REPUBLIC OF KOREA	KOR
REPUBLIC OF MOLDOVA.....	MDA
REUNION.....	REU
ROMANIA	ROU
RUSSIAN FEDERATION	RUS
RWANDA.....	RWA
SAINT HELENA.....	SHN
SAINT KITTS AND NEVIS	KNA
SAINT LUCIA.....	LCA

SAINT PIERRE AND MIQUELON	APM
SAINT VINCENT AND THE GRENADINES	VCT
SAMOA	WSM
SAN MARINO	SMR
SAO TOME AND PRINCIPE.....	STP
SAUDI ARABIA	SAU
SCOTLAND	GBR
SENEGAL	SEN
SERBIA AND MONTENEGRO.....	SCG
SEYCHELLES	SYC
SIERRA LEONE	SLE
SINGAPORE	SGP
SLOVAKIA	SVK
SLOVENIA.....	SVN
SOLOMON ISLANDS.....	SLB
SOMALIA	SOM
SOUTH AFRICA.....	ZAF
SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS	SGS
SPAIN	ESP
SRI LANKA	LKA
SUDAN.....	SDN
SURINAME.....	SUR
SVALBARD AND JAN MAYEN ISLANDS	SJM
SWAZILAND.....	SWZ
SWEDEN.....	SWE
SWITZERLAND	CHE
SYRIAN ARAB REPUBLIC	SYR
TAIWAN PROVINCE OF CHINA	TWN
TAJKISTAN.....	TJK
THAILAND.....	THA
THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA	MKD
TIMOR-LESTE	TLS
TOGO	TGO
TOKELAU.....	TKL
TONGA.....	TON
TRINIDAD AND TOBAGO	TTO
TUNISIA.....	TUN
TURKEY	TUR
TURKMENISTAN.....	TKM
TURKS AND CAICOS ISLANDS	TCA
TUVALO	TUV
UGANDA	UGA
UKRAINE.....	UKR
UNITED ARAB EMIRATES.....	ARE
UNITED KINGDOM	GBR
UNITED KINGDOM	UK
UNITED REPUBLIC OF TANZANIA.....	TZA
UNITED STATES MINOR OUTLYING ISLANDS	UMI

UNITED STATES OF AMERICA	USA
UNITED STATES VIRGIN ISLANDS	VIR
URUGUAY.....	URY
UZBEKISTAN	UZB
VANUATU.....	VUT
VENEZUELA.....	VEN
VIET NAM.....	VNM
WALES.....	WAL
WALLIS AND FUTUNA ISLANDS.....	WLF
WESTERN SAHARA	ESH
YEMEN	YEM
YUGOSLAVIA	YUG
ZAMBIA.....	ZMB
ZIMBABWE.....	ZWE

Appendix D: Collateral Action Codes

<u>CODE</u>	<u>Action Code</u>
AI	Add Item
CA	Change Item (or restatement)
DI	Delete Item
TI.....	Transfer Item (assigned)

Appendix E: Transaction Reject Codes

<u>CODE</u>	<u>Reject Reason</u>
AUTH	Filing Missing Required Authorizing Party
CID.....	Client ID is Invalid
CMIS.....	City Name or State Code Missing for City Search
FCBA	Specified Filing Type Cannot Be Amended
FCBC	Filing Cannot Be Continued
FINA	Filing Not Active
FNTF.....	Filing Not Found
FTOE.....	Filing Too Early
ICC.....	Invalid Collateral Code
INCD.....	Invalid Name Code
INFO	Invalid Form Number
INVD.....	Filing Invalid
ISCD	Invalid Search Code
MOD	Multiple Requests in a Single Transaction
NBDN	No Organization Debtor Name
NBSN.....	No Organization Secured Party Name
ND.....	Insufficient Debtor Info
NMIS.....	Name Parameter Missing on a Search Request.
NPDN.....	No Individual Debtor Name (no last name)
NPSN	No Individual Secured Party Name (no last name)
NS	Insufficient Secured Party Info
SLMT	Number of Search Matches Exceeds Limit.