Data Transmission Standards

PT-61 Export File

December 18, 2017

Revision History

12/18/2017 – Added Certificate of Lien Clearance Line type and specifications

9/5/2012 – Added C11 (Chap. 11 Bankruptcy) exemption code

4/17/2006 – Removed the county references from the File Naming section.

9/29/2004 – The following changes where made by Richard McPhaul
- Added a **CountryAbv** field to Actor Line. For U.S. and Military Addresses this will always be USA.
- Added **Appendix A** which is the CountryAbv to CountryName translation table.
- Changed the Max Size of State to 100 from 2. If it is a U.S address then the state will still be the 2 character abbreviation, if it is a International or Foreign address then it is Free Form entry and can be up to 100 characters.
- Changed the Max Size of Zip to 50 from 9. For U.S. addresses it will still either be the 5 or 5+4 digit formats. For International and Military Addresses it is now free text entry.
- Added the **AddressTypeID** field to Actor Line.
- Added a Record Action field to the filing line. This will be "**I**" for new records and "**U**" for updates to records.

10/06/2004 – The following changes where made by Richard McPhaul
- Added a **CountryName** field to Actor Line. This was to make mailings easier since the USPS claims some countries will take the abbreviation and other will not. For example, Canada will not.

10/14/2004 – The following changes where made by Richard McPhaul
- Corrected AddressTypeID definition.

12/21/2004 – Added the following new exemption codes
- ATP – Agent to Principle / Nominee to Principle
- CD – Cemetery deed
- CM – Corporate Merger
- CTC – Corporation to Corporation
- DCTV – Deed Confirming Title Already Vested
- DOC – Deed of Correction
- PD – Partition Deed
- SDOR – Sheriff's Deed of Redemption

File Naming

The ASCII data files shall be electronic computer files composed in the American National Standards Institute ANSI X3.4-1986 standard; Information Systems Coded Character Set, 7-Bit American Standard Code for Information Interchange (ASCII).

The filename of each transmitted ASCII data file will be unique, twelve characters in length, and in "8 dot 3" format in compliance with ISO 9660. The filename for each file shall be established as follows:

   1) The first character is the letter 'P' to signify the file is a PT-61 extract file.

   2) The second character is a letter from A-Z representing the century: 'A' representing the years 1600 to 1699, 'B' representing 1700 to 1799, 'C' representing 1800 to 1899, 'D' representing 1900 to 1999, 'E' representing 2000 to 2099, etc.

   2) The next two characters shall be the last 2 digits of the year.

   3) The next five characters consist of the digits 0 through 9 and represent a sequential number starting at 00001 at the beginning of each year and be incremented for subsequent files.

   4) A period (ASCII code 46).

   5) The final three characters will be 'ext'.

For example, the twenty-fifth extract file sent from the GSCCCA in 2004 would be transmitted in the file named: PE0400025.ext.

Header Data

The beginning of each ASCII data file will contain header information used to to assure it has been properly transmitted from the Authority's Central Collection System and to its final destination. This information shall consist of the following items and in the order listed:

1. Checksum hexadecimal code. This is to be calculated by adding the sum of all the ASCII codes for every character in the file (including all delimiters, carriage returns, linefeeds, character count field described below, etc.) except for the seven hexadecimal digits that will compose the code itself; then inserting this sum as a hexadecimal value into the formula: checksum = (characters ASCII codes sum in hex) AND (FFFFFFF). The checksum shall contain necessary leading zeroes as to always be 7 hexadecimal digits in length. Any letters in the hexadecimal code will be in capitals.

2. The file character count in decimal (base 10, not hexadecimal nor binary) format for the entire file. This number shall be eight characters in length with leading zeros. If the filesize requires greater than eight characters, subtract multiples of 100,000,000 until the number can fit within eight characters (is less than or equal to 99999999). The character count is to include all ASCII codes in the files, including line feeds and carriage returns.

The GSCCCA can also provide a sample VB application demonstrating how to calculate this checksum and character count listed above.

The item 2 above, shall each be preceded and followed by (and only by) double quotes (", ASCII code 34) and separated by commas (, ASCII code 44). The checksum will appear as the first seven characters of the first line and shall not be surrounded by quotes, but followed by a comma.

Immediately following this header shall be a carriage return (ASCII code 13) and linefeed (ASCII code 10).

Lines of Data

The file will contain quote, comma-delimited fields. Data shall be grouped into lines, which is defined herein as the data between consecutive combinations of a carriage return (ASCII code 13) and linefeed (ASCII code 10) codes. A line shall be a group of ASCII data terminated by ASCII codes 13 and 10. Data contained in each line shall be organized into fields described below and all such fields shall be preceded and followed by (and only by) double quotes (", ASCII code 34) and separated by commas (, ASCII code 44).

Each line has a specific Line Type and there is a logical grouping of lines for each PT-61 Filing. Each grouping of lines can be linked using the filing id listed in the line. For each filing you should expect to see one or more of the following lines in the order listed below:
- Filing Line (line type "F")
- Actor Lines (line type "A", will include actor types to distinguish different parties involved)
- Property Line (line type "P")
- Property Tax Line (line type "T")
- Certificate of Lien Clearance Line (line type "C")

Fields

The data for each field shall be placed within the appropriate line and be preceded and followed by a double quotation mark (", ASCII code 34) with a comma (, ASCII code 44) separating fields within a line. An empty field shall retain double quotes as a placeholder. Data fields shall be trimmed to eliminate trailing and leading spaces unless otherwise specified.

Filing Line Fields

Each line for these orders shall contain each of the following fields in the order specified:

Line Type – Line type signifying a Filing line
Length: 1 Type: Char
Value: "**F**"

Filing ID – Unique identifier used ONLY for linking the line types together (more efficient than using the Doc. Number).
Type: Numeric

Document Number – Unique identifier for the PT-61 Filing
Max Length: 50 Type: Char
Example value – PT-61 001-2004-000001

Date Entered – Date the PT-61 was initially entered into the GSCCCA database
Length: 10 Type: Date
Format: MM/DD/YYYY

Deed Book – Deed book associated with the PT-61 filing
Max Length: 5 Type: Char

Deed Page – Deed page associated with the PT-61 filing
Max Length: 4 Type: Char

Record Action – This will signify if it is a new record or an update to a record that has already been sent
Max Length: 1 Type: Char
Values: Will be on of the following roles

Code	Description
I	Insert or basically a new record
U	Update

Actor Line Fields

There will be more than 1 type of this line. Each line for these orders shall contain each of the following fields in the order specified:

Line Type – Line type signifying an Actor line
Length: 1 Type: Char
Value: "**A**"

Filing ID – Unique identifier used ONLY for linking the line types together (more efficient than using the Doc. Number).
Type: Numeric

Actor Role – Type of Actor
Max Length: 2 Type: Char
Values: Will be on of the following roles

Code	Description
S	Seller
B	Buyer
BA	Additional Buyer

Business Flag – Indicates if actor is a business
Length: 1 Type: Numeric
Values: 0 – False, indicates actor is an individual
         1 – True, indicates actor is a business

Name Last – Last name of actor or business name of actor if business flag is set to 1
Max Length: 100 Type: Char

Name First – First name of actor
Max Length: 70 Type: Char

Name Middle – Middle name of actor
Max Length: 70 Type: Char

Address 1 – Address line 1 of actor
Max Length: 200 Type: Char

Address 2 – Address line 2 of actor
Max Length: 200 Type: Char

City – City of actor
Max Length: 70 Type: Char

State – State abbreviation of actor for U.S Addresses, State/Province/Region for International and Military Addresses
Length: 100 Type: Char

Zip – Zip code of actor, use the 9 digit zip but extra 4 digits are optional for U.S. Address, free form entry for International
Max Length: 50 Type: Numeric
Format: ######### or #####

Country Abbreviation – Country abbreviation of actor
Length: 3 Type: Char
See Appendix A for Country Abbreviation to Country Name translation table

Country Name – Country name of actor
Max Length: 50 Type: Char
See Appendix A for Country Abbreviation to Country Name translation table

AddressTypeID – Numeric designation of the address type. Use the table below as a lookup.
Length: 1 Type: Numeric
Values: Will be on of the following address type ids.

Address Type ID	Description
1	U.S. Address
2	International Address
3	Military Address

Property Line Fields

Each line for these orders shall contain each of the following fields in the order specified:

Line Type – Line type signifying an Actor line
Length: 1 Type: Char
Value: "**P**"

Filing ID – Unique identifier used ONLY for linking the line types together (more efficient than using the Doc. Number).
Type: Numeric

Sale Date– Sale Date of property
Length: 10 Type: Date
Format: MM/DD/YYYY

House Number – House Number of property
Max Length: 6 Type: Char

Extension – Extension of property
Max Length: 5 Type: Char

Pre-Direction – Pre-direction of property
Max Length: 2 Type: Char
Values: Will be on of the following roles

Code	Description
NW	North West
N	North
NE	North East
E	East
SE	South East
S	South
SW	South West
W	West

Street Name – Street name of property
Max Length: 35 Type: Char

Street Type – Street type of property, uses abbreviation found on USPS web site
Max Length: 4 Type: Char

Post-Direction – Post-direction of property
Max Length: 2 Type: Char

Values: Will be on of the following roles

Code	Description
NW	North West
N	North
NE	North East
E	East
SE	South East
S	South
SW	South West
W	West

Suite – Suite of property
Max Length: 5 Type: Char

County Code – The three digit county code.
Length: 3 Type: Numeric
Format: Left zero padded (ex. 001, 002, 003 …)

City – City of property
Max Length: 50 Type: Char

Map Number – Map Number of property
Max Length: 50 Type: Char

Account Number – Account Number of property
Max Length: 10 Type: Char
Format: Left space padded (ex. "   1023")

Acres – Acres of property
Type: Float Numeric
Format: #######.##

Tax District – Tax District of property
Max Length: 10 Type: Char

GMD – GMD of property
Max Length: 10 Type: Char

Land District – Land District of property
Max Length: 10 Type: Char

Land Lot – Land Lot of property
Max Length: 50 Type: Char

Block – Block of property
Max Length: 50 Type: Char

Intended Use – Intended use of property
Length: 1 Type: Char
Values: Will be on of the following roles

Code	Description
R	Residential
C	Commercial
I	Industrial
A	Agriculture

Property Tax Line Fields

Each line for these orders shall contain each of the following fields in the order specified:

Line Type – Line type signifying an Actor line
Length: 1 Type: Char
Value: "**T**"

Filing ID – Unique identifier used ONLY for linking the line types together (more efficient than using the Doc. Number).
Type: Numeric

Actual Value – Actual value of property
Type: Float Numeric
Value: #########.##

Estimated Value – Estimated value of property
Type: Float Numeric
Value: #########.##

Fair Market Value – Fair market value of property
Type: Float Numeric
Value: #########.##

Liens And Encumbrances – Liens and encumbrances of property
Type: Float Numeric
Value: #########.##

Net Tax – Net tax of property
Type: Float Numeric
Value: #########.##

Tax Due – Tax due of property
Type: Float Numeric
Value: #########.##

Exempt Code – Exempt Code of property
Max Size: 10 Type: Char
Values: Will be on of the following codes

Code	Description
ATP	Agent to Principle / Nominee to Principle
C11	Chap. 11 Bankruptcy
CD	Cemetery deed
CTIT	Company to Individual Transfer
CM	Corporate Merger
CTC	Corporation to Corporation
DCTV	Deed Confirming Title Already Vested
DLF	Deed in Lieu of Foreclosure
DOC	Deed of Correction
DOG	Deed of Gift
DBT	Divorce Based Transfer
ESTD	Estate Deed
FTF	First Transferee Foreclosure
GOV	Govt/NonProfit Public Corp
ITCT	Individual to Company Transfer
JTD	Joint Tenant Division
PD	Partition Deed

PRA	Public Road Acquisition
SDOR	Sheriff's Deed of Redemption
YSO	Year's Support Order

Certificate of Lien Clearance Fields

There will be 0 or more of this type of line. Each line for these orders shall contain each of the following fields in the order specified:

Line Type – Line type signifying a Certificate of Lien Clearance line
Length: 1 Type: Char
Value: "**C**"

Filing ID – Unique identifier used ONLY for linking the line types together (more efficient than using the Doc. Number).
Type: Numeric

Certificate of Lien Clearance Number – The certificate of lien clearance number entered by the filer.
Max Length: 20 Type: Char

End of File

After all data in the file, there shall be an additional line containing only an end-of-file indicator used to assure that the file was transmitted properly and received in whole. This indicator shall be the following five characters: [EOF], or ASCII codes 91, 69, 79, 70, 93. No quotes or commas are to be included on this line. These should be the last five characters of any ASCII data file.

Appendix A – CountryAbv to CountryName translation table

Country Abbreviation	Country Name
ABW	Aruba
AFG	Afghanistan
AGO	Angola
AIA	Anguilla
ALB	Albania
AND	Andorra
ANT	Netherlands Antilles
ARE	United Arab Emirates
ARG	Argentina
ARM	Armenia
ASM	American Samoa
ATA	Antarctica
ATF	French Southern Territories
ATG	Antigua And Barbuda
AUS	Australia
AUT	Austria
AZE	Azerbaijan
BDI	Burundi
BEL	Belgium
BEN	Benin
BFA	Burkina Faso
BGD	Bangladesh
BGR	Bulgaria
BHR	Bahrain
BHS	Bahamas
BIH	Bosnia And Herzegowina
BLR	Belarus
BLZ	Belize
BMU	Bermuda
BOL	Bolivia
BRA	Brazil
BRB	Barbados
BRN	Brunei Darussalam
BTN	Bhutan
BVT	Bouvet Island
BWA	Botswana
CAF	Central African Republic
CAN	Canada
CCK	Cocos (Keeling) Islands
CHE	Switzerland
CHL	Chile
CHN	China
CIV	Cote D'ivoire
CMR	Cameroon
COD	Congo, The Democratic Republic Of The
COG	Congo
COK	Cook Islands
COL	Colombia
COM	Comoros
CPV	Cape Verde
CRI	Costa Rica
CUB	Cuba
CXR	Christmas Island

Country Abbreviation	Country Name
CYM	Cayman Islands
Country Abbreviation	Country Name
CYP	Cyprus
CZE	Czech Republic
DEU	Germany
DJI	Djibouti
DMA	Dominica
DNK	Denmark
DOM	Dominican Republic
DZA	Algeria
ECU	Ecuador
EGY	Egypt
ERI	Eritrea
ESH	Western Sahara
ESP	Spain
EST	Estonia
ETH	Ethiopia
FIN	Finland
FJI	Fiji
FLK	Falkland Islands (Malvinas)
FRA	France
FRO	Faroe Islands
FSM	Micronesia, Federated States Of
GAB	Gabon
GBR	United Kingdom
GEO	Georgia
GHA	Ghana
GIB	Gibraltar
GIN	Guinea
GLP	Guadeloupe
GMB	Gambia
GNB	Guinea-Bissau
GNQ	Equatorial Guinea
GRC	Greece
GRD	Grenada
GRL	Greenland
GTM	Guatemala
GUF	French Guiana
GUM	Guam
GUY	Guyana
HKG	Hong Kong
HMD	Heard And Mc Donald Islands
HND	Honduras
HRV	Croatia (Local Name: Hrvatska)
HTI	Haiti
HUN	Hungary
IDN	Indonesia
IND	India
IOT	British Indian Ocean Territory
IRL	Ireland
IRN	Iran (Islamic Republic Of)
IRQ	Iraq
ISL	Iceland
ISR	Israel
ITA	Italy
JAM	Jamaica
JOR	Jordan

JPN	Japan
Country Abbreviation	**Country Name**
KAZ	Kazakhstan
KEN	Kenya
KGZ	Kyrgyzstan
KHM	Cambodia
KIR	Kiribati
KNA	Saint Kitts And Nevis
KOR	Korea, Republic Of
KWT	Kuwait
LAO	Lao People's Democratic Republic
LBN	Lebanon
LBR	Liberia
LBY	Libyan Arab Jamahiriya
LCA	Saint Lucia
LIE	Liechtenstein
LKA	Sri Lanka
LSO	Lesotho
LTU	Lithuania
LUX	Luxembourg
LVA	Latvia
MAC	Macau
MAR	Morocco
MCO	Monaco
MDA	Moldova, Republic Of
MDG	Madagascar
MDV	Maldives
MEX	Mexico
MHL	Marshall Islands
MKD	Macedonia, The Former Yugoslav Republic Of
MLI	Mali
MLT	Malta
MMR	Myanmar
MNG	Mongolia
MNP	Northern Mariana Islands
MOZ	Mozambique
MRT	Mauritania
MSR	Montserrat
MTQ	Martinique
MUS	Mauritius
MWI	Malawi
MYS	Malaysia
MYT	Mayotte
NAM	Namibia
NCL	New Caledonia
NER	Niger
NFK	Norfolk Island
NGA	Nigeria
NIC	Nicaragua
NIU	Niue
NLD	Netherlands
NOR	Norway
NPL	Nepal
NRU	Nauru
NZL	New Zealand
OMN	Oman
PAK	Pakistan

PAN	Panama
Country Abbreviation	**Country Name**
PCN	Pitcairn
PER	Peru
PHL	Philippines
PLW	Palau
PNG	Papua New Guinea
POL	Poland
PRI	Puerto Rico
PRK	Korea, Democratic People's Republic Of
PRT	Portugal
PRY	Paraguay
PSE	Palestinian Territory, Occupied
PYF	French Polynesia
QAT	Qatar
REU	Reunion
ROM	Romania
RUS	Russian Federation
RWA	Rwanda
SAU	Saudi Arabia
SDN	Sudan
SEN	Senegal
SGP	Singapore
SGS	South Georgia And The South Sandwich Islands
SHN	St. Helena
SJM	Svalbard And Jan Mayen Islands
SLB	Solomon Islands
SLE	Sierra Leone
SLV	El Salvador
SMR	San Marino
SOM	Somalia
SPM	St. Pierre And Miquelon
STP	Sao Tome And Principe
SUR	Suriname
SVK	Slovakia (Slovak Republic)
SVN	Slovenia
SWE	Sweden
SWZ	Swaziland
SYC	Seychelles
SYR	Syrian Arab Republic
TCA	Turks And Caicos Islands
TCD	Chad
TGO	Togo
THA	Thailand
TJK	Tajikistan
TKL	Tokelau
TKM	Turkmenistan
TMP	East Timor
TON	Tonga
TTO	Trinidad And Tobago
TUN	Tunisia
TUR	Turkey
TUV	Tuvalu
TWN	Taiwan, Province Of China
TZA	Tanzania, United Republic Of
UGA	Uganda

Country Abbreviation	Country Name
UKR	Ukraine
Country Abbreviation	**Country Name**
UMI	United States Minor Outlying Islands
URY	Uruguay
USA	United States
UZB	Uzbekistan
VAT	Holy See (Vatican City State)
VCT	Saint Vincent And The Grenadines
VEN	Venezuela
VGB	Virgin Islands (British)
VIR	Virgin Islands (U.S.)
VNM	Viet Nam
VUT	Vanuatu
WLF	Wallis And Futuna Islands
WSM	Samoa
YEM	Yemen
YUG	Yugoslavia
ZAF	South Africa
ZMB	Zambia
ZWE	Zimbabwe