

**California Department of Justice**

**California Pawn & Secondhand Dealer System (CAPSS)**

**Data File Specification Document**

**Version 1.22**

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# Overview

## Purpose

The purpose of this document is to provide data file specification information for the XML data files to be used to submit multiple property transaction reports to the California Pawn and Secondhand Dealer System (CAPSS).

## Introduction

Pawnbrokers and Secondhand Dealers to submit multiple property transaction reports to CAPSS may use the XML data upload files. The changes are from the passage of CAPSS regulations Title 11, Division 1, Sections 999.500, 999.503, 999.504, 999.505, and 999.506 on October 11, 2019. These regulations go into effect on January 1, 2020. The list of elements for each data group (Seller or Pledger, Store, Item, and Images) is provided in this document with the description of the element, its data type and sample values. When applicable, validation rule and lookup values are also defined.

# XML File Format

## File Upload Process

User will upload an XML file containing one or more property transactions reports to the CAPSS system using an online interface. The CAPSS system will validate the file as a whole as well as each transaction and save the property transaction reports to the CAPSS database.

## File Format Rules

The following general rules will be applied to the property transaction report files to be uploaded to the CAPSS System:

* User will be able to submit a single XML file with one or more property transaction reports.
* Each property transaction report can contain multiple property transaction items.

o There is no limit to the number of items that can be included as part of a single property transaction report.

* File size cannot exceed 150 MB
* The maximum image size allowed is 75 KB per image. (Seller or Pledger Signature, Seller or Pledger Fingerprint, Employee Signature, Item Image)
* Images must be embedded into the XML file (base-64 encoded).
* Restrictions on values will be error checked and will be the same as the online JUS 123 form.

## Sample XSD & XML Files – See CAPSS AG Website:

<https://www.oag.ca.gov/secondhand/capss/resources>

# Bulk Import Data

## License

|  |  |  |  |
| --- | --- | --- | --- |
| **Element** | **Data Type** | **Format / Valid Values** | **Value** |
| bulkUploadData licenseNumber | String | licenseNumber = “numeric”'  e.g.  licenseNumber="01081001" | Mandatory  Valid Store License Number.  ‘licenseNumber=’ must precede the store license number. |

# Transaction Date Data

## Data Specification

|  |  |  |  |
| --- | --- | --- | --- |
| **Element** | **Data Type** | **Format / Valid Values** | **Value** |
| transactionTime | dateTime | yyyy-mm-dd Thh:mm:ss    (e.g. 2016-04-  01T18:27:00) | Mandatory    ISO 8601 Date Format    Date must be < or = to the current date and > than 7 days in the past. |

# Seller or Pledger Data

## Seller or Pledger Data Specification

|  |  |  |  |
| --- | --- | --- | --- |
| **Element** | **Data Type** | **Format / Valid Values** | **Value** |
| custLastName | String | on file | Mandatory |
| custFirstName | String | on file | Mandatory |
| custMiddleName | String | on file | Mandatory |
| gender | String | on file | Mandatory |
| race | String | on file | Mandatory |
| hairColor | String | on file | Mandatory |
| eyeColor | String | on file | Mandatory |
| height | String | on file | Mandatory |
| weight | String | on file | Mandatory |
| dateOfBirth | date | <dateOfBirth xsi:nil="true"/> | Mandatory  Set xsi:nil syntax to true |
| dateOfBirthText | String | on file | Mandatory |
| streetAddress | String | on file | Mandatory |
| city | String | on file | Mandatory |
| state | String | on file | Mandatory |
| postalCode | String | on file | Mandatory |
| phoneNumber | String | on file | Mandatory |
| nonUSAddress | String | on file | Mandatory |

## Seller or Pledger Identification Data

|  |  |  |  |
| --- | --- | --- | --- |
| **Element** | **Data Type** | **Format / Valid Values** | **Value** |
| type | String | on file | Mandatory |
| number | String | on file | Mandatory |
| dateOfIssue | String | Null value | Optional  If present, must be blank  <dateOfIssue></dateOfIssue> |
| dateOfIssueText | String | on file | Mandatory |
| issueState | String | on file | Mandatory |
| issueCountry | String | on file | Mandatory |
| yearOfExpiration | String | Null value | Optional  If present, must be blank  <yearOfExpiration></yearOfExpiration> |
| yearOfExpirationText | String | on file | Mandatory |

## Seller or Pledger Signature & Thumbprint

|  |  |  |  |
| --- | --- | --- | --- |
| Element | Data Type | Format / Valid Values | Value |
| noFinger | Boolean | <noFinger xsi:nil="true"/> | Mandatory  Set xsi:nil syntax to true |
| noFingerText | String | on file | Mandatory |
| signature | String | on file | Mandatory |
| fingerprint | String | on file | Mandatory |

# Store Data

## Data Specification

|  |  |  |  |
| --- | --- | --- | --- |
| **Element** | **Data Type** | **Format / Valid Values** | **Value** |
| employeeName | String | Free Form Text | Mandatory |
| signature | BASE64 ENCODED  JPEG | See 2.2 File Format Rules | Optional |

# Item Data

## Data Specification

|  |  |  |  |
| --- | --- | --- | --- |
| Element | Data Type | Format / Valid Values | Value |
| referenceId | String | Free Form Text | Optional    Unique number  provided by store |
| type | String | See acceptable values in Transaction Type Table (8.1) | Mandatory |
| loanBuyNumber | String | Free Form Text | Mandatory |
| amount | Integer | Nonnegative whole numbers, 2 digit decimal | Mandatory |
| article | String | See Article Table (CAPSS) on Attorney General WebSite  [https://oag.ca.gov/secondhand/capss/re sources](https://oag.ca.gov/secondhand/capss/resources) | Mandatory    Use Article Table list. If an article is not in the list, users may type in the full name of the article and submit. |
| brand | String | Free Form Text | Mandatory   1. If the brand name of the tangible personal property is not reasonably ascertainable then “**Unknown**” shall be entered in the “brand” field. 2. If the tangible personal property has no brand name then “**None**” shall be entered in the “brand” field. |
| model | String | Free Form Text | Mandatory  (1) If the model name or number of the tangible personal property is not |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  | reasonably ascertainable then “**Unknown**” shall be entered in the “model” field.  (2) If the tangible personal property has no model name or number then “**None**” shall be entered into the “model” field. |
| serialNumber | String | Free Form Text | Mandatory  (1) If the serial number of the tangible personal property is not reasonably ascertainable then “**Unknown**” shall be entered in the “serialNumber” field. (2) If the tangible personal property  has no serial number then “**None**” shall be entered into the  “serialNumber” field. |
| description | String | Free Form Text | Mandatory |
| inscription | String | Free Form Text | Mandatory  (1) If the personalized inscription of the tangible personal property is not reasonably ascertainable then |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  | “**Unknown**” shall be entered in the “inscription” field. (2) If the tangible personal property has no personalized inscription then “**None**” shall be entered into the  “inscription” field. |
| ownerAppliedNum  ber | String | Free Form Text | Mandatory   1. If the owner applied number of the tangible personal property is not reasonably ascertainable then “**Unknown**” shall be entered in the   “ownerAppliedNumbe r” field.     1. If the tangible personal property has no owner applied number then “**None**” shall be entered into the “ownerAppliedNum ber” field. |
| pattern | String | Free Form Text | Mandatory   1. If the   manufacturer’s pattern name of the tangible personal property is not reasonably ascertainable then “**Unknown**” shall be entered in the “pattern” field.   1. If the tangible personal property has no manufacturer’s pattern name then |
|  |  |  | “**None**” shall be entered in the  “pattern” field. |
| color | String | See acceptable values in Color Table (8.10) | Mandatory  If the color of the tangible personal property is not reasonably ascertainable then “**Other**” shall be entered in the “color” field. |
| material | String | See acceptable values in Material Table (8.11) | Mandatory  If the material of the tangible personal property is not reasonably ascertainable then “**Unknown**” shall be entered in the  “material” field. |
| itemSize | String | Free Form Text | Mandatory  If the size of the tangible personal property is not reasonably ascertainable then “**Unknown**” shall be entered in the  “itemSize” field. |
| sizeUnit | String | See acceptable values in Size Unit/Measurement Table (8.9) | Mandatory  If the size of the tangible personal property is not reasonably ascertainable then “**Unknown**” shall be entered in the “sizeUnit” field. |
| image (item) | BASE64  ENCOD  ED JPG | See 2.2 File Format Rules | Optional |

# Reference Tables for Look-Up Options

## Transaction Type

|  |  |
| --- | --- |
| **Acceptable Values** | **Description** |
| PAWN | Pawn |
| BUY | Buy |
| CONSIGN | Consign |
| TRADE | Trade |
| AUCTION | Auction |

## Size Unit/Measurement

|  |  |
| --- | --- |
| **Acceptable Values (Allow space)** | **Description** |
| CARAT(S) | CARAT(S) |
| CENTIMETER(S) | CENTIMETER(S) |
| FEET | FEET |
| GRAM(S) | GRAM(S) |
| INCHES | INCHES |
| KILOGRAM(S) | KILOGRAM(S) |
| METER(S) | METER(S) |
| MILLIGRAM(S) | MILLIGRAM(S) |
| MILLIMETER(S) | MILLIMETER(S) |
| OUNCE(S) | OUNCE(S) |
| POUND(S) | POUND(S) |
| SQUARE INCH(S) | SQUARE INCH(S) |
| TON(S) | TON(S) |
| YARD(S) | YARD(S) |
| OTHER | OTHER |
| UNKNOWN | UNKNOWN |

## Color

|  |  |
| --- | --- |
| **Acceptable Values (Allow space)** | **Description** |
| ALEXANDRITE | ALEXANDRITE |
| AMBER | AMBER |
| AMETHYST | AMETHYST |
| AMMOLITE | AMMOLITE |
| APRICOT | APRICOT |
| AQUA | AQUA |
| AQUAMARINE | AQUAMARINE |
| AUBURN | AUBURN |
| AZURE | AZURE |
| BEIGE | BEIGE |
| BLACK | BLACK |
| BLUE | BLUE |
| BRONZE | BRONZE |
| BROWN | BROWN |
| BURGUNDY | BURGUNDY |
| CHARCOAL | CHARCOAL |
| CHERRY BLOSSOM PINK | CHERRY BLOSSOM PINK |
| CHOCOLATE | CHOCOLATE |
| CITRINE | CITRINE |
| COBALT | COBALT |
| COPPER | COPPER |
| COPPER CREAM | COPPER CREAM |
| CORAL | CORAL |
| CREAM | CREAM |

|  |  |
| --- | --- |
| CRIMSON | CRIMSON |
| CRYSTAL | CRYSTAL |
| CUBIC ZIRCONIA | CUBIC ZIRCONIA |
| CYAN | CYAN |
| DANDELION | DANDELION |
| DARK BLUE | DARK BLUE |
| DENIM | DENIM |
| DIAMOND | DIAMOND |
| ECRU | ECRU |
| EMERALD | EMERALD |
| EMERALD GREEN | EMERALD GREEN |
| FOREST GREEN | FOREST GREEN |
| FUCHSIA | FUCHSIA |
| GARNET | GARNET |
| GOLD | GOLD |
| GRAY | GRAY |
| GREEN | GREEN |
| GREY | GREY |
| HAZEL | HAZEL |
| INDIGO | INDIGO |
| IVORY | IVORY |
| JADE | JADE |
| KHAKI | KHAKI |
| LAPIS LAZULI | LAPIS LAZULI |
| LAVENDER | LAVENDER |
| LEMON | LEMON |
| LILAC | LILAC |
| LIME GREEN | LIME GREEN |
| LOLITE | LOLITE |
| MAGENTA | MAGENTA |
| MAROON | MAROON |
| MAUVE | MAUVE |
| MINT GREEN | MINT GREEN |
| MOONSTONE | MOONSTONE |
| MOSS GREEN | MOSS GREEN |
| MULTI COLORED | MULTI COLORED |
| MUSTART | MUSTART |
| NAVY BLUE | NAVY BLUE |
| OLIVE | OLIVE |
| OPAL | OPAL |
| ORANGE | ORANGE |
| PEACH | PEACH |
| PEARL | PEARL |
| PINK | PINK |
| POWDER BLUE | POWDER BLUE |
| PRUSSIAN BLUE | PRUSSIAN BLUE |
| PUCE | PUCE |
| PURPLE | PURPLE |
| QUARTZ GREY | QUARTZ GREY |
| RED | RED |
| ROSE | ROSE |
| ROYAL BLUE | ROYAL BLUE |
| RUBY | RUBY |
| SALMON PINK | SALMON PINK |
| SANDY BROWN | SANDY BROWN |
| SAPPHIRE | SAPPHIRE |
| SCARLET | SCARLET |
| SHOCKING PINK | SHOCKING PINK |
| SILVER | SILVER |
| SKY BLUE | SKY BLUE |
| SPINEL | SPINEL |
| TAN | TAN |
| TANGERINE | TANGERINE |
| TANZANITE | TANZANITE |
| TOPAZ | TOPAZ |
| TOURMALINE | TOURMALINE |
| TURQUOISE | TURQUOISE |
| VIOLET | VIOLET |
| WHITE | WHITE |
| YELLOW | YELLOW |
| ZIRON | ZIRON |
| OTHER | OTHER |

## Material

|  |  |
| --- | --- |
| **Acceptable Values (Allow space)** | **Description** |
| ALLOY | ALLOY |
| ALUMINUM | ALUMINUM |
| ARTIFICIAL LEATHER | ARTIFICIAL LEATHER |
| ASBESTOS | ASBESTOS |
| BRASS | BRASS |
| BRONZE | BRONZE |
| CARBON FIBERS | CARBON FIBERS |

|  |  |
| --- | --- |
| CARDBOARD | CARDBOARD |
| CAST IRON | CAST IRON |
| CEMENT | CEMENT |
| CERAMIC | CERAMIC |
| CHROMIUM | CHROMIUM |
| CLAY | CLAY |
| COBALT | COBALT |
| CONCRETE | CONCRETE |
| COPPER | COPPER |
| CORK | CORK |
| COTTON | COTTON |
| DIAMOND | DIAMOND |
| ENAMEL | ENAMEL |
| FIBER | FIBER |
| FLINT | FLINT |
| FOAM | FOAM |
| FOIL | FOIL |
| GLASS | GLASS |
| GLASS FIBER | GLASS FIBER |
| GOLD | GOLD |
| GRANITE | GRANITE |
| IRON | IRON |
| LEAD | LEAD |
| LEATHER | LEATHER |
| LIMESTONE | LIMESTONE |
| LITHIUM | LITHIUM |
| MAGNESIUM | MAGNESIUM |
| METAL | METAL |
| NICKEL | NICKEL |
| NYLON | NYLON |
| PALLADIUM | PALLADIUM |
| PAPER | PAPER |
| PLASTER | PLASTER |
| PLASTIC | PLASTIC |
| PLATINUM | PLATINUM |
| PLYWOOD | PLYWOOD |
| POLY(METHYL METHACRYLATE) | POLY(METHYL METHACRYLATE) |
| POLYCARBONATE | POLYCARBONATE |
| POLYURETHANE | POLYURETHANE |
| POLYVINYL CHLORIDE | POLYVINYL CHLORIDE |
| PORCELAIN | PORCELAIN |
| QUARTZ | QUARTZ |
| RARE EARTH METALS | RARE EARTH METALS |
| RESIN | RESIN |
| ROSE GOLD | ROSE GOLD |
| SEAL | SEAL |
| SILICON | SILICON |
| SILK | SILK |
| SILVER | SILVER |
| SOIL | SOIL |
| STAINLESS STEEL | STAINLESS STEEL |
| STEEL | STEEL |
| STONE | STONE |
| TEXTILES | TEXTILES |
| TILE | TILE |
| TIN | TIN |
| TITANIUM | TITANIUM |
| TUNGSTEN | TUNGSTEN |
| VINYL | VINYL |
| WHITE GOLD | WHITE GOLD |
| WIRE | WIRE |
| WOOD | WOOD |
| YELLOW GOLD | YELLOW GOLD |
| ZINC | ZINC |
| OTHER | OTHER |
| UNKNOWN | UNKNOWN |