

3.1 Description of the File List

This section describes the File List and the relationship of upper and lower level of each file.

3.1.1 File List

See Appendix 3.1.

Also, see "3.4 Others".

3.1.2 Relationship of upper and lower level of each file

Each master consists of one or more files.

See Attachment 3.2 for the relationship between upper and lower level of the files.

3.2 Data Items

This section describes File Specifications.

3.2.1 Description of each item of the files

Number	Item name (logical name)	Item name (physical name)	Primary key	Logical data type		Code INDEX	Remarks
				Type	Digit number		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

- (1) Describe serial number given for each item
- (2) Describe name of item with logical name
- (3) Describe name of item with physical name
- (4) Describe “✓” when an item is assigned as primary key
- (5) Describe logical data type of item. For example, describe “Japanese”, “Alphanumeric characters”, “Integer”, “Real number”, “Date”, “Binary” etc.
- (6) Describe digit number of item. Describe the value on display instead of the internal storage size.
- (7) Describe “Code INDEX” of Code Table corresponding to each item.
- (8) Describe remarks, if any.

3.2.2 File Specifications

See Appendix 3.3.

3.2.3 Publicly Known Design Image File

Directory structure, file specification, and provision timing of the Publicly Known Design Image Files are described below.

- (1) Updated data of images of design publication materials
(Licensed_Subject_Design_Image)

【Directory structure】

「LSDI_YYYYMMDD.tar.gz」
⇒ 「LSDI_YYYYMMDD.tar」
⇒ 「LSDI_YYYYMMDD」
⇒ 「design」
⇒ 「pubimage」
⇒ 「contents」
⇒ 「dataNNNN」 、 「main.ctg」
⇒ 「XXXXXXXXXXXX_NNNN.jpg」 、 「NNNN.ctg」

※jpg file is an image file of each Publicly Known Design Image File.

※ctg file is a catalogue file.

※YYYYMMDD is an updated date.

※NNNN is a serial number used for the directory.

※XXXXXXXXXXXX is a number assigned for the Publicly Known Design.

※ 「dataNNNN」 directory stores ctg files and jpg files (1,000 at maximum) .

【File specification】

main.ctg (catalogue file of Publicly Known Design Image (Update : whole))

Fixed length : 42 byte

Item No.	Item name	Attribute	Area length	Remarks
1	Record length	C	3	"042"
2	Country code	C	2	"JP" : Japan
3	Four industrial property rights-related codes	C	1	"D" : Design
4	Application number	C	10	"0000000000"
5	Publicly known design number			
	Material classification	C	2	"HA" "RA" : Domestic magazine "HB" "RA" : Foreign magazine "HC" "RC" : Domestic catalogue "HD" "RD" : Foreign catalogue "HJ" "RJ" : Internet catalogue "HN" "RN" : New product catalogue
	Japanese calendar year	C	2	Zero-prefixed 2 digits
	Serial number	C	6	Zero-prefixed 6 digits
	Branch number	C	2	Zero-prefixed 2 digits
6	Drawing number	C	4	Zero-prefixed 4 digits
7	Data-created date	C	8	YYYYMMDD
8	Record delimiter	C	2	CR LF

NNNN.ctg (catalogue file of image of design publication materials

(Update : each directory))

Fixed length : 42 byte

Item No.	Item name	Attribute	Area length	Remarks
1	Record length	C	3	"042"
2	Country code	C	2	"JP" : Japan
3	Four industrial property rights-related codes	C	1	"D" : Design
4	Application number	C	10	"0000000000"
5	Publicly known design number			
	Material classification	C	2	"HA" "RA" : Domestic magazine "HB" "RA" : Foreign magazine "HC" "RC" : Domestic catalogue "HD" "RD" : Foreign catalogue "HJ" "RJ" : Internet catalogue "HN" "RN" : New product catalogue
	Japanese calendar year	C	2	Zero-prefixed 2 digits
	Serial number	C	6	Zero-prefixed 6 digits
	Branch number	C	2	Zero-prefixed 2 digits
6	Drawing number	C	4	Zero-prefixed 4 digits
7	Data-created date	C	8	YYYYMMDD
8	Record delimiter	C	2	CR LF

【Provision timing】

When the updated data of image of design publication materials was issued (anytime).

(2) Deleted data of image of design publication materials (Licensed_Subject_Design_Image)

【Directory structure】

「LSDI_YYYYMMDD.tar.gz」
 ⇒ 「LSDI_YYYYMMDD.tar」
 ⇒ 「LSDI_YYYYMMDD」
 ⇒ 「design」
 ⇒ 「pubimage」
 ⇒ 「contents_del」
 ⇒ 「main.ctg」

※YYYYMMDD is an updated date.

【File specification】

main.ctg (catalogue file of images of design publication materials (deletion))

Fixed length : 42 byte

Item No.	Item name	Attribute	Area length	Remarks
1	Record length	C	3	"042"
2	Country code	C	2	"JP" : Japan
3	Four industrial property rights-related codes	C	1	"D" : Design
4	Application number	C	10	"0000000000"
5	Publicly known design number			
	Material classification	C	2	"HA" "RA" : Domestic magazine "HB" "RA" : Foreign magazine "HC" "RC" : Domestic catalogue "HD" "RD" : Foreign catalogue "HJ" "RJ" : Internet catalogue "HN" "RN" : New product catalogue
	Japanese calendar year	C	2	Zero-prefixed 2 digits
	Serial number	C	6	Zero-prefixed 6 digits
	Branch number	C	2	Zero-prefixed 2 digits

6	Drawing number	C	4	Zero-prefixed 4 digits
7	Data-created date	C	8	YYYYMMDD
8	Record delimiter	C	2	CR LF

【Provision timing】

When the updated data of image of design publication materials was issued (anytime).

(3) Consent flag information out of design publication material master (Consent_info)

【Directory structure】

「CSI_YYYYMMDD.tar.gz」

⇒ 「CSI_YYYYMMDD.tar」

⇒ 「CSI_YYYYMMDD」

⇒ 「consent-info.tsv」

【File specification】

consent-info.tsv (the file on consent flag information out of design publication materials)

Item No.	Provided item name (Logical name)	Provided item name (Physical name)	Logic data type		Remarks
			Attribute	No. of digits	
1	Publicly known design number	KNOWN_DATA_NUMBER	C	12	1
2	Disclosure consent flag	UNEXAMINED_PUBLICATION_CONSENT_FLAG	C	1	2
3	Sales consent flag	SALE_CONSENT_FLAG	C	1	3

【Provision cycle】

When updated data or deleted data (either anytime) is provided.

3.3 Update Method

There are “Updated Data File” and “Deleted Data File”. Specifications of these two files are below.

3.3.1 Updated Data File

Updated Data File is an output of updated record for each file. Its file format is TSV format in which item name (physical name) is a header row. For items in each file, see to “3.2.2 File Specifications.”

A sample of TSV file to be provided is shown below.

law_cd	app_num	opp_num	oi_delete_flg	oici_delete_flg	oici_opp_dt	oiop_delete_flg	oiop_opp_decision_content
1	2025000001	1	0	0	20251109	0	0
1	2025000010	1	0	0	20251109	0	0
2	2025000011	1	0	0	20251109	0	0
2	2026000020	1	0	0	20251109	0	0
2	2026000022	1	0	0	20251109	0	0

TSV file image of Updated Data File

3.3.2 Deleted Data File

Deleted Data File is an output of information which is regarded as being canceled in JPO. Key information of output and deletion flag are provided in Deleted Data File. Its file format is TSV format in which item name (physical name) is a header row. For items in each file, see to “3.2.2 File Specifications.”

A sample of TSV file to be provided is shown below.

law_cd	app_num	opp_num	oi_delete_flg	oici_delete_flg	oici_opp_dt	oiop_delete_flg	oiop_opp_decision_content
1	2025000001	1	Y	Y			
1	2025000010	1	Y	Y			
2	2025000011	1	Y	Y			
2	2026000020	1	Y	Y			
2	2026000022	1	Y	Y			

TSV file image of Deleted Data File

3.3.3 Remarks to be noted on Updated and Deleted Data Files

3.3.3.1 Updated Data File

Updated Data File is provided on a daily and weekly basis. However, when data on the same application is updated within a week in the weekly data, the latest data is provided.

3.3.3.2 Deleted Data File

Deleted Data File is provided on a daily and weekly basis. However, when data on an application is canceled and then data on the same application is also updated, both Updated Data File and Deleted Data File of the application are provided. Therefore, it is necessary to reflect the Updated Data File after the Deleted Data File is reflected in order to update information of the same application.

3.3.3.3 Update and deletion

1. Bulk data type

Bulk data contains “Updated Data” which notifies an updated information on each master and “Cancelled Data” which is used for cancelling the disclosed information by each case.

2. Contents of each bulk data

(1) Updated Data

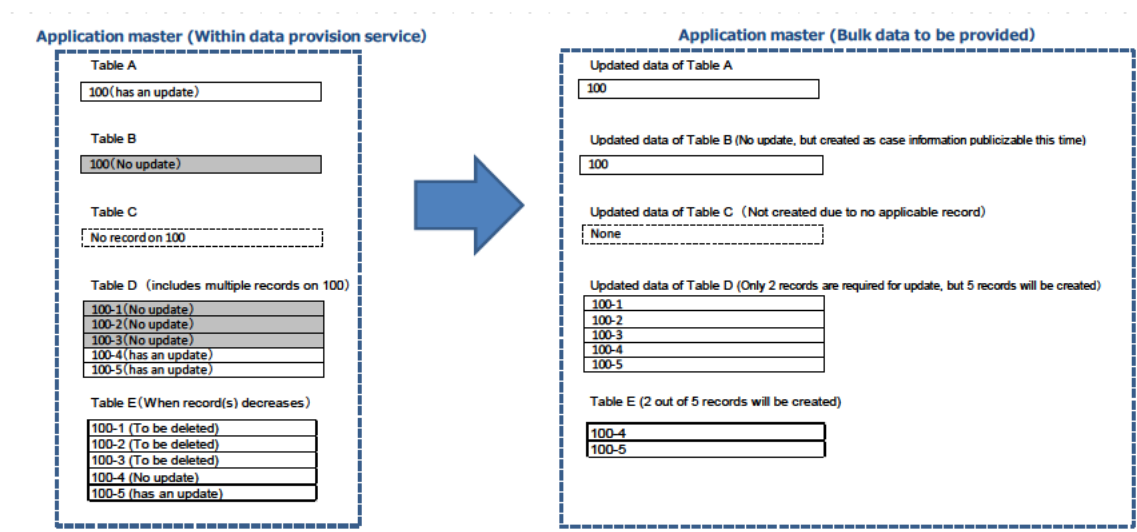
Updated Data sends all the table information linked to a case once it became publicizable.

Bulk data includes a series of the latest information of that day.

Taking the mentioned above into consideration, once the user received the updated information, he/she needs to replace with it after deleting the records identified with a case-identifying key.

With regard to deletion, the user requires to delete the corresponding records related to the upper level table and the lower level table also as shown in the deleted data mentioned below.

<ex. In the case of update of a case with application number 100 on an application master>



(2) Cancelled Data

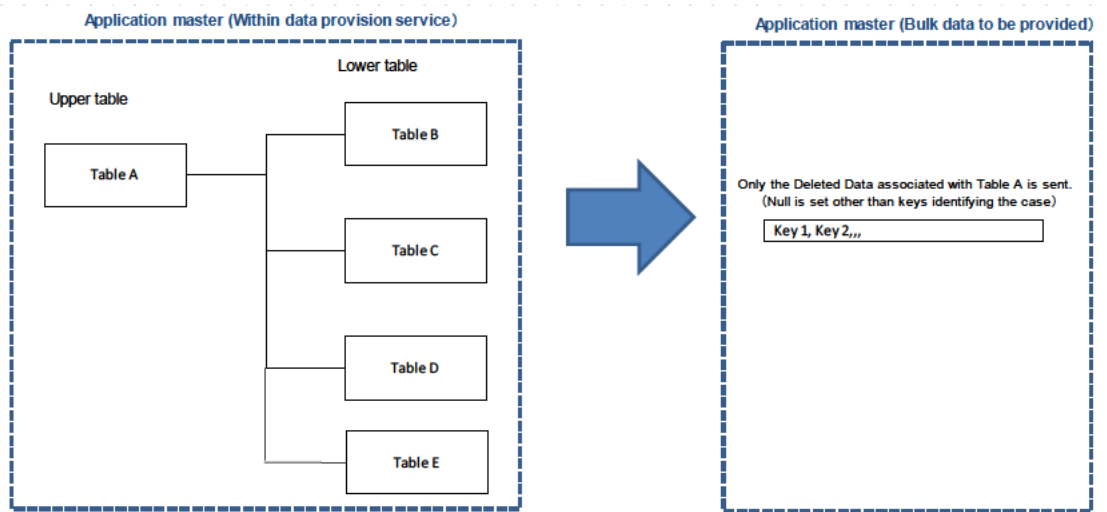
Cancelled data is sent when cancelling the provided information.

On the other hand, the relationship between upper and lower level of the files is defined among the tables of each master (*1). Only the deleted data of upper table is included in Bulk Data (*2).

Taking the relationship between upper and lower level of the files into consideration, once the user received the deleted data of upper table, he/she needs to do a deletion for the lower table.

*1) For details of the relationship between upper and lower level of the files, refer to "Annex 3.2".

*2) With regard to the deleted data, null is set other than the "case-identifying key" item.



3.4 Others

3.4.1 Differentiation between “New Application” and “Old Application”

JPO started a paperless system in July 1984. JPO also started reception of electronic application while continued reception of previous paper application in patent and utility model in July 1993. From that time, digitizing system of formality examination has been started.

In relation to the system revision above, we call an application whose document is digitized as “New Application.” We also call an application whose document is not digitized and has only the master information as “Old Application.”

Applicant information for New Application is included in the Applicant registration information file (appl_reg_info) and applicant information for Old Application is included in the ABC information file (abc_cd_info).

New Application and Old Application can be distinguished by application number (i.e. year and number) and categories of four law. Also there can be files that are separated, depending on New Application and Old Application.

The scopes of New Application and Old Application are described in table below. For the files that are stored differently between New Application and Old Application, see “3.2.2 File Specifications.”

Scopes of New Application and Old Application

Legal Area	Application year	Application Category	Type of Application	Application number
Patent	Before 1989	Domestic Application	Old Application	000001~499999
		PCT		500001~599999
		Patent Term Extension		700001~799999
	1990	Domestic Application	Old Application	000001~399999
			New Application	400001~499999
		PCT	Old Application	500001~599999
		Patent Term Extension		700001~799999
	1991 to 1999	Domestic Application	New Application	000001~499999
		PCT	Old Application	500001~599999
		Patent Term Extension		700001~799999
	After 2000	Domestic Application	New Application	000001~499999
		PCT		500001~599999
		Patent Term Extension	Old Application	700001~799999
Utility Model	Before 1989	Domestic Application	Old Application	000001~499999
		PCT		600001~699999
	1990	Domestic Application	Old Application	000001~399999
			New Application	400001~499999
		PCT	Old Application	600001~699999
	1991 to 1999	Domestic Application	New Application	000001~499999
		PCT	Old Application	600001~699999
	After 2000	Domestic Application	New Application	000001~499999
		PCT		600001~699999
	Design	Before 1996	Domestic Application	Old Application ^{(*)1}
1997		((before operation)		000001~050000
1998 to 1999		Old Application ^{(*)1}		050001~999999
After 2000		(after operation)		All
Trademark	Before 1996	Domestic Application	Old Application ^{(*)2}	All
	1997		(before harmonization)	000001~100000
			Old Application ^{(*)2}	100001~699999
			(after harmonization)	
			Old Application (update)	700001~750000
			Old Application (Defensive mark update)	750001~799999
	1998 to 1999		Old Application ^{(*)2}	000001~
			(after harmonization)	
			Old Application (reclassification)	500001~
			Old Application(Defensive mark)	700001~
	After 2000		New Application	All

*1: In "after operation", applicant data in old application is used same as the new application.

*2: In "after harmonization", applicant data in old application is used same as the new application.