

Update Id Window 0

Update Id

Page 1 of 1

ID Definition

User ID:

Office Code:

Office Name:

Password:

Re-confirm Password:

Role Definition

Role:

Organization Code:

Office Type: Head Office Regional Office Service Office

Manager Indication: Manager User

Menu Code:

FRM-41042 Cannot add new invalid ID.
Count: 0

Figure 1.7.1.8-7: Window Design for ID Management Update (Update Window)

Update Id: Window 0

09 DEC 06
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ID Definition

User ID:

Office Code:

Office Name:

Password:

Re-confirm Password:

Role Definition

Role:

Organization Code:

Office Type: Head Office Regional Office Service Office

Manager Indication: Manager User

Menu Code:

FRM-41045: Cannot find item: invalid ID.
Count: 0

Figure 1.7.1.8-7: Window Design for ID Management Update (Update Window)

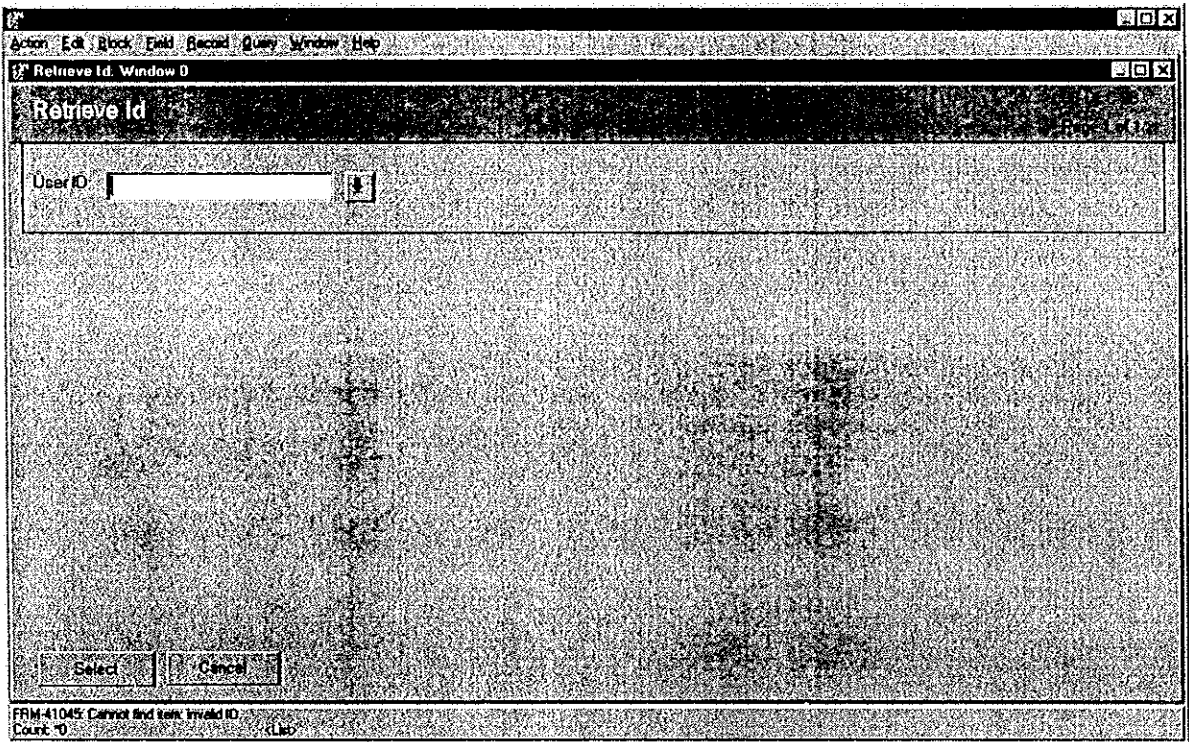


Figure 1.7.1.8-8: Window Design for ID Management Deletion (Retrieval Window)

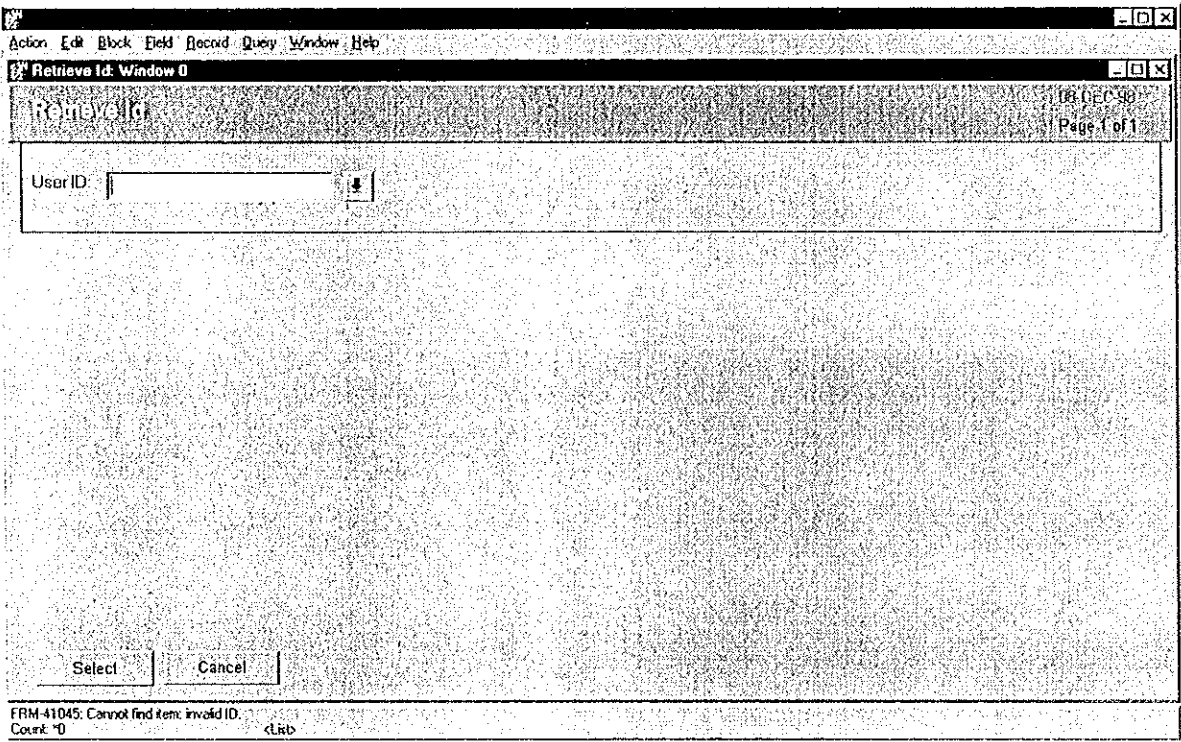


Figure 1.7.1.8-8: Window Design for ID Management Deletion (Retrieval Window)

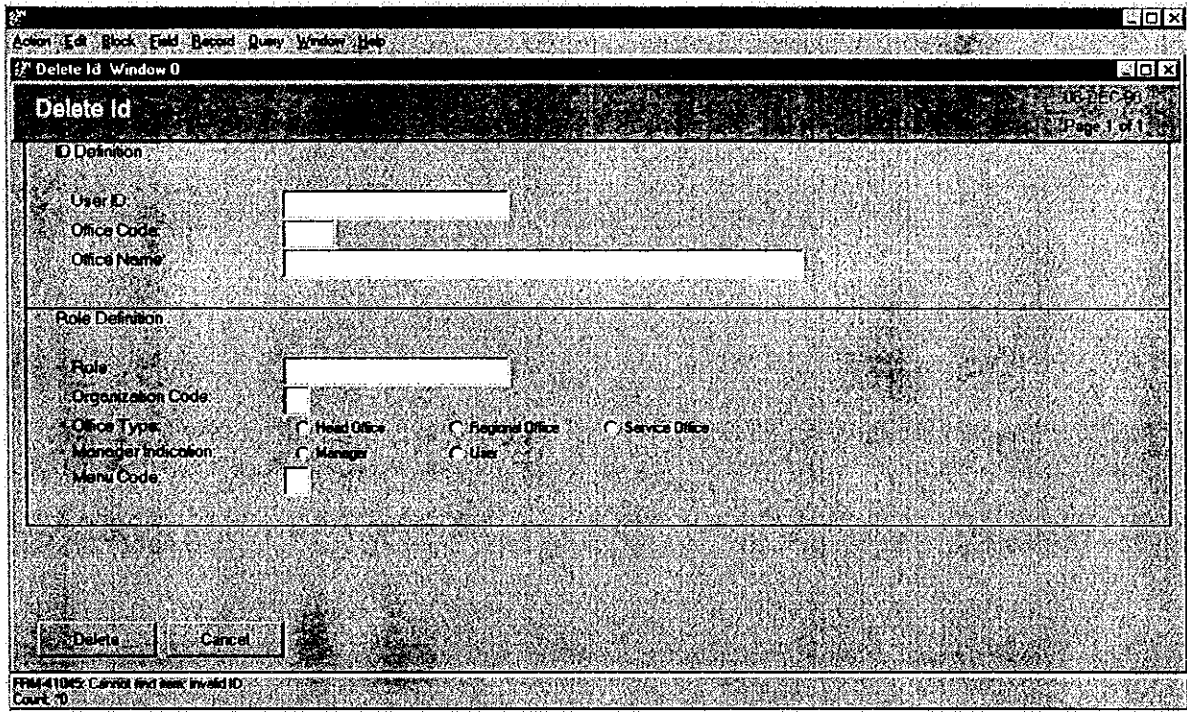


Figure 1.7.1.8-9: Window Design for ID Management Deletion (Deletion Window)

Action Edit Block Field Record Query Window Help

Delete Id: Window 0

Delete Id

10:10:00 AM
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ID Definition

User ID:

Office Code:

Office Name:

Role Definition

Role:

Organization Code:

Office Type: Head Office Regional Office Service Office

Manager Indication: Manager User

Menu Code:

Delete Cancel

FRM-41045: Cannot find item: invalid ID.
Count: 0

Figure 1.7.1.8-9: Window Design for ID Management Deletion (Deletion Window)

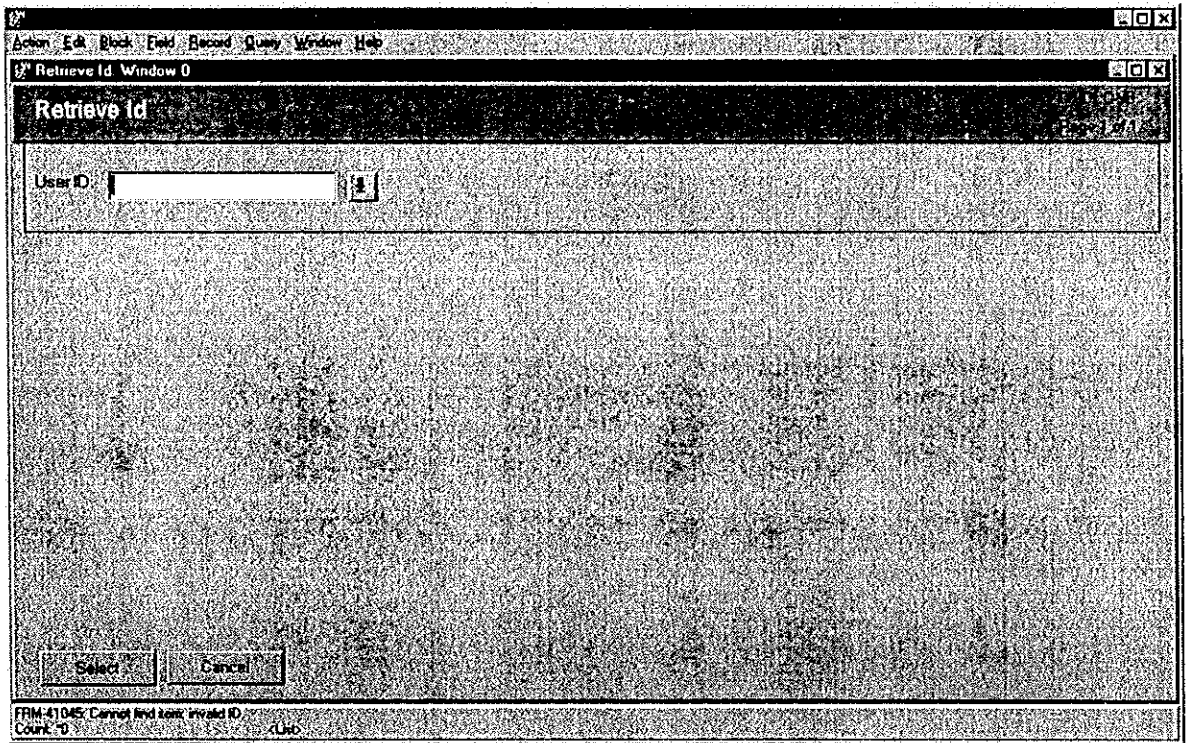


Figure 1.7.1.8-10: Window Design for ID Management Retrieval (Retrieval Window)

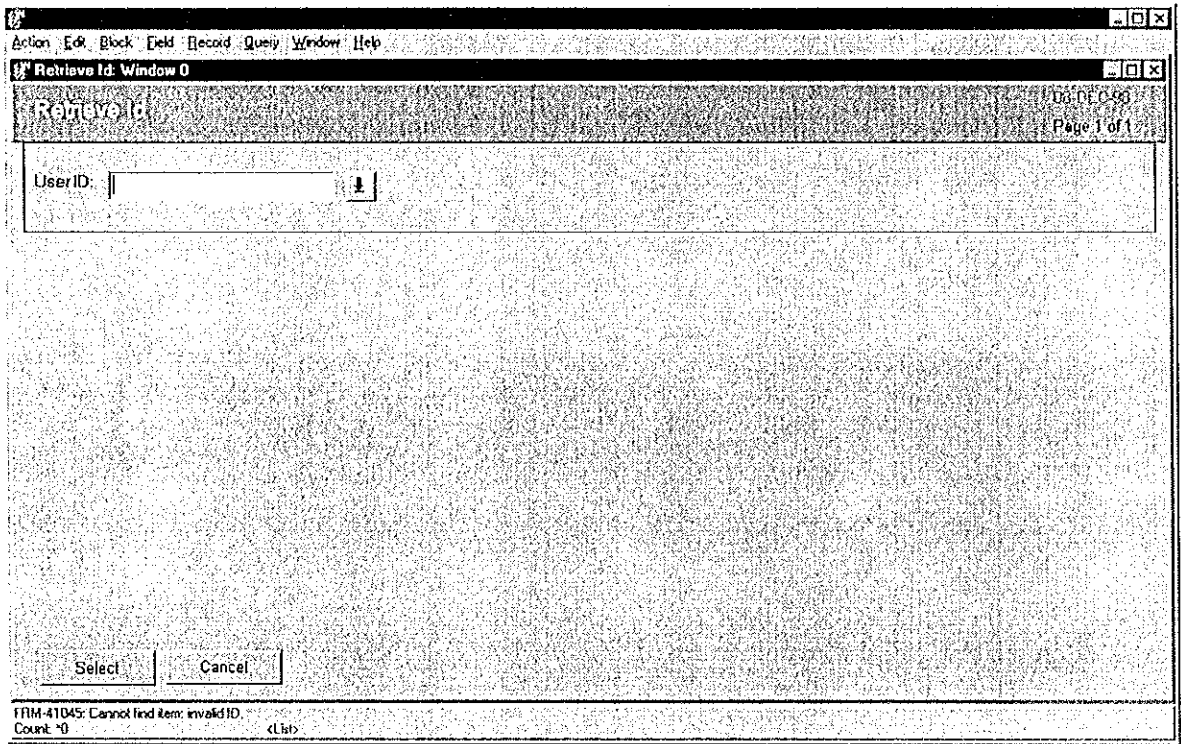


Figure 1.7.1.8-10: Window Design for ID Management Retrieval (Retrieval Window)

Action Edit Block Field Record Query Window Help
 Retrieve Id Result Window 0

Retrieve Id Result

Page 2 of 1

ID Definition

User ID:
 Office Code:
 Office Name:

Role Definition

Role:
 Organization Code:
 Office Type: Head Office Regional Office Service Office
 Manager Indication: Manager User
 Menu Code:

FRM-40302: Cannot enter a query. No fields are queryable.
 Count: 0

Figure 1.7.1.8-11: Window Design for ID Management Retrieval (Retrieval Result Window)

Action: Edit Block Field Record Query Window Help

Retrieve Id Result: Window 0

12-DEC-03
Page 1 of 1

Retrieve Id Result

ID Definition

User ID:

Office Code:

Office Name:

Role Definition

Role:

Organization Code:

Office Type: Head Office Regional Office Service Office

Manager Indication: Manager User

Menu Code:

Select Cancel

FRM-40302: Cannot enter a query. No fields are queryable.
Count: 0

Figure 1.7.1.8-11: Window Design for ID Management Retrieval (Retrieval Result Window)

Table 1.7.1.8-7: List of Items (ID Management: Registration Window)

No.	Item Name	Level			Description	Item in File	Note
		1	2	3			
1	User ID <i>Identitas Pengguna</i>	✓			CIS user ID (Input, mandatory)	USERID.DBA0USE	30 char, alpha- numeric
2	Password <i>Kata Kunci</i>	✓			CIS user password (Input, mandatory)	PASSWORD. DBA0USE	30 char, alpha- numeric
3	Office Code <i>Kode Kantor</i>	✓			DJBC office code (Input, mandatory)	DJBCOFFICE CODE.DBA0USE	6 char, alpha- numeric
4	Office Name <i>Nama Kantor</i>		✓		DJBC office name (Output)	NAME. DJBCOFFICE	70 char, alpha- numeric
5	Role <i>Kelompok Hak Akses</i>	✓			CIS role (Input, mandatory)	ROLE.DBA0ROL	30 char, alpha- numeric
6	Organiza- tion Code <i>Kode Organisasi</i>		✓		DJBC organization code (Output)	ORGANIZATION CODE.DBA0ROL	2 char, alpha- numeric
7	Office Type <i>Tipe Kantor</i>		✓		DJBC office type: <ul style="list-style-type: none"> • Head Office • Regional Office • Service Office (Output)	OFFICE TYPE.DBA0ROL	1 char, alpha- numeric
8	Manager Indication <i>Indikasi Manager</i>		✓		Manager indication of user: <ul style="list-style-type: none"> • Manager • User (Output)	MANAGER INDICATION. DBA0ROL	1 char, alpha- numeric
9	Menu Code <i>Kelompok Menu</i>		✓		Menu group code (Output)	MENU CODE.DBA0ROL	1 char, alpha- numeric

Table 1.7.1.8-8: List of Items (ID Management: Update Window)

No.	Item Name	Level			Description	Item in File	Note
		1	2	3			
1	User ID <i>Identitas Pengguna</i>	✓			CIS user ID (Output)	USERID.DBA0USE	30 char, alpha- numeric
2	Password <i>Kata Kunci</i>	✓			CIS user password (update, mandatory)	PASSWORD. DBA0USE	30 char, alpha- numeric
3	Re-confirm Password <i>Konfirmasi Kata Kunci</i>	✓			Password confirmation (input, mandatory if password field has been filled)	—	30 char, alpha- numeric
4	Office Code <i>Kode Kantor</i>	✓			DJBC office code (update, mandatory)	DJBCOFFICE CODE.DBA0USE	6 char, alpha- numeric
5	Office Name <i>Nama Kantor</i>		✓		DJBC office name (Output)	NAME. DJBCOFFICE	70 char, alpha- numeric
6	Role <i>Kelompok Hak Akses</i>	✓			CIS role (update, mandatory)	ROLE.DBA0ROL	30 char, alpha- numeric
7	Organiza- tion Code <i>Kode Organisasi</i>		✓		DJBC organization code (Output)	ORGANIZATION CODE.DBA0ROL	2 char, alpha- numeric
8	Office Type <i>Tipe Kantor</i>		✓		DJBC office type: <ul style="list-style-type: none"> • Head Office • Regional Office • Service Office (Output)	OFFICE TYPE.DBA0ROL	1 char, alpha- numeric
9	Manager Indication <i>Indikasi Manager</i>		✓		Manager indication of user: <ul style="list-style-type: none"> • Manager • User (Output)	MANAGER INDICATION. DBA0ROL	1 char, alpha- numeric
10	Menu Code <i>Kode Kelompok Menu</i>		✓		Menu group code (Output)	MENU CODE.DBA0ROL	1 char, alpha- numeric

Table 1.7.1.8-9: List of Items (ID Management: Delete Window)

No.	Item Name	Level			Description	Item in File	Note
		1	2	3			
1	User ID <i>Identitas Pengguna</i>	✓			CIS user ID (Output)	USERID.DBA0USE	30 char, alpha- numeric
2	Office Code <i>Kode Kantor</i>	✓			DJBC office code (Output)	DJBCOFFICE CODE.DBA0USE	6 char, alpha- numeric
3	Office Name <i>Nama Kantor</i>		✓		DJBC office name (Output)	NAME. DJBCOFFICE	70 char, alpha- numeric
4	Role <i>Kelompok Hak Akses</i>	✓			CIS role (Output)	ROLE.DBA0ROL	30 char, alpha- numeric
5	Organization Code <i>Kode Organisasi</i>		✓		DJBC organization code (Output)	ORGANIZATION CODE.DBA0ROL	2 char, alpha- numeric
6	Office Type <i>Tipe Kantor</i>		✓		DJBC office type: <ul style="list-style-type: none"> • Head Office • Regional Office • Service Office (Output)	OFFICE TYPE. DBA0ROL	1 char, alpha- numeric
7	Manager Indication <i>Indikasi Manager</i>		✓		Manager indication of user: <ul style="list-style-type: none"> • Manager • User (Output)	MANAGER INDICATION. DBA0ROL	1 char, alpha- numeric
8	Menu Code <i>Kode Kelompok Menu</i>		✓		Menu group code (Output)	MENU CODE.DBA0ROL	1 char, alpha- numeric

Table 1.7.1.8-10: List of Items (ID Management: Retrieval Window)

No.	Item Name	Level			Description	Item in File	Note
		1	2	3			
1	User ID <i>Identitas Pengguna</i>	✓			CIS User ID (Input, Mandatory)	USERID.DBA0USE	30 char, alpha- numeric

Table 1.7.1.8-11: List of Items (ID Management: Retrieval Result Window)

No.	Item Name	Level			Description	Item in File	Note
		1	2	3			
1	User ID <i>Identitas Pengguna</i>	✓			CIS user ID (Output)	USERID.DBA0USE	30 char, alpha- numeric
2	Office Code <i>Kode Kantor</i>	✓			DJBC office code (Output)	DJBCOFFICE CODE.DBA0USE	6 char, alpha- numeric
3	Office Name <i>Nama Kantor</i>		✓		DJBC office name (Output)	NAME. DJBCOFFICE	70 char, alpha- numeric
4	Role <i>Kelompok Hak Akses</i>	✓			CIS role (Output)	ROLE.DBA0ROL	30 char, alpha- numeric
5	Organization Code <i>Kode Organisasi</i>		✓		DJBC organization code (Output)	ORGANIZATION CODE.DBA0ROL	2 char, alpha- numeric
6	Office Type <i>Tipe Kantor</i>		✓		DJBC office type: <ul style="list-style-type: none"> • Head Office • Regional Office • Service Office (Output)	OFFICE TYPE.DBA0ROL	1 char, alpha- numeric
7	Manager Indication <i>Indikasi Manager</i>		✓		Manager indication of user: <ul style="list-style-type: none"> • Manager • User (Output)	MANAGER INDICATION. DBA0ROL	1 char, alpha- numeric
8	Menu Code <i>Kode Kelompok Menu</i>		✓		Menu group code (Output)	MENU CODE.DBA0ROL	1 char, alpha- numeric

Table 1.7.1.8-12: Input Check List (ID Management: Registration Window)

No.	Item Name	Condition (range, format, and so on)	Message ID	Note
1	User ID	Must fulfill the user ID. The configuration in Table 1.6.1-1.	E0000008	---
2	Password	Can be more than 6 digits but not less. Must different from ID Number. Must include numerics and letters.	E0000009	---
3	Office Code	Must select from List. Selection in this item will trigger action to filter Role reference based on the same Office Type.	E0000008	---
4	Role	Must select from List.	E0000008	---

Table 1.7.1.8-13: Input Check List (ID Management: Retrieval Window)

No.	Item Name	Condition (range, format, and so on)	Message ID	Note
1	User ID	Must select from List.	E0000008	—

Table 1.7.1.8-14: Input Check List (ID Management: Update Window)

No.	Item Name	Condition (range, format, and so on)	Message ID	Note
1	Password	Can be more than 6 digits but not less. Must different from ID Number. Must include numerics and letters.	E0000009	—
2	Re-confirm Password	Must be same with Password.	E0000009	—
3	Office Code	Select from List. Selection in this item will trigger action to filter Role reference based on the same Office Type.	E0000008	—
4	Role	Select from List.	E0000008	—

1.7.2 Connection with CFRS

1.7.2.1 Design policy and circumstances

CIS uses the CFRS data, such as PIB, PIBT and PEB and stores them as the CIS database to create the past record of importer, exporter, and Customs broker. These data will be used by CFRS to control customs clearance in turn. In current situation, the data are manually delivered to each Service Offices. The JICA Study Team has designed the exchanging data processes between CIS and CFRS in order for the two systems to operate more rapidly, more precisely and automatically.

There are two methods of connection between CIS and CFRS: on-line connection and off-line connection. In the case of WAN-connected CFRS servers, the data exchange with CIS can be done automatically or manually by using the online connection. In the case of the isolated CFRS servers, the exchange will use magnetic media, therefore, CIS and CFRS operators have to handle a part of these data exchange processes manually. In CIS, these processes can be automatically controlled as the daily or monthly batch process by the defined schedule in advance.

1) Categorization of exchanging data

The JICA Study Team has investigated and categorized the exchanging data between CIS and CFRS as follows:

- To CFRS (CIS Export File)
 - Past Record and Blocked Importer
This information consists of violation information by company (importer, exporter, customs broker and so on)
 - NHI
NHI is issued by Head Office (P2 Directorate).
 - Basic Information
This information consists of regularly-updated company basic information or new company profile.

- From CFRS (CFRS Export File)
 - PIB/PIBT/PEB
This information consists of PIB, PIBT, PEB and other data that will be used by CIS and CFRS at Head Office.

- NPWP files.

This information consists of new or updated importer and exporter profile which is registered at Service Office.

- Currency Exchange Rate Table.

This information consists of daily currency exchange rate which will be used by CIS to calculate “CIF Value in USD.”

Table 1.7.2.1-1 shows list of exchanging data between CIS and CFRS.

Table 1.7.2.1-1: List of exchanging data

Data name in CIS	Direction	Data name in CFRS
BASIC INFORMATION	→ ←	NPWP Files
Past Record and Blocked Importer	→	Past Record and Blocked Importer
NHI	→	NHI
PIB/PIBT/PEB	←	PIB/PIBT/PEB
Currency Exchange rate table	←	Currency exchange rate table

2) Mechanism of exchanging data

The JICA Study Team has investigated and designed the data exchange mechanism. Figure 1.7.2.1-1 shows the method of the exchange mechanism.

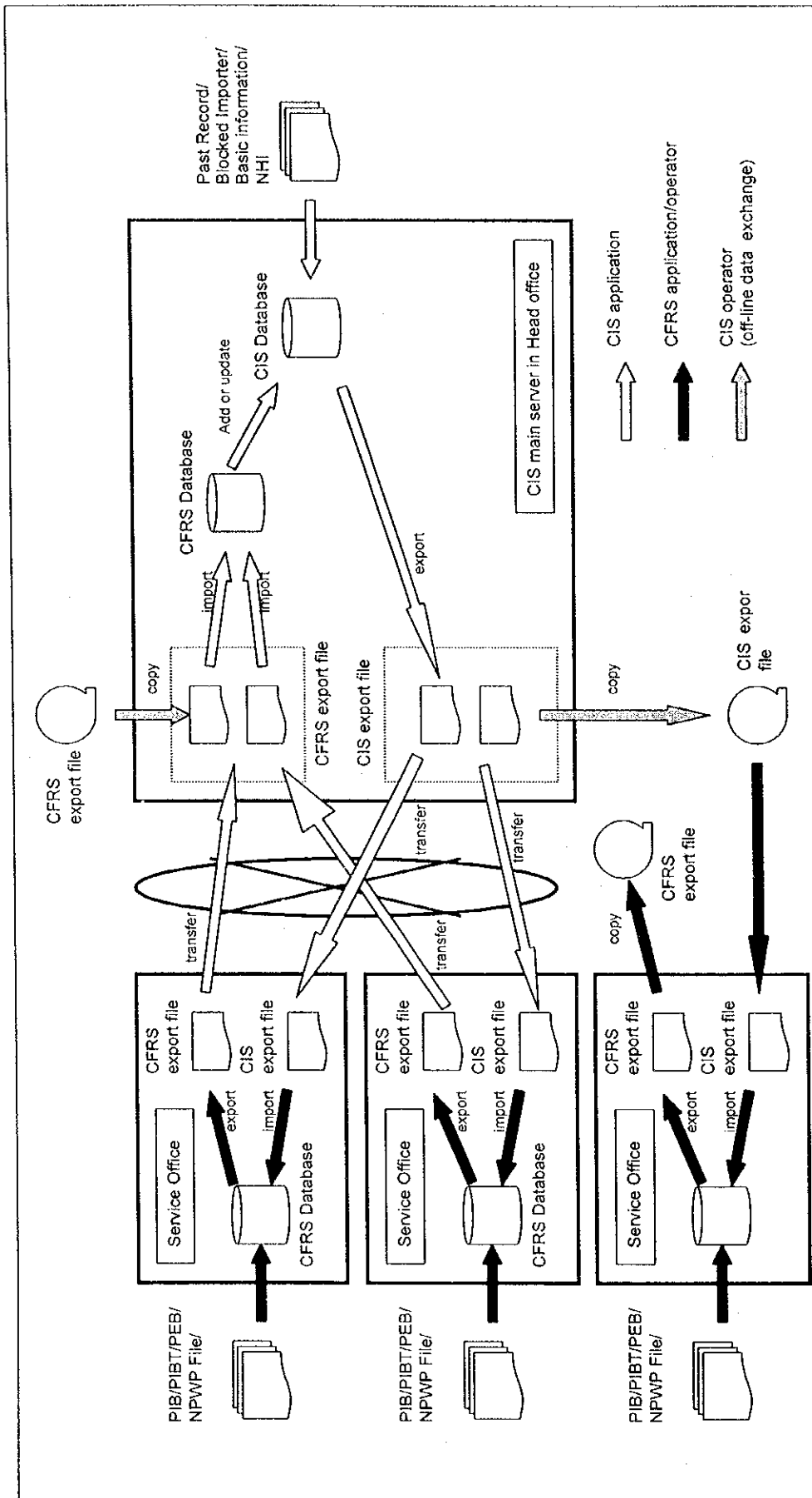


Figure 1.7.2.1-1: Mechanism of data exchanging between CIS and CFRS

On-line data exchange (with network connection)

- Receiving processes (data from CFRS to CIS)
 - CFRS creates the CFRS EXPORT files with Oracle export function.
 - CIS gets the CFRS EXPORT files from the CFRS server into the CIS server.
 - CIS imports the CFRS EXPORT files into the CIS database via CFRS database in CIS.

- Sending process (data from CIS to CFRS)
 - CIS creates the CIS EXPORT files.
 - CIS puts the CIS EXPORT files into the CFRS server.
 - CFRS imports the CIS EXPORT files into the CFRS database.

- Off-line exchanging data (without network connection)
 - Receiving process (data from CFRS to CIS)
 - CFRS creates the CFRS EXPORT files by Oracle export function.
 - CFRS operator saves the CFRS EXPORT files into the magnetic media.
 - CFRS operator sends it to Head Office by mail.
 - CIS operator receives and saves it into the CIS server.
 - CIS imports CFRS EXPORT files into the CIS database.

 - Sending process (data from CIS to CFRS)
 - CIS creates the CIS EXPORT files.
 - CIS operator saves the CIS EXPORT files into the magnetic media.
 - CIS operator sends it to Service Offices.
 - CFRS operator receives and save it into the CFRS server.
 - CFRS imports the CIS EXPORT files into CFRS main database.

1.7.2.2 Specification of processes

As a result of system design (Phase I and II), the following documents are attached.

Conventions used in documents.....	Figure 1.7.2.2-1
Process Overview	
Data receiving from CFRS.....	Figure 1.7.2.2-2
Data sending to CFRS.....	Figure 1.7.2.2-3

Detail mechanism

Data receiving from CFRS.....Figure 1.7.2.2-4
Data sending to CFRS.....Figure 1.7.2.2-5
NPWP data exchangingFigure 1.7.2.2-6

Process structure

Transfer process for data receiving.....Figure 1.7.2.2-7
Import process.....Figure 1.7.2.2-8
NPWP registration processFigure 1.7.2.2-9
PIB registration processFigure 1.7.2.2-10
PIBT registration process.....Figure 1.7.2.2-11
PEB registration processFigure 1.7.2.2-12
BASIC INFORMATION extraction process.....Figure 1.7.2.2-13
NHI extraction process.....Figure 1.7.2.2-14
Past Record extraction process.....Figure 1.7.2.2-15
Blocked Importer extraction processFigure 1.7.2.2-16
BASIC INFORMATION export process.....Figure 1.7.2.2-17
NHI export processFigure 1.7.2.2-18
Past Record export processFigure 1.7.2.2-19
Blocked Importer export processFigure 1.7.2.2-20
Transfer process for data sendingFigure 1.7.2.2-21

File property Table 1.7.2.2-1

Error definition

Transfer process for data receiving..... Table 1.7.2.2-2
Import process..... Table 1.7.2.2-3
NPWP registration process Table 1.7.2.2-4
PIB registration process Table 1.7.2.2-5
PIBT registration process..... Table 1.7.2.2-6
PEB registration process Table 1.7.2.2-7
BASIC INFORMATION extraction process Table 1.7.2.2-8
NHI extraction process..... Table 1.7.2.2-9
Past Record extraction process..... Table 1.7.2.2-10
Blocked Importer extraction process Table 1.7.2.2-11
BASIC INFORMATION export process..... Table 1.7.2.2-12
NHI export process Table 1.7.2.2-13
Past Record export process Table 1.7.2.2-14
Blocked Importer export process Table 1.7.2.2-15

Transfer process for data sending	Table 1.7.2.2-16
Preconditions and Restrictions	
Transfer process for data receiving	Table 1.7.2.2-17
Import process	Table 1.7.2.2-18
NPWP registration process	Table 1.7.2.2-19
PIB registration process	Table 1.7.2.2-20
PIBT registration process	Table 1.7.2.2-21
PEB registration process	Table 1.7.2.2-22
BASIC INFORMATION extraction process	Table 1.7.2.2-23
NHI extraction process	Table 1.7.2.2-24
Past Record extraction process	Table 1.7.2.2-25
Blocked Importer extraction process	Table 1.7.2.2-26
BASIC INFORMATION export process	Table 1.7.2.2-27
NHI export process	Table 1.7.2.2-28
Past Record export process	Table 1.7.2.2-29
Blocked Importer export process	Table 1.7.2.2-30
Transfer process for data sending	Table 1.7.2-31
Technical detail information	
Naming rules for exchanging files	Figure 1.7.2.2-22

There are two document formats in this sub-subsection. "Process Overview" explains overview of each function. "Process Structure" explains procedure for each process in left part of the document. "Process" consists of several "process step" which are explained by right part of "Process Structure".

In this example, process overview "XXXXX" consists of tree processes. But one of processes is not described in here, because this process "VVVV" is described in another part. Process "YYYY" and "ZZZZ" are described in each "Process Structure" document. Process "YYYY" has tree process steps and process "ZZZZ" has two process steps. Every explanation for process steps are described in right part of each document.

Process "VVVV" is not described in here.

Left part describes procedure of process

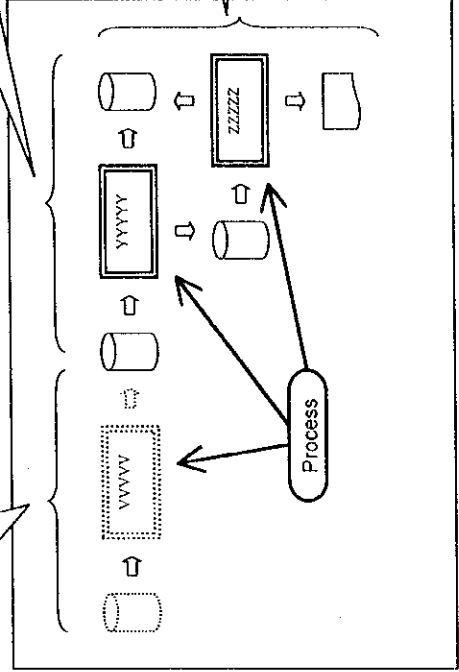


Figure n.n-1: Process Overview (XXXXX)

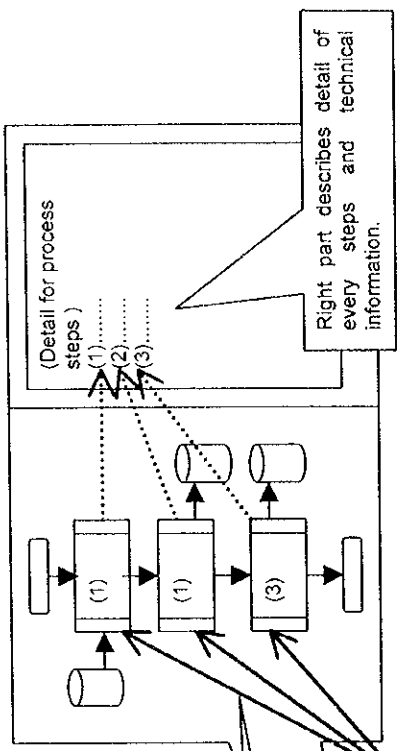


Figure n.n-2: Process Structure (YYYYY)

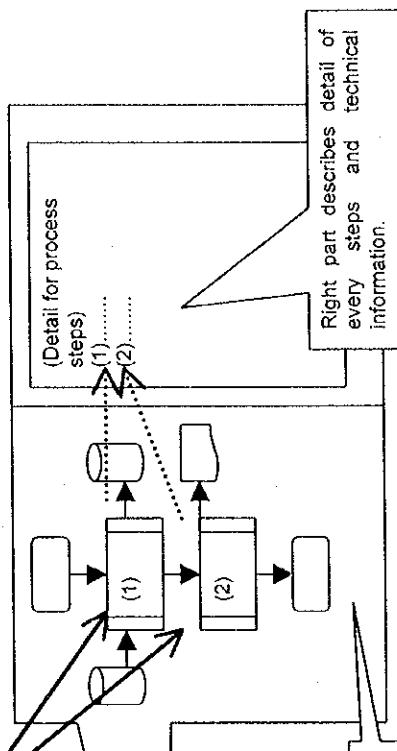


Figure n.n-3: Process Structure (ZZZZZ)

Left part describes procedure of process

Figure 1.7.2.2-1: Conventions used in documents

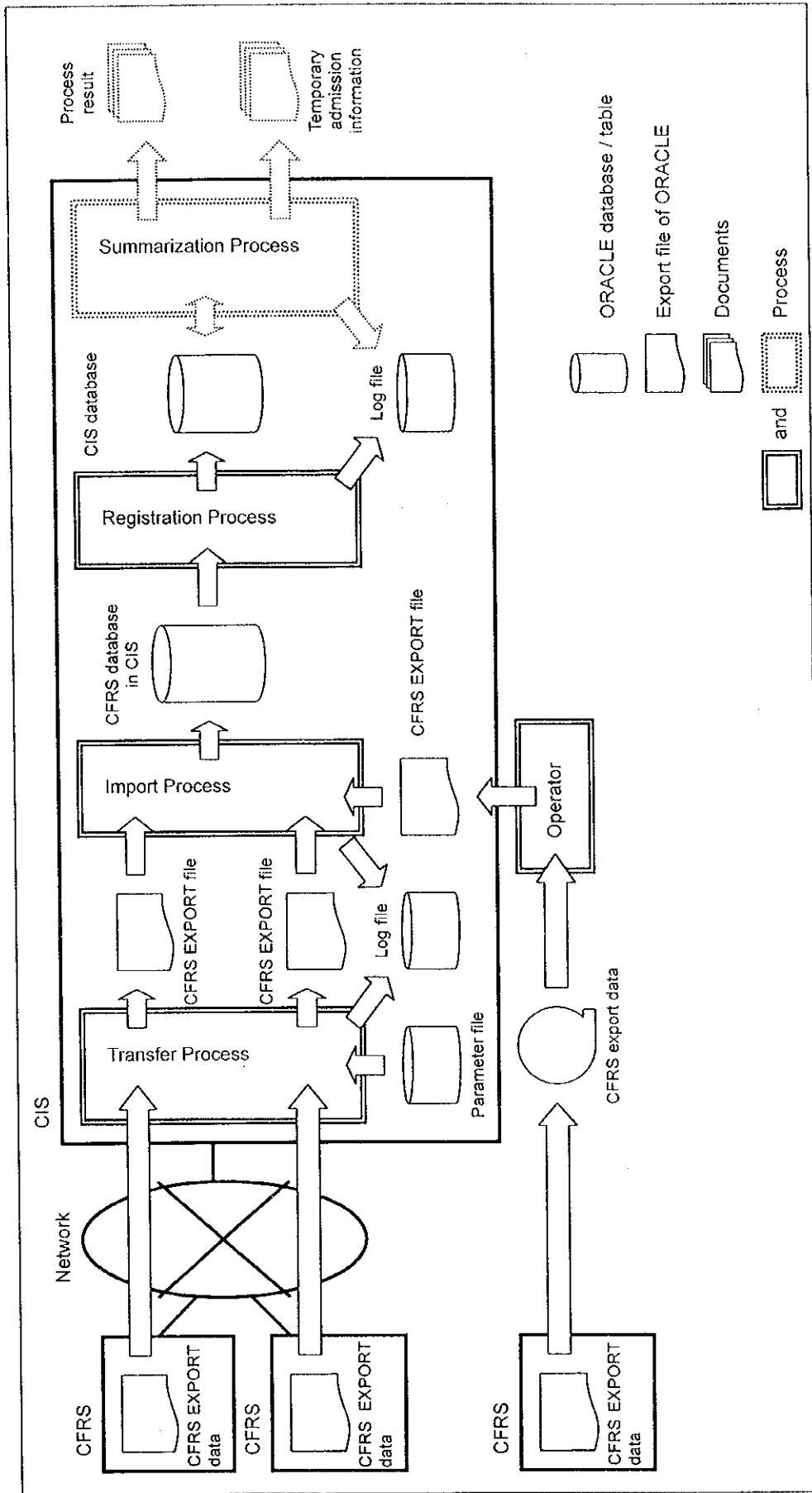


Figure 1.7.2.2: Process Overview (Data receiving from CFRS)

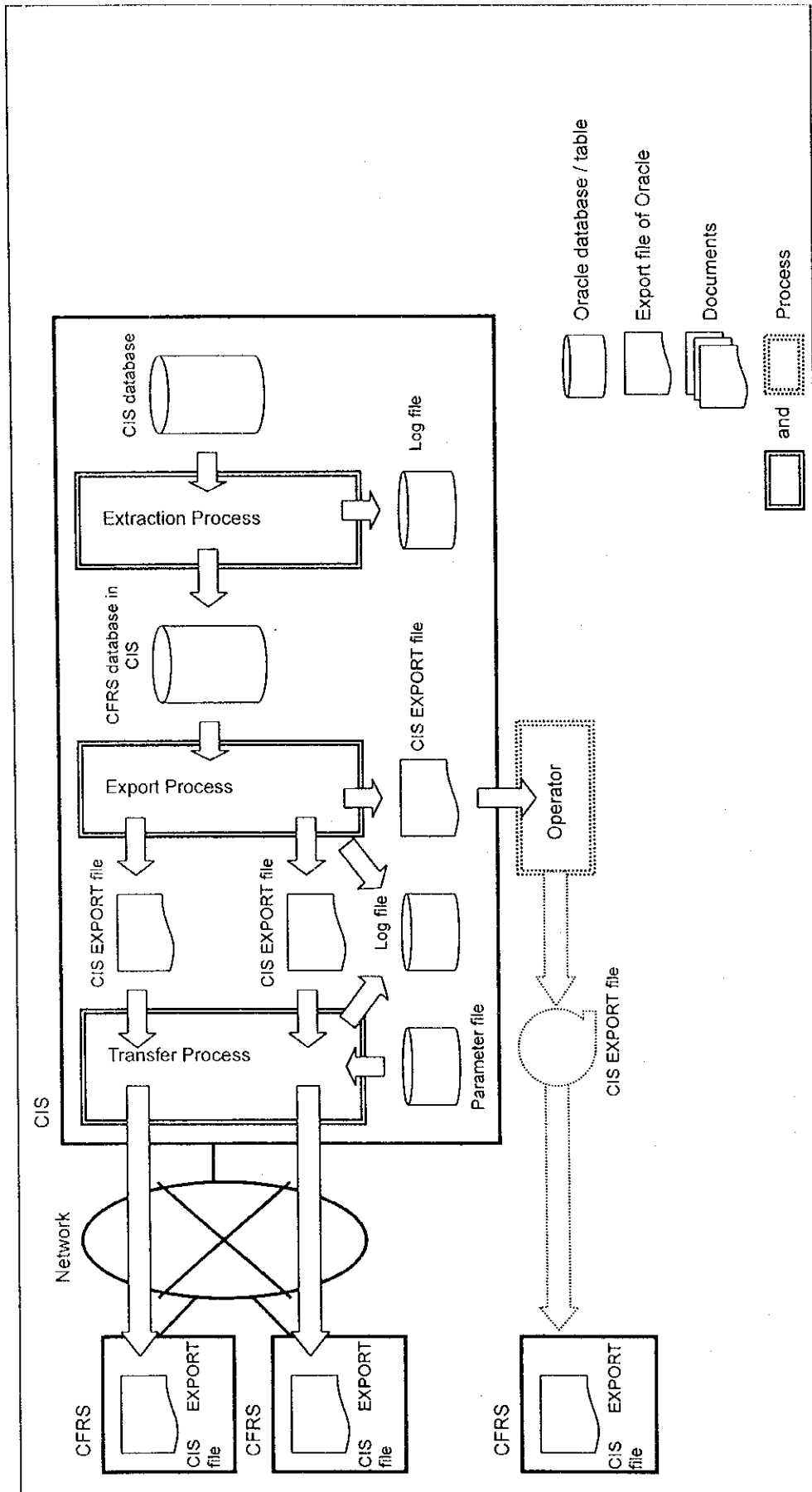


Figure 1.7.2.2-3: Process Overview (Data sending to CFRS)

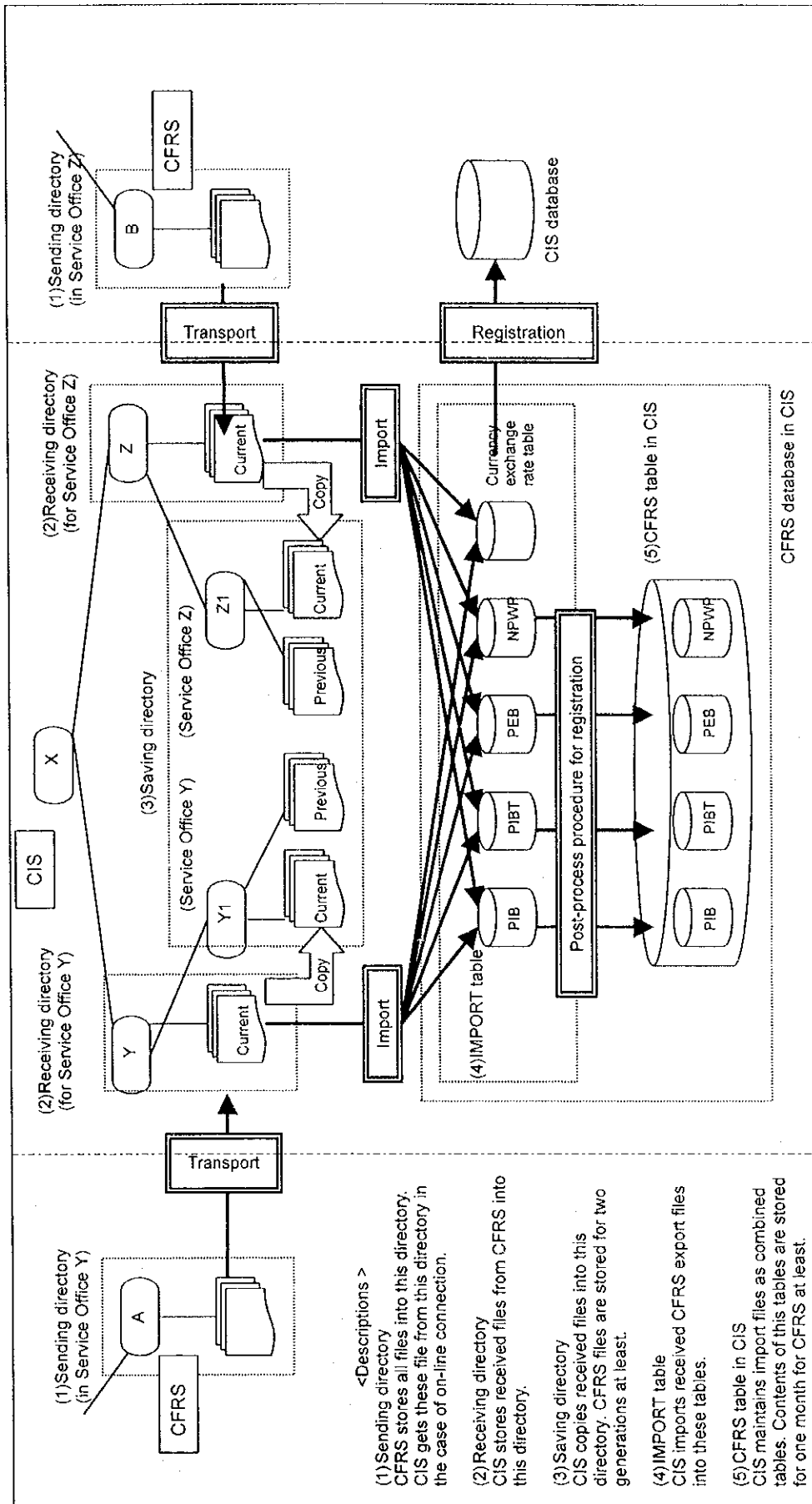
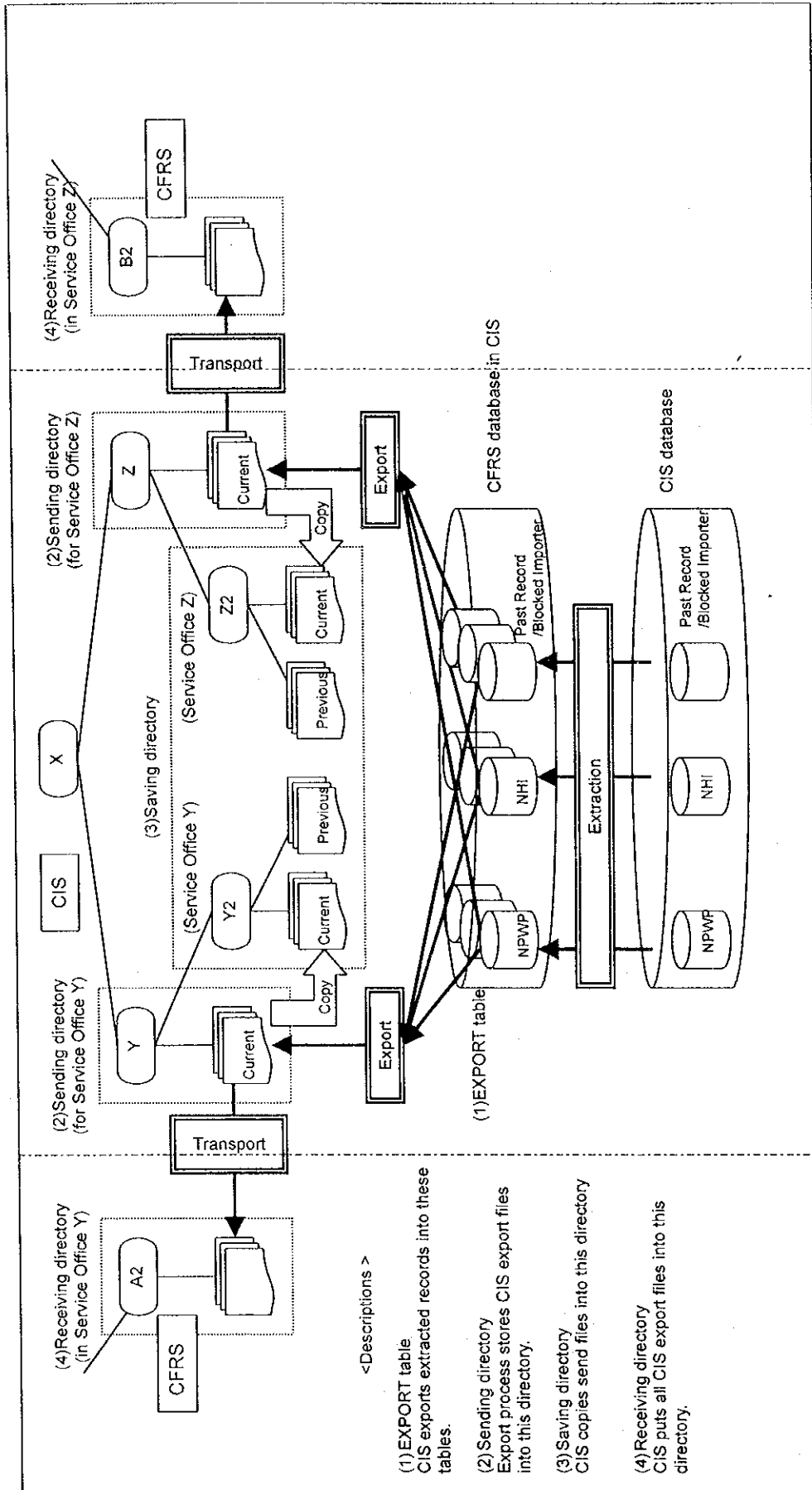


Figure 1.7.2.2-4: Detail mechanism (Data receiving from CFRS)



<Descriptions >

- (1) EXPORT table
CIS exports extracted records into these tables.
- (2) Sending directory
Export process stores CIS export files into this directory.
- (3) Saving directory
CIS copies send files into this directory.
- (4) Receiving directory
CIS puts all CIS export files into this directory.

Figure 1.7.2.2-5: Detail mechanism (Data sending to CFRS)

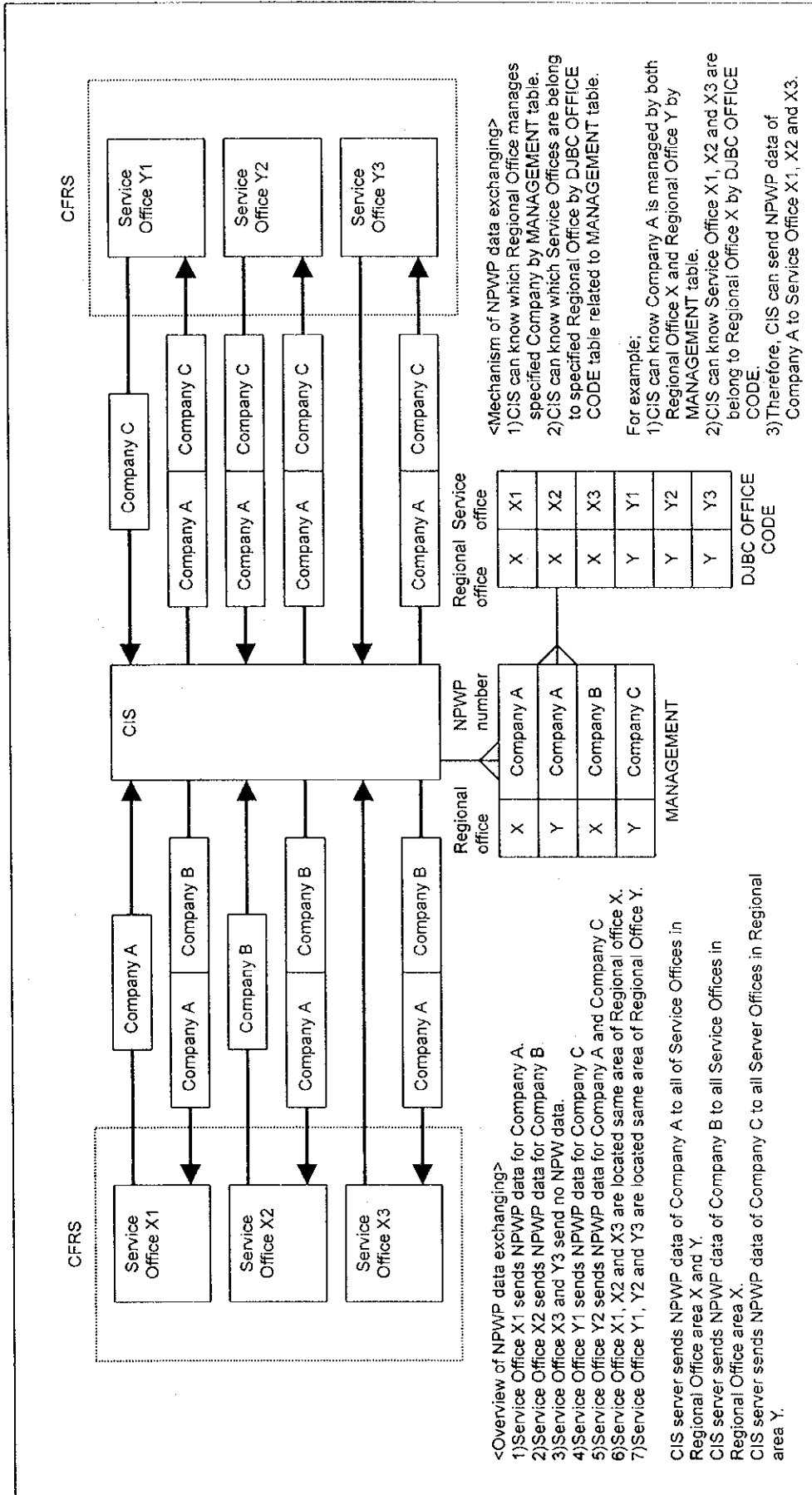


Figure 1.7.2.2-6: Detail mechanism (NPWP data exchanging)

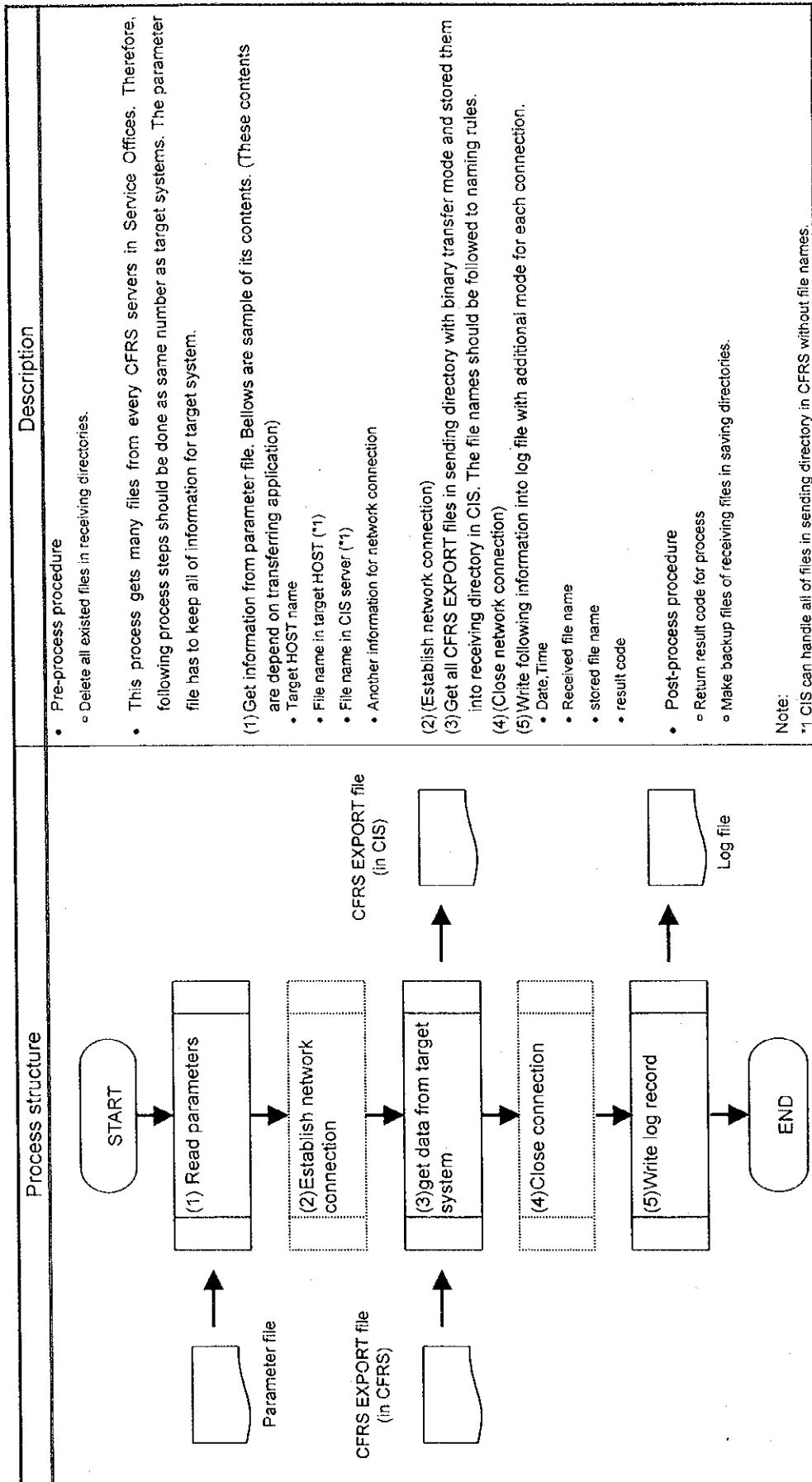


Figure 1.7.2.2-7: Process Structure (Transfer process for data receiving)

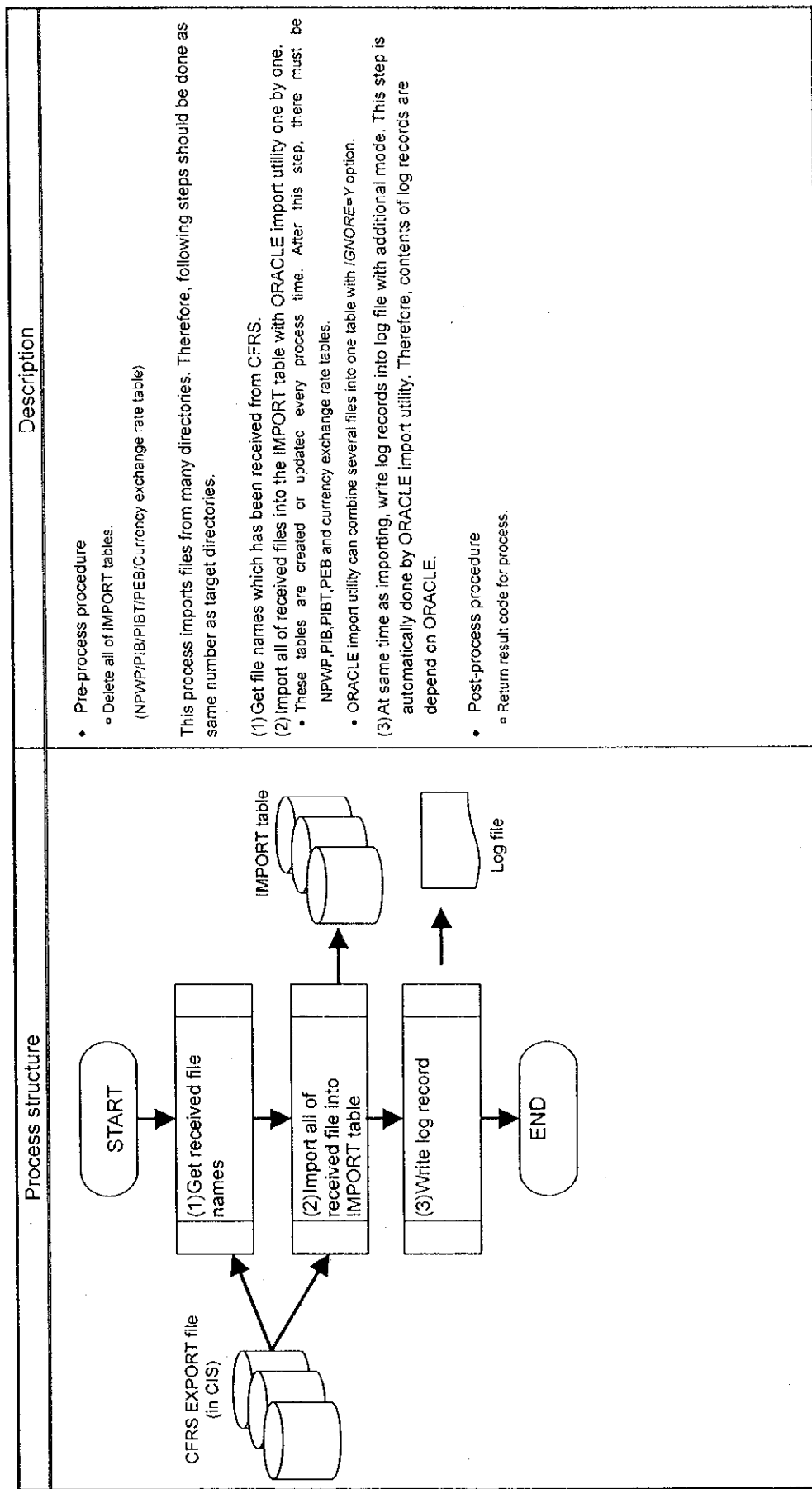


Figure 1.7.2.2-8: Process Structure (Import process)

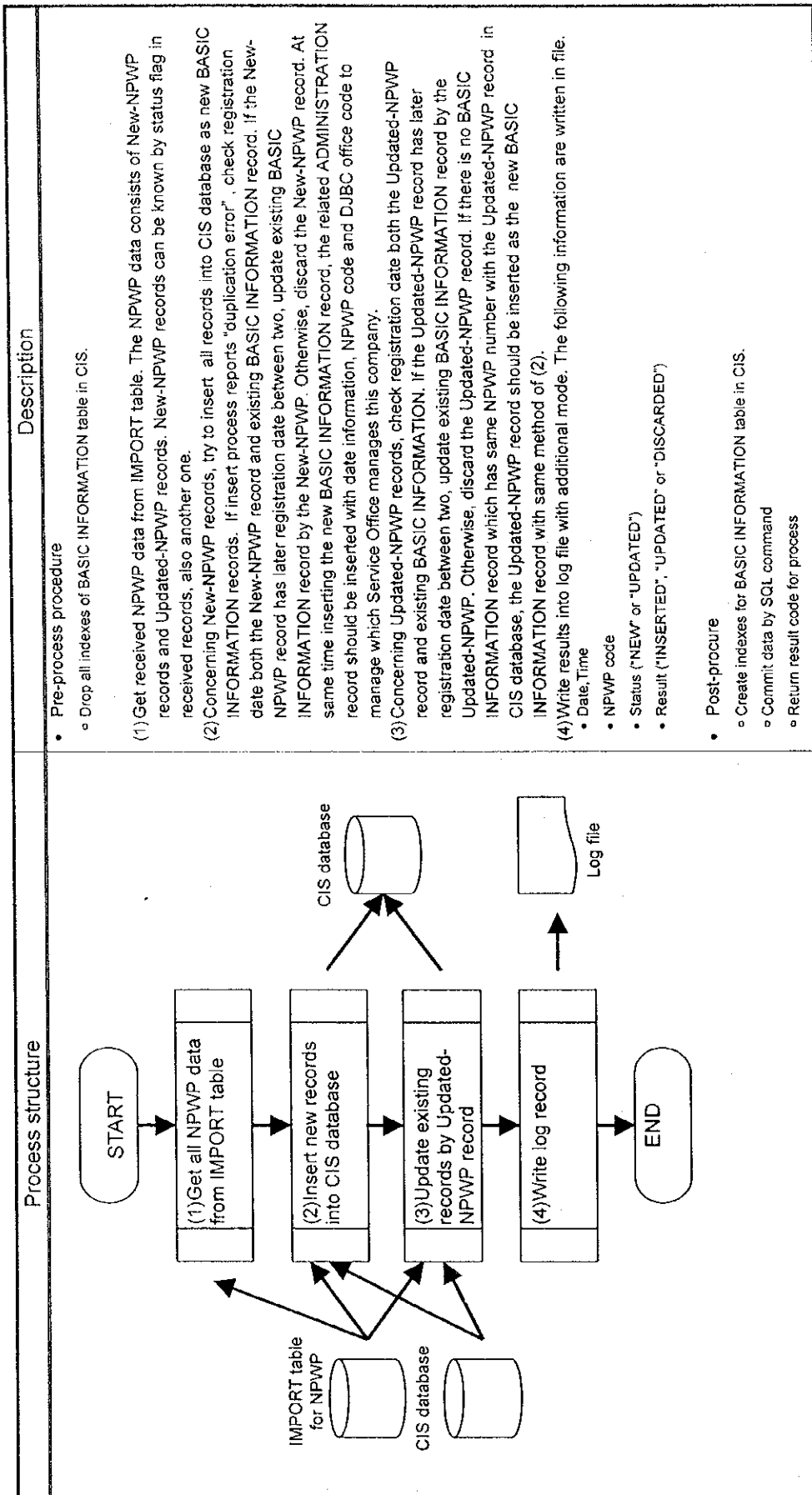


Figure 1.7.2.2-9: Process Structure (NPWP registration process)

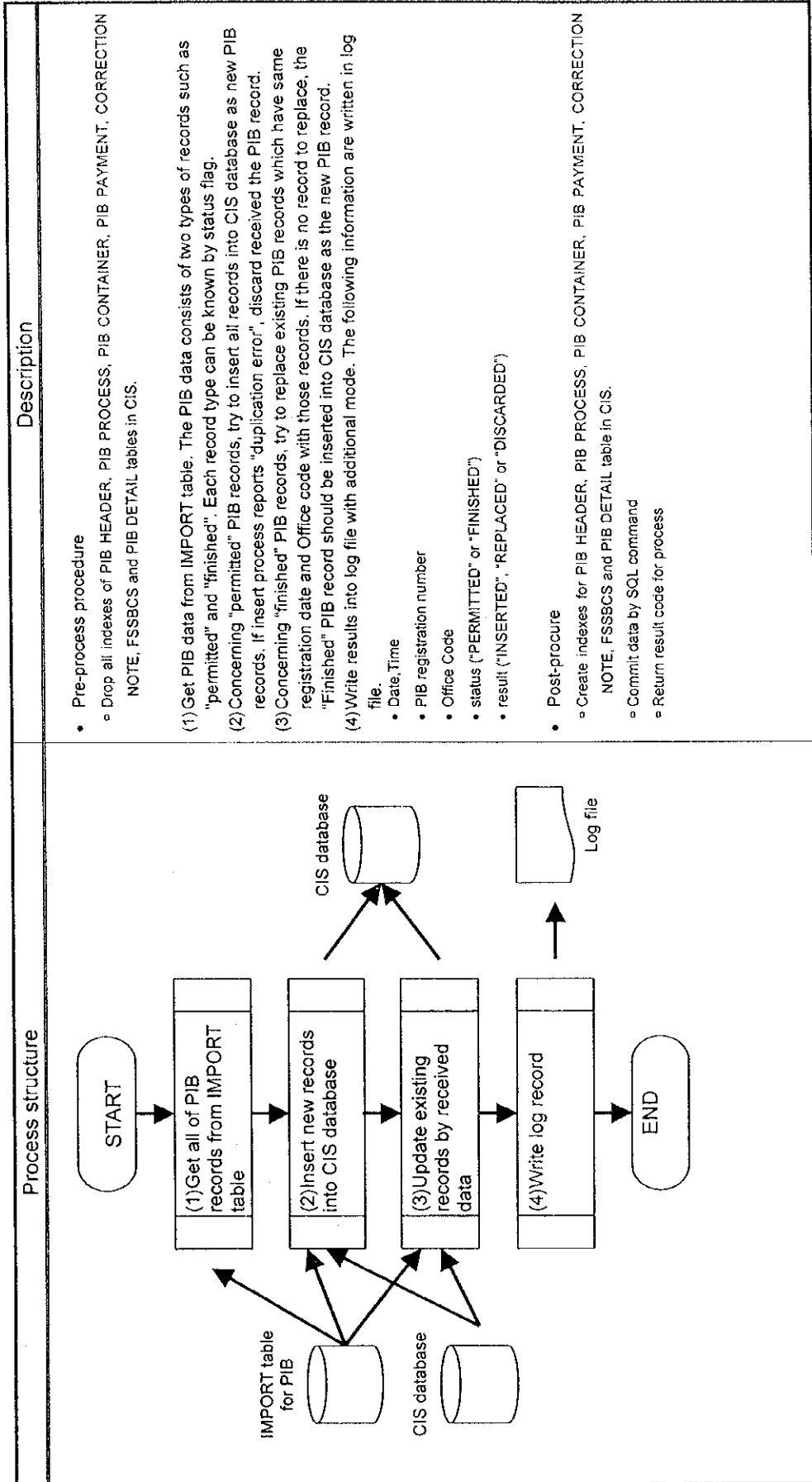


Figure 1.7.2.2-10: Process Structure (PIB registration process)

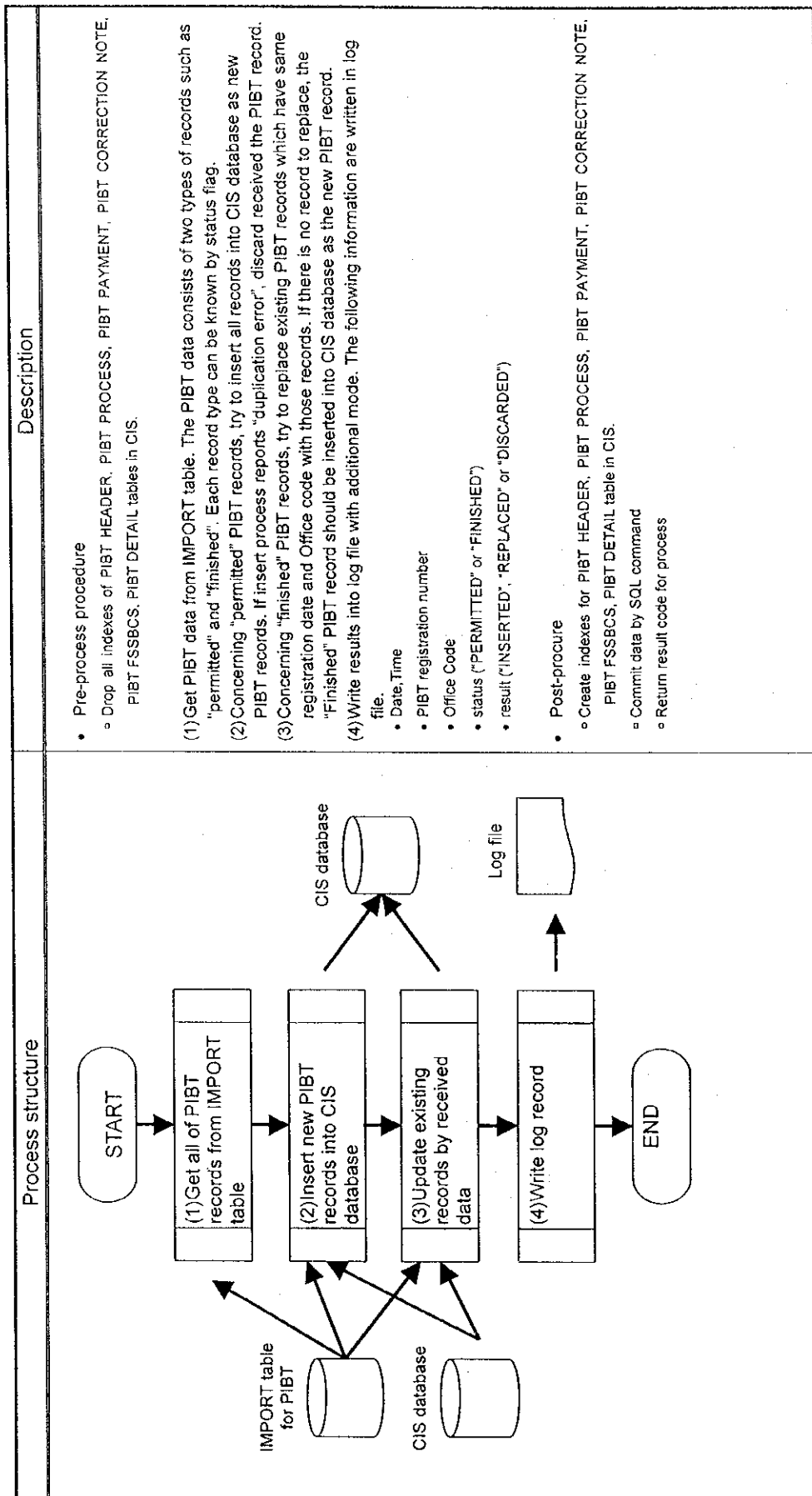


Figure 1.7.2.2-11: Process Structure (PIBT registration process)

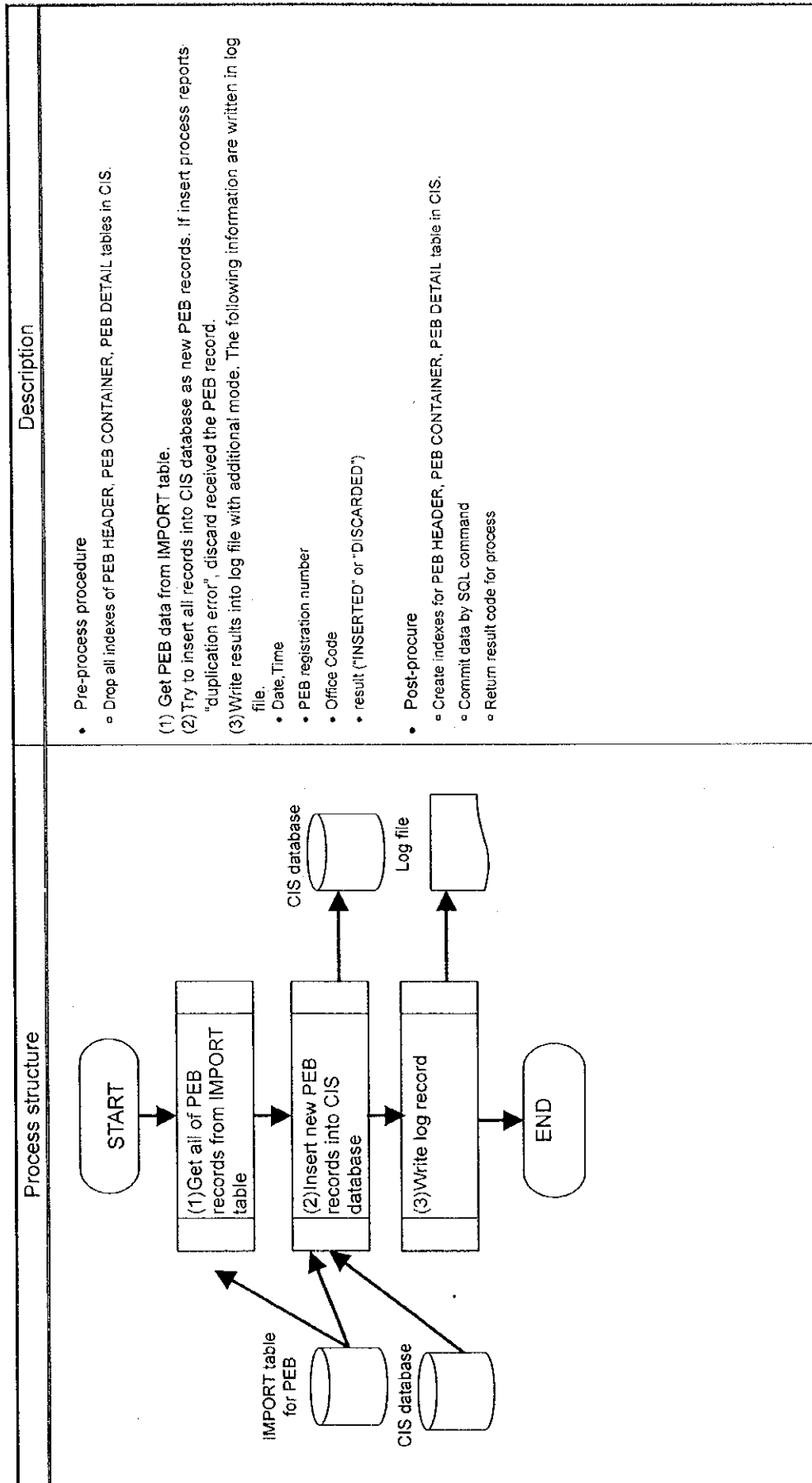


Figure 1.7.2.2-12: Process Structure (PEB registration process)

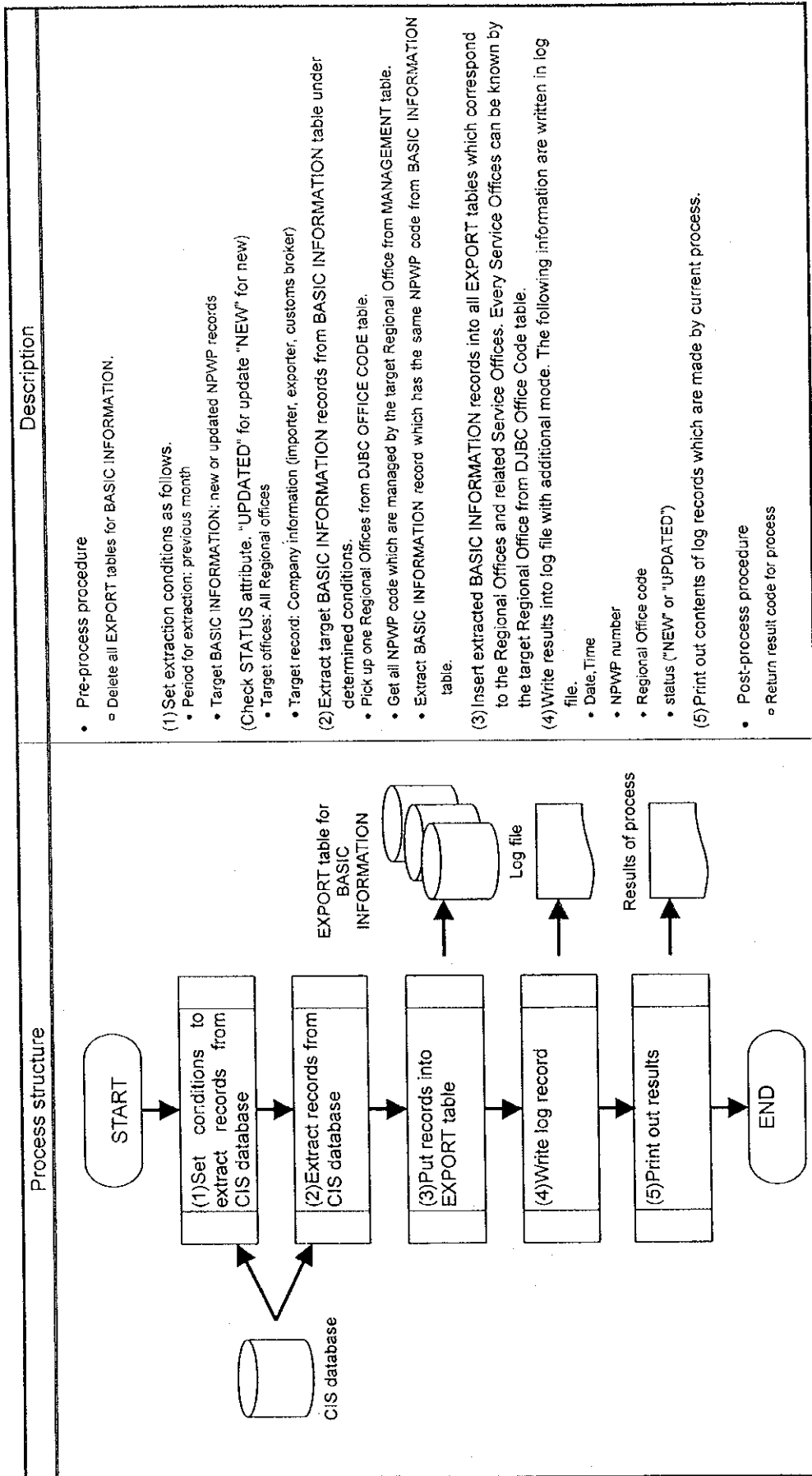


Figure 1.7.2.2-13: Process Structure (BASIC INFORMATION extraction process)

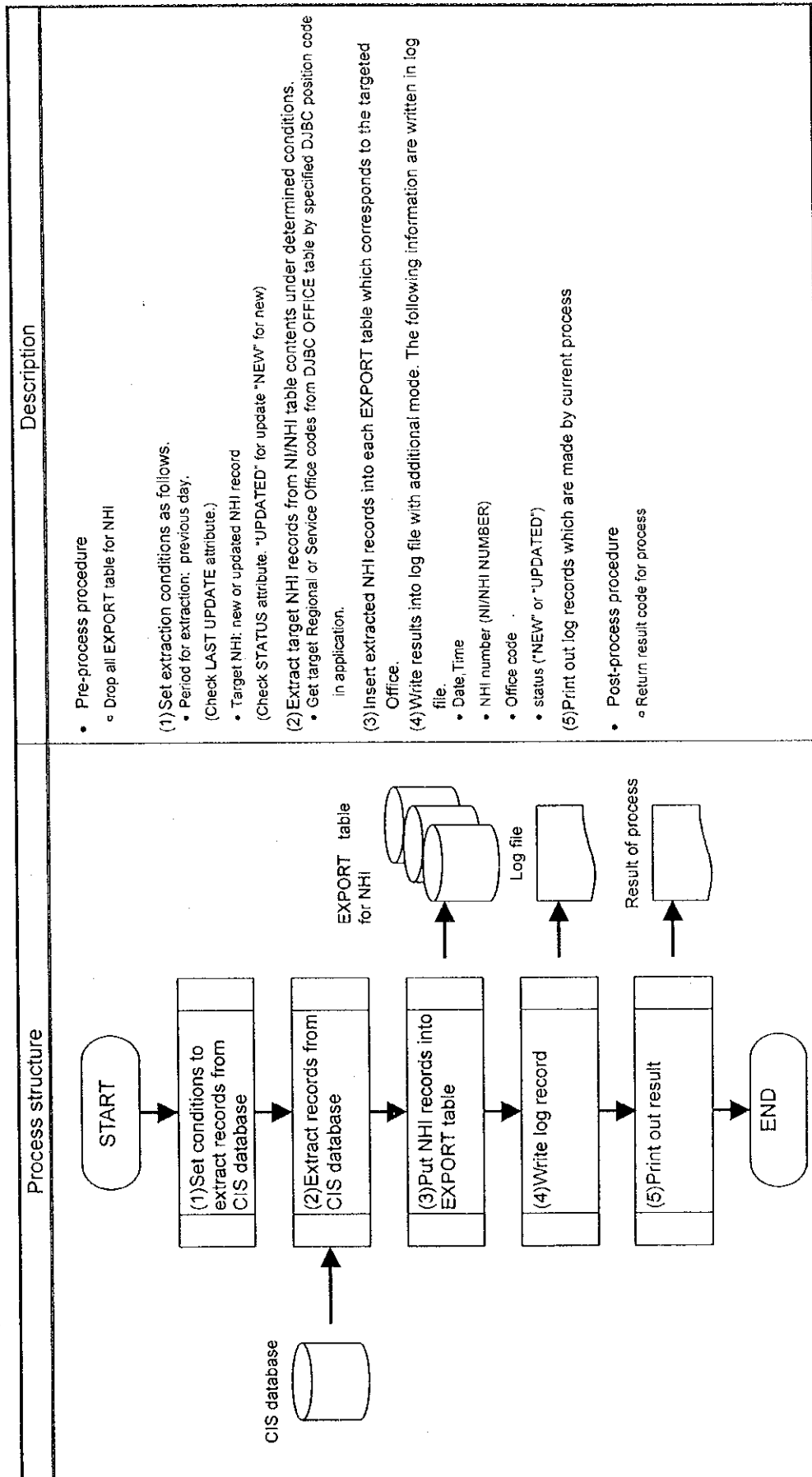


Figure 1.7.7.2-14: Process Structure (NHI extraction process)

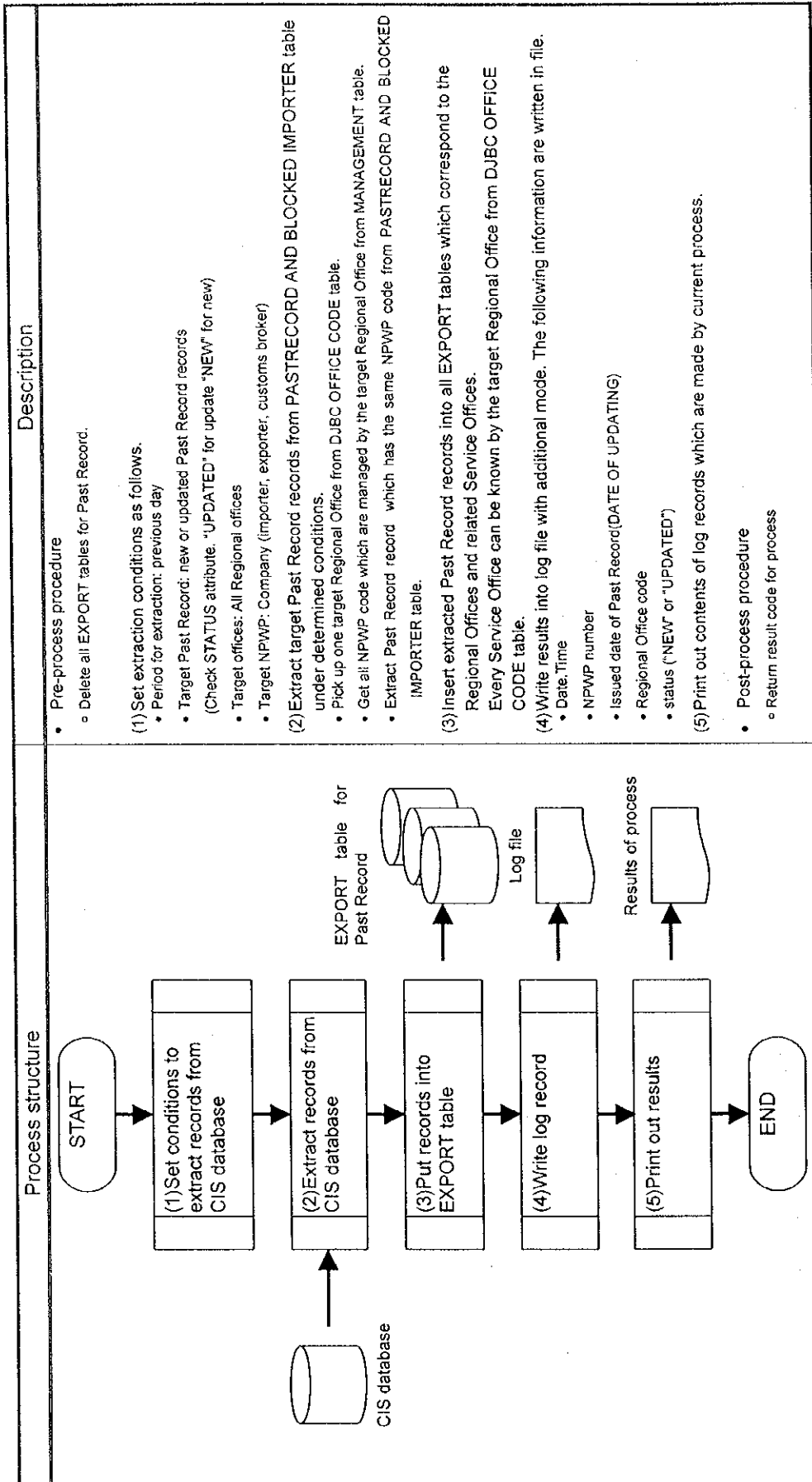


Figure 1.7.2.2-15: Process Structure (Past Record extraction process)

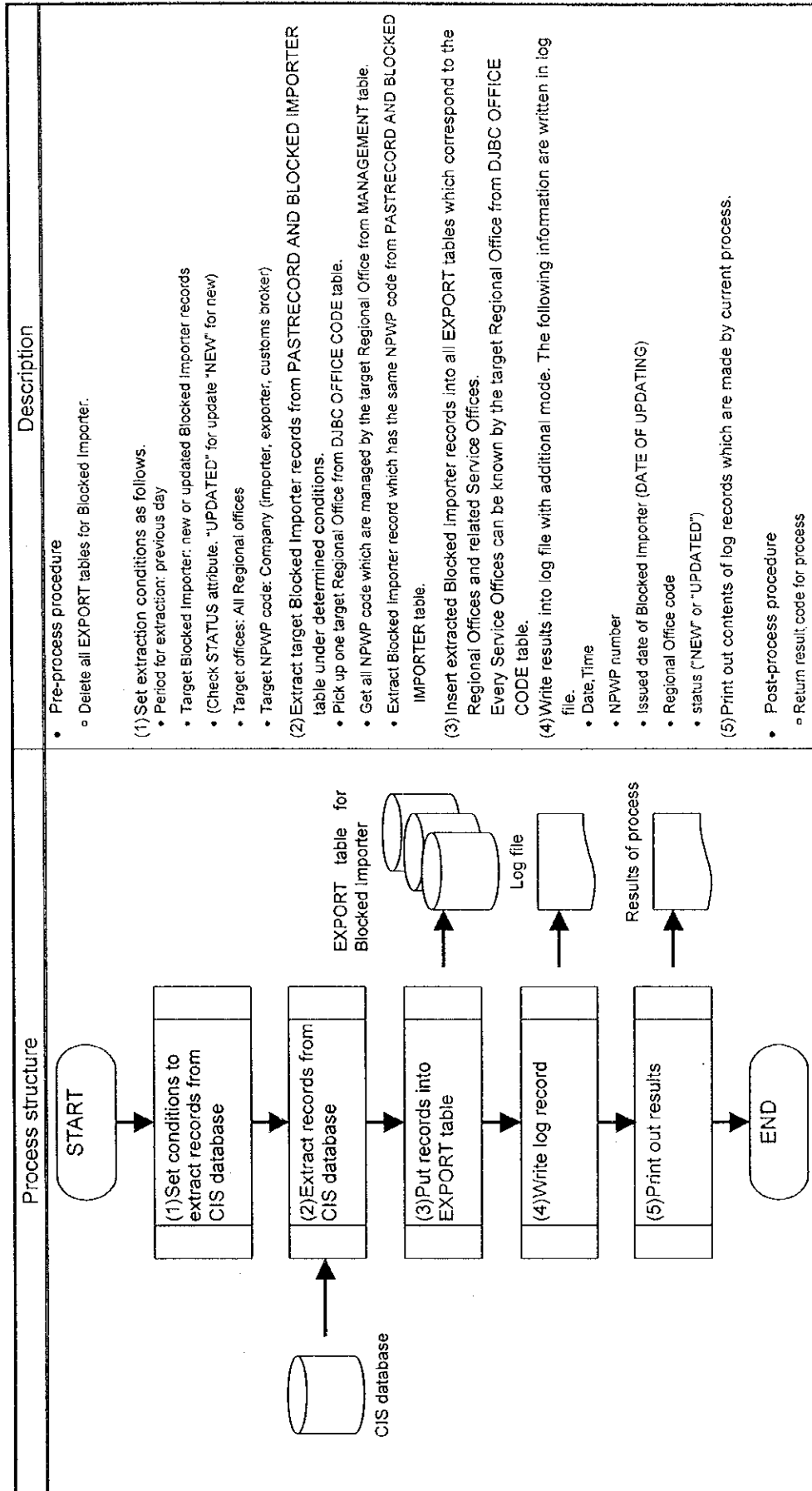


Figure 1.7.2.2-16: Process Structure (Blocked Importer extraction process)