プリント レイアウト

Output for checking monthly data

FPMS-PT03

14. NOV
26. NOV 83

DIREKTORAT JINDERAL PENGAIRAN
DIREKTORAT IRIGASI

NO. LAPORAN : FPMS-PT03
TGL. PROSES : DD-MM-YY

XXX MM-YY OUTPUT FOR CHECKING MONTHLY DATA XXX

HAL : 9999

ERROR MESSAGE INPUT DATA

XXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX X XX XXXX

) 51 lines

YEAR PROCESSING
MONTH PROCESSING

MAX 25 data Print

3.7 Input design

3.7.1 Input data list

No	Name	Explanation
01	Making master file sheet	This sheet includes 16 th kinds of format. The sheet Using addition update or delete of the FPMAST file. Addition Update code : 1 Delete Update code : ∅ Update Update code : 2 When addition, 15 lines are needed for a Sub-Project. When delete, one line is needed for a Sub-Project.
02	Monthly data sheet	This sheet is input every month One line is needed a Sub-Project.

フローチャート

3.4.2. Design of data Sheet

a). Making master (FPMAST) file Sheet

② Addition sheet (Update code = "1")

Control key
Project
Project code
Update code
Data Sequence

Allocated Budget (RP. 1000)

APBN							BLN	
01	02	03	04	05	06	07	06	07

Disbursement Schedule (APR) (RP. 1000)

APBN							BLN	
01	02	03	04	05	06	07	06	07

Disbursement Schedule (MAY) (RP. 1000)

APBN							BLN	
01	02	03	04	05	06	07	06	07

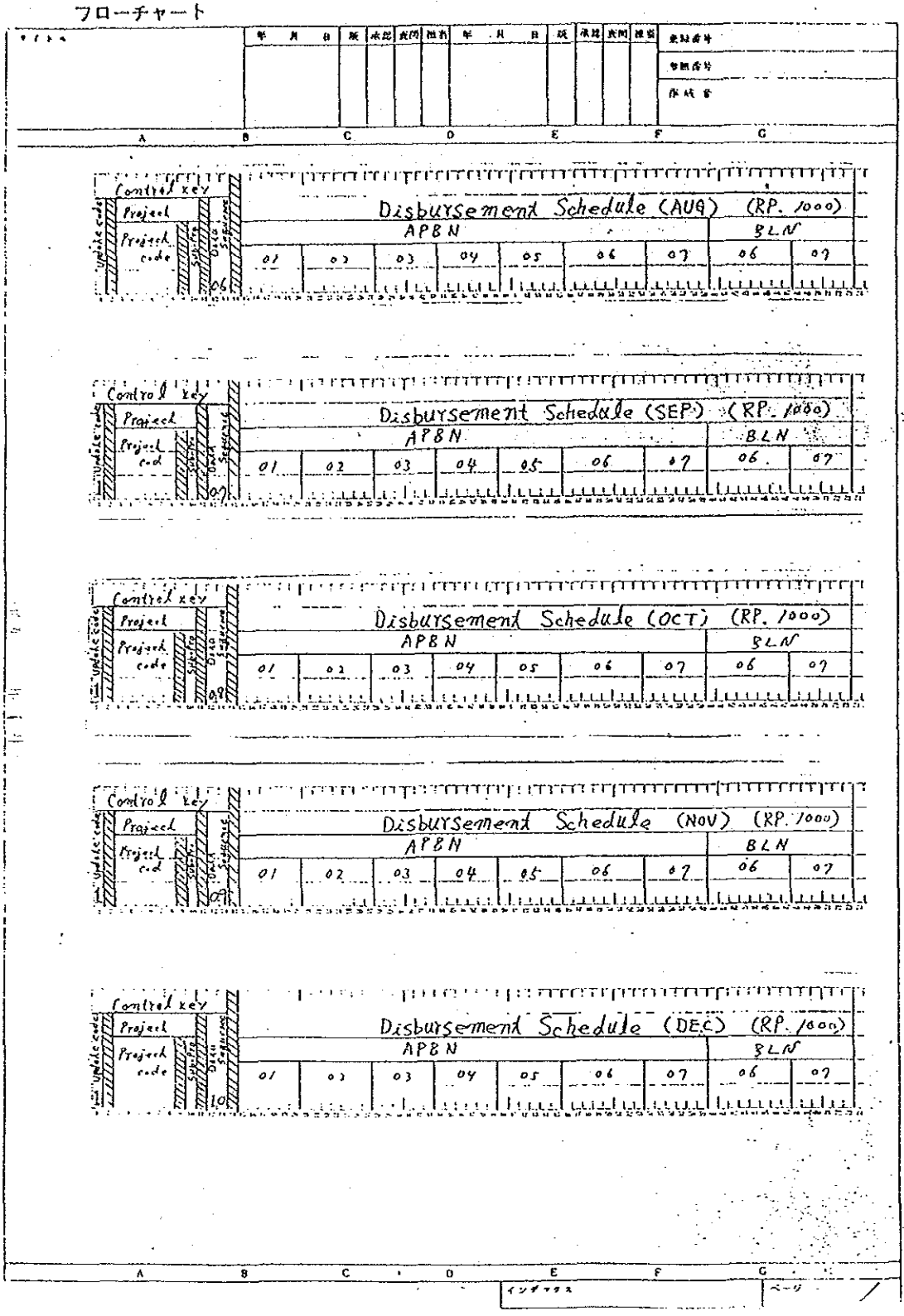
Disbursement Schedule (JUN) (RP. 1000)

APBN							BLN	
01	02	03	04	05	06	07	06	07

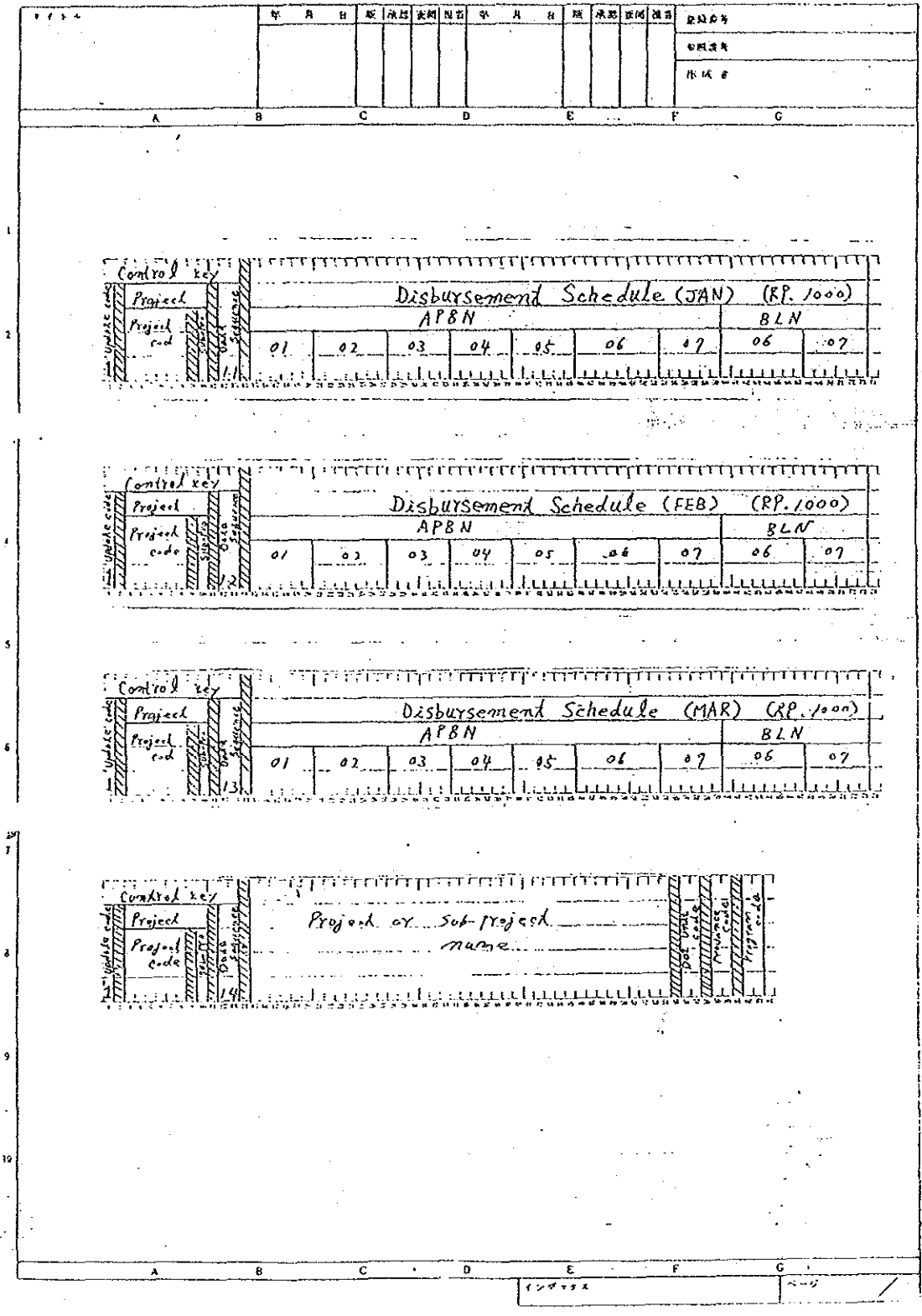
Disbursement Schedule (JUL) (RP. 1000)

APBN							BLN	
01	02	03	04	05	06	07	06	07

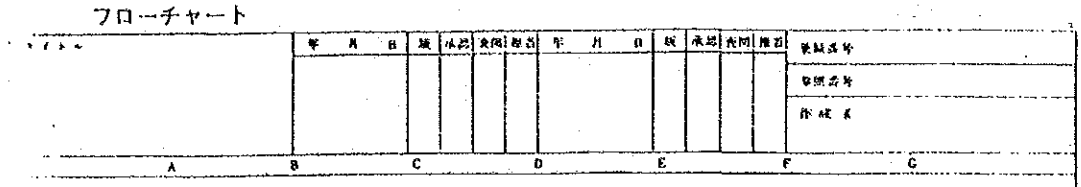
フローチャート


Control key
Project
Project code
Update code
Disbursement Schedule (AUG) (RP. 1000)
APBN
BLN
01 02 03 04 05 06 07 06 07
Disbursement Schedule (SEP) (RP. 1000)
Disbursement Schedule (OCT) (RP. 1000)
Disbursement Schedule (NOV) (RP. 1000)
Disbursement Schedule (DEC) (RP. 1000)

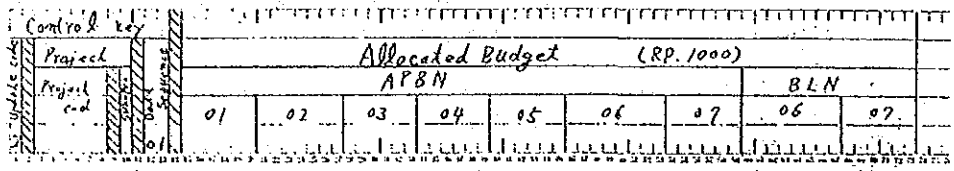
フローチャート

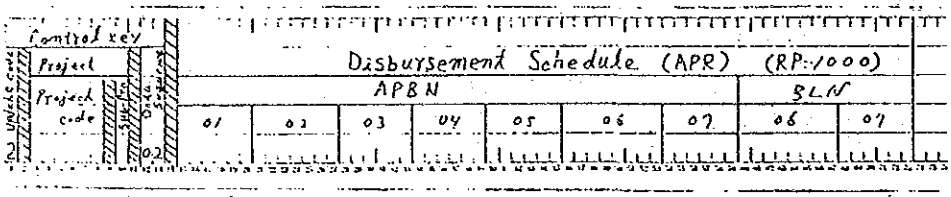

Control key
Project
Project code
Disbursement Schedule (JAN) (RP. 1000)
APBN
BLN
01
02
03
04
05
06
07
06
07
Disbursement Schedule (FEB) (RP. 1000)
Disbursement Schedule (MAR) (RP. 1000)
Project or Sub-project name

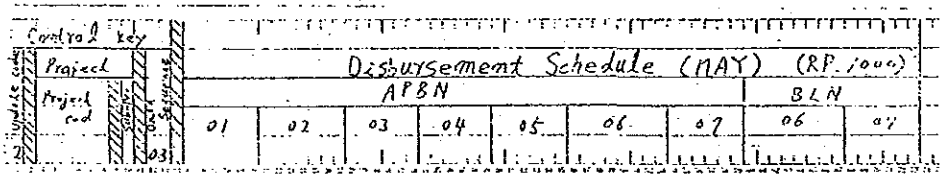
フローチャート

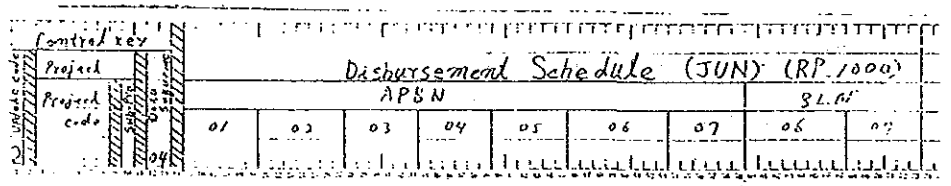


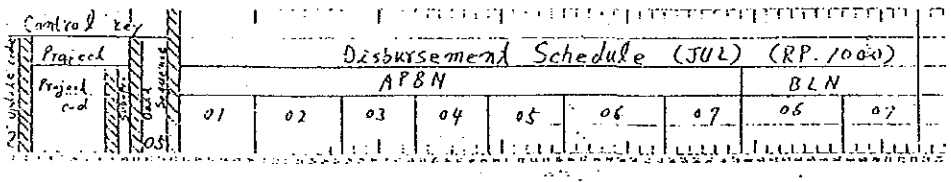
◎ Update Sheet (Update code = "2")



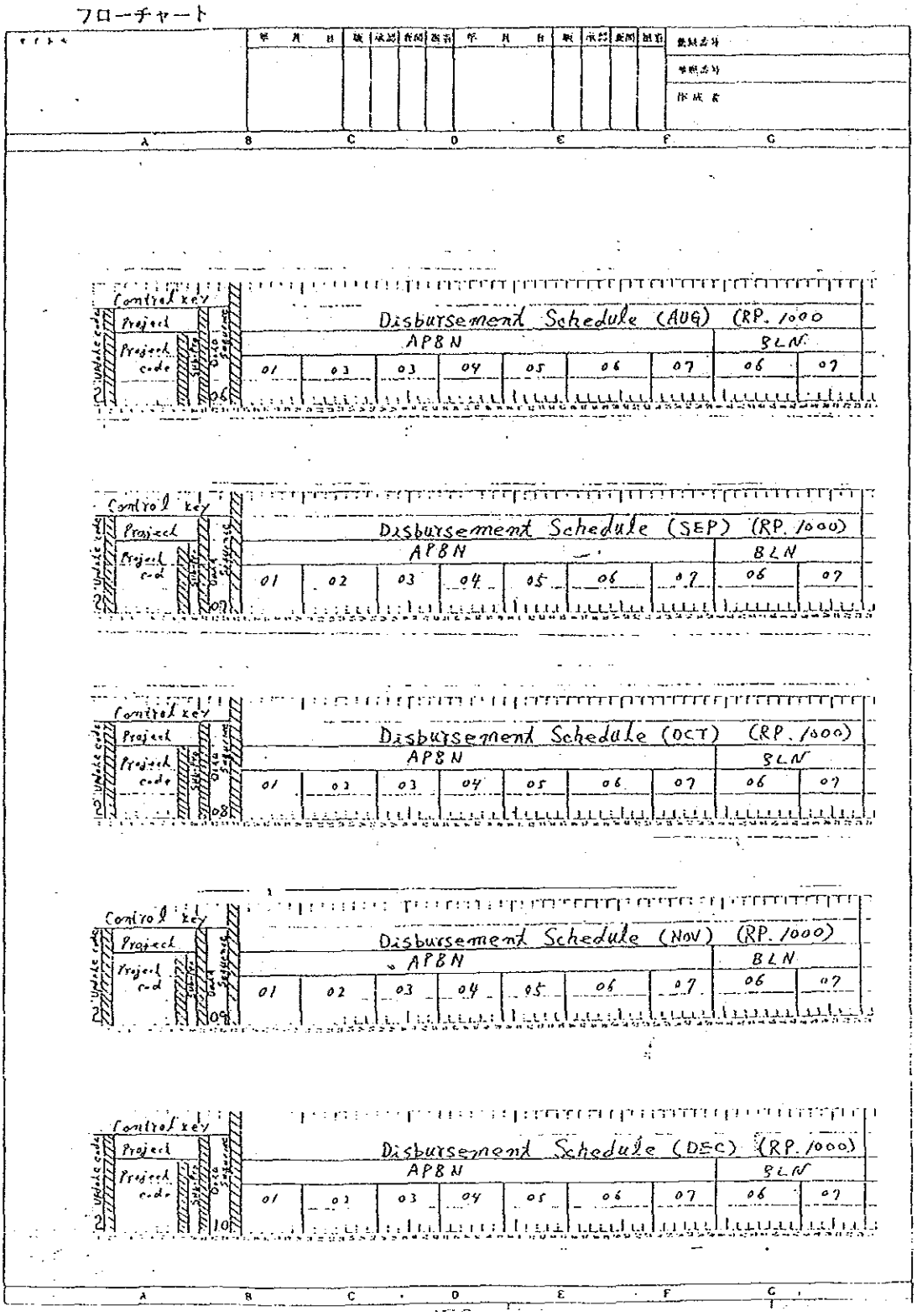




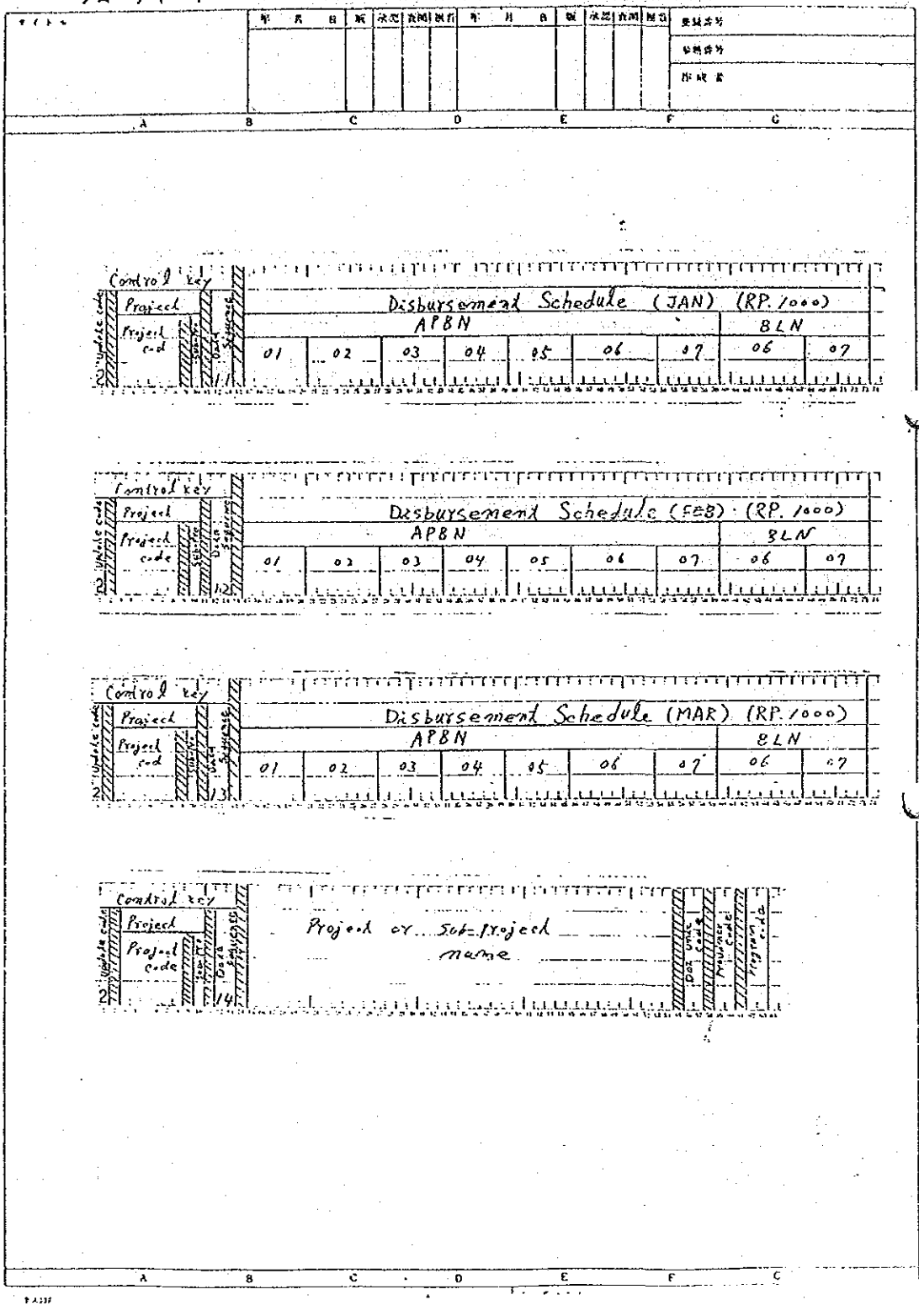




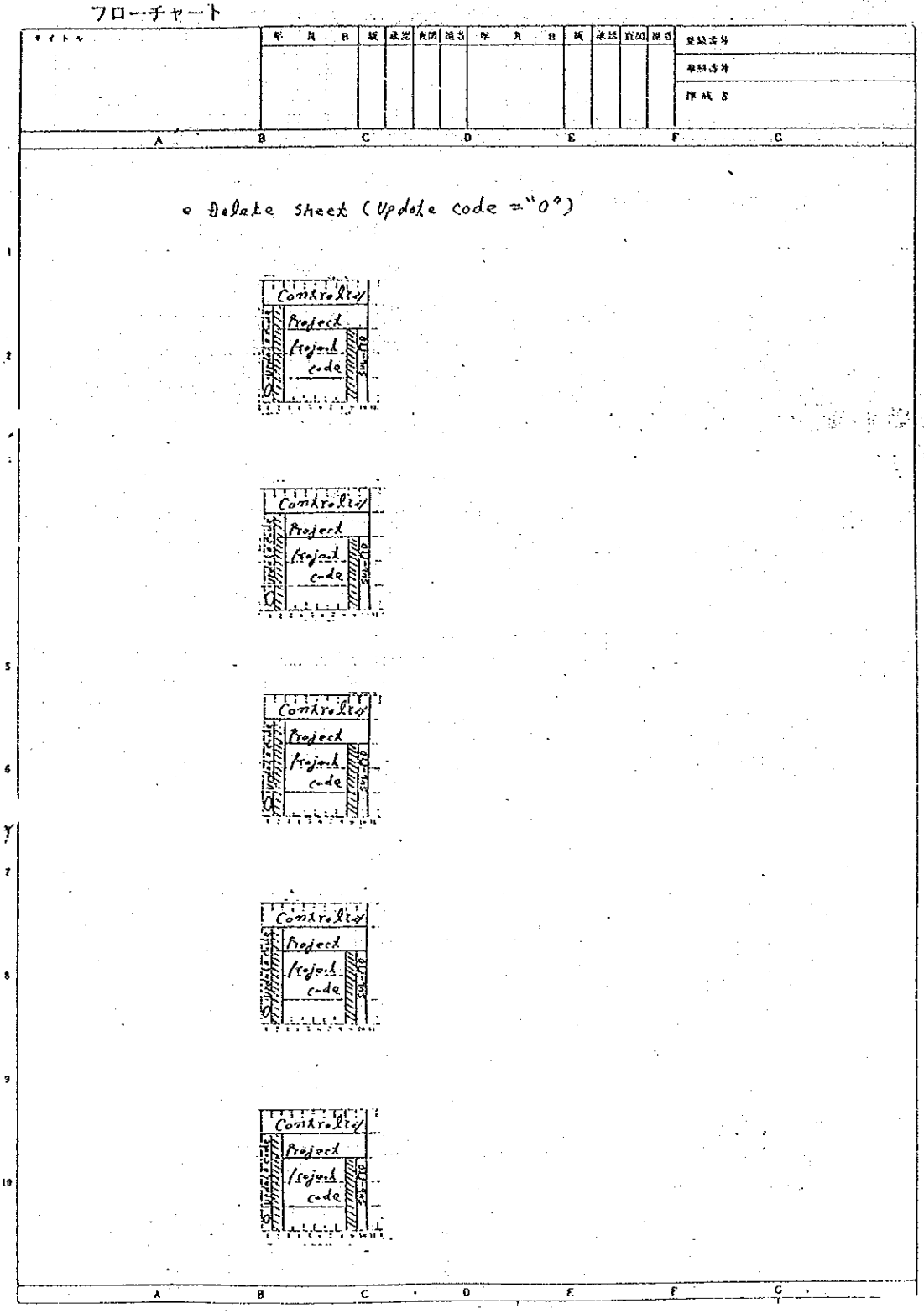
フローチャート


Control key
Project
Project code
Disbursement Schedule (AUG) (RP. 1000
APBN
BLN
01 02 03 04 05 06 07 06 07
Disbursement Schedule (SEP) (RP. 1000)
Disbursement Schedule (OCT) (RP. 1000)
Disbursement Schedule (NOV) (RP. 1000)
Disbursement Schedule (DEC) (RP. 1000)

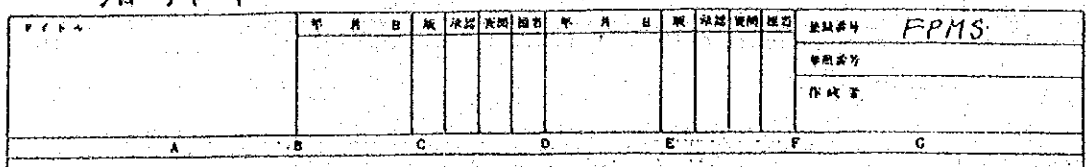
フローチャート


Control key
Project
Project code
Disbursement Schedule (JAN) (RP. 1000)
APBN
BLN
01
02
03
04
05
06
07
06
07
Disbursement Schedule (FEB) (RP. 1000)
Disbursement Schedule (MAR) (RP. 1000)
Project or Sub-project name

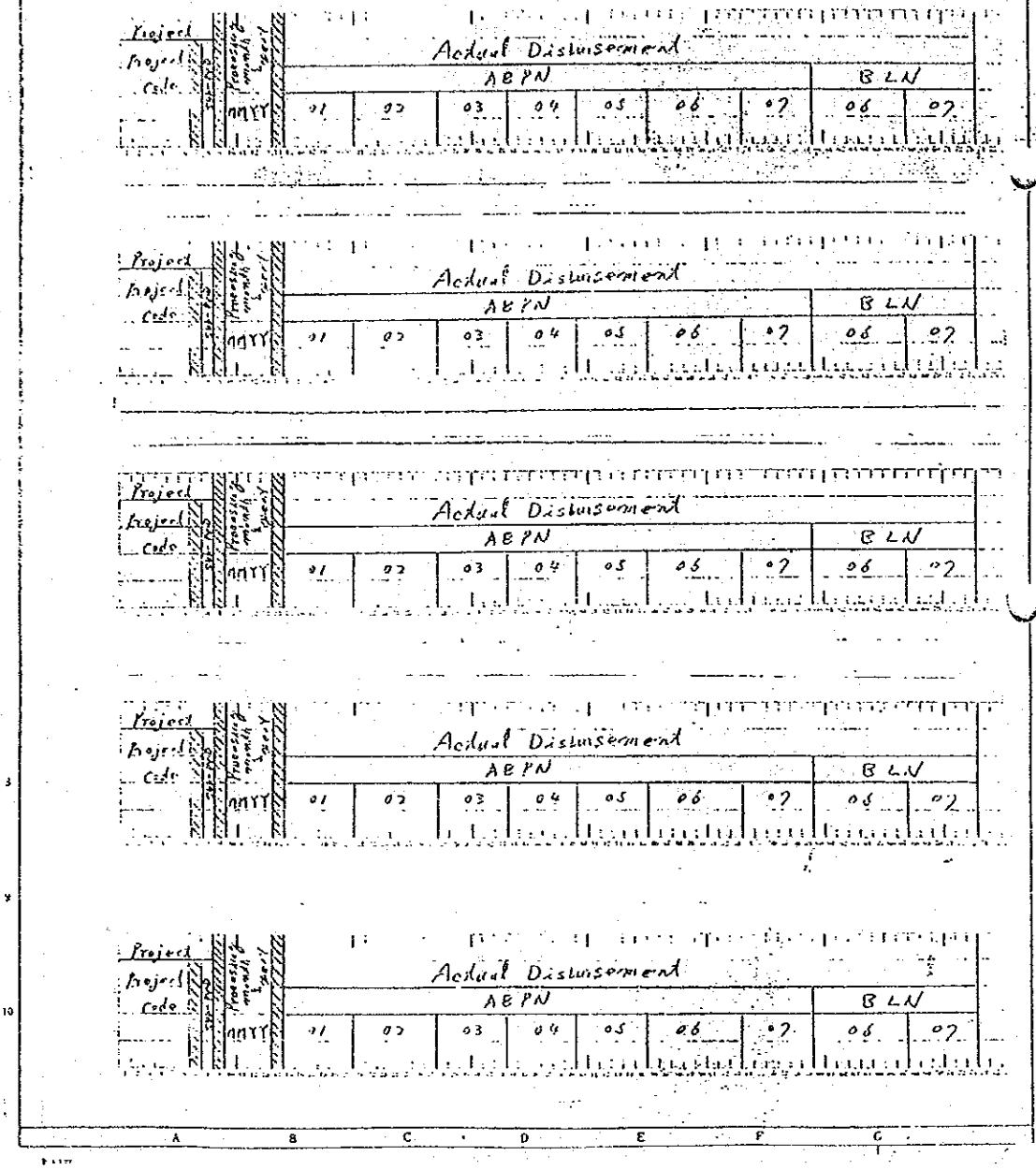
フローチャート


タイトル
年 月 日
版
承認
作図
照合
年 月 日
版
承認
作図
照合
登録番号
参照番号
作成者
A
B
C
D
E
F
G
• Delete sheet (Update code = "0")
Controller
Project
Project code
Controller
Project
Project code
Controller
Project
Project code
Controller
Project
Project code
Controller
Project
Project code

フローチャート



b). Monthly data Sheet:



3.7.2 Explanations how to write the data sheets :

a. Making master file (FPMAST) sheets.

addition sheet (update code = "1").

1. One is the addition update code.

   two is update code.

   zero is the deletion update code.

2. Project code :

   This six digits numeric code identifies the project as taken from the DIP Table of project codes.

3. Sub-project code :

   Enter the phase, if any of the project as follows :

   0 - No phase

   1 - Phase 1

   2 - Phase 2, etc.

   3 - Phase 3

   4 - Phase 4

   5 - Phase 5

   6 - Phase 6

   7 - Phase 7

   8 - Phase 8

   9 - Phase 9

4. Data sequence :

   This is the number consecutively of the activity of master file for every data.

5. Allocated budget - APBN :

   Enter the total allocated budget in thousand rupiah for the year from the APBN budget amounts for the fiscal year for each DIP category.

6. Allocated budget BLN :

Enter the total allocated budget in thousand rupiah for the year from the foreign - aid budget amount for the fiscal year for each DIP category.

7. Disbursements Schedule each month APBN :

Enter the total disbursements schedule in thousand rupiah for each month from the APBN budget amounts for the fiscal year for each DIP category.

8. Disbursements Schedule each month BLN :

Enter the total disbursements schedule in thousand rupiah for each month from the foreign-aid budget amount for the fiscal year for the fiscal year for each DIP category.

9. Project or Sub-Project name :

Enter the name of the project or the Sub-project. If the maximum 40 characters allowed is not sufficient, then make appropriate abbreviations.

10. DOI Unit Code :

This is two digit numeric code identifies the Sub-directorate / Unit within the Directorate of Irrigation responsible for the project.

11. Province code :

This two digit numeric code identifies the provinces where the project is located. The province code is given in the DIP code of the project.

12. Program code :

Enter the program code of the project which is part of the DIP code.

13. Allocated budget :

The budget in the DIP, and consist of APBN & BLN budget amount in thousand rupiah allocated in the DIP.

There are decided by 7 activity of the project in the DIP category :

01 - Salaries and wages.

02 - Land acquisition.

03 - Materials.

04 - Machinery & equipment

05 - Travelling cost

06 - Construction cost

07 - others.

b. Monthly data sheets.

1. Project code.

This six digits numeric code identifies the project as taken from the DIP table of project codes.

2. Sub-project code :

Enter the phase, if any of the project as follows

0 - No Phase

1 - Phase 1

2 - Phase 2

3 - Phase 3

4 - Phase 4

5 - Phase 5

6 - Phase 6

7 - Phase 7

8 - Phase 8

9 - Phase 9

3. Processing year and month (MMYY) :

Enter the lost two digits of the years and two digits of the month in actual time.

(ex) Processing month and year.

DEC, 83 | 1 | 2 | 8 | 3 |

JAN, 84 | 0 | 1 | 8 | 4 |

4. Actual disbursement - APBN :

Enter the total actual disbursement budget in thousand rupiah for the month from the APBN budget amount for the fiscal year of the specific DIP category.

5. Actual disbursement - BLN.

Enter the total actual disbursement budget in thousand rupiah for the month from the foreign - aid budget amount for the fiscal year of the specific DIP category.

6. The activity of the Project (DIP Category)

Enter the total budget of each activity in thousand rupiah.

Example :

a). The total budget Rp 126.900

It must be written Rp 126,900 ——→Rp 127.

| | | | | | |

| | | | 1 | 2 | 7 |

b). The total budget, Rp 126400

It must be written Rp 126,400 ——→ Rp 126.

| | | | | | |

| | | | 1 | 2 | 6 |

3.8 File lay out

3.8.1 File list

No	Name	Explanation
01	FPMAST	Financial Progress System master file
02	FPMOSU	Store Program, maintained data and monthly data
03	FPMT 01	The file is temporary. Store maintained data
04	FPMT 02	The file is temporary. Store maintained data
05	FPMT 03	The file is temporary. It is the same FPMAST file.
06	FPMT 04	The file is temporary. Store monthly data.
07	FPMT 05	The file is temporary. Store monthly data.
08	FPMT 06	The file is Temporary. It is the same FPMAST file.
09	FPMP 07	The file is Permanent. This is the same FPMAST file, but data sequence different.
10	FPMP 08	The file is Permanent. This is the same FPMAST file, but data sequence different.

レコード レイアウト

タイトル	ライブラリー名	ブロッキング・ファクタ	年 月 日	頁	承認	説明	担当
EPMAST file			15 Dec '83				
ファイル名称: EPMAST	レコード・サイズ: (blank)	その他					

フィールド名称									Allocated budget									Disbursement Schedule		
									APEN							ELN.		APRIL		
	DOE CODE	PROVINCE CODE	PROJECT Code: PROJECT	Sub-Pro	FISCAL YEAR	ALLOCATED 3rd YEAR	PROGRAM CODE	CARRY-OVER SIGN										APBN		
シンボル									01	02	03	04	05	06	07	06	07	01	02	03
データ形式																				

フィールド名称	Disbursement Schedule														
	APRIL						MAY								
	APBN				BLN		APBN							BLN	
シンボル	04	05	06	07	06	07	01	02	03	04	05	06	07	06	07
データ形式															

フィールド名称	Disbursement Schedule														
	June									July					
	APBN							BLN		APBN					
シンボル	01	02	03	04	05	06	07	06	07	01	02	03	04	05	06
データ形式															

フィールド名称	Disbursement Schedule														
				AUGUST								SEPTEMBER			
				APBN						BLN		APBN			
シンボル	07	06	07	01	02	03	04	05	06	07	06	07	01	02	03
データ形式															

レコード　レイアウト

タイトル	ファイル名称	ファイルネーム(ID)	ライブラリー名	レコード・サイズ	ブロッキング・ファクタ	その他	年 月 日	版	承認	照閲	担当	作成部分	参照部分	作成者	ページ
FPMAST File		FPMAST													/

フィールド名称	September						October								
	APBN				BLN		APBN							BLN	
シンボル	04	05	06	07	06	07	01	02	03	04	05	06	07	06	07

Disbursement Schedule

フィールド名称	Nopember									Desember					
	APBN									APBN					
シンボル	01	02	03	04	05	06	07	06	07	01	02	03	04	05	06

Disbursement Shedule

フィールド名称				Januari									Februari		
	BLN			APBN							BLN		APBN		
シンボル	07	06	07	01	02	03	04	05	06	07	06	07	01	02	03

フィールド名称	Februari					Maret								
	APBN				BLN	APBN							BLN	
シンボル	04	05	06	07	06	01	02	03	04	05	06	07	06	07

レコード　レイアウト

タイトル	ジッツウケー名	ブロッキング・ファクタ	年 月 日					仕様書番号
FPMAST FILE								要類番号
ファイル名称	ファイルネーム(ID) FPMAST	レコード・サイズ	その他					作成者

フィールド	Actual Disbursement														
名称	April									May					
フィールド	APBN							BLN		APBN					
シンボル	01	02	03	04	05	06	07	06	07	01	02	03	04	05	06
データ形式															

フィールド	Actual Disbursement														
名称				June									July		
フィールド		BLN									BLN		APBN		
シンボル	07	06	07	01	02	03	04	05	06	07	06		01	02	03
データ形式															

フィールド	Actual Disbursement														
名称	July						AUGUST								
フィールド	APBN			BLN			APBN							BLN	
シンボル	04	05	06	07	06	07	01	02	03	04	05	06	07	06	07
データ形式															

フィールド	Actual Disbursement														
名称	September									October					
フィールド	APBN							BLN		APBN					
シンボル	01	02	03	04	05	06	07	06	07	01	02	03	04	05	06
データ形式															

レコード　レイアウト

タイトル	ライブラリー名	ブロッキング・ファクタ	年　月　日	版	登録番号
FPMAST File					参照番号
ファイル名称 / ファイルネーム(ID) FPMAST	レコード・サイズ CH	その他			作成者

ページ 1

フィールド名称	Actual Disbursement														
		November											Desember		
		BLN		APBN							BLN		APBN		
シンボル	07	06	07	01	02	03	04	05	06	07	06	07	01	02	03
データ形式															

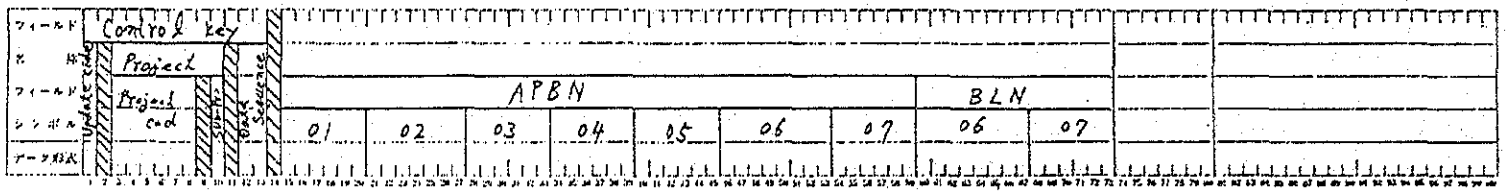
フィールド名称	Actual Disbursement														
	Desember						Januari								
	APBN				BLN		APBN							BLN	
シンボル	04	05	06	07	06	07	01	02	03	04	05	06	07	06	07
データ形式															

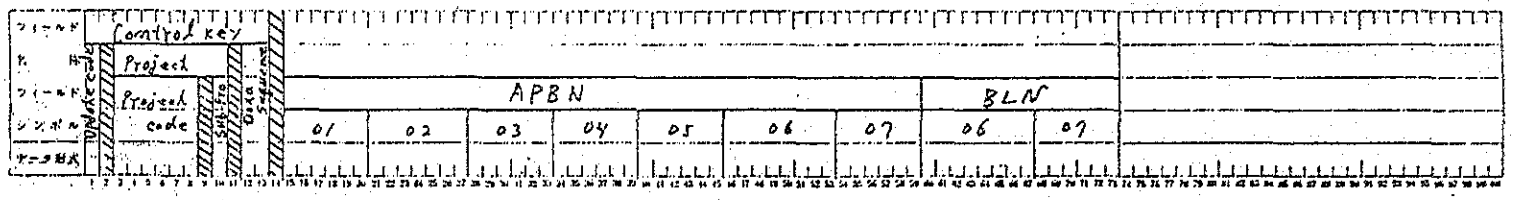
フィールド名称	Actual Disbursement															
	Februari									Maret						
	APBN							BLN		APBN						
シンボル	01	02	03	04	05	06	07	06	07	01	02	03	04	05	06	
データ形式																

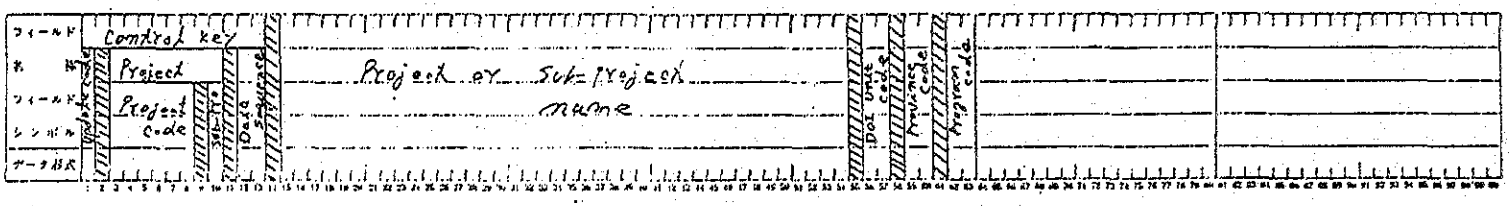
フィールド名称				Up To Last Year Actual Disbursement									
	Maret												
		BLN		APBN							BLN		
シンボル	07	06	07	01	02	03	04	05	06	07	06	07	
データ形式													

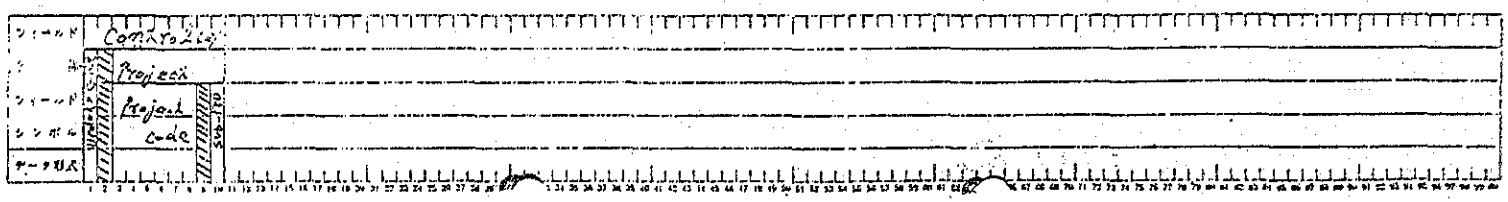
レコード レイアウト

タイトル	ライブラリー名	プログラミング・ツール	作成日	版	承認	照合	担当
Input data of making master-file			19.DEC 83	2			
ファイル名称	ファイル・ネーム(DD)	レコード・サイズ 80 CH	その他				









レコード　レイアウト

タイトル	ライブラリー名	プログラム・ファイル						ページ 1
Monthly data								登録番号 EPMS
ファイル名称 / ファイルネーム(ID)	レコード・サイズ 80 cm	その他	14.DEC.83	3				参照番号
								作成者 [illegible]

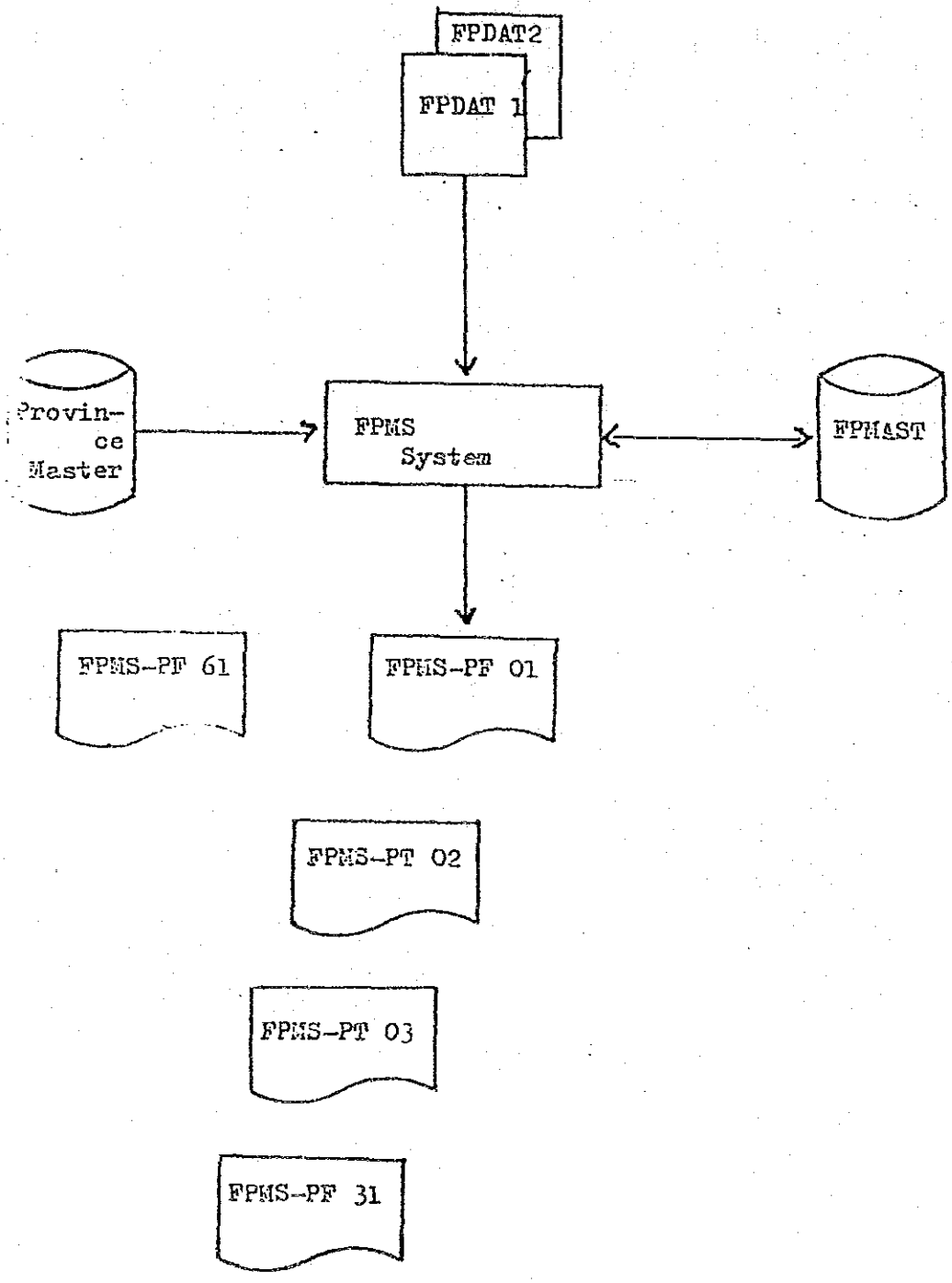
フィールド	Project		Processing month & year	Actual Disbursement								
名称	Project Code											
フィールド				ABPN							BLN	
シンボル			MMYY	01	02	03	04	05	06	07	06	07
データ形式												

フィールド	
名称	
フィールド	
シンボル	
データ形式	

フィールド	
名称	
フィールド	
シンボル	
データ形式	

フィールド	
名称	
フィールド	
シンボル	
データ形式	

3.9 General flow chart



Explanation

a). The FPMAST file is maintained by the FPDAT 1 data
(deleted additional update).

b). The FPMAST file is update every month by the FPDAT 2 data.
The FPDAT 2 data is monthly data of financial progress.

c). This system output 5 reports.

. FPMS - PF 01
Monthly project financial status summary.

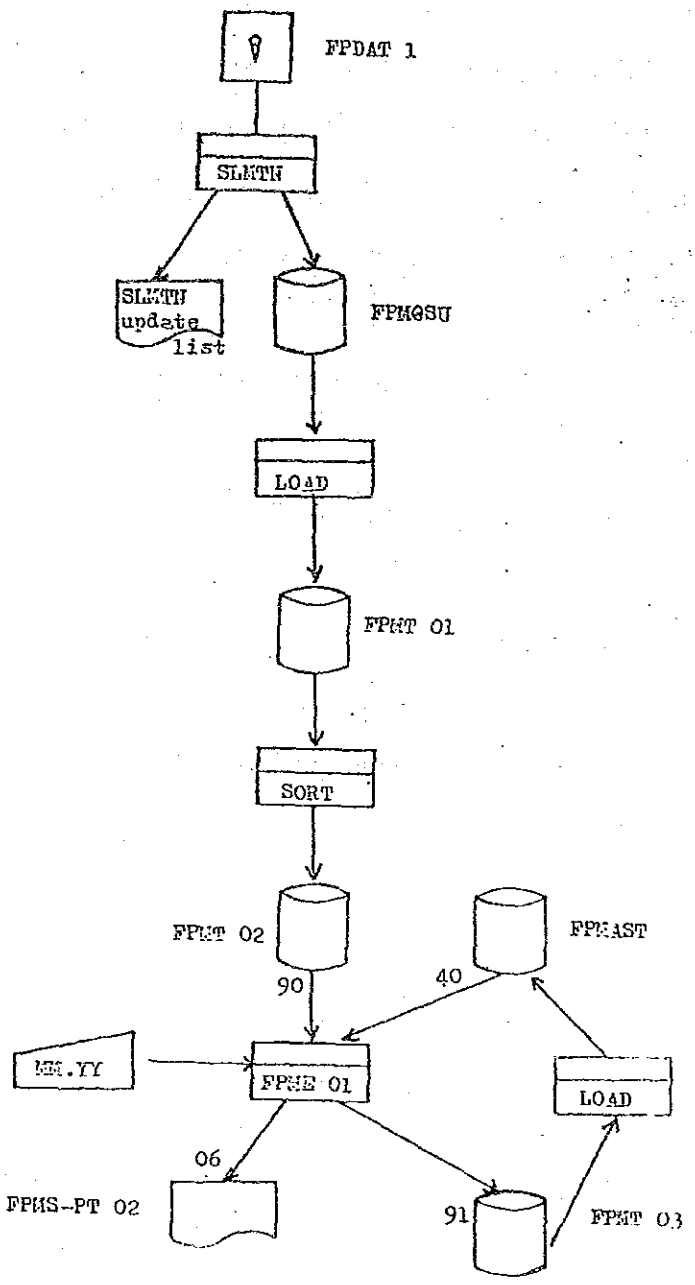
. FPMS - PT 02
Output for checking of master file.

. FPMS - PT 03
Output for checking of monthly data.

. FPMS - PF 31
Quarterly project financial status summary.

. FPMS - PF 61
Annual project financial status summary.

3.9.1 Making the FPMAST file flow chart.



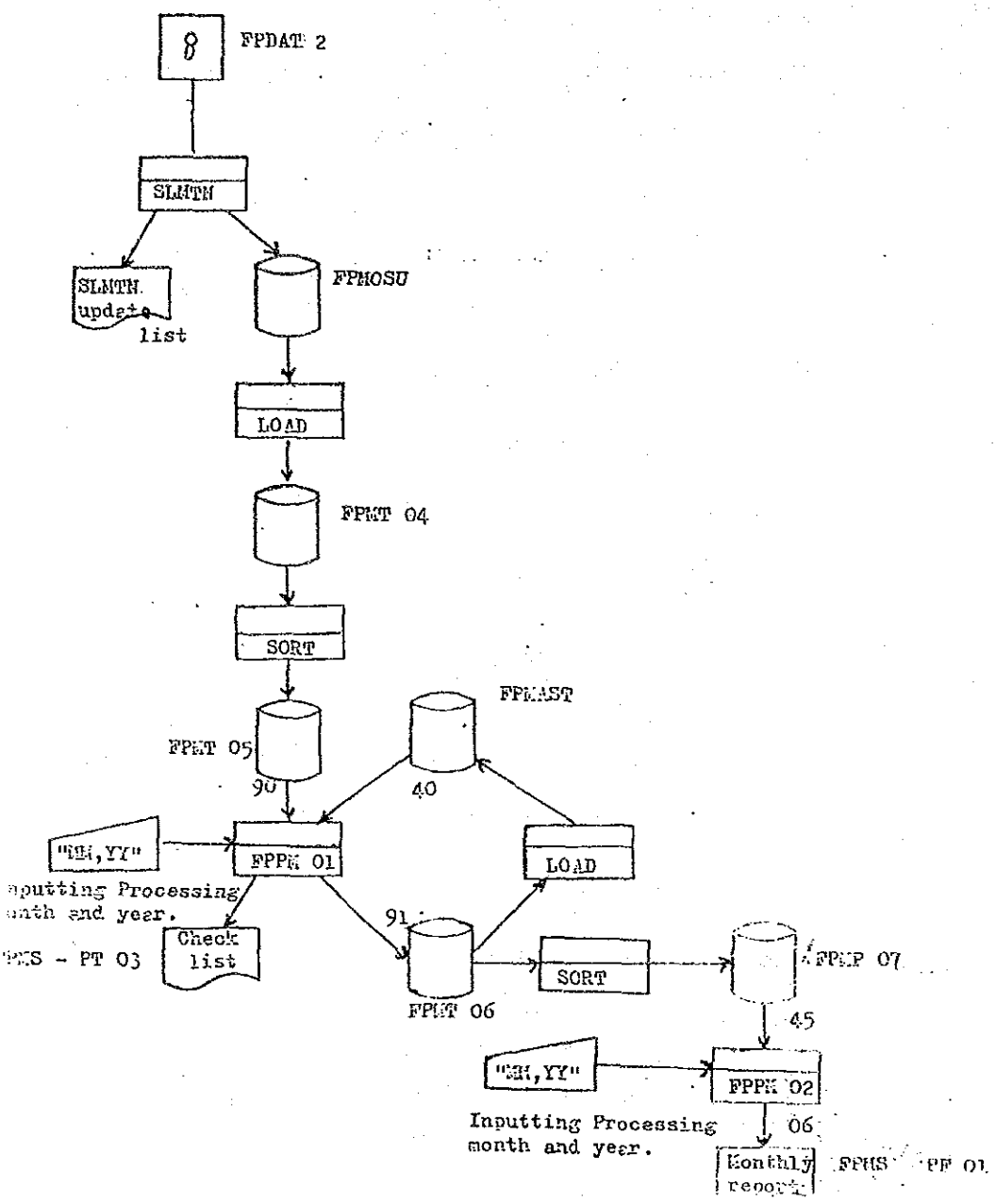
Explanation

SLMTN	Using utility of SLMTN. The function are outputting report, updating data. . Additional . Deleted . Up date
LOAD	Using utility of SLMTN Making the FPMT 01 file.
SORT	Using utility of SORT. SORT KEY . Update code . Project code . Sub-Project code . Data sequence
FPME 01	FPMAST file is maintained by FPMT 02 data. Output of the FPMS - PT 02 report. Making FPMT 03 file.
LOAD	Using utility of FILMTN. Making New FPMAST file.

3q.2.

4.2.2. Processing FPMS system flow chart

a). Monthly processing flow chart.



Explanation

SLMTH — Using utility of SLMTH.

The function are outputting report, updating data.

- Additional
- Deleted
- Update.

LOAD — Using utility of SORT.

SORT — SORT KEY

- Project code
- Sub-Project code
- Processing month and year.

FPPM 01 — Inputting are processing month and year.

Selected data of FPMAST file by the data.

Update FPMAST file by data of the FPMT 05 file and make FPMT 06 file.

Output FPMS - PT 03 list.

LOAD — Using utility of FILMTH.

Making New FPMAST file.

FPPM 02 — Inputting are processing month and year.

Selected data of FPMP 07 file by the data.

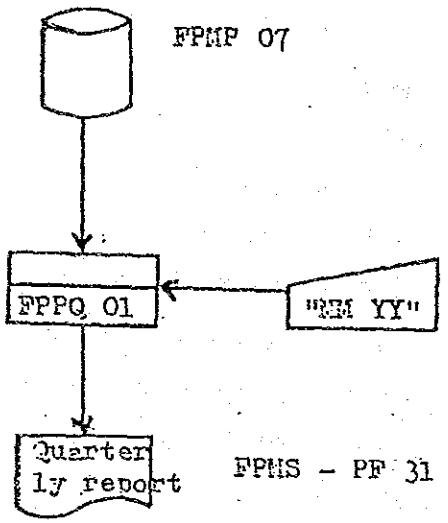
Output FPMS - PF 01 report.

SORT — Using utility of SORT.

SORT KEY

- DOI Unit code
- Province code
- Project code
- Sub-Project code
- Fiscal year.

b). Quarterly Processing flow chart.



Inputting Processing
for month and year.

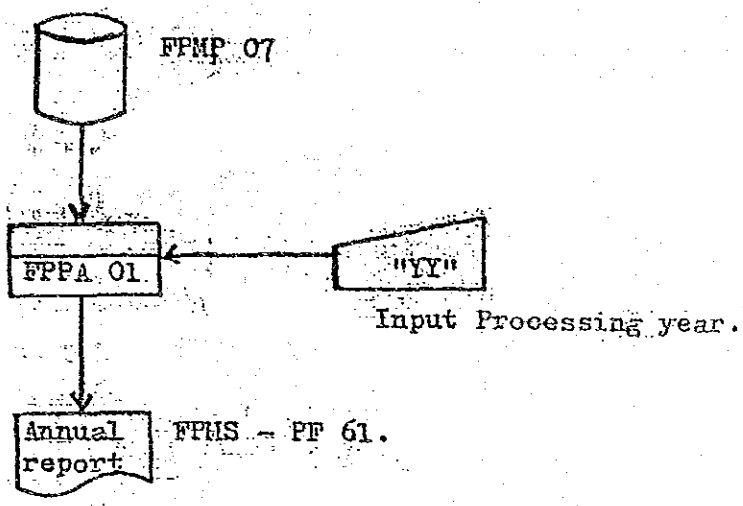
Explanation

FPPQ 01 Inputting Processing for month and year.

Selected data of FPMP 07 file by the date.

Output FPMS - PF 31 report.

c). Annual Processing flow chart.

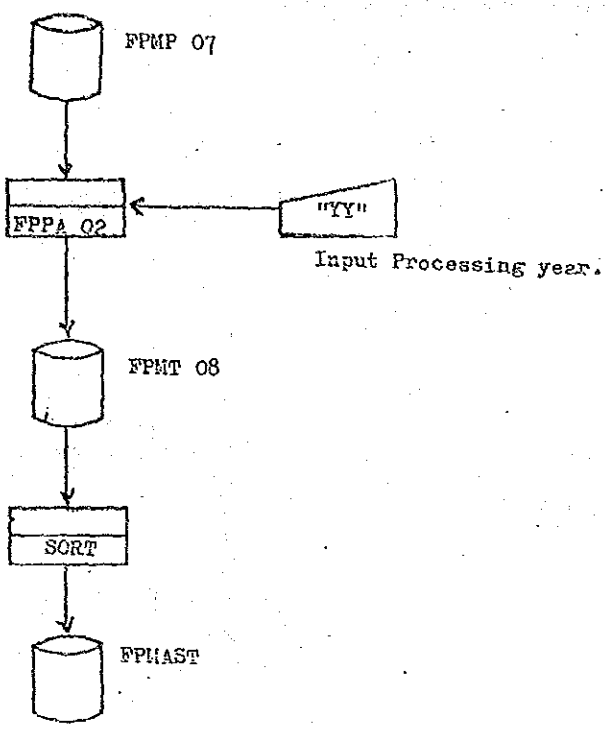


Explanation

FPPA 01 Input Processing year.

All data output FPMS - PF 61 report.

d). Carry Over Processing.



Explanation

FPPA 02 The program checking this year schedule and if the data not finish it, the Program make next year management data by carry over budget.

SORT SORT KEY.

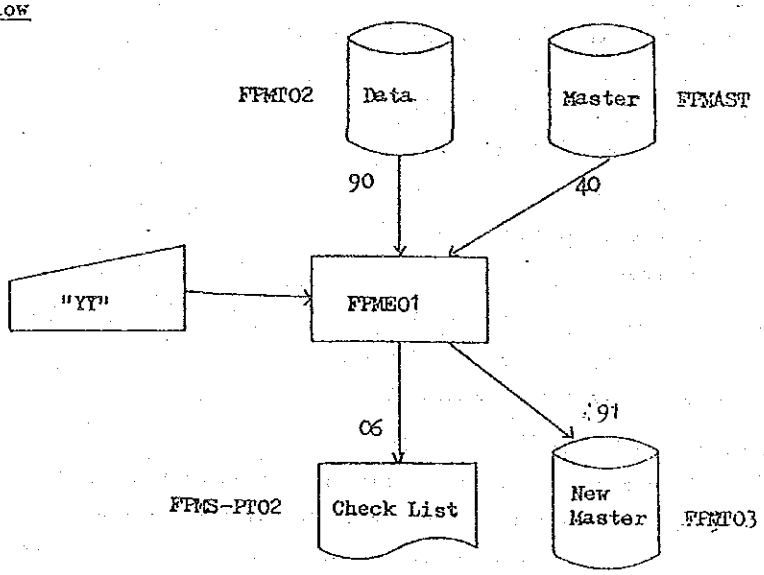
- Project code
- Sub-Project code.
- Allocated budget year.
- Fiscal year.

FPMS

Program Description

Name of System	FPMS
Name of Program	FPME01
Function of Program	The Program is Maintained of the FPMAST File
Date of Production	
Hardware	NEC ACOS - 250
Operating System	ACOS - 2
Programming Language	FORTRAN
Produced by	S. Oku

Flow



Explanation

This progam (FPMEO1) intends update for FPMAST master file.
The function of program has 3 kinds.

*) Addition
Have now record addition to master file.

*) Update
Change item of master file for item of update file.

*) Deleted
Delete data of master file by key of update file.

(1) Read the update file.
The file has 3 kinds data.
Update code = "0"
This is deleted record.
The record read one time.

Update code = "1"
This is addition record. The record read 14 times.

Update code = "2"
This is update record. The record read one time.
If the end of the file move all "9" to key item.

(3) Compare master key with update key.
*) Master key = Update key.

Master key = All "9"
Doing end process.
This program end.

Update code (updatefile) = "0"
Write the update data to printer.
Return to read the update file.

Update code (update file) = "2"
Replace the item of the master file with the item of the update file.
Write the update data and the master data to printer.
Read the update dta and return to compare master key with update key.

Update key (update file) = "1"
The data is error.
Write error message with the update data to printer.
Read the update data and return to compare master key with update key.

*) Master key update key

Copy the master file.

Return to read the master file.

r

*) Master key update key

Update code (update file) = "1"

Making now record of the master file by the data of the update file.

Write the update data to printer.

Read the update data and to return to compare master key with update key.

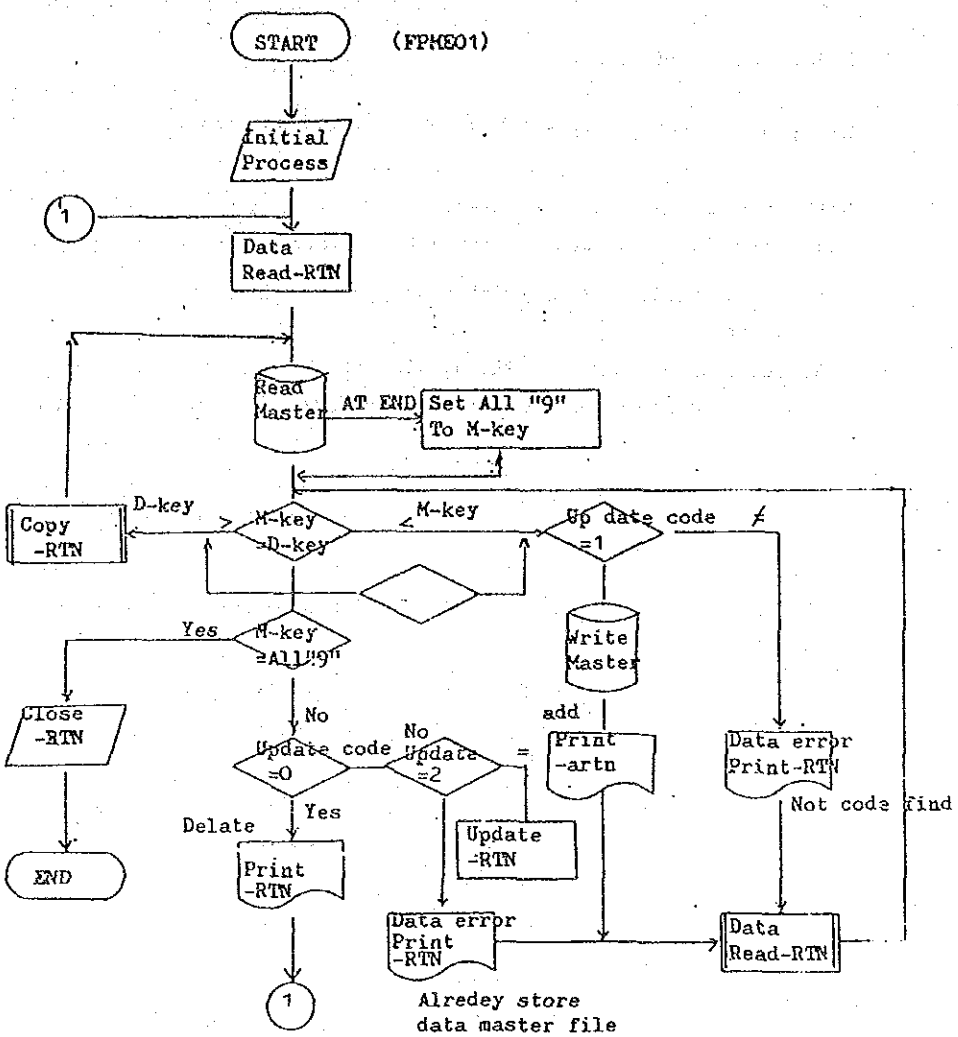
Update code (update file) ≠ "1"

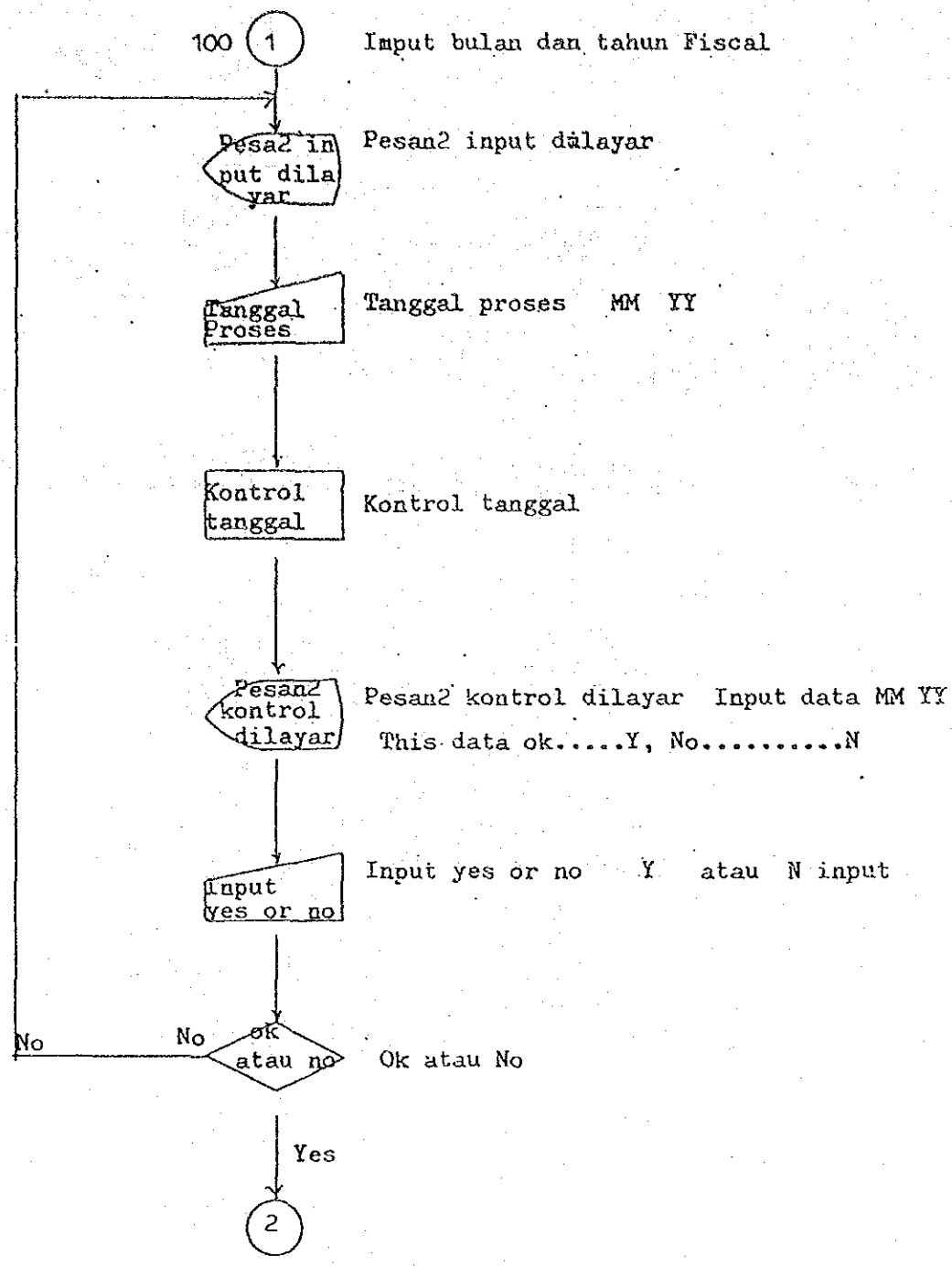
The data is error.

Write erroe message with the update data to printer.

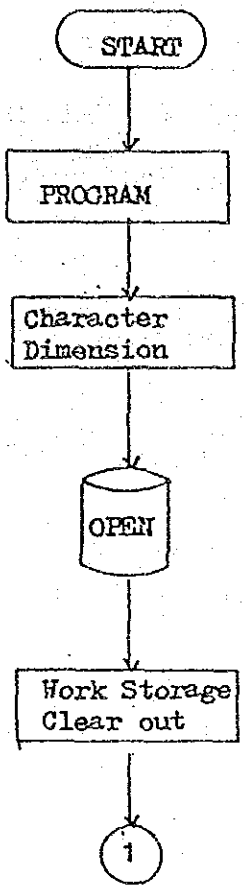
Read the update data and return to compare master key with update key.

Block Flowchart




100
1
Imput bulan dan tahun Fiscal
Pesa2 input dilayar
Pesan2 input dilayar
Tanggal Proses
Tanggal proses MM YY
Kontrol tanggal
Kontrol tanggal
Pesan2 kontrol dilayar
Pesan2 kontrol dilayar Input data MM YY
This data ok.....Y, No.....N
Input yes or no
Input yes or no Y atau N input
ok atau no
No
No
Ok atau No
Yes
2

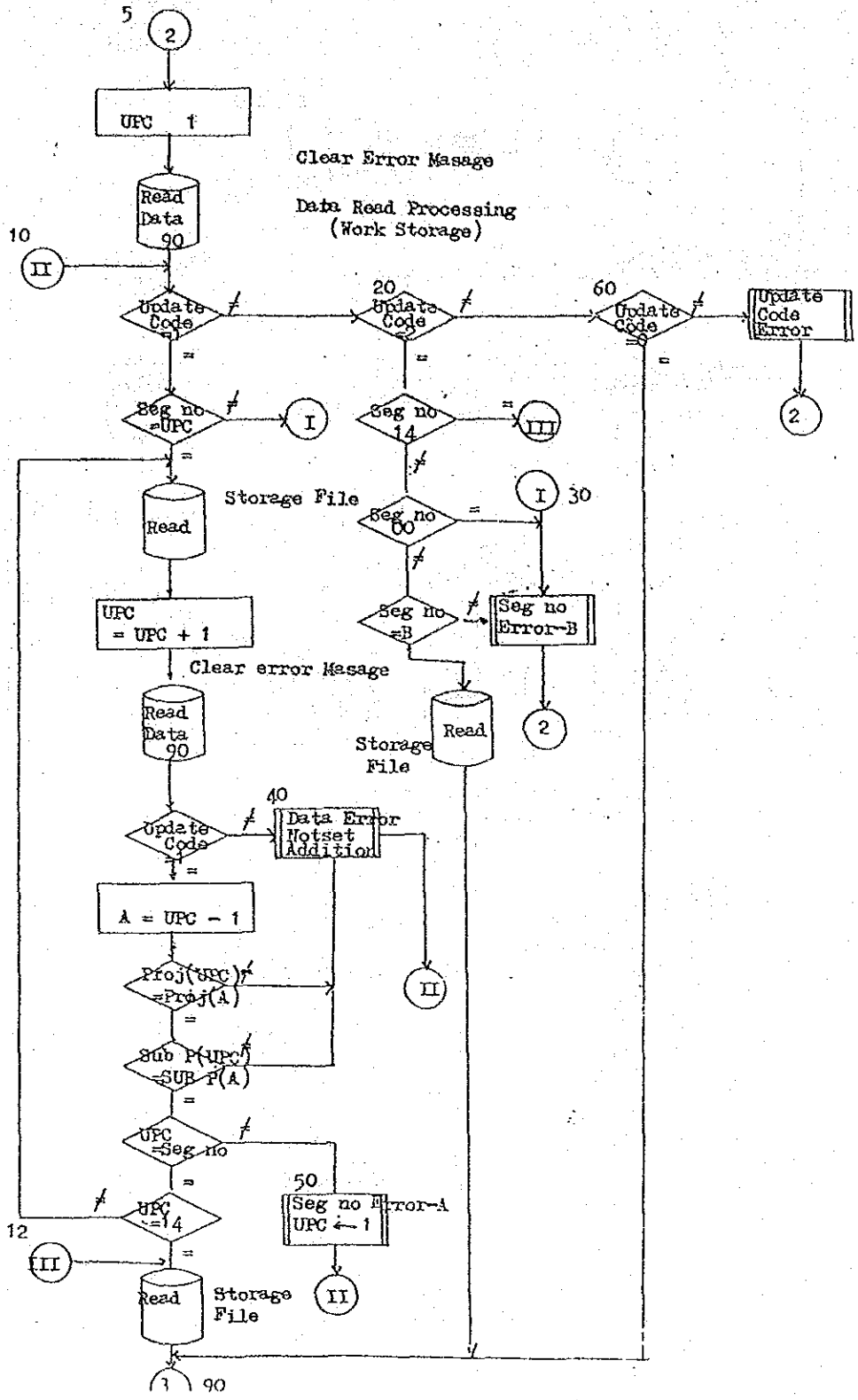
FPMS

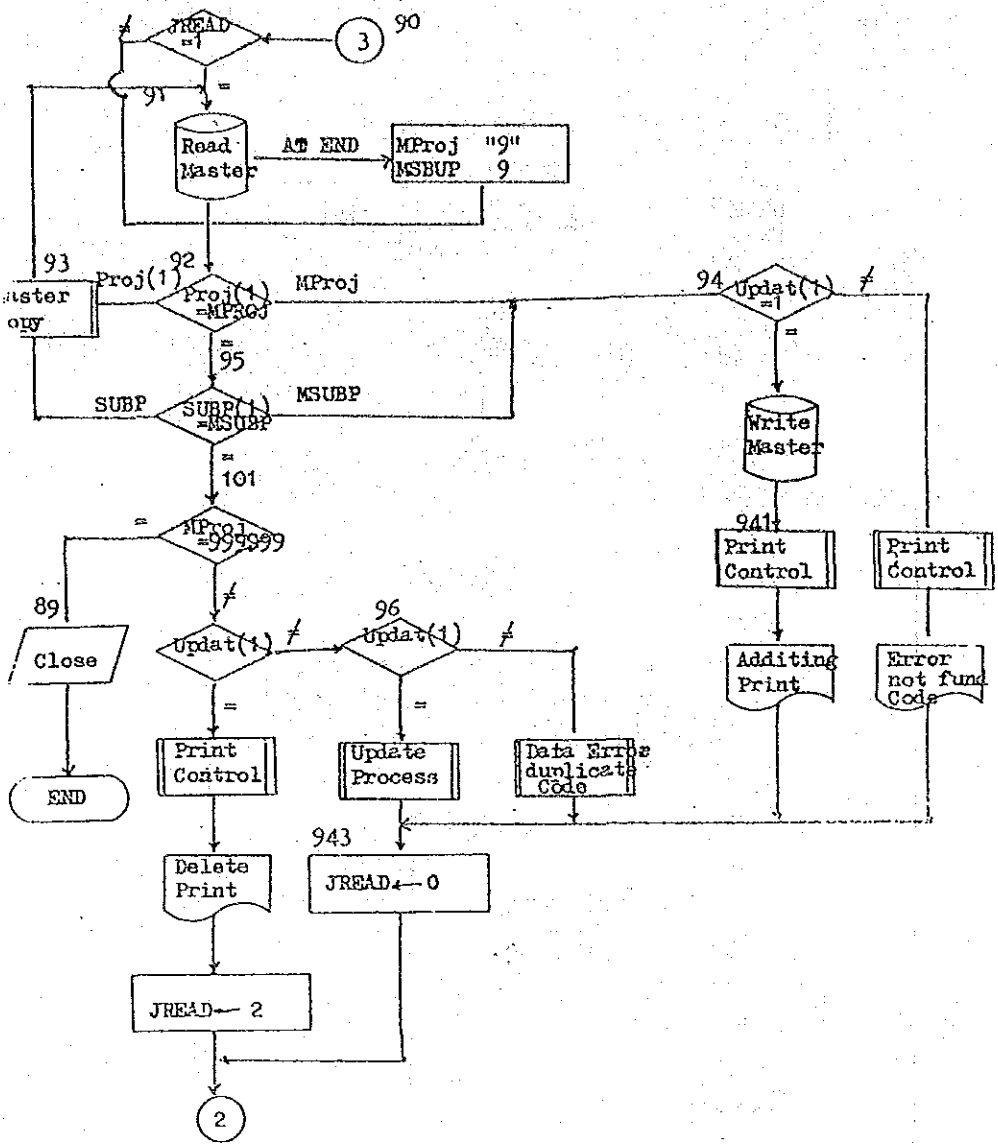


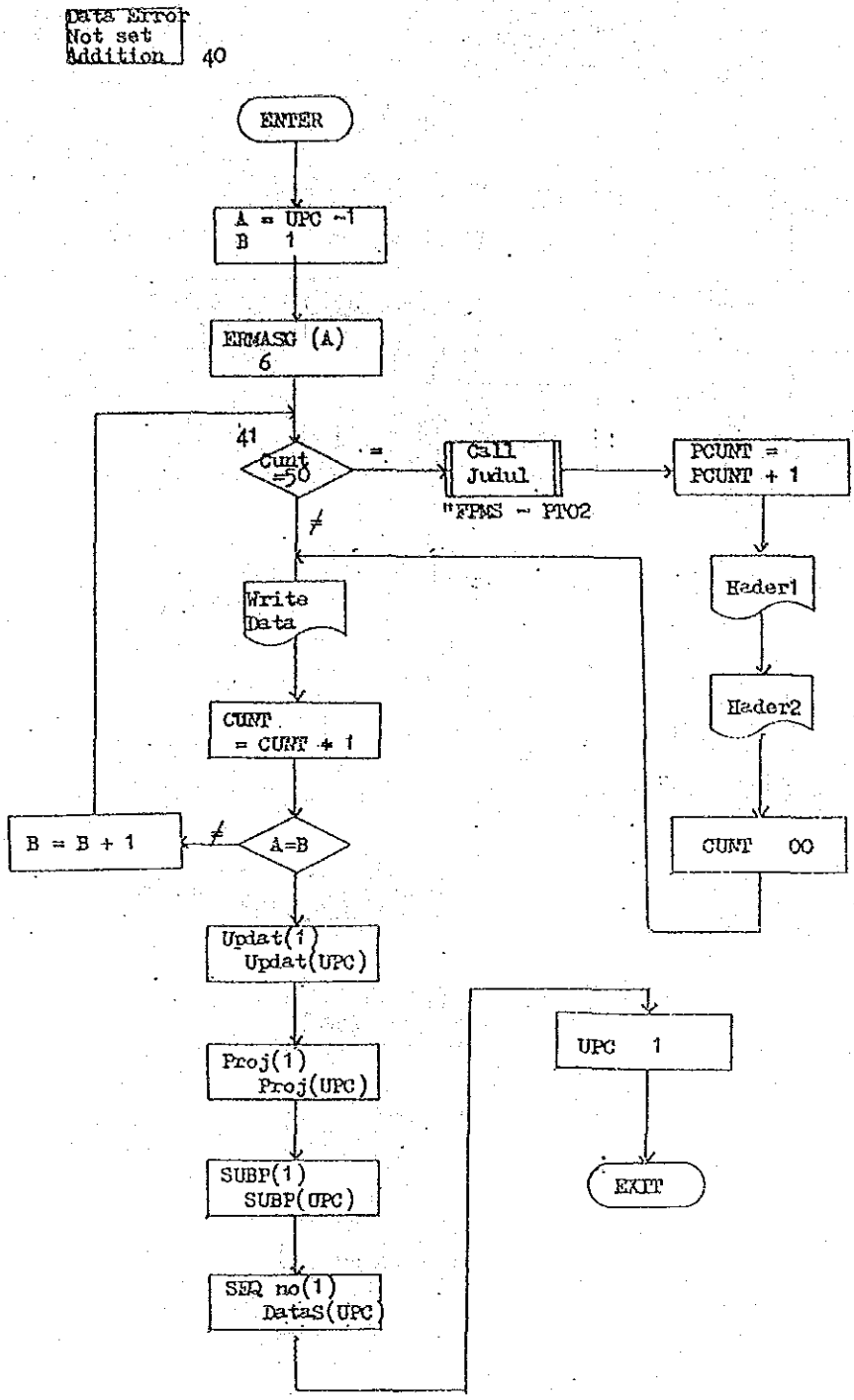
"FPME01"

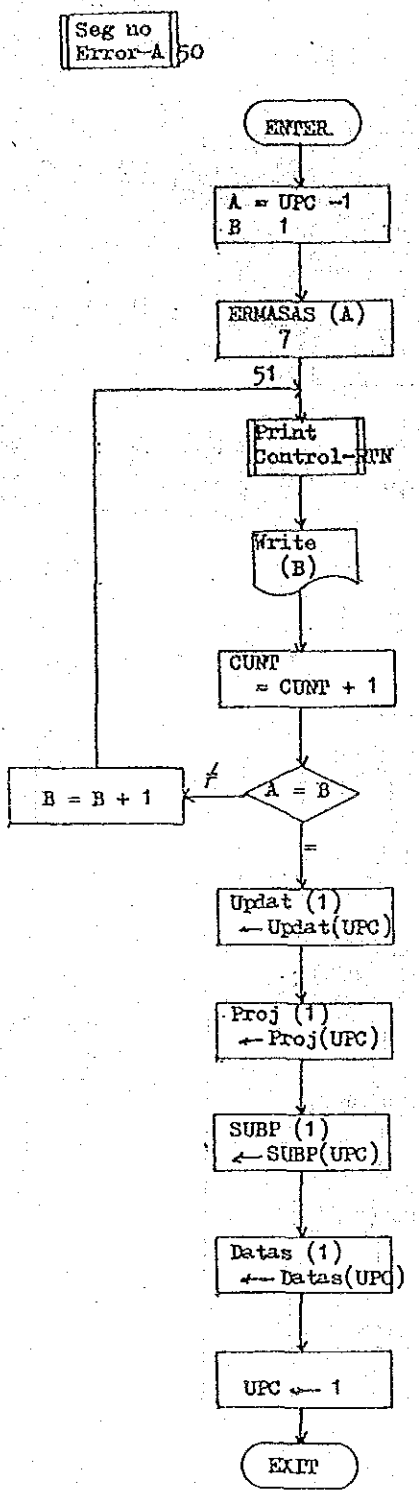
File Floppy, disk storage

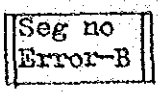
FPMT02 file (90)
FPMAST file (40)
FPMT03 file (91)

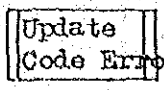

5
2
UPC 1
Clear Error Masage
Read Data 90
Data Read Processing (Work Storage)
10
II
Update Code =1
20
Update Code =2
60
Update Code =8
Update Code Error
2
Seg no =UPC
I
Seg no 14
III
Storage File
Read
Seg no 00
I
30
UPC = UPC + 1
Seg no =B
Seg no Error-B
Clear error Masage
Read Data 90
Storage File
Read
2
40
Update Code =1
Data Error Notset Addition
A = UPC - 1
II
Proj(UPC) =Proj(A)
Sub P(UPC) =SUB P(A)
UPC =Seg no
50
Seg no Error-A
UPC ← 1
UPC =14
12
III
II
Read
Storage File
3
90

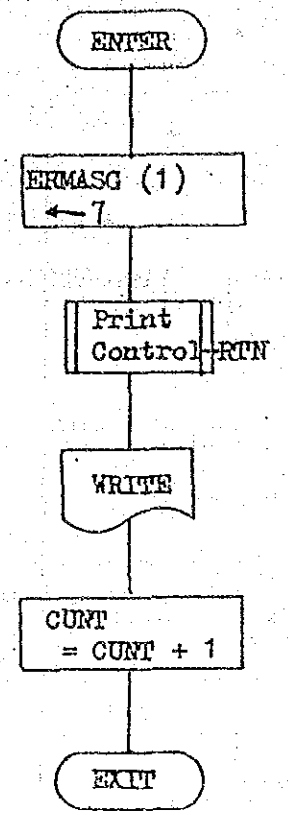

JREAD =1
3
90
91
Read Master
AT END
MProj "9"
MSBUP 9
93
Proj(1)
92
Proj(1) =MPROJ
MProj
94
Updat(1) =1
95
SUBP
SUBP(1) =MSUBP
MSUBP
Write Master
101
MProj =999999
941
Print Control
Print Control
89
Close
Updat(1)
96
Updat(1)
Adding Print
Error not fund Code
Print Control
Update Process
Data Error dunlicate Code
END
943
Delete Print
JREAD← 0
JREAD← 2
2

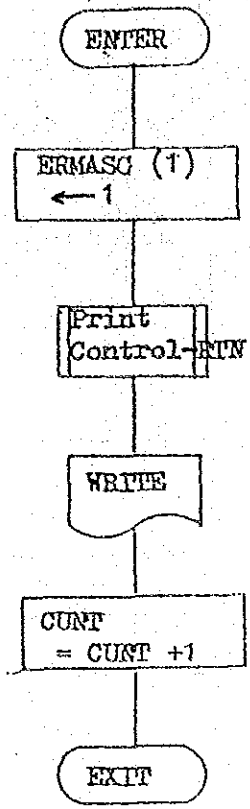

Data Error
Not set
Addition
40
ENTER
A = UPC -1
B 1
ERMASG (A)
6
41
Cunt
=50
=
Call
Judul
"FPMS - PT02
PCUNT =
PCUNT + 1
≠
Write
Data
Hader1
Hader2
CUNT
= CUNT + 1
B = B + 1
≠
A=B
CUNT 00
Updat(1)
Updat(UPC)
Proj(1)
Proj(UPC)
SUBP(1)
SUBP(UPC)
SEQ no(1)
DataS(UPC)
UPC 1
EXIT

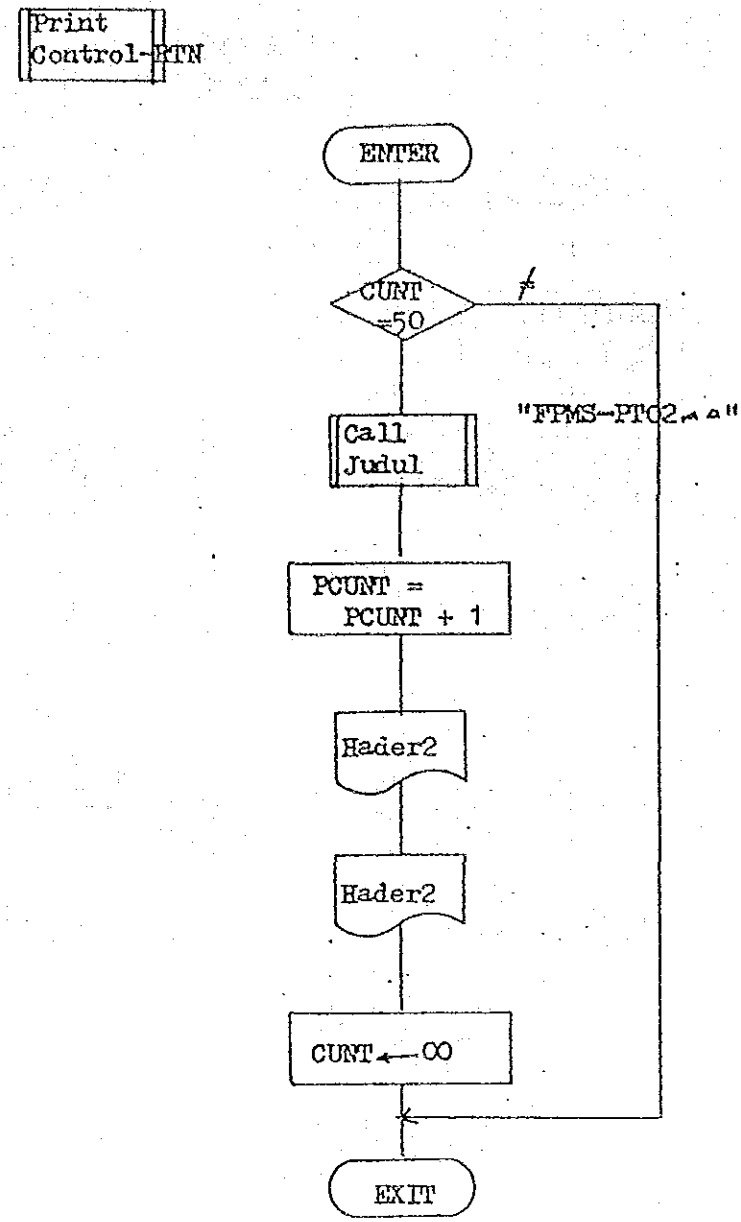

Seg no
Error-A
50
ENTER
A = UPC -1
B 1
ERMASAS (A)
7
51
Print
Control-RTN
Write
(B)
CUNT
= CUNT + 1
A = B
≠
B = B + 1
=
Updat (1)
← Updat(UPC)
Proj (1)
← Proj(UPC)
SUBP (1)
← SUBP(UPC)
Datas (1)
← Datas(UPC)
UPC ← 1
EXIT


Seg no
Error-B


Update
Code Error 60


ENTER
ERMASG (1)
←7
Print
Control-RTN
WRITE
CUNT
= CUNT + 1
EXIT


ENTER
ERMASG (1)
←1
Print
Control-RTN
WRITE
CUNT
= CUNT +1
EXIT

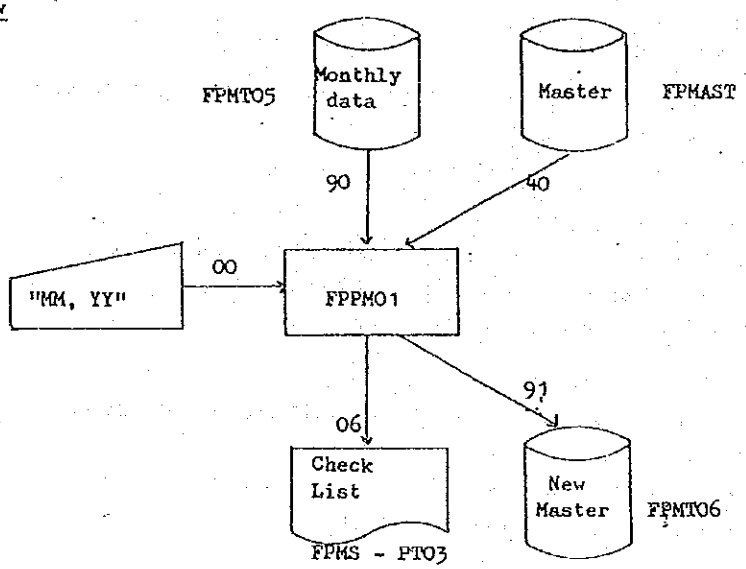

Print
Control-BTN
ENTER
CUNT
=50
≠
"FPMS-PTC2.A"
Call
Judul
PCUNT =
PCUNT + 1
Hader2
Hader2
CUNT ← 00
EXIT

FPMS

PROGRAM DESCRIPTION

Name of System	FPMS
Name of Program	FPPM01
Function of Program	The Program update to the FPMAST file every month by monthly data.
Date of Production	
Hardware	NEC ACOS - 250
Operating System	ACOS - 2
Programming Language	FORTRAN
Produced by	S. Oku

Flow



Explanation

This program (FPPMO1) intends update for FPMAST master file by the monthly data.

(1) Accept the date from console.
Operater input month and yaer

(2) Read the monthly data file.
Checking processing date (month, year) with the date of inpuing from console.

*) Date of the monthly data file
≠ date of inputing from console.

This data is error.
Write error massage with the monthly data to printer.
Return to read the monthly data file.

(3) Read the master file
If the file is the end
Doing end process.
This program is the end.

(4) Compare Processing

*) *Fiscal year of the master file ≠ year of inputing from console.*
The master file copy.
Return to read the master file.

*) Master key = monthly key
The master file is update the data of the monthly file.
Write the data of the monthly to printer.
Return to read monthly data file.

*) Master key = monthly key
The master file is update the data of the monthly file.
Write the master file.
Write the data of the monthly to printer
Return to rea the monthly data file.

*) *Master key > monthly key*
this monthly key is error.
This key have nothing the master file.
Write error masage with the monthly data tp printer.
Doing read the monthly data file process and return to compare processing.

*) Master key monthly key

This errør have nothing the monthly data.

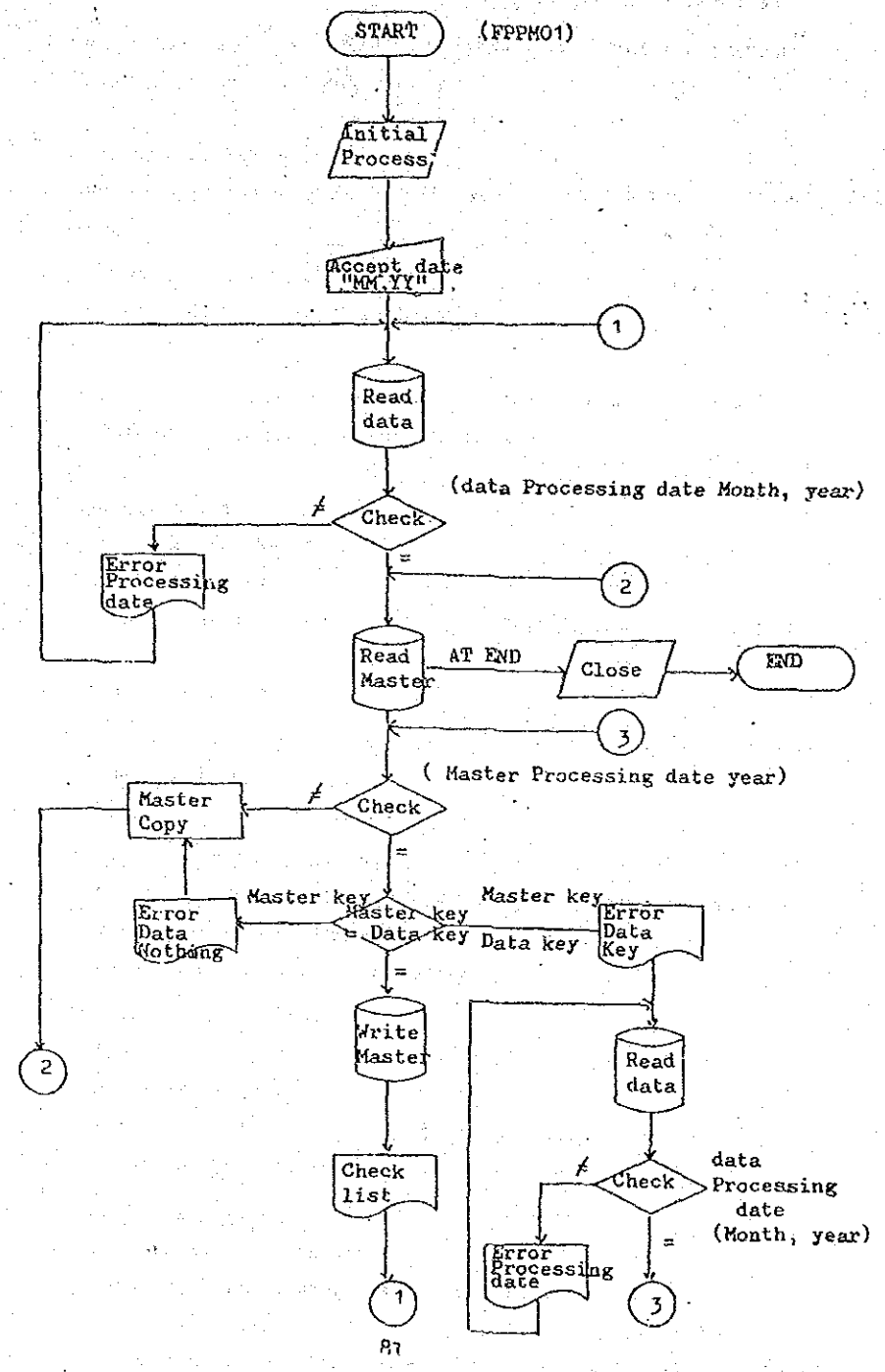
Write error masage with the master data to printer

The master file copy.

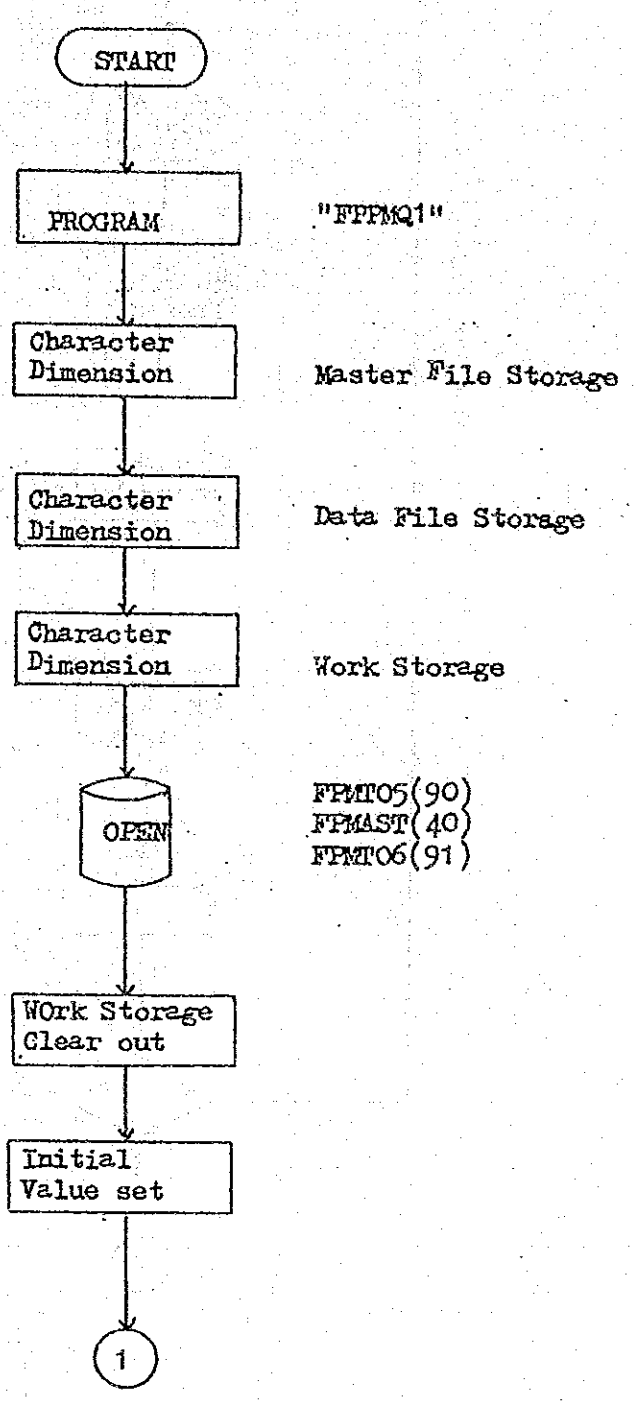
Return to read the master file.

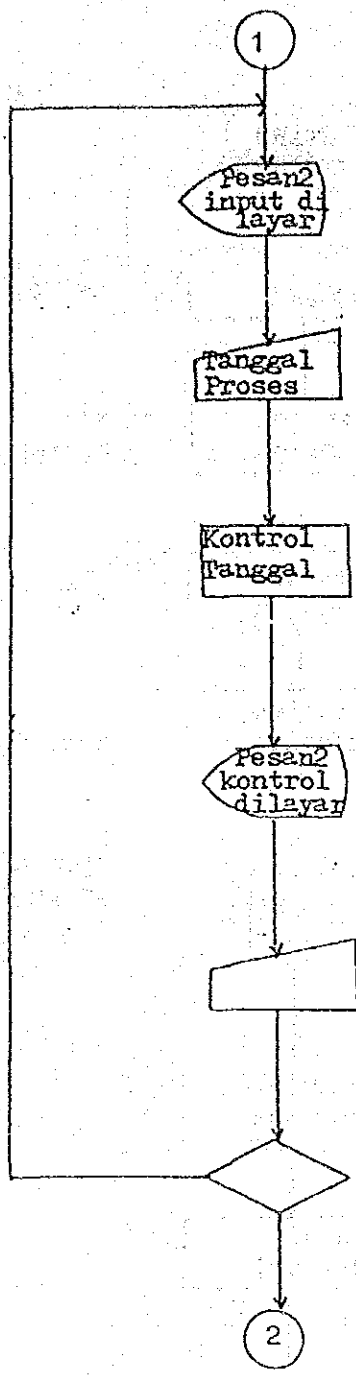
FPMS'

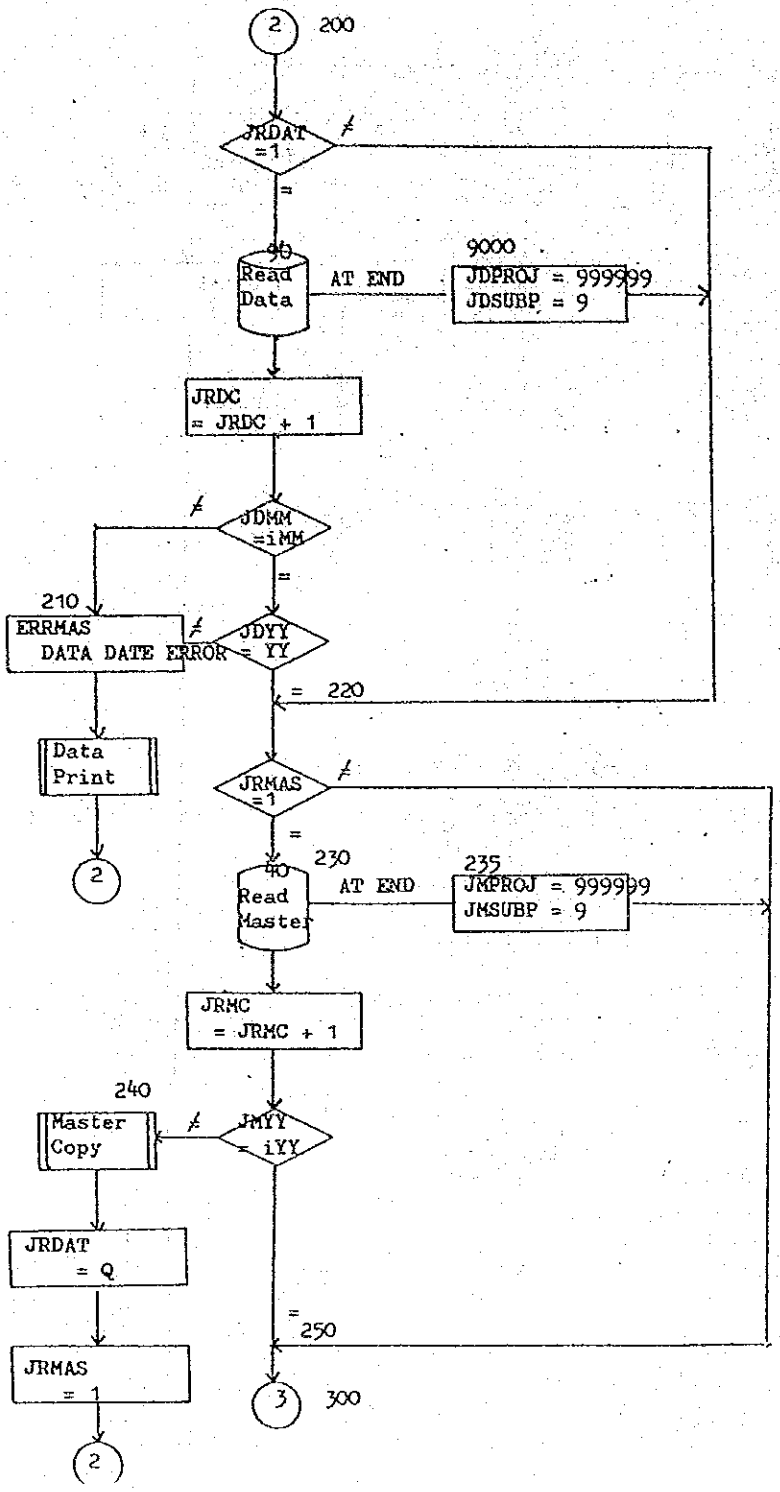
Block Flowchart

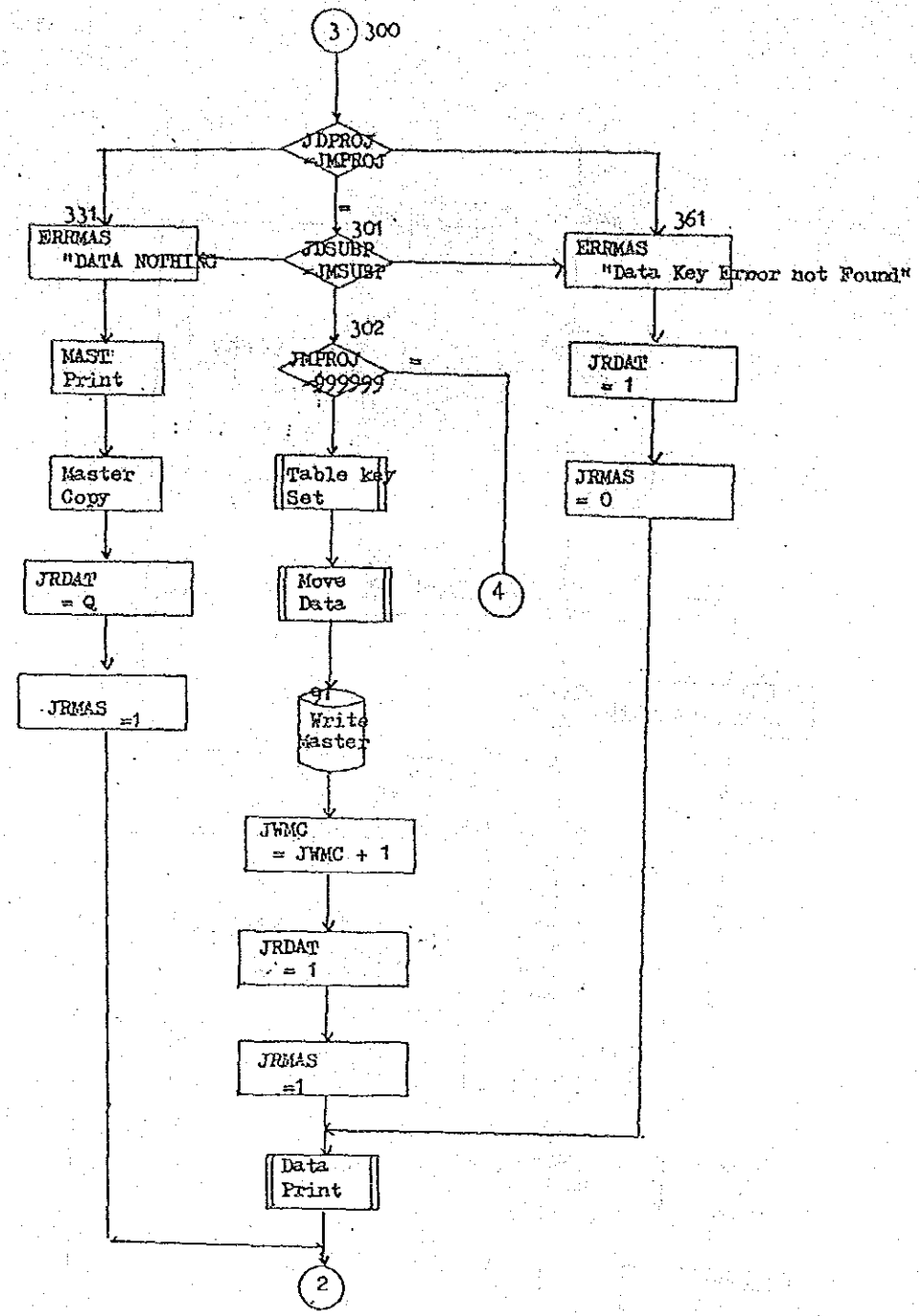


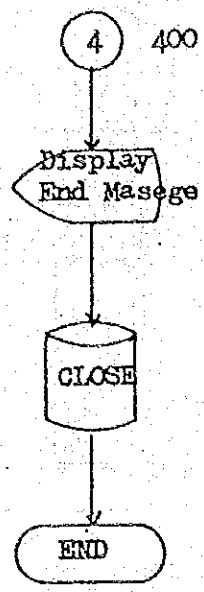
FPMS


START
PROGRAM
"FPPMQ1"
Character
Dimension
Master File Storage
Character
Dimension
Data File Storage
Character
Dimension
Work Storage
OPEN
FPMT05(90)
FPMAST(40)
FPMT06(91)
WOrk Storage
Clear out
Initial
Value set
1

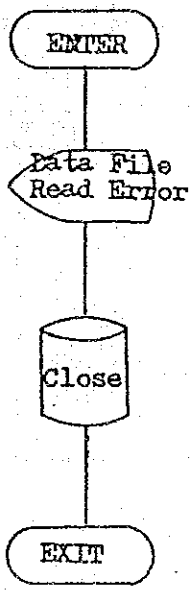

1
Pesan2 input di layar
Tanggal Proses
Kontrol Tanggal
Pesan2 kontrol dilayar
2


2
200
JRDAT =1
≠
=
90
Read Data
AT END
9000
JDPROJ = 999999
JDSUBP = 9
JRDC = JRDC + 1
≠
JDMM =iMM
=
210
ERRMAS DATA DATE ERROR
≠
JDYY = YY
= 220
Data Print
JRMAS =1
≠
=
40
230
Read Master
AT END
235
JMPROJ = 999999
JMSUBP = 9
JRMC = JRMC + 1
240
Master Copy
≠
JMYY = iYY
JRDAT = 0
=
250
JRMAS = 1
3
300
2


3
300
JDPROJ
<JMPROJ
=
331
ERRMAS
"DATA NOTHING"
301
JDSUBR
<JMSUBR
361
ERRMAS
"Data Key Error not Found"
302
JMPROJ
=999999
=
MAST
Print
Master
Copy
JRDAT
= Q
JRMAS
=1
Table key
Set
Move
Data
4
91
Write
Master
JWMC
= JWMC + 1
JRDAT
= 1
JRMAS
=1
JRDAT
= 1
JRMAS
= 0
Data
Print
2



Data Read Error



Master Read Error

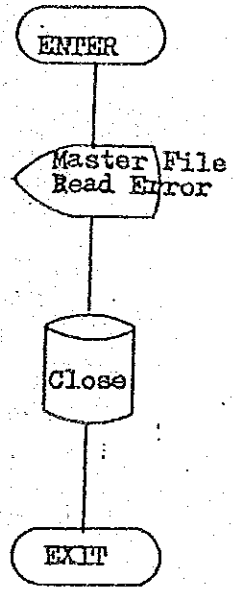
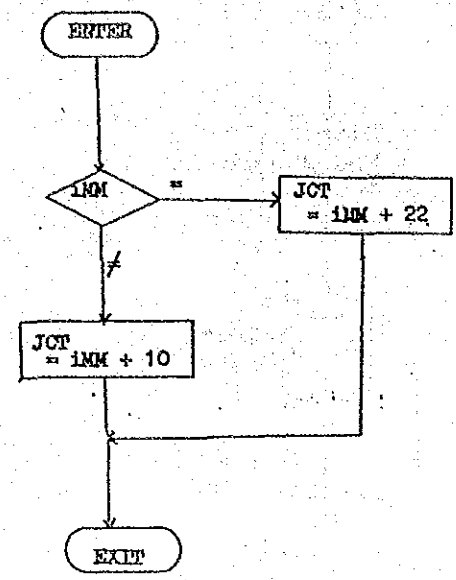
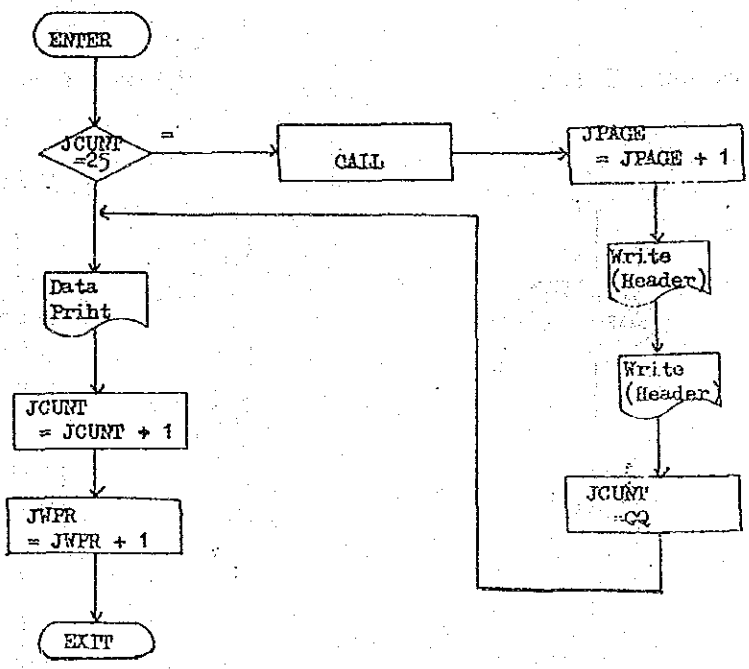


TABLE KEY SET



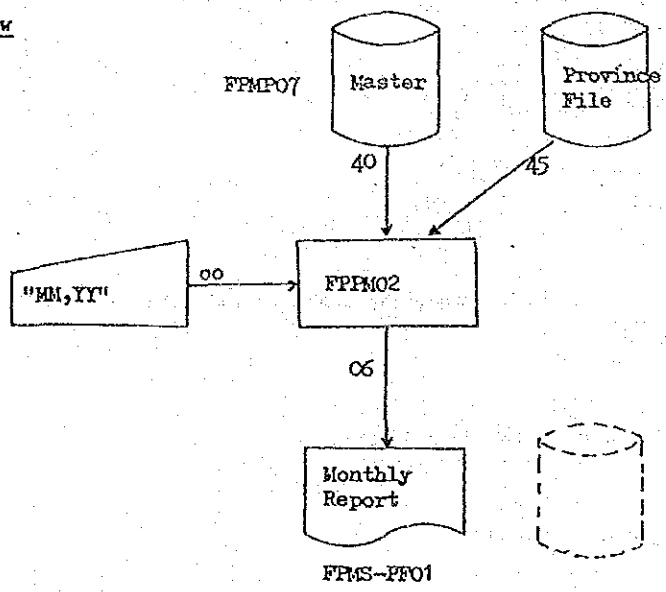
DATA PRINT



PROGRAM DESCRIPTION

Name of System	FPMS
Name of Program	FPPM02
Function of Program	This Program make monthly report. The name of report is FPMS-PF01
Date of Production	
Hardware	NEC ACOS-250
Operating System	ACOS-2
Programming Language	FORTRAN
Produced by	S. Oku

Flow



EXPLANATION

This program (FPFM02) intends output for monthly report.

(1) Accept the date from console.
Operater input month and year.

(2) Read the master file
if the file is the end, doing end process and this program is the end

(3) Compare Processing

a) Fiscal year of master file ≠ year of inputing from console.
Return to read the master file.

b) New DOI code ≠ old DOI code
Write province total and DOI unit total to printer.
Set the new header.
Goto totalige data.

c) New province code ≠ old province code
Write province total to printer.
Set the new header.
Go to totalige data

d) New project code ≠ old project code
Set the new header.

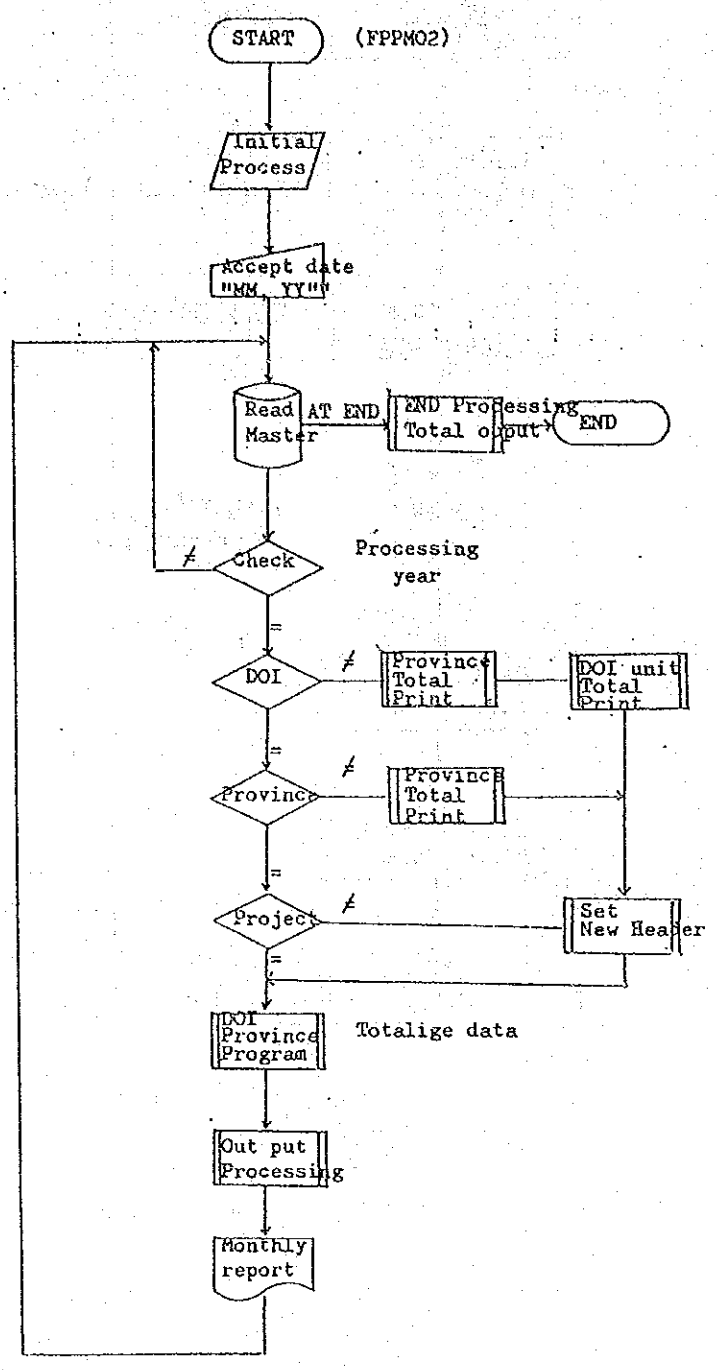
(4) Totalige data
The master data addition to DOI storage, province storage, program storage, all totalige storage.

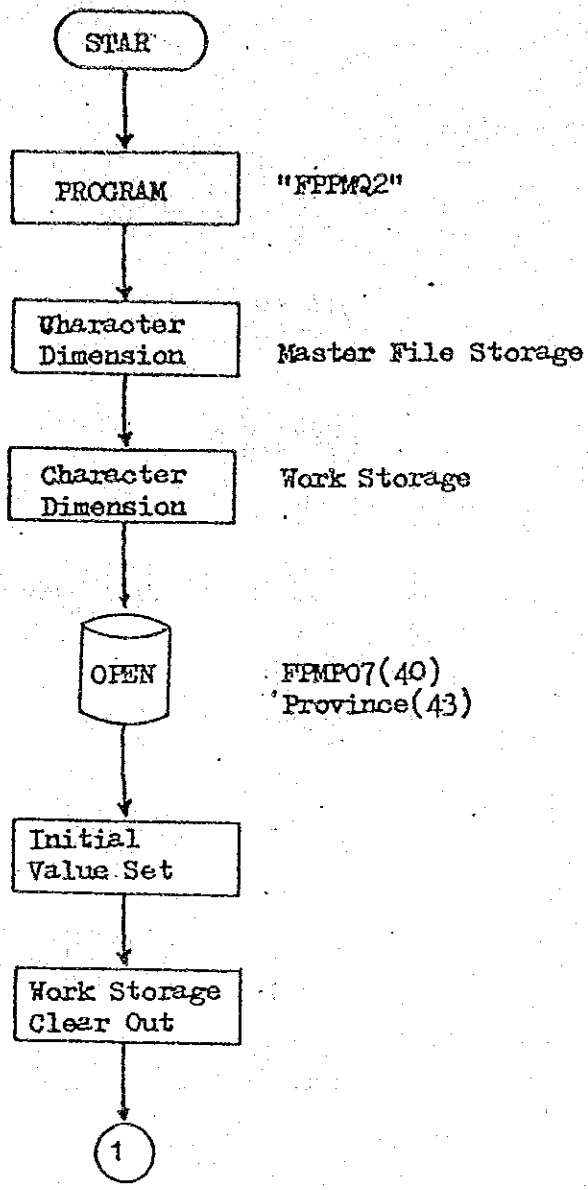
(5) Output Processing
Set monthly report data to output storage.

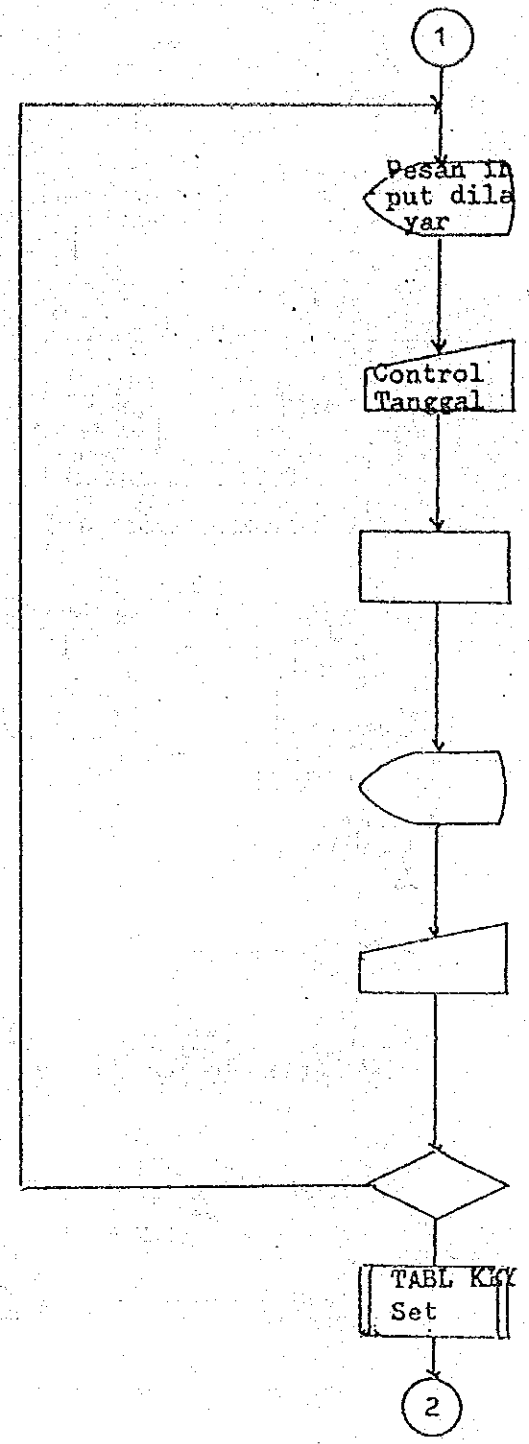
(6) Monthly report print
Write monthly report to printer

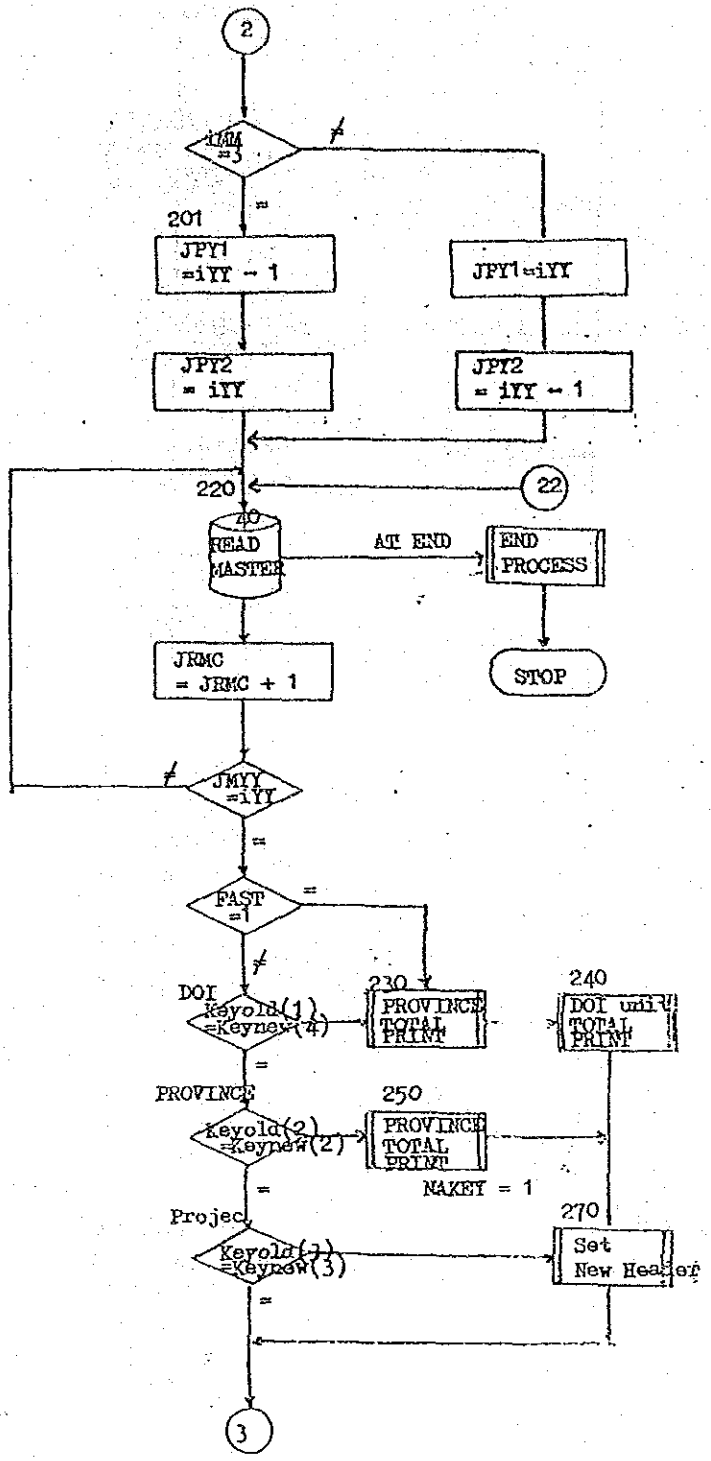
FPMS

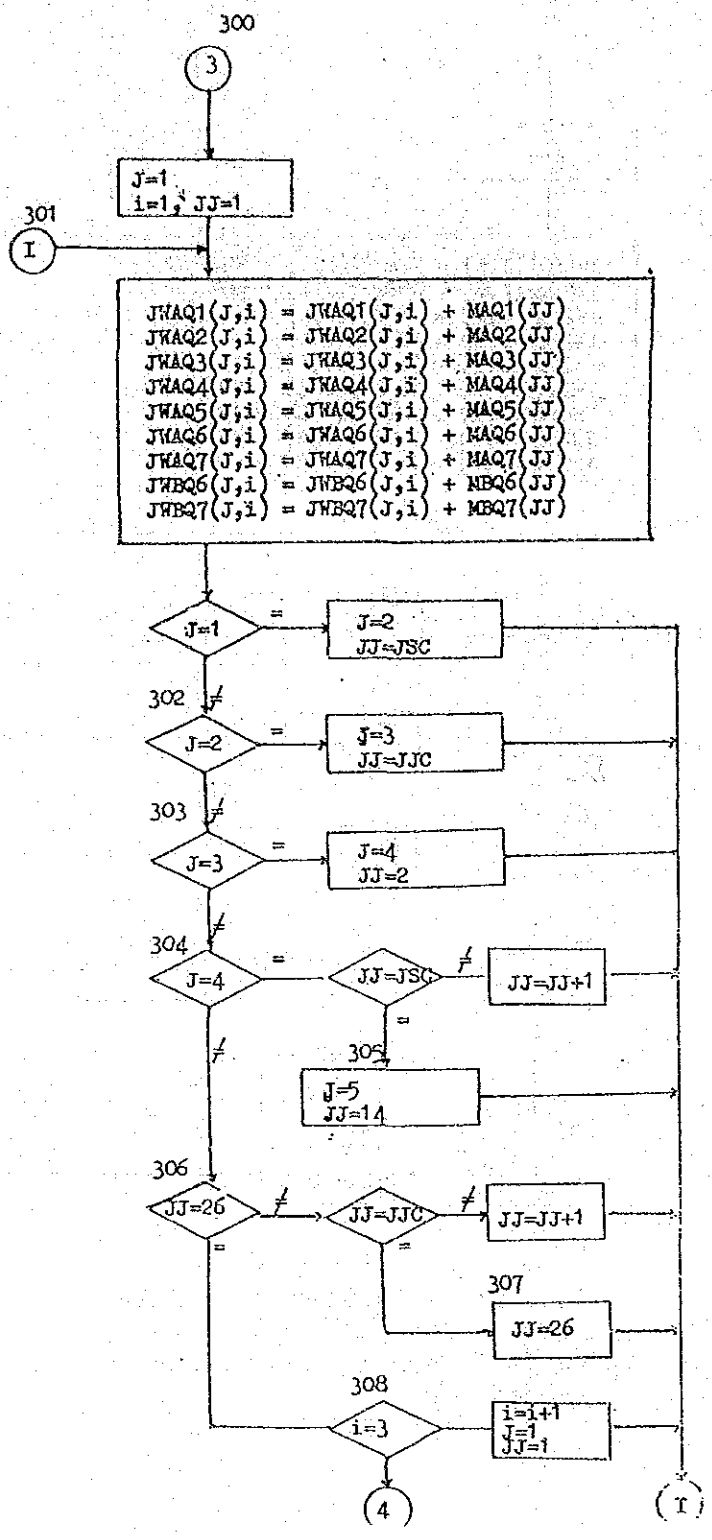
Block Flowchart

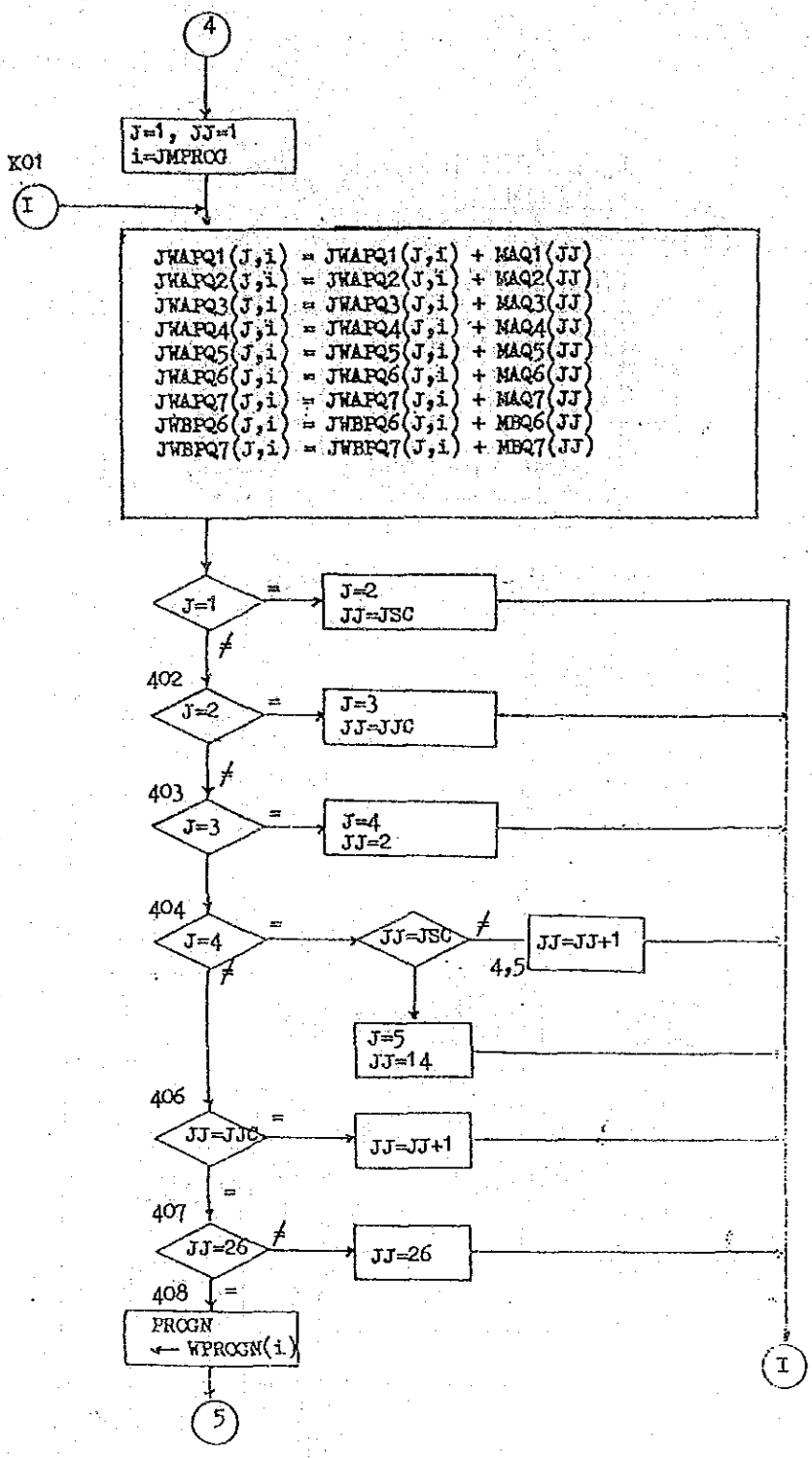


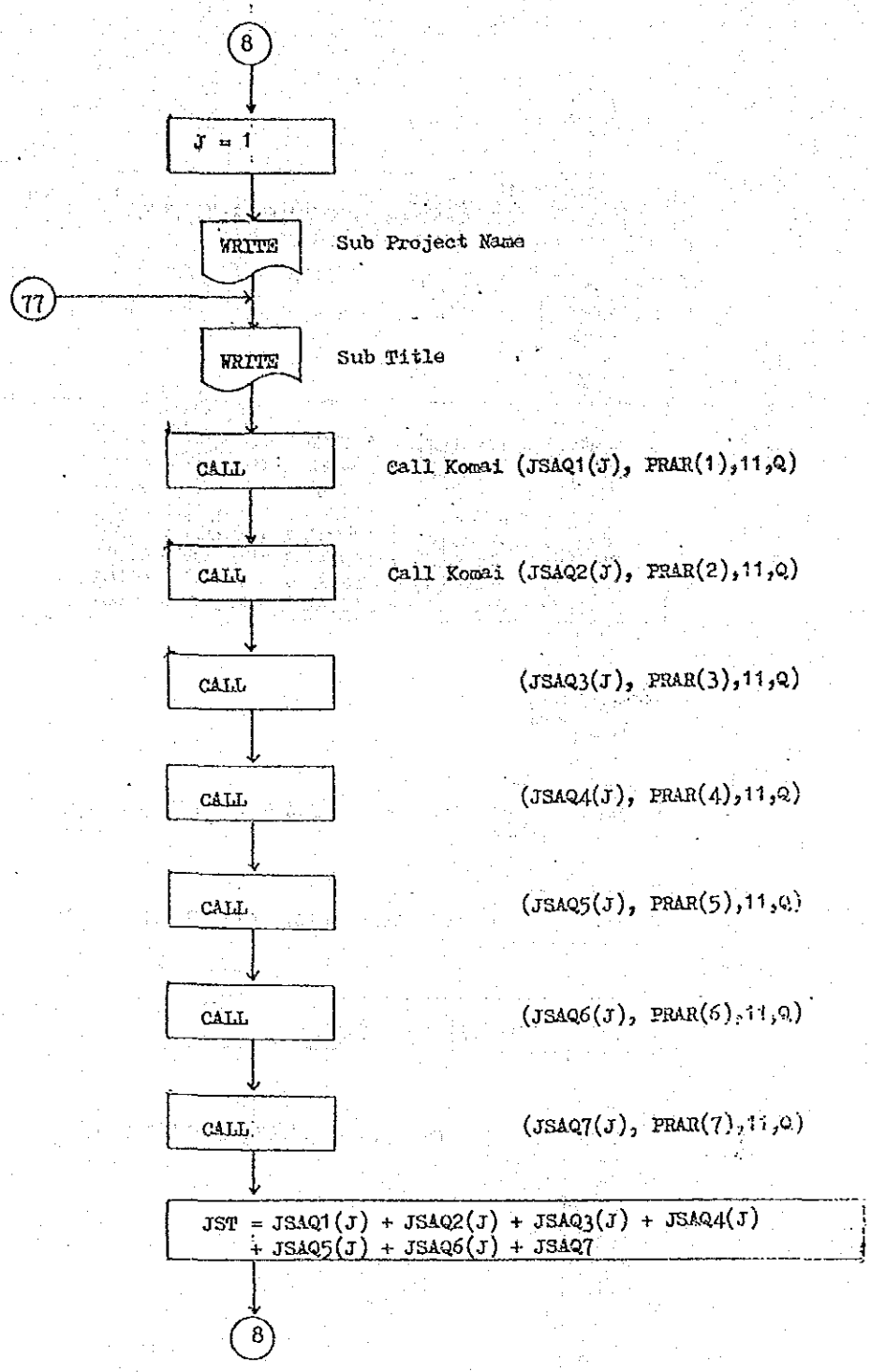

STAR
PROGRAM
"FPPM22"
Character
Dimension
Master File Storage
Character
Dimension
Work Storage
OPEN
FPMP07(40)
Province(43)
Initial
Value Set
Work Storage
Clear Out
1

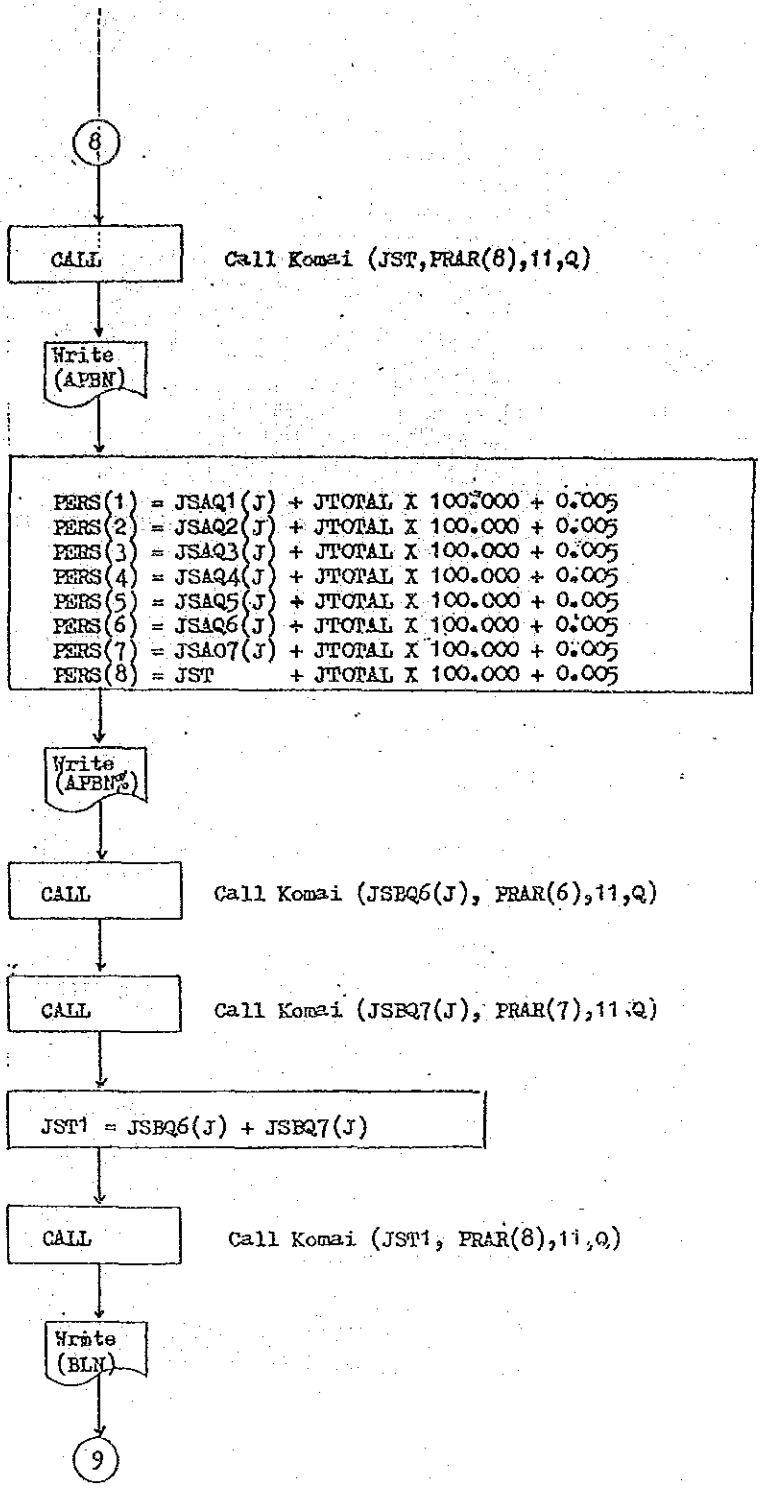

1
Pesan In
put dila
yar
Control
Tanggal
TABL KEY
Set
2

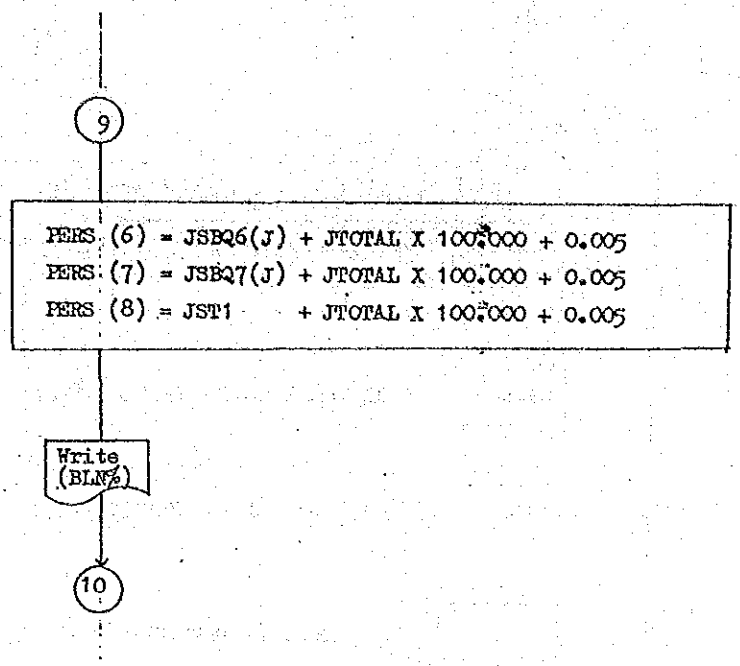

2
KMM =3
≠
=
201
JPY1 =iYY - 1
JPY1=iYY
JPY2 = iYY
JPY2 = iYY - 1
220
22
AO READ MASTER
AT END
END PROCESS
STOP
JRMC = JRMC + 1
≠
JMYY =iYY
=
FAST =1
=
≠
DOI
Keyold(1) =Keynew(4)
230
PROVINCE TOTAL PRINT
240
DOI unit TOTAL PRINT
=
PROVINCE
Keyold(2) =Keynew(2)
250
PROVINCE TOTAL PRINT
NAKEY = 1
=
Projec
Keyold(3) =Keynew(3)
270
Set New Header
=
3

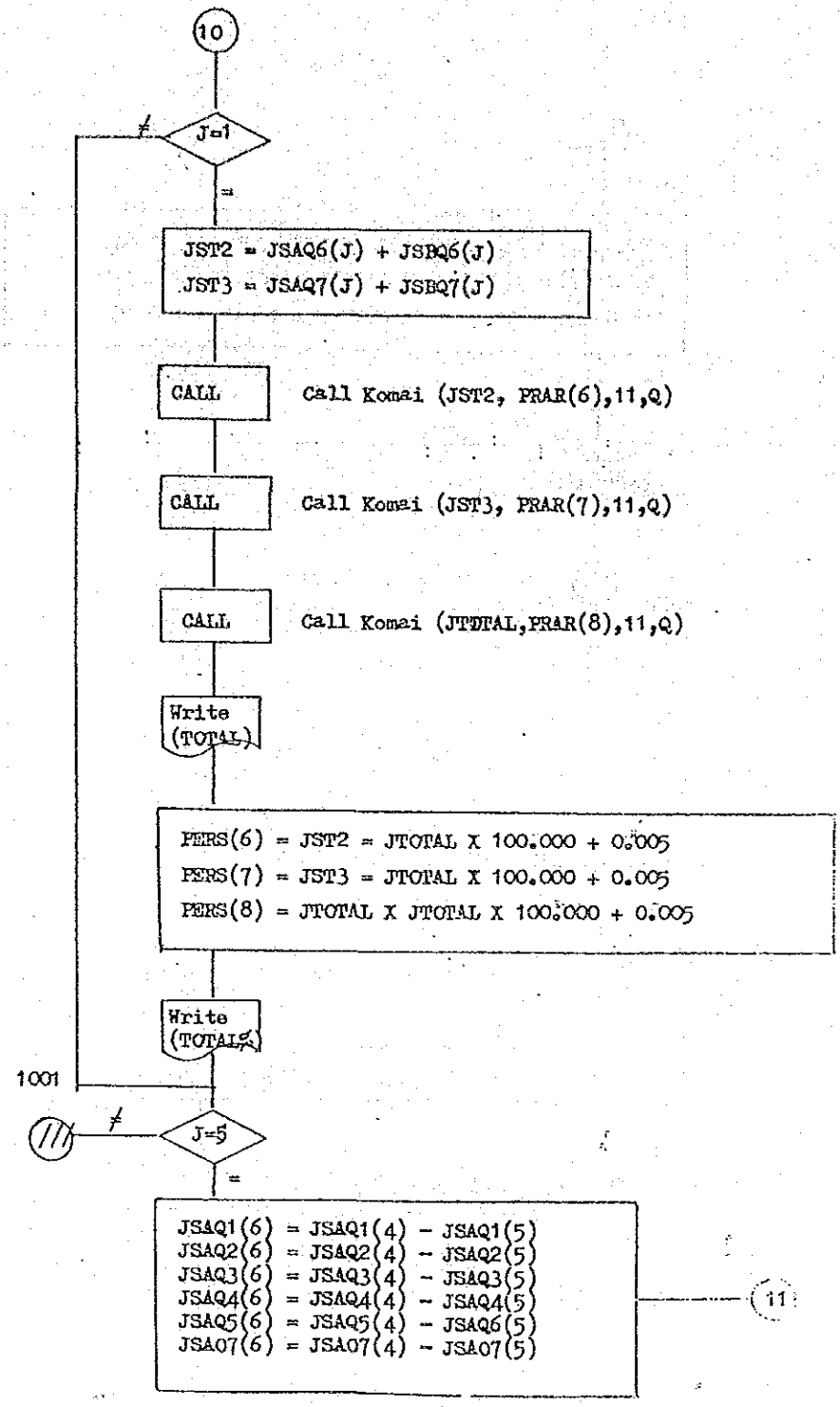

300
3
J=1
i=1, JJ=1
301
I
JWAQ1(J,i) = JWAQ1(J,i) + MAQ1(JJ)
JWAQ2(J,i) = JWAQ2(J,i) + MAQ2(JJ)
JWAQ3(J,i) = JWAQ3(J,i) + MAQ3(JJ)
JWAQ4(J,i) = JWAQ4(J,i) + MAQ4(JJ)
JWAQ5(J,i) = JWAQ5(J,i) + MAQ5(JJ)
JWAQ6(J,i) = JWAQ6(J,i) + MAQ6(JJ)
JWAQ7(J,i) = JWAQ7(J,i) + MAQ7(JJ)
JWBQ6(J,i) = JWBQ6(J,i) + MBQ6(JJ)
JWBQ7(J,i) = JWBQ7(J,i) + MBQ7(JJ)
J=1
=
J=2
JJ=JSC
302
≠
J=2
=
J=3
JJ=JJC
303
≠
J=3
=
J=4
JJ=2
304
≠
J=4
=
JJ=JSC
≠
JJ=JJ+1
=
305
J=5
JJ=14
≠
306
JJ=26
≠
JJ=JJC
≠
JJ=JJ+1
=
=
307
JJ=26
308
i=3
i=i+1
J=1
JJ=1
4
I

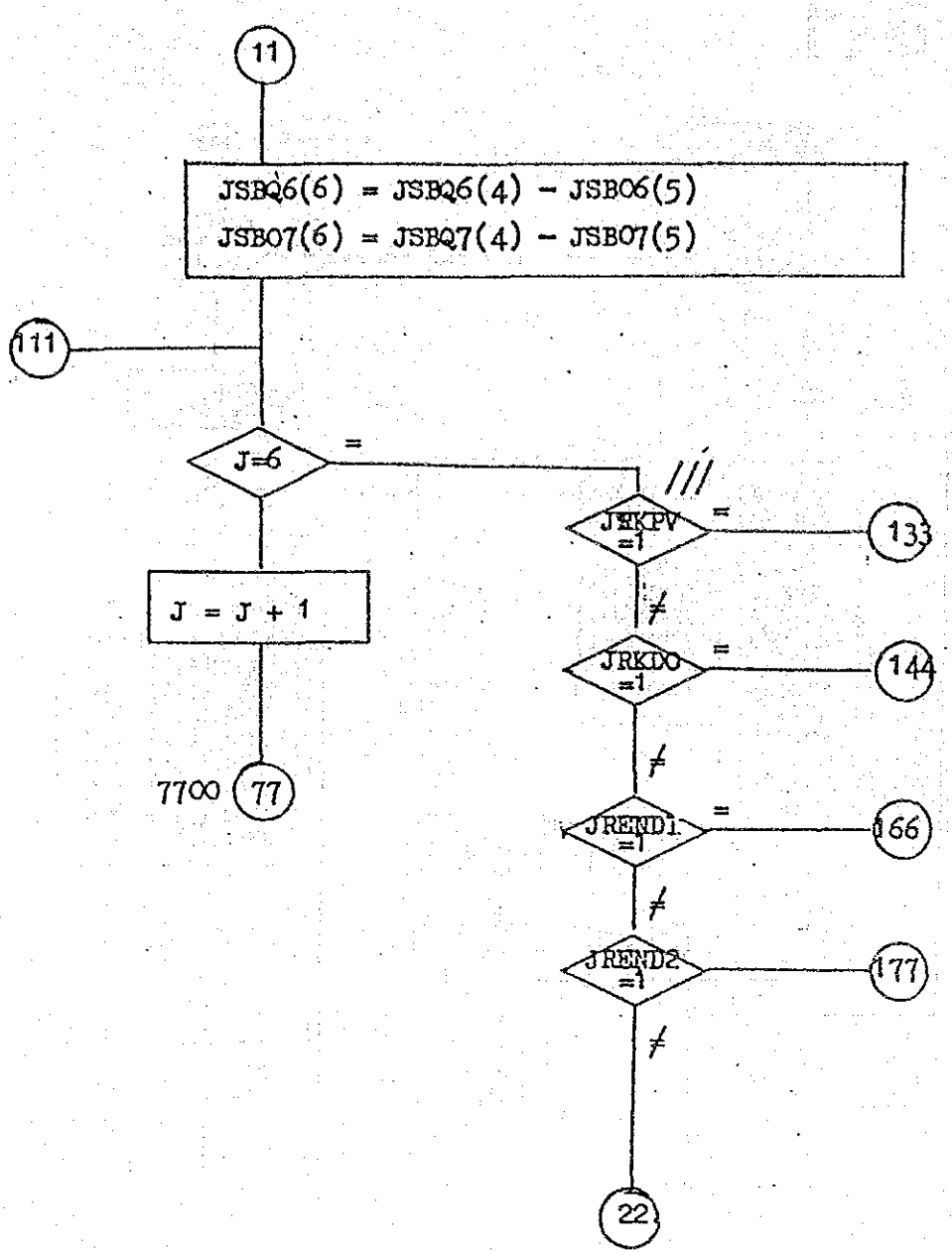

4
J=1, JJ=1
i=JMPROG
K01
I
JWAPQ1(J,i) = JWAPQ1(J,i) + MAQ1(JJ)
JWAPQ2(J,i) = JWAPQ2(J,i) + MAQ2(JJ)
JWAPQ3(J,i) = JWAPQ3(J,i) + MAQ3(JJ)
JWAPQ4(J,i) = JWAPQ4(J,i) + MAQ4(JJ)
JWAPQ5(J,i) = JWAPQ5(J,i) + MAQ5(JJ)
JWAPQ6(J,i) = JWAPQ6(J,i) + MAQ6(JJ)
JWAPQ7(J,i) = JWAPQ7(J,i) + MAQ7(JJ)
JWBPQ6(J,i) = JWBPQ6(J,i) + MBQ6(JJ)
JWBPQ7(J,i) = JWBPQ7(J,i) + MBQ7(JJ)
J=1
=
J=2
JJ=JSC
≠
402
J=2
=
J=3
JJ=JJC
≠
403
J=3
=
J=4
JJ=2
404
J=4
=
JJ=JSC
≠
JJ=JJ+1
4,5
≠
J=5
JJ=14
406
JJ=JJC
=
JJ=JJ+1
=
407
JJ=26
≠
JJ=26
408
=
PROGN
← WPROGN(i)
5
I

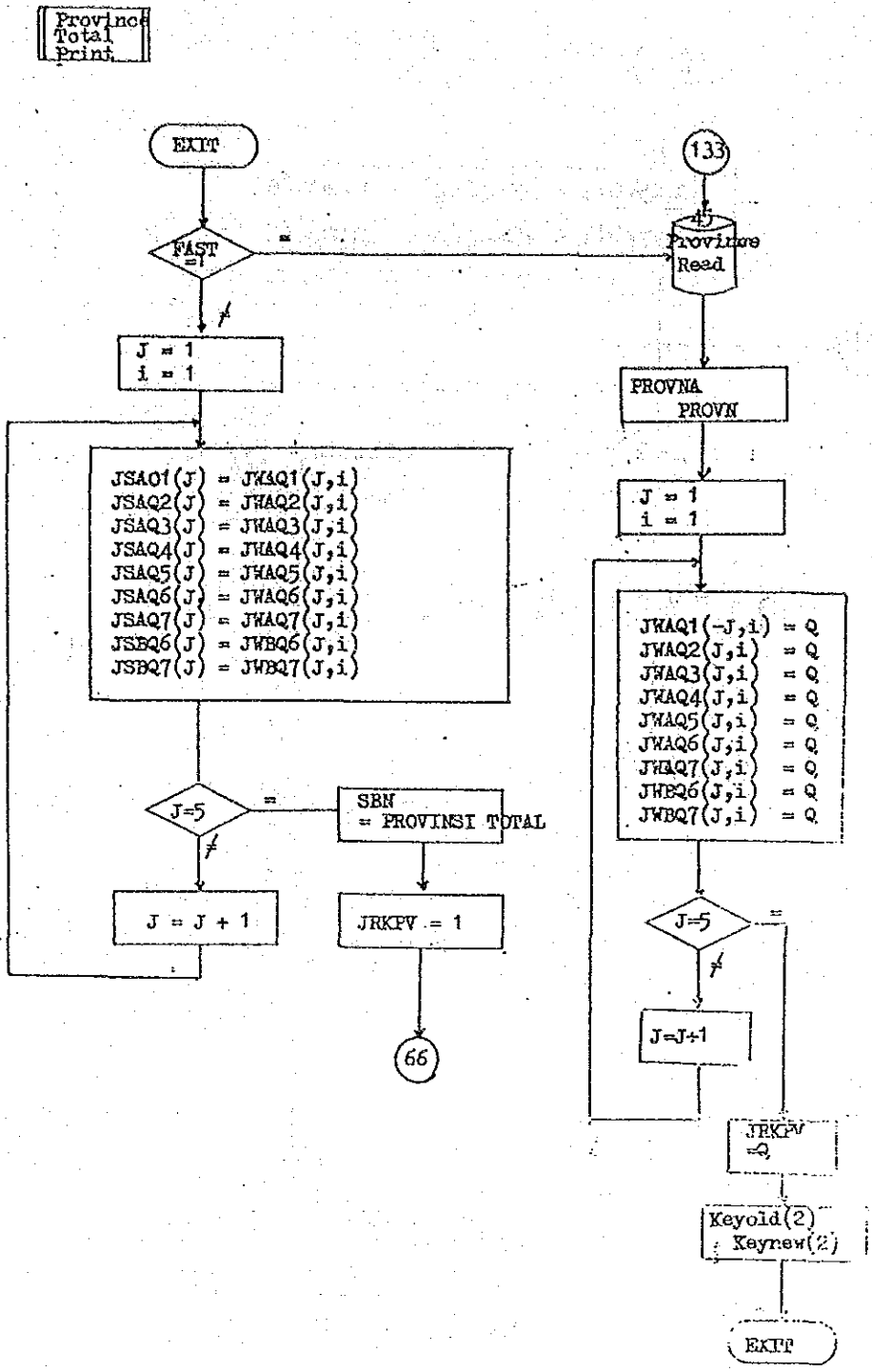

8
J = 1
WRITE
Sub Project Name
77
WRITE
Sub Title
CALL
Call Komai (JSAQ1(J), PRAR(1),11,Q)
CALL
Call Komai (JSAQ2(J), PRAR(2),11,Q)
CALL
(JSAQ3(J), PRAR(3),11,Q)
CALL
(JSAQ4(J), PRAR(4),11,Q)
CALL
(JSAQ5(J), PRAR(5),11,Q)
CALL
(JSAQ6(J), PRAR(6),11,Q)
CALL
(JSAQ7(J), PRAR(7),11,Q)
JST = JSAQ1(J) + JSAQ2(J) + JSAQ3(J) + JSAQ4(J)
+ JSAQ5(J) + JSAQ6(J) + JSAQ7
8

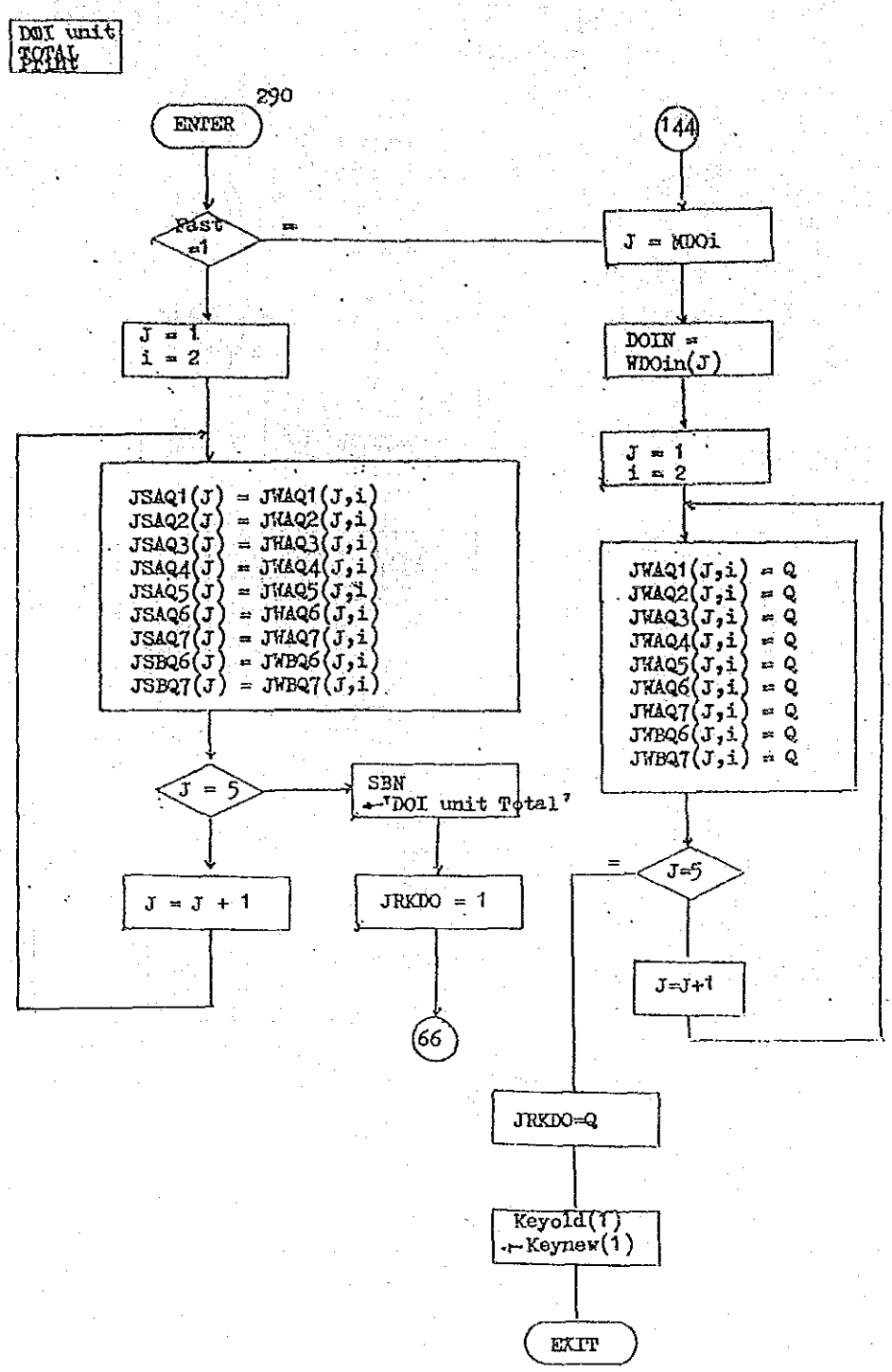

8
CALL
Call Komai (JST,PRAR(8),11,Q)
Write (APBN)
PERS(1) = JSAQ1(J) + JTOTAL X 100.000 + 0.005
PERS(2) = JSAQ2(J) + JTOTAL X 100.000 + 0.005
PERS(3) = JSAQ3(J) + JTOTAL X 100.000 + 0.005
PERS(4) = JSAQ4(J) + JTOTAL X 100.000 + 0.005
PERS(5) = JSAQ5(J) + JTOTAL X 100.000 + 0.005
PERS(6) = JSAQ6(J) + JTOTAL X 100.000 + 0.005
PERS(7) = JSAQ7(J) + JTOTAL X 100.000 + 0.005
PERS(8) = JST + JTOTAL X 100.000 + 0.005
Write (APBN%)
CALL
Call Komai (JSBQ6(J), PRAR(6),11,Q)
CALL
Call Komai (JSBQ7(J), PRAR(7),11,Q)
JST1 = JSBQ6(J) + JSBQ7(J)
CALL
Call Komai (JST1, PRAR(8),11,Q)
Write (BLN)
9

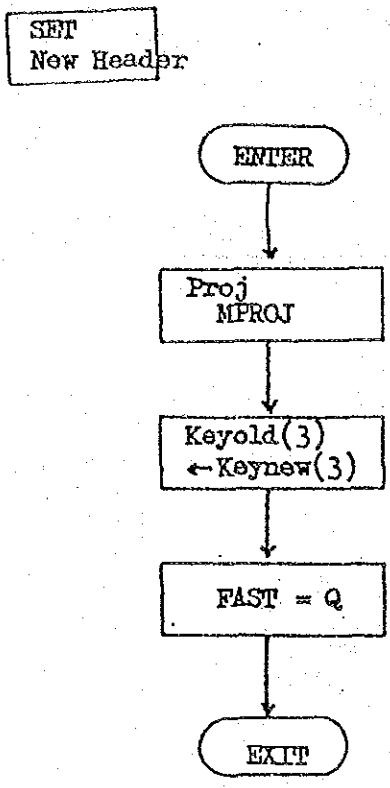

9
PERS (6) = JSBQ6(J) + JTOTAL X 100.000 + 0.005
PERS (7) = JSBQ7(J) + JTOTAL X 100.000 + 0.005
PERS (8) = JST1 + JTOTAL X 100.000 + 0.005
Write (BLNK)
10

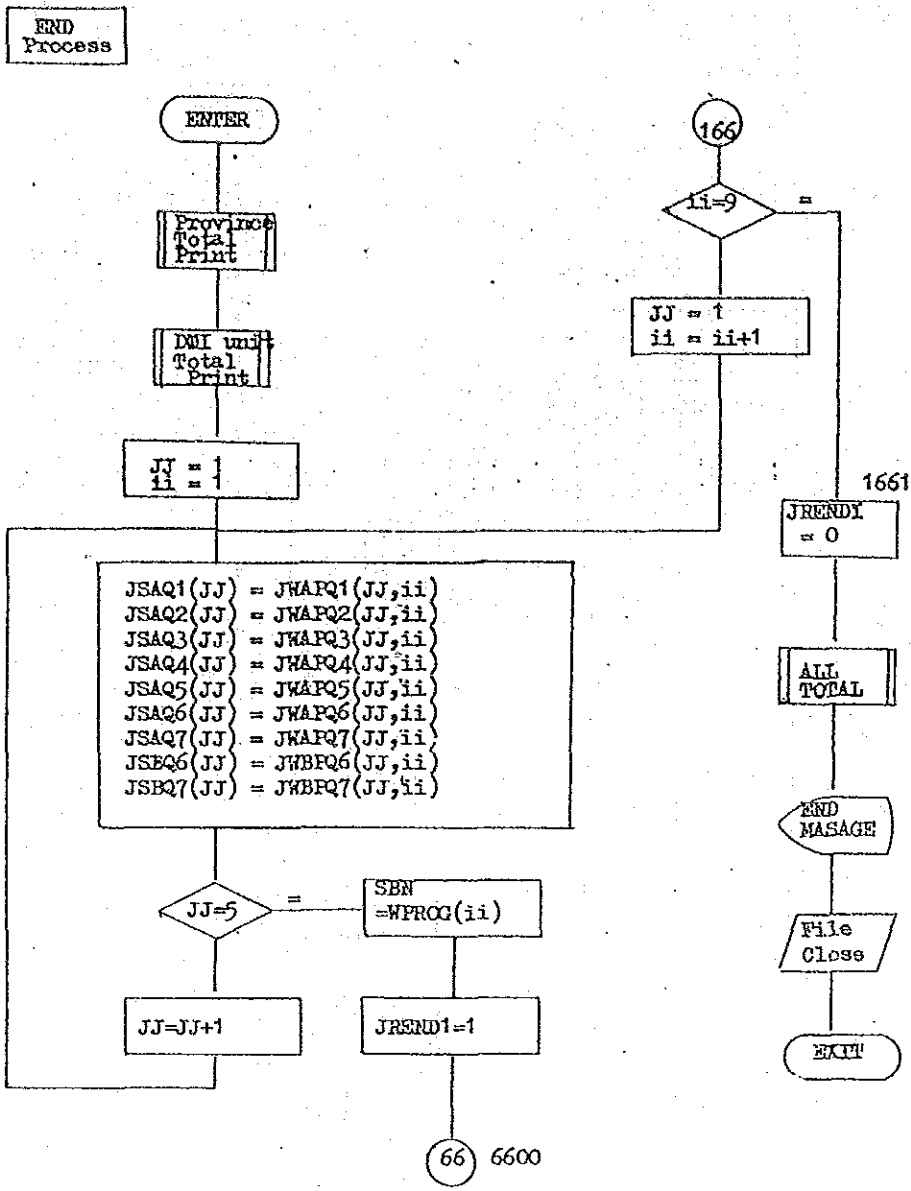

10
J=1
≠
=
JST2 = JSAQ6(J) + JSBQ6(J)
JST3 = JSAQ7(J) + JSBQ7(J)
CALL
Call Komai (JST2, PRAR(6),11,Q)
CALL
Call Komai (JST3, PRAR(7),11,Q)
CALL
Call Komai (JTOTAL,PRAR(8),11,Q)
Write (TOTAL)
PERS(6) = JST2 = JTOTAL X 100.000 + 0.005
PERS(7) = JST3 = JTOTAL X 100.000 + 0.005
PERS(8) = JTOTAL X JTOTAL X 100.000 + 0.005
Write (TOTAL)
1001
J=5
≠
=
JSAQ1(6) = JSAQ1(4) - JSAQ1(5)
JSAQ2(6) = JSAQ2(4) - JSAQ2(5)
JSAQ3(6) = JSAQ3(4) - JSAQ3(5)
JSAQ4(6) = JSAQ4(4) - JSAQ4(5)
JSAQ5(6) = JSAQ5(4) - JSAQ6(5)
JSAQ7(6) = JSAQ7(4) - JSAQ7(5)
11


11
JSBQ6(6) = JSBQ6(4) - JSBO6(5)
JSBO7(6) = JSBQ7(4) - JSBO7(5)
111
J=6
=
///
JEKPV =1
=
133
≠
J = J + 1
JRKDO =1
=
144
≠
7700
77
JREND1 =1
=
166
≠
JREND2 =1
177
≠
22


Province Total Print
EXIT
FAST =1
=
≠
J = 1
i = 1
JSAQ1(J) = JWAQ1(J,i)
JSAQ2(J) = JWAQ2(J,i)
JSAQ3(J) = JWAQ3(J,i)
JSAQ4(J) = JWAQ4(J,i)
JSAQ5(J) = JWAQ5(J,i)
JSAQ6(J) = JWAQ6(J,i)
JSAQ7(J) = JWAQ7(J,i)
JSBQ6(J) = JWBQ6(J,i)
JSBQ7(J) = JWBQ7(J,i)
J=5
=
≠
SBM = PROVINSI TOTAL
J = J + 1
JRKPV = 1
66
133
Province Read
PROVNA PROVN
J = 1
i = 1
JWAQ1(J,i) = Q
JWAQ2(J,i) = Q
JWAQ3(J,i) = Q
JWAQ4(J,i) = Q
JWAQ5(J,i) = Q
JWAQ6(J,i) = Q
JWAQ7(J,i) = Q
JWBQ6(J,i) = Q
JWBQ7(J,i) = Q
J=5
=
≠
J=J+1
JRKPV =Q
Keyold(2) Keynew(2)
EXIT


DOI unit TOTAL PRINT
290
ENTER
Past =1
=
144
J = MDOi
J = 1
i = 2
DOIN = WDOin(J)
J = 1
i = 2
JSAQ1(J) = JWAQ1(J,i)
JSAQ2(J) = JWAQ2(J,i)
JSAQ3(J) = JWAQ3(J,i)
JSAQ4(J) = JWAQ4(J,i)
JSAQ5(J) = JWAQ5(J,i)
JSAQ6(J) = JWAQ6(J,i)
JSAQ7(J) = JWAQ7(J,i)
JSBQ6(J) = JWBQ6(J,i)
JSBQ7(J) = JWBQ7(J,i)
JWAQ1(J,i) = Q
JWAQ2(J,i) = Q
JWAQ3(J,i) = Q
JWAQ4(J,i) = Q
JWAQ5(J,i) = Q
JWAQ6(J,i) = Q
JWAQ7(J,i) = Q
JWBQ6(J,i) = Q
JWBQ7(J,i) = Q
J = 5
SBN ←'DOI unit Total'
J = J + 1
JRKDO = 1
66
=
J=5
J=J+1
JRKDO=Q
Keyold(1) ←Keynew(1)
EXIT


SET
New Header
ENTER
Proj
MPROJ
Keyold(3)
←Keynew(3)
FAST = Q
EXIT


END Process
ENTER
Province Total Print
DWI unit Total Print
JJ = 1
ii = 1
JSAQ1(JJ) = JWAPQ1(JJ,ii)
JSAQ2(JJ) = JWAPQ2(JJ,ii)
JSAQ3(JJ) = JWAPQ3(JJ,ii)
JSAQ4(JJ) = JWAPQ4(JJ,ii)
JSAQ5(JJ) = JWAPQ5(JJ,ii)
JSAQ6(JJ) = JWAPQ6(JJ,ii)
JSAQ7(JJ) = JWAPQ7(JJ,ii)
JSBQ6(JJ) = JWBPQ6(JJ,ii)
JSBQ7(JJ) = JWBPQ7(JJ,ii)
JJ=5
=
SBN =WPROG(ii)
JJ=JJ+1
JREND1=1
66
6600
166
ii=9
=
JJ = 1
ii = ii+1
1661
JREND1 = 0
ALL TOTAL
END MASAGE
File Close
EXIT

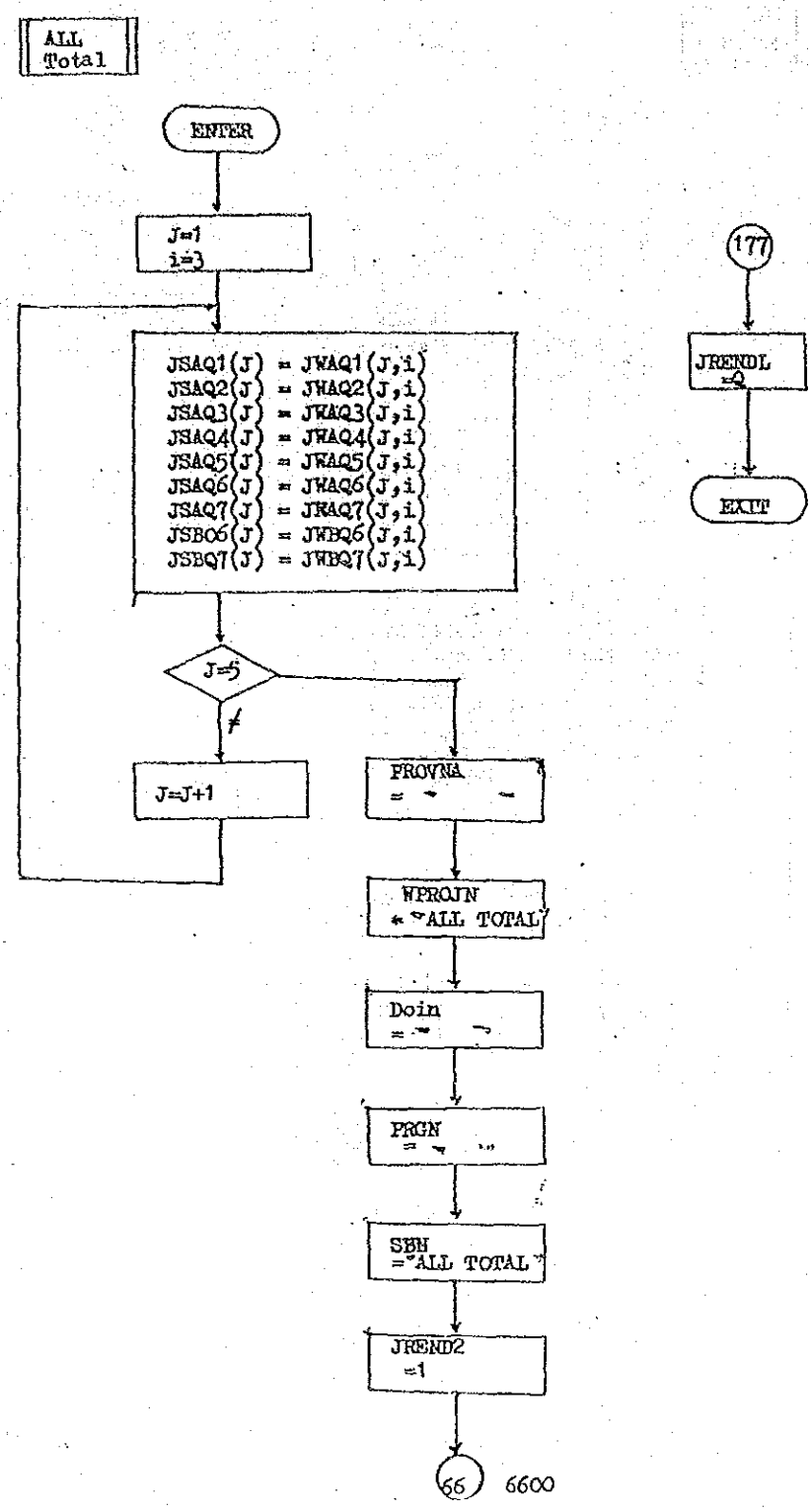
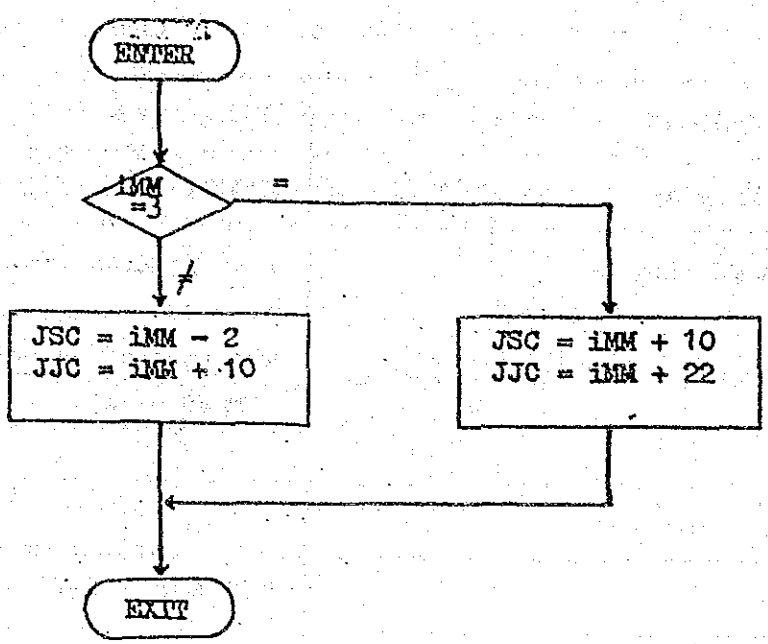
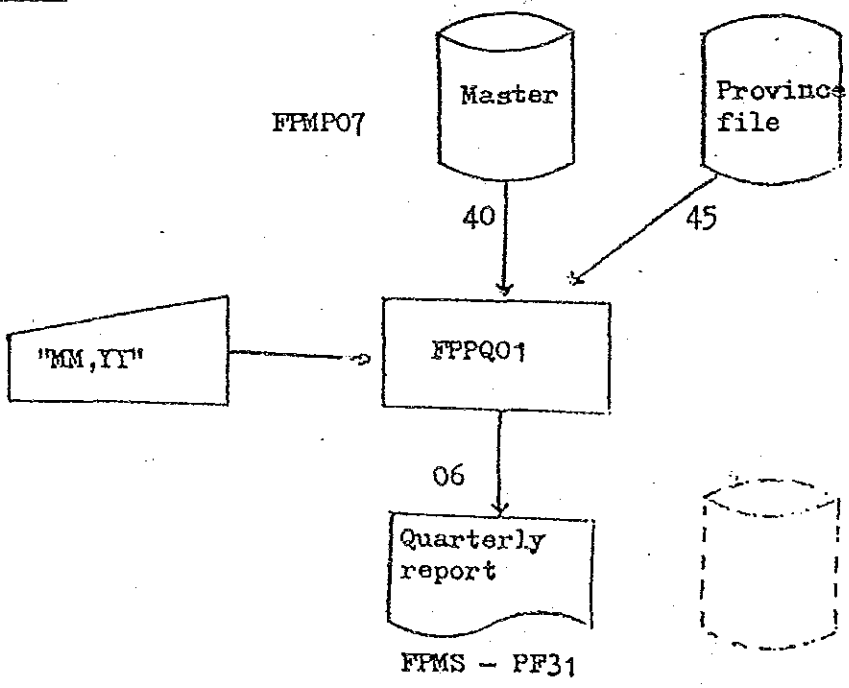

ALL
Total
ENTER
J=1
i=3
JSAQ1(J) = JWAQ1(J,i)
JSAQ2(J) = JWAQ2(J,i)
JSAQ3(J) = JWAQ3(J,i)
JSAQ4(J) = JWAQ4(J,i)
JSAQ5(J) = JWAQ5(J,i)
JSAQ6(J) = JWAQ6(J,i)
JSAQ7(J) = JWAQ7(J,i)
JSBQ6(J) = JWBQ6(J,i)
JSBQ7(J) = JWBQ7(J,i)
J=5
≠
J=J+1
FROVNA
WPROJN
="ALL TOTAL"
Doin
PRGN
SBN
="ALL TOTAL"
JREND2
=1
66
6600
177
JRENDL
=2
EXIT

TABLE KEY SET



Name of System	FPMS
Name of Program	FPPQ01
Function of Program	This program make qarterly report The name of report is FPMS – PF31
Date of Production	
Hardware	NEC ACOS – 250
Operating System	ACOS – 2
Programming Language	FORTRAN
Produced	S. Oku

Flow



Explanation

This program (FPPQ01) intends output for quarterly report.

(1) Accept the date from console Operater input month and year

(2) Read the master file of file is the end, doing end process and this program is the end.

(3) Compare processing

a) Fiscal year master file ≠ year of inputing from console.
return to read the master file

b) New DOI code ≠ old DOI code write province total and DOI unit total to printer. Set the now header.
Go to totalige data.

c) New province code ≠ old province code write province total to printer.
Set the now header.
Go to totalige data

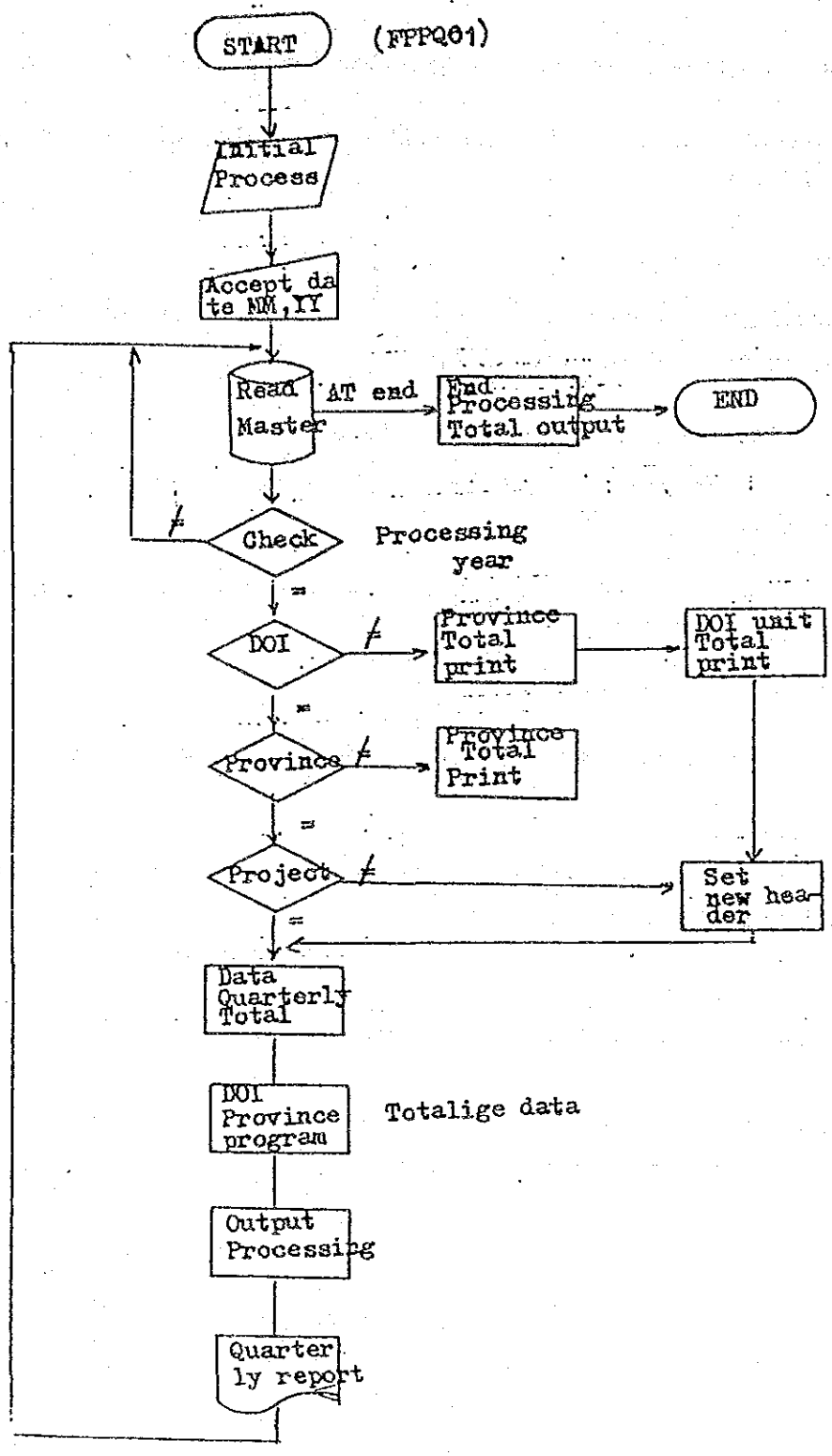
d) New project code ≠ old project code set the now header.

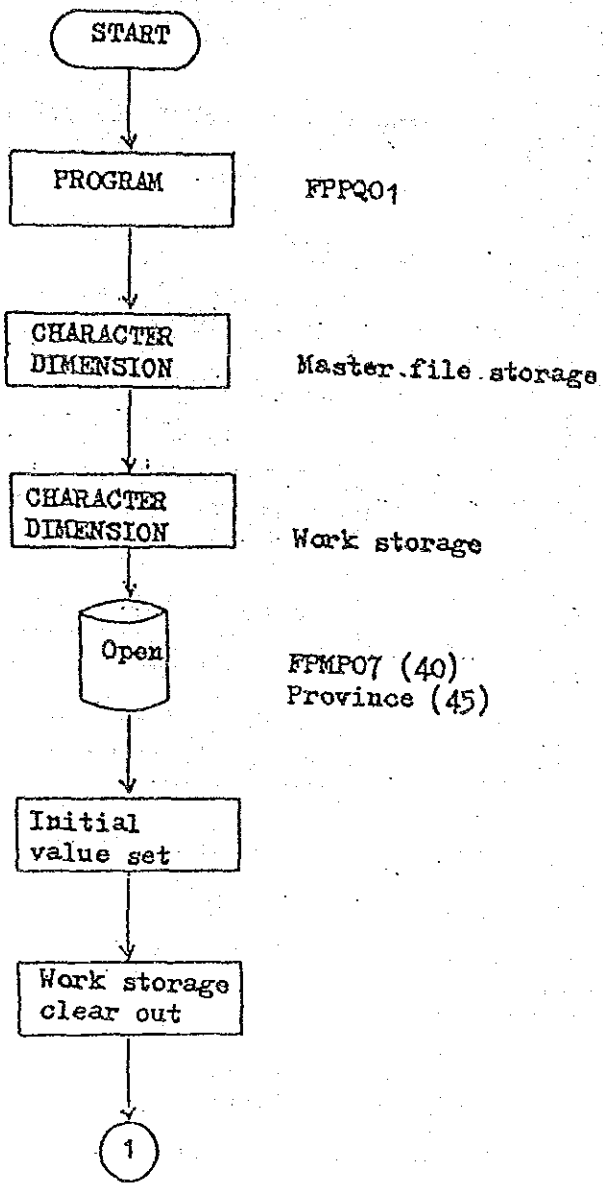
4) Totaliges data
The master data addition to DOI starage, province storage, Program storage, all totalige storage

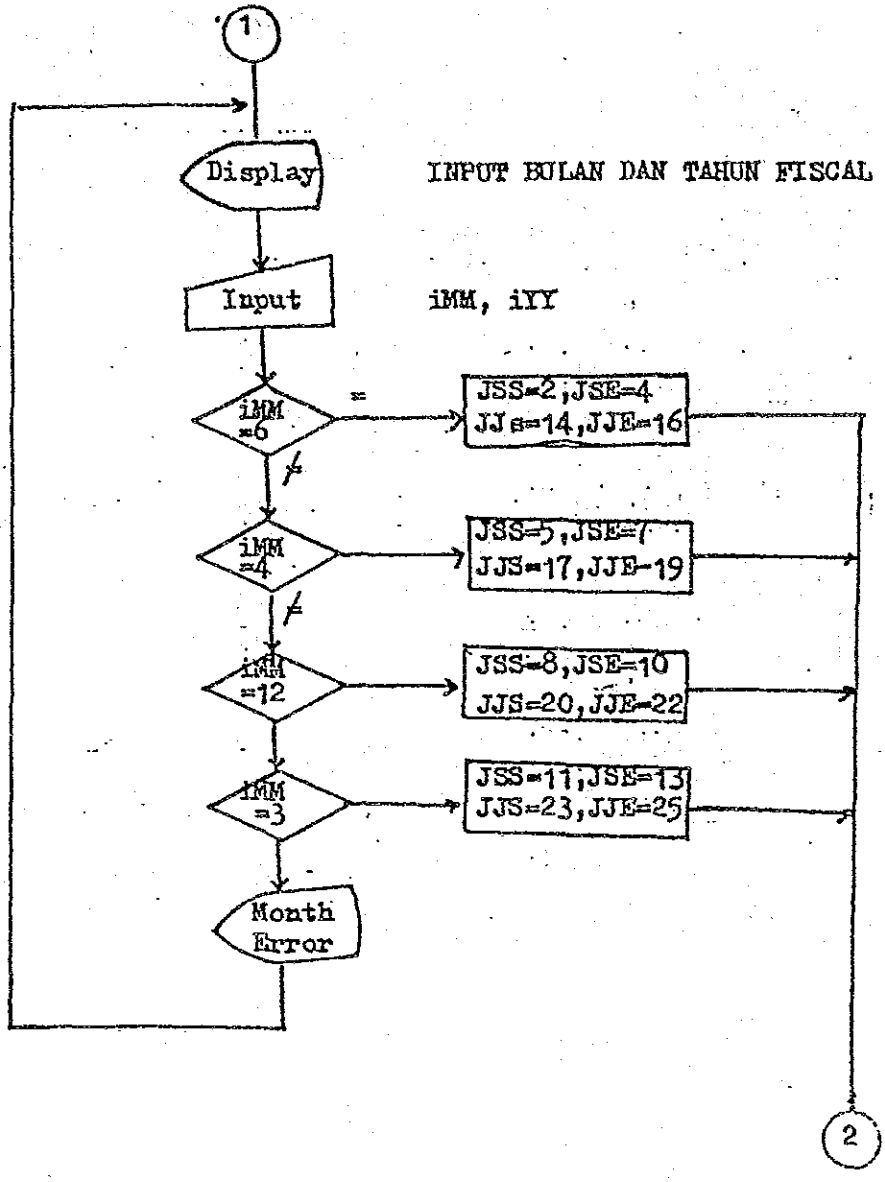
(5) Output processing
Set Quarterly report data to output storage.

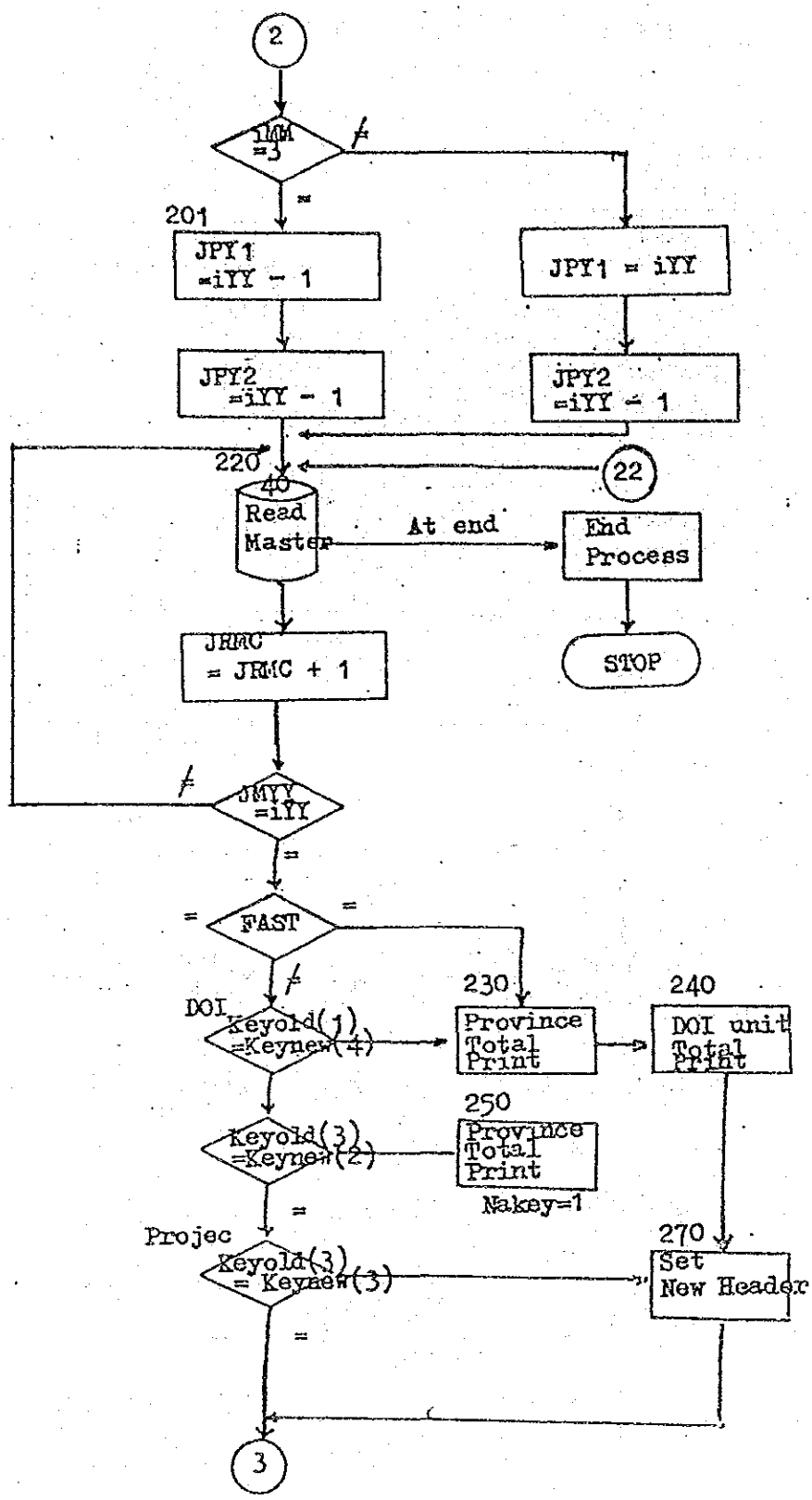
(6) Quatterly report print
Write quarterly report to printer

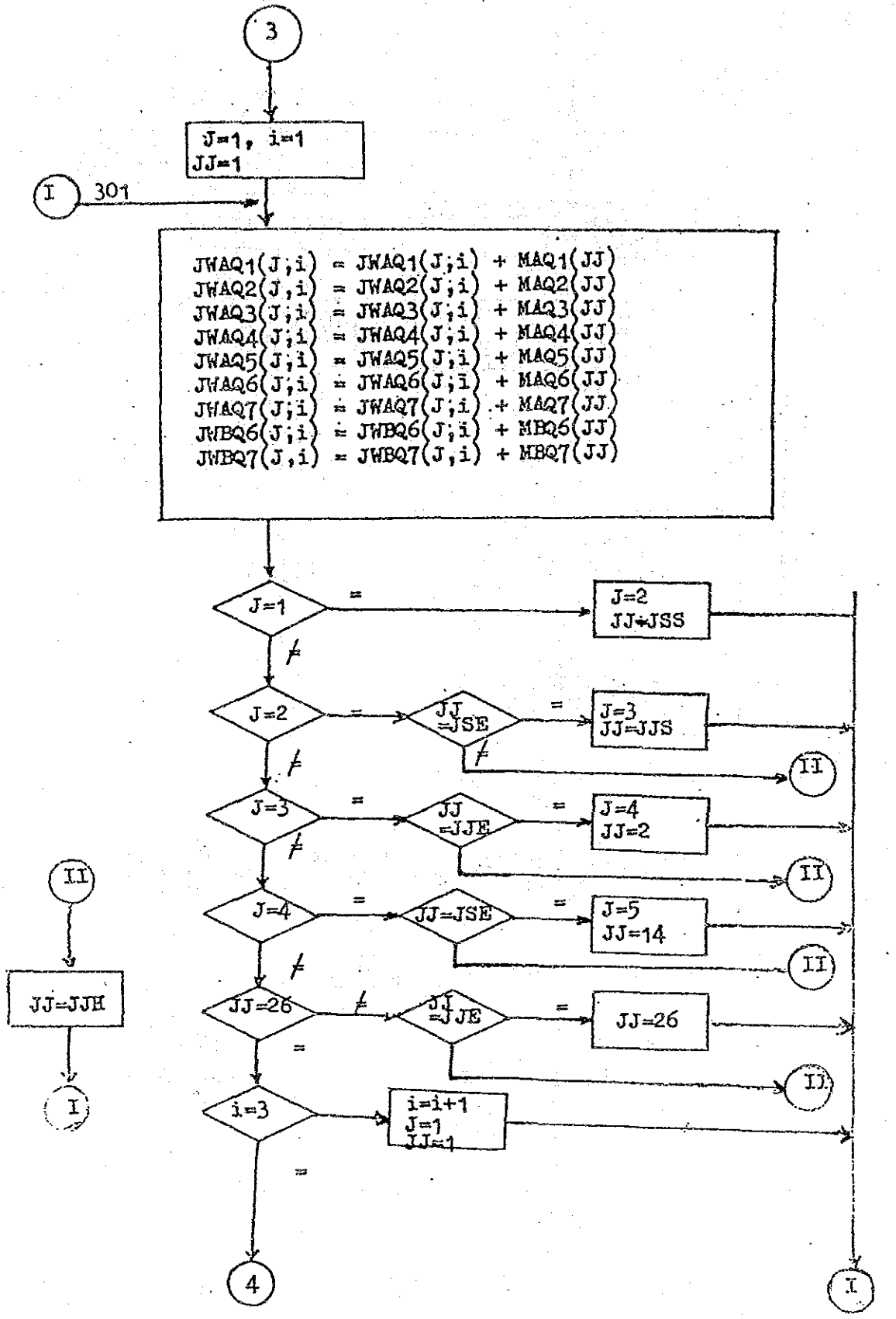
BBock Flowchart



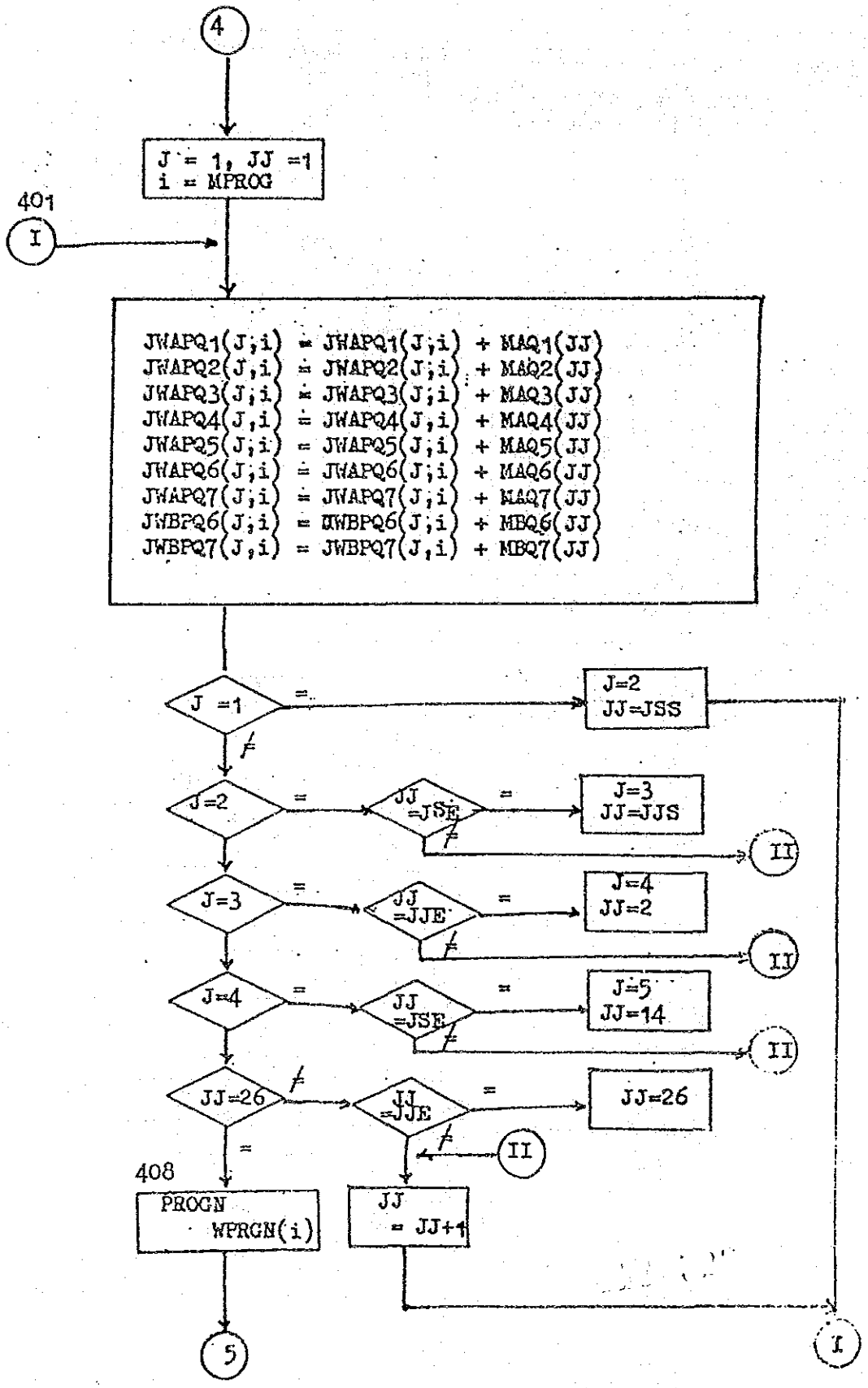

START
PROGRAM
FPPQ01
CHARACTER
DIMENSION
Master file storage
CHARACTER
DIMENSION
Work storage
Open
FPMP07 (40)
Province (45)
Initial
value set
Work storage
clear out
1

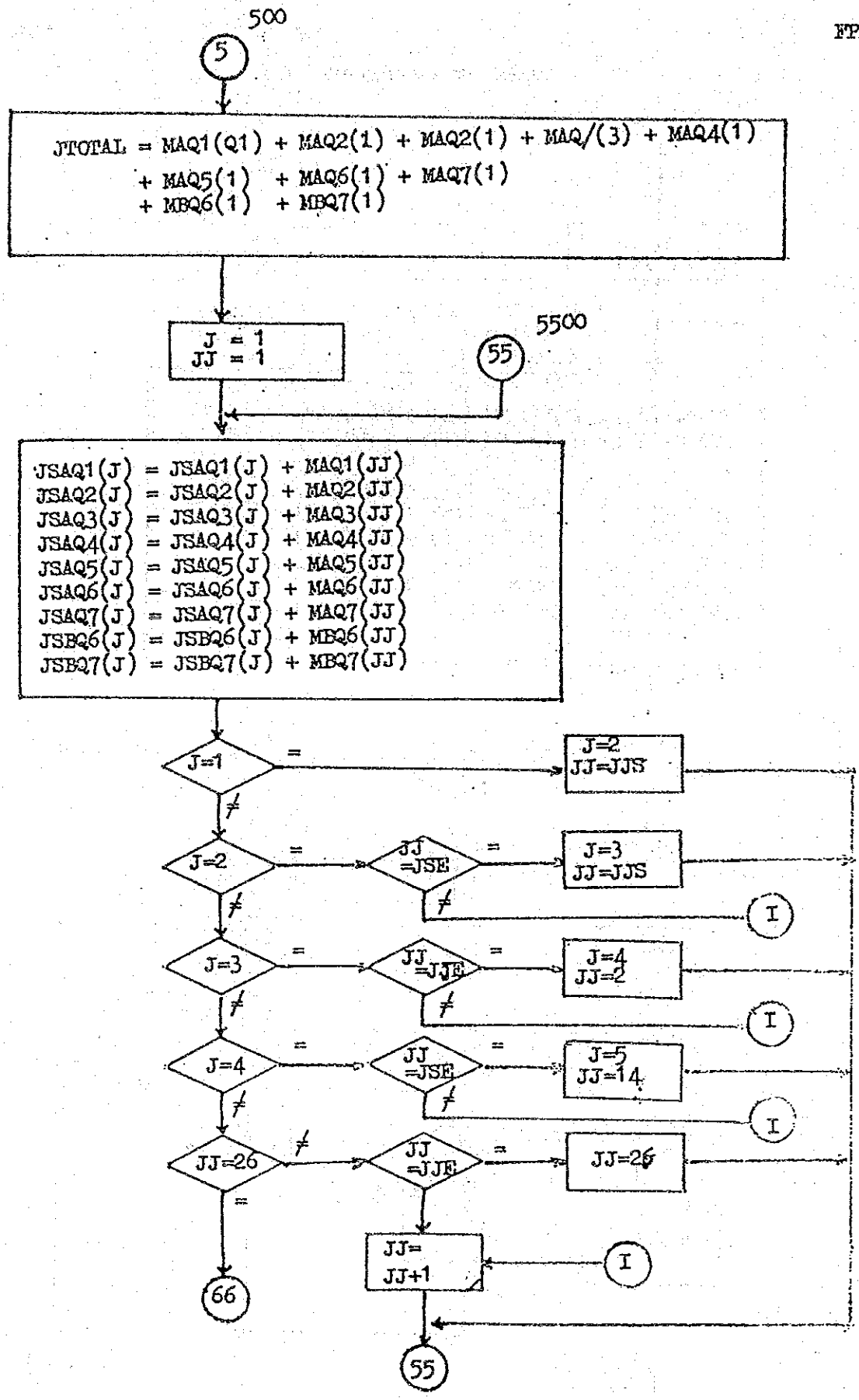

1
Display
INPUT BULAN DAN TAHUN FISCAL
Input
iMM, iYY
iMM =6
=
JSS=2, JSE=4
JJS=14, JJE=16
≠
iMM =4
JSS=5, JSE=7
JJS=17, JJE=19
≠
iMM =12
JSS=8, JSE=10
JJS=20, JJE=22
iMM =3
JSS=11, JSE=13
JJS=23, JJE=25
Month Error
2


2
IMM =3
≠
=
201
JPY1 =iYY - 1
JPY1 = iYY
JPY2 =iYY - 1
JPY2 =iYY - 1
220
22
40
Read Master
At end
End Process
STOP
JRMC = JRMC + 1
≠
JMYY =iYY
=
=
FAST
=
≠
230
240
DOI
Keyold(1) =Keynew(4)
Province Total Print
DOI unit Total Print
250
Keyold(3) =Keynew(2)
Province Total Print
Nakey=1
=
Projec
Keyold(3) = Keynew(3)
270
Set New Header
=
3


3
J=1, i=1
JJ=1
I
301
JWAQ1(J;i) = JWAQ1(J;i) + MAQ1(JJ)
JWAQ2(J,i) = JWAQ2(J;i) + MAQ2(JJ)
JWAQ3(J;i) = JWAQ3(J;i) + MAQ3(JJ)
JWAQ4(J;i) = JWAQ4(J;i) + MAQ4(JJ)
JWAQ5(J;i) = JWAQ5(J;i) + MAQ5(JJ)
JWAQ6(J;i) = JWAQ6(J;i) + MAQ6(JJ)
JWAQ7(J;i) = JWAQ7(J;i) + MAQ7(JJ)
JWBQ6(J;i) = JWBQ6(J;i) + MBQ6(JJ)
JWBQ7(J,i) = JWBQ7(J,i) + MBQ7(JJ)
J=1
=
J=2
JJ=JSS
≠
J=2
=
JJ =JSE
=
J=3
JJ=JJS
≠
II
≠
J=3
=
JJ =JJE
=
J=4
JJ=2
≠
II
J=4
=
JJ=JSE
=
J=5
JJ=14
≠
II
JJ=26
≠
JJ =JJE
=
JJ=26
=
II
i=3
i=i+1
J=1
JJ=1
=
4
II
JJ=JJH
I
I

PROGRAM DATA ADDITION




500
5
JTOTAL = MAQ1(Q1) + MAQ2(1) + MAQ2(1) + MAQ/(3) + MAQ4(1)
+ MAQ5(1) + MAQ6(1) + MAQ7(1)
+ MBQ6(1) + MBQ7(1)
J = 1
JJ = 1
5500
55
JSAQ1(J) = JSAQ1(J) + MAQ1(JJ)
JSAQ2(J) = JSAQ2(J) + MAQ2(JJ)
JSAQ3(J) = JSAQ3(J) + MAQ3(JJ)
JSAQ4(J) = JSAQ4(J) + MAQ4(JJ)
JSAQ5(J) = JSAQ5(J) + MAQ5(JJ)
JSAQ6(J) = JSAQ6(J) + MAQ6(JJ)
JSAQ7(J) = JSAQ7(J) + MAQ7(JJ)
JSBQ6(J) = JSBQ6(J) + MBQ6(JJ)
JSBQ7(J) = JSBQ7(J) + MBQ7(JJ)
J=1
=
J=2
JJ=JJS
≠
J=2
=
JJ =JSE
=
J=3
JJ=JJS
≠
I
J=3
=
JJ =JJE
=
J=4
JJ=2
≠
I
J=4
=
JJ =JSE
=
J=5
JJ=14
≠
I
JJ=26
≠
JJ =JJE
=
JJ=26
=
JJ=
JJ+1
I
66
55

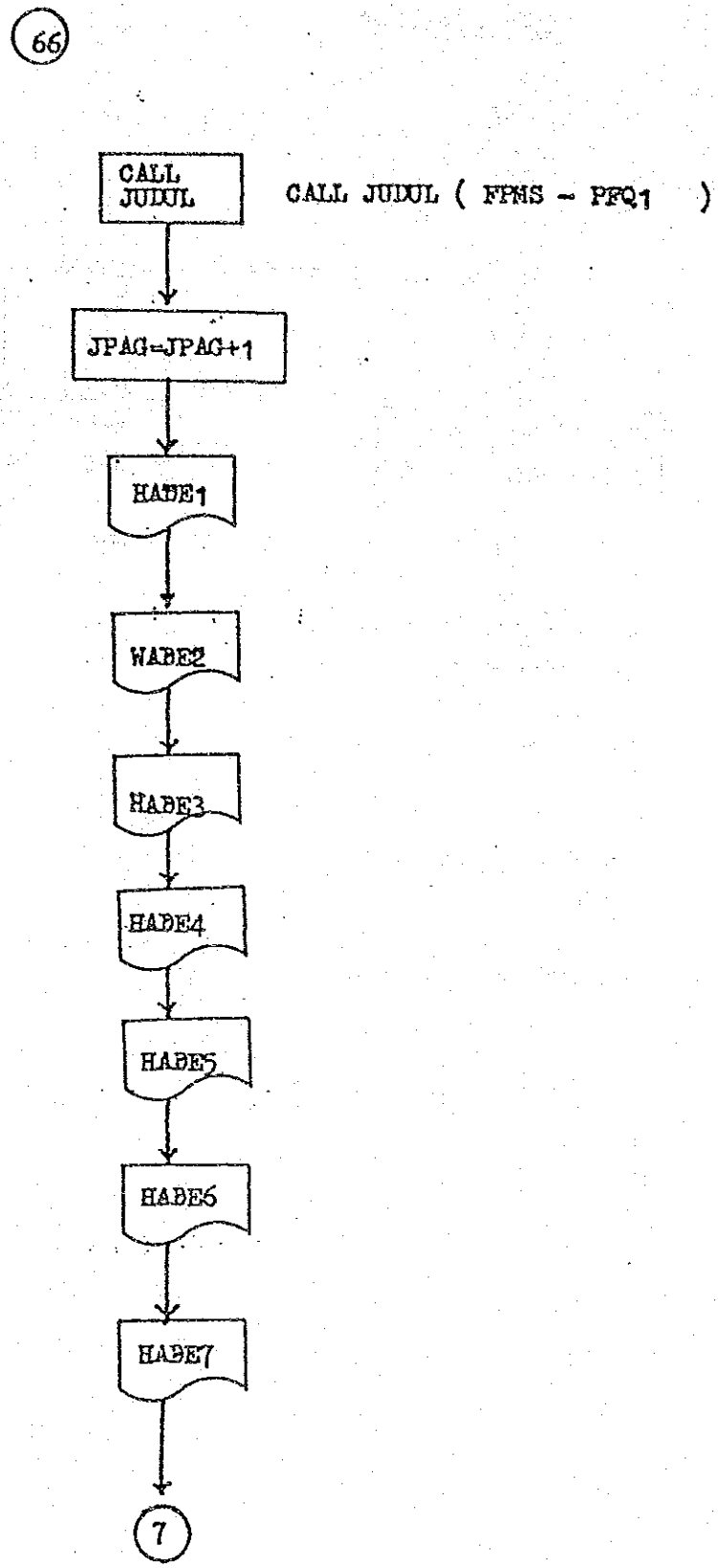
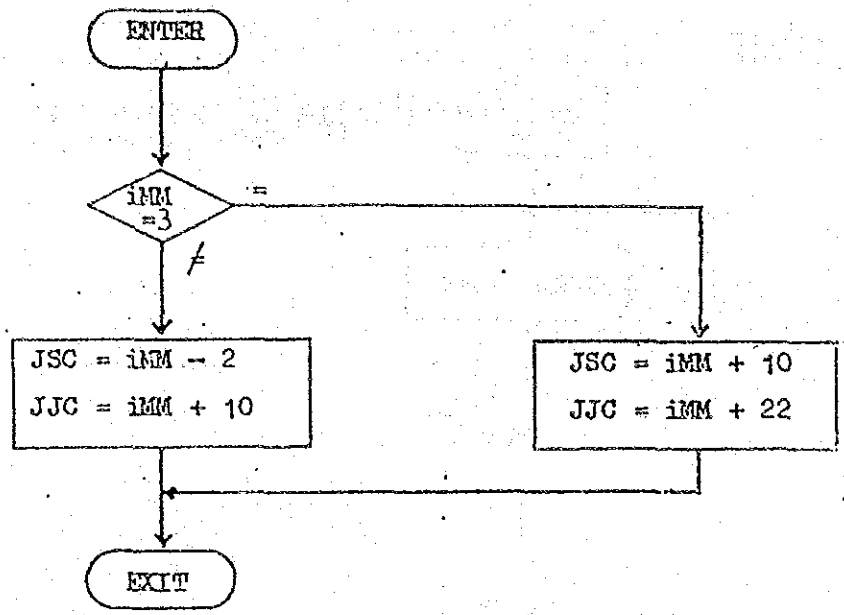
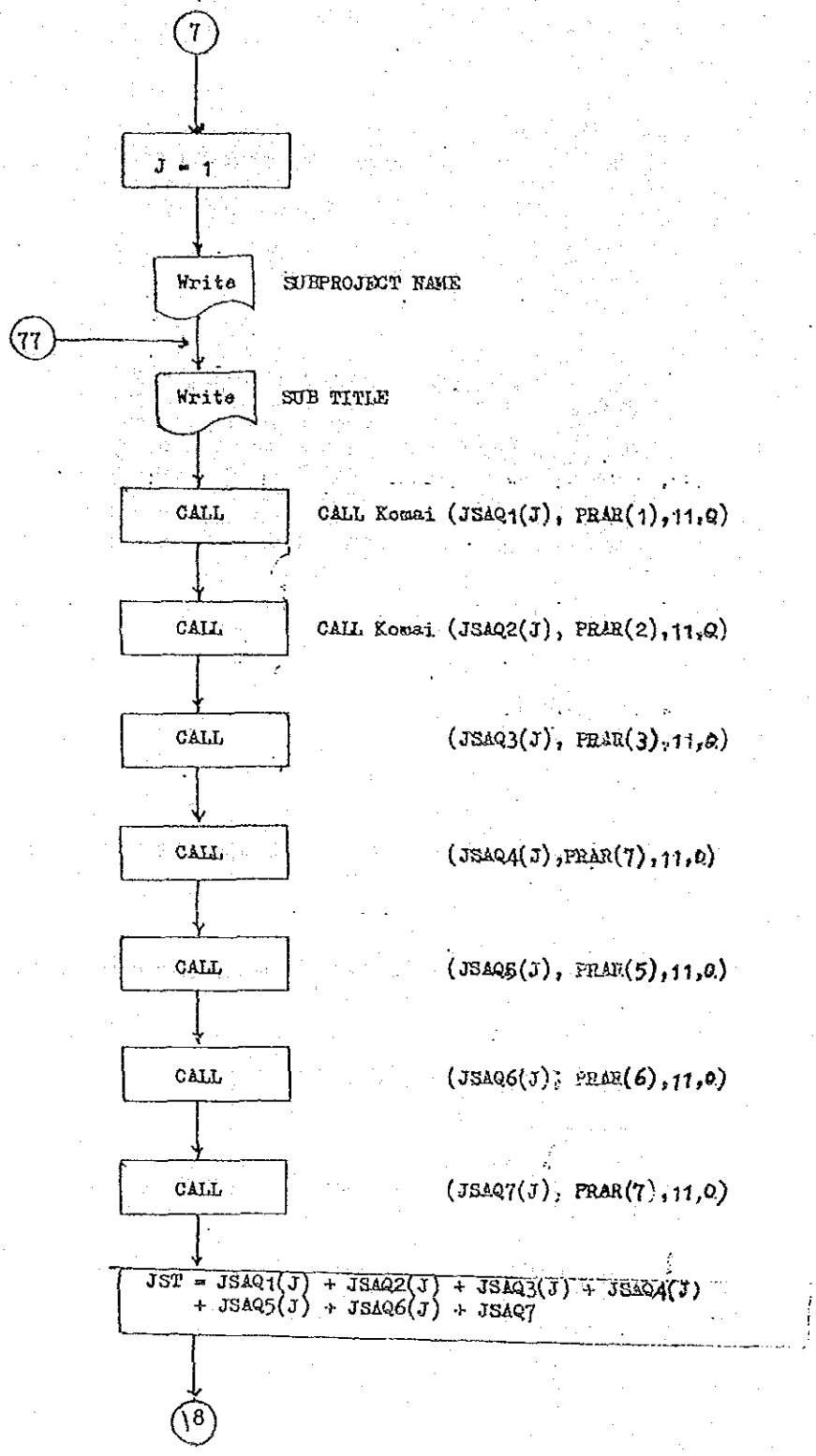
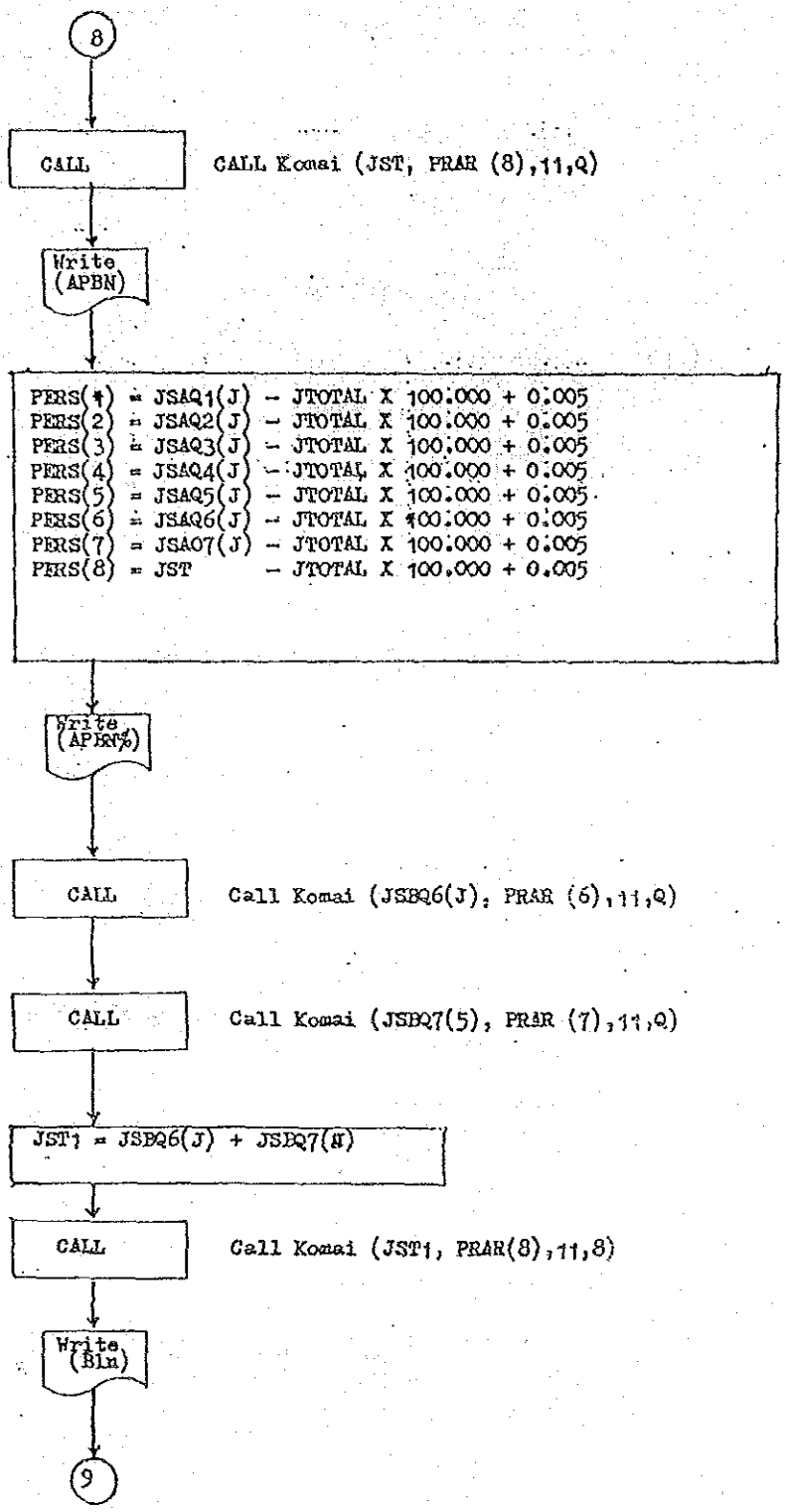
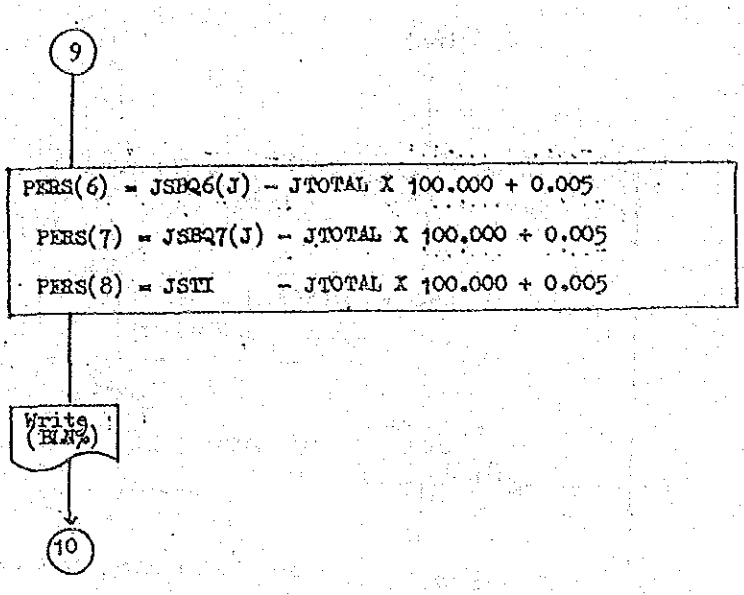

66
CALL JUIUL
CALL JUIUL (FPMS - PFQ1)
JPAG=JPAG+1
HADE1
WADE2
HADE3
HADE4
HADE5
HADE6
HADE7
7

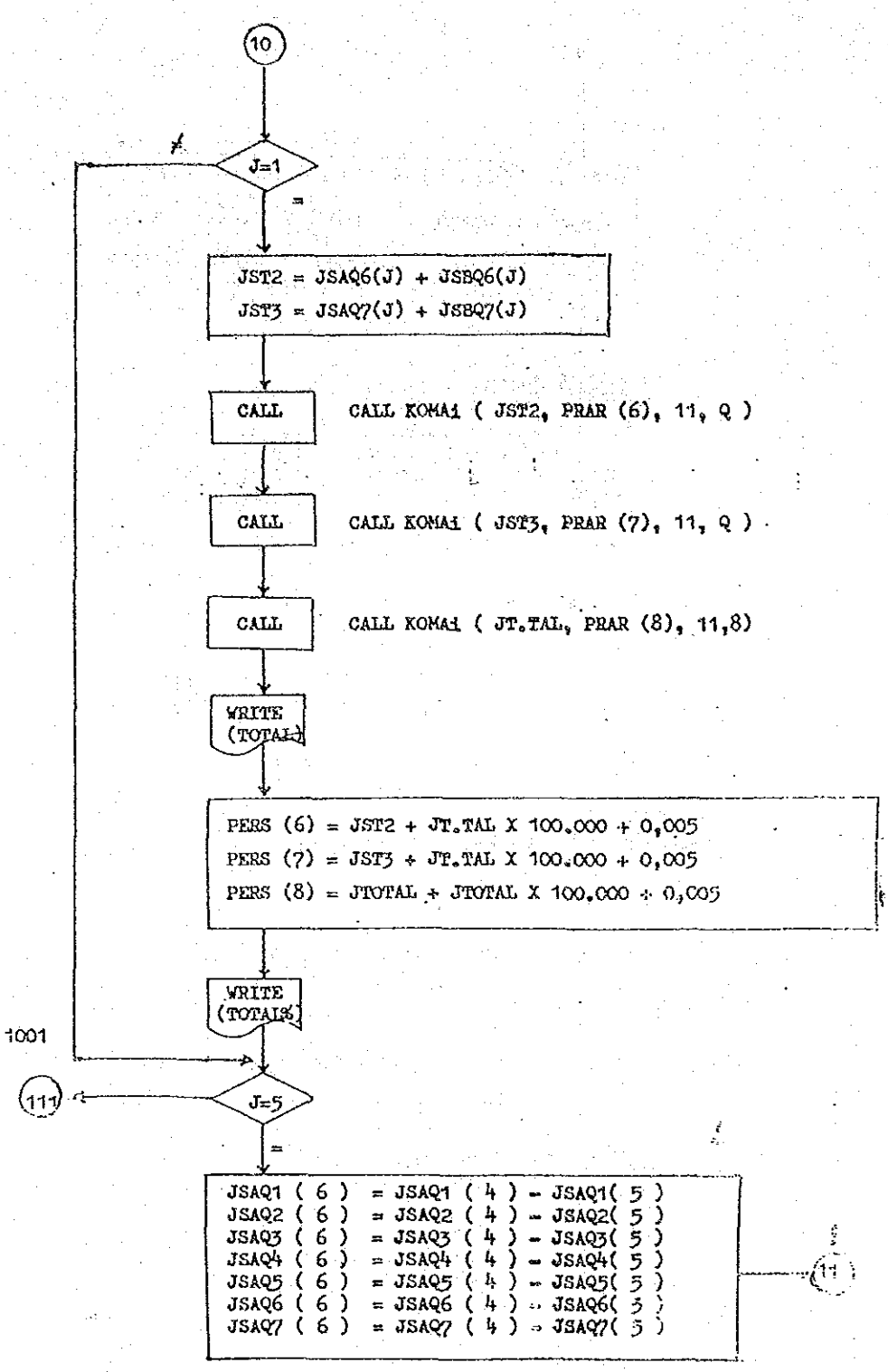
TABLE KEY SET

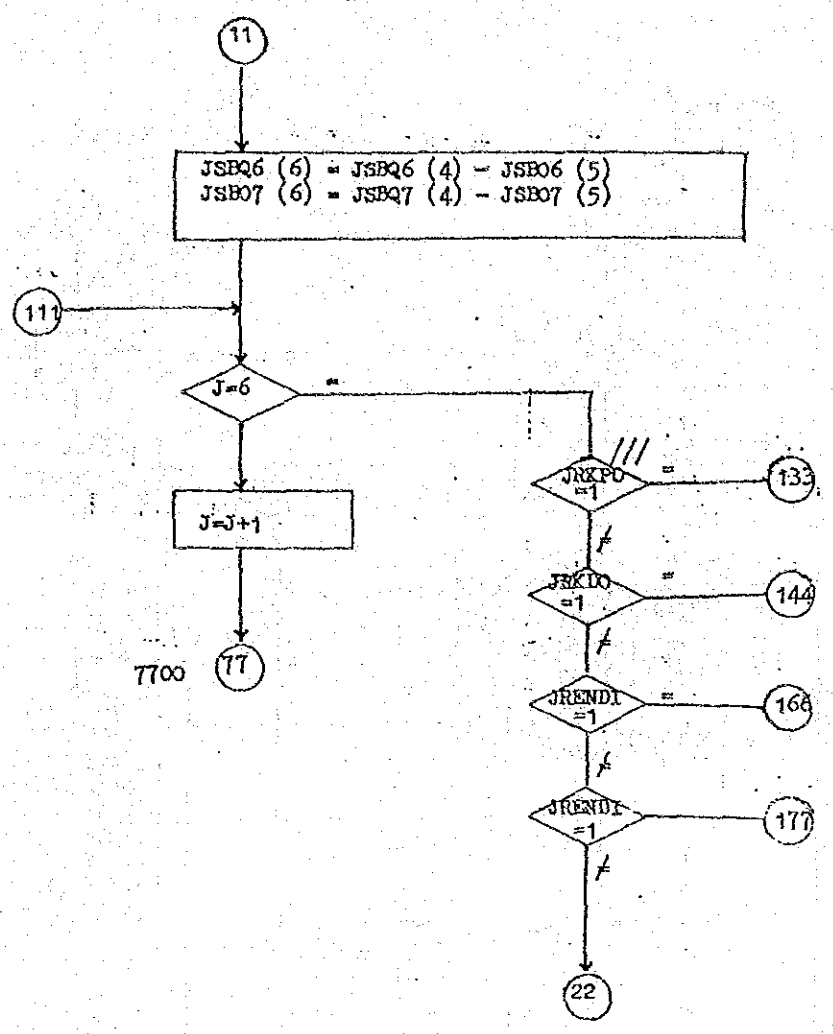


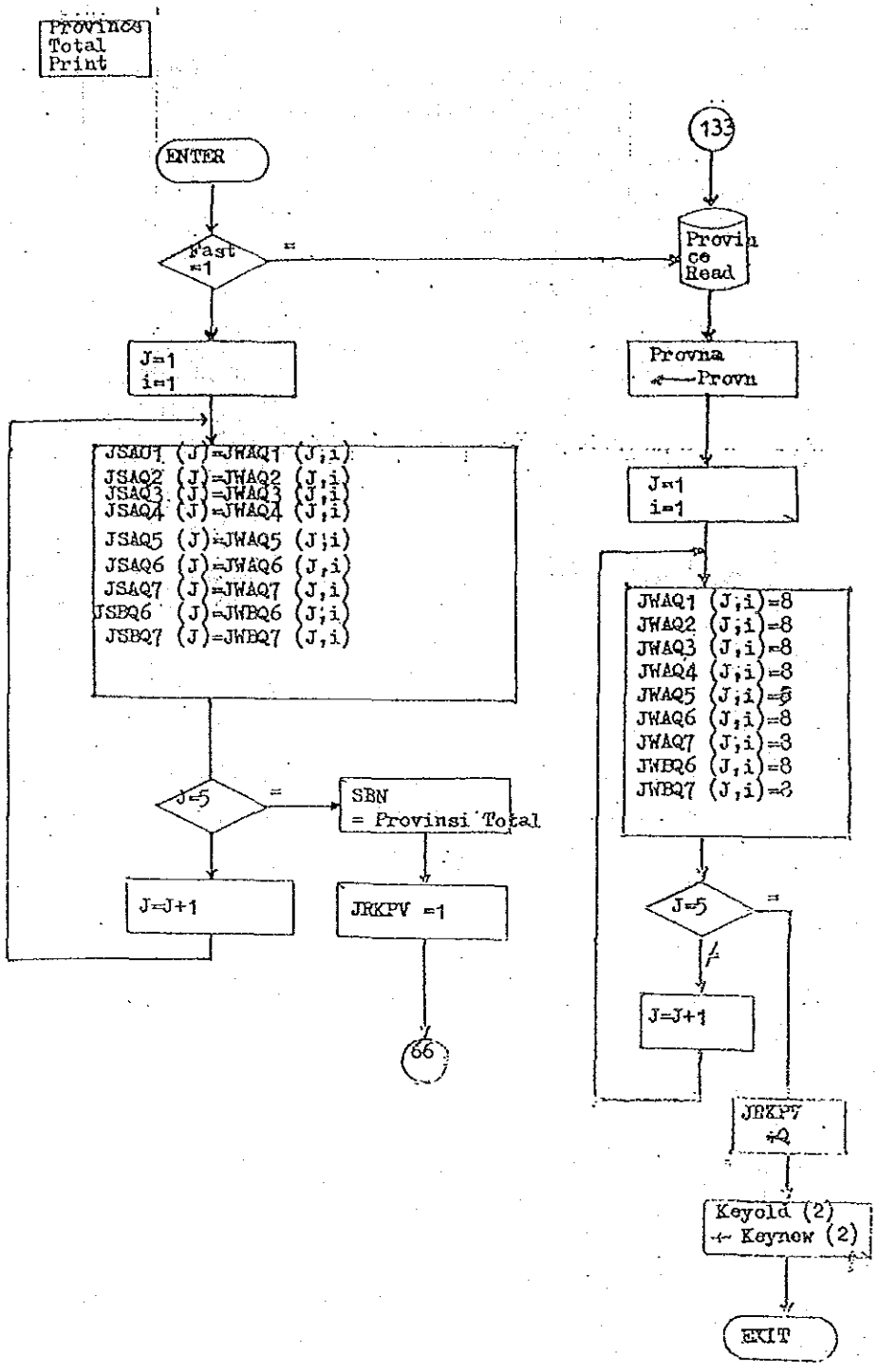

7
J = 1
Write
SUBPROJECT NAME
77
Write
SUB TITLE
CALL
CALL Komai (JSAQ1(J), PRAR(1),11,Q)
CALL
CALL Komai (JSAQ2(J), PRAR(2),11,Q)
CALL
(JSAQ3(J), PRAR(3),11,Q)
CALL
(JSAQ4(J),PRAR(7),11,Q)
CALL
(JSAQ5(J), PRAR(5),11,Q)
CALL
(JSAQ6(J), PRAR(6),11,Q)
CALL
(JSAQ7(J), PRAR(7),11,Q)
JST = JSAQ1(J) + JSAQ2(J) + JSAQ3(J) + JSAQ4(J)
+ JSAQ5(J) + JSAQ6(J) + JSAQ7
18

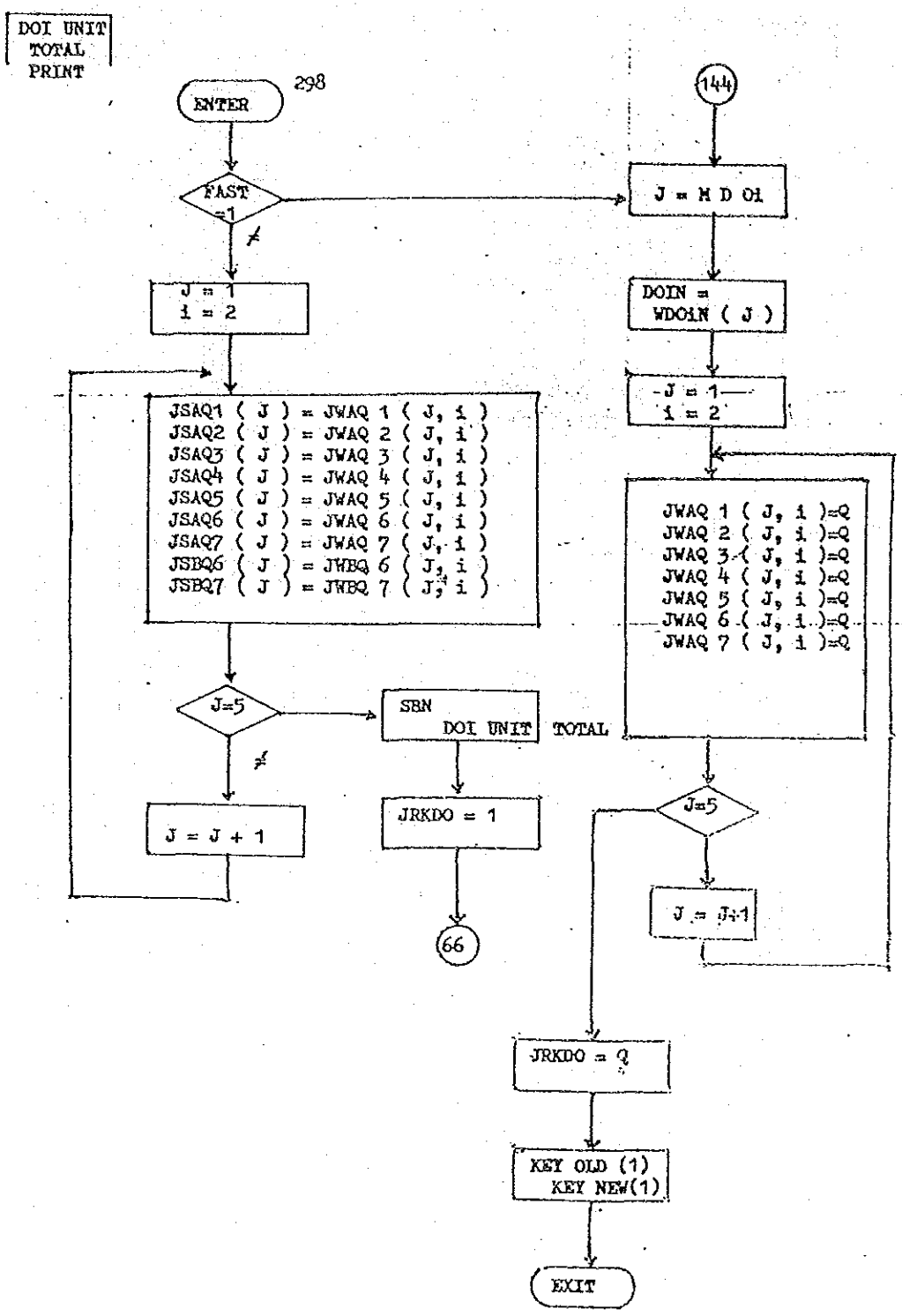

8
CALL
CALL Komai (JST, PRAR (8),11,Q)
Write (APBN)
PERS(1) = JSAQ1(J) – JTOTAL X 100.000 + 0.005
PERS(2) = JSAQ2(J) – JTOTAL X 100.000 + 0.005
PERS(3) = JSAQ3(J) – JTOTAL X 100.000 + 0.005
PERS(4) = JSAQ4(J) – JTOTAL X 100.000 + 0.005
PERS(5) = JSAQ5(J) – JTOTAL X 100.000 + 0.005
PERS(6) = JSAQ6(J) – JTOTAL X 100.000 + 0.005
PERS(7) = JSAQ7(J) – JTOTAL X 100.000 + 0.005
PERS(8) = JST – JTOTAL X 100.000 + 0.005
Write (APBN%)
CALL
Call Komai (JSBQ6(J), PRAR (6),11,Q)
CALL
Call Komai (JSBQ7(5), PRAR (7),11,Q)
JST1 = JSBQ6(J) + JSBQ7(J)
CALL
Call Komai (JST1, PRAR(8),11,8)
Write (Bln)
9

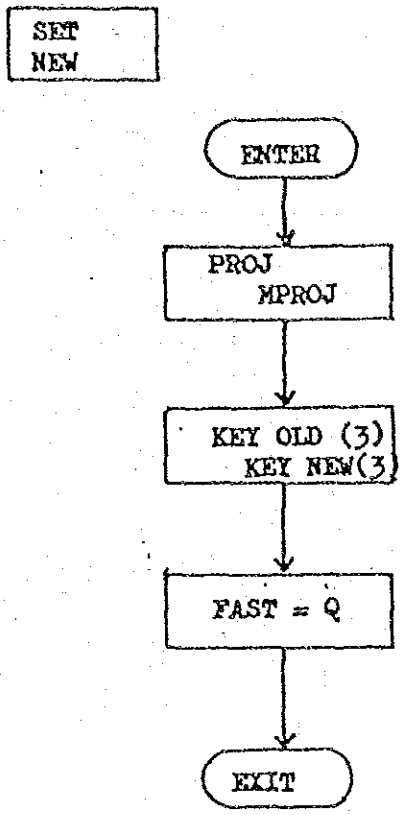

9
PERS(6) = JSBQ6(J) - JTOTAL X 100.000 + 0.005
PERS(7) = JSBQ7(J) - JTOTAL X 100.000 + 0.005
PERS(8) = JSTI - JTOTAL X 100.000 + 0.005
Write (H,F%)
10

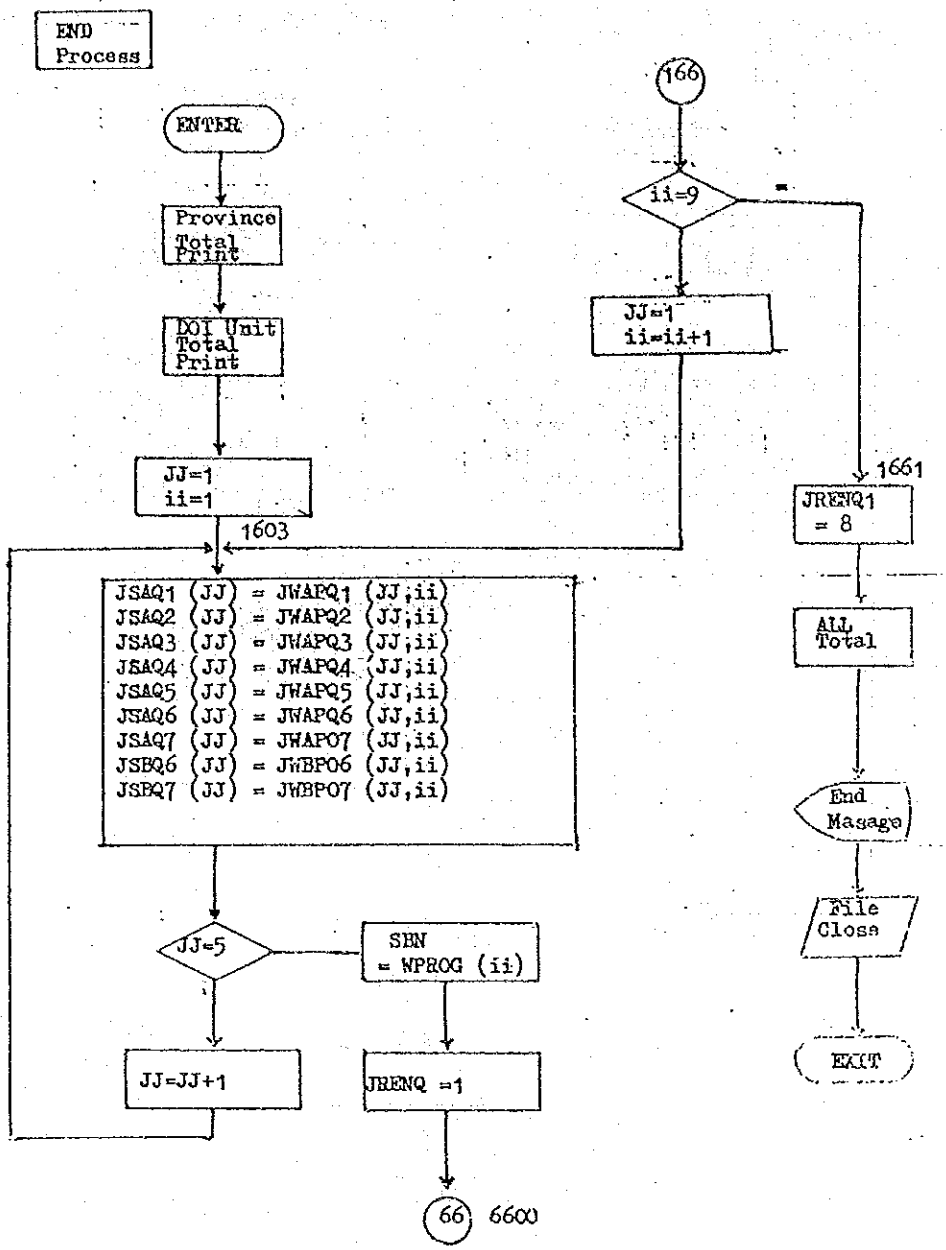

10
J=1
≠
=
JST2 = JSAQ6(J) + JSBQ6(J)
JST3 = JSAQ7(J) + JSBQ7(J)
CALL
CALL KOMA1 (JST2, PRAR (6), 11, Q)
CALL
CALL KOMA1 (JST3, PRAR (7), 11, Q)
CALL
CALL KOMA1 (JT.TAL, PRAR (8), 11,8)
WRITE (TOTAL)
PERS (6) = JST2 + JT.TAL X 100.000 + 0,005
PERS (7) = JST3 + JT.TAL X 100.000 + 0,005
PERS (8) = JTOTAL + JTOTAL X 100.000 + 0,005
WRITE (TOTAIS)
1001
111
J=5
=
JSAQ1 (6) = JSAQ1 (4) - JSAQ1(5)
JSAQ2 (6) = JSAQ2 (4) - JSAQ2(5)
JSAQ3 (6) = JSAQ3 (4) - JSAQ3(5)
JSAQ4 (6) = JSAQ4 (4) - JSAQ4(5)
JSAQ5 (6) = JSAQ5 (4) - JSAQ5(5)
JSAQ6 (6) = JSAQ6 (4) - JSAQ6(5)
JSAQ7 (6) = JSAQ7 (4) - JSAQ7(5)
11


11
JSBQ6 (6) = JSBQ6 (4) - JSBO6 (5)
JSBO7 (6) = JSBQ7 (4) - JSBO7 (5)
111
J=6
J=J+1
7700
77
JRKPO =1
133
JRKIO =1
144
JRENDI =1
166
JRENDI =1
177
22


Provinces Total Print
ENTER
Fast =1
=
Provin ce Read
133
J=1
i=1
Provna ←Provn
JSAQ1 (J)=JWAQ1 (J,i)
JSAQ2 (J)=JWAQ2 (J,i)
JSAQ3 (J)=JWAQ3 (J,i)
JSAQ4 (J)=JWAQ4 (J,i)
JSAQ5 (J)=JWAQ5 (J,i)
JSAQ6 (J)=JWAQ6 (J,i)
JSAQ7 (J)=JWAQ7 (J,i)
JSBQ6 (J)=JWBQ6 (J,i)
JSBQ7 (J)=JWBQ7 (J,i)
J=1
i=1
JWAQ1 (J,i)=8
JWAQ2 (J,i)=8
JWAQ3 (J,i)=8
JWAQ4 (J,i)=8
JWAQ5 (J,i)=8
JWAQ6 (J,i)=8
JWAQ7 (J,i)=8
JWBQ6 (J,i)=8
JWBQ7 (J,i)=8
J=5
=
SBN = Provinsi Total
J=J+1
JRKPV =1
66
J=5
=
J=J+1
JRKPV =2
Keyold (2) ← Keynew (2)
EXIT


DOI UNIT
TOTAL
PRINT
ENTER
298
FAST
=1
≠
J = 1
i = 2
JSAQ1 (J) = JWAQ 1 (J, i)
JSAQ2 (J) = JWAQ 2 (J, i)
JSAQ3 (J) = JWAQ 3 (J, i)
JSAQ4 (J) = JWAQ 4 (J, i)
JSAQ5 (J) = JWAQ 5 (J, i)
JSAQ6 (J) = JWAQ 6 (J, i)
JSAQ7 (J) = JWAQ 7 (J, i)
JSBQ6 (J) = JWBQ 6 (J, i)
JSBQ7 (J) = JWBQ 7 (J, i)
J=5
≠
J = J + 1
SBN
DOI UNIT
TOTAL
JRKDO = 1
66
144
J = M D 01
DOIN =
WDOIN (J)
J = 1
i = 2
JWAQ 1 (J, i)=Q
JWAQ 2 (J, i)=Q
JWAQ 3 (J, i)=Q
JWAQ 4 (J, i)=Q
JWAQ 5 (J, i)=Q
JWAQ 6 (J, i)=Q
JWAQ 7 (J, i)=Q
J=5
J = J+1
JRKDO = Q
KEY OLD (1)
KEY NEW(1)
EXIT


SET
NEW
ENTER
PROJ
MPROJ
KEY OLD (3)
KEY NEW(3)
FAST = Q
EXIT


END
Process
ENTER
Province
Total
Print
DOI Unit
Total
Print
JJ=1
ii=1
1603
JSAQ1 (JJ) = JWAPQ1 (JJ;ii)
JSAQ2 (JJ) = JWAPQ2 (JJ;ii)
JSAQ3 (JJ) = JWAPQ3 (JJ;ii)
JSAQ4 (JJ) = JWAPQ4 (JJ;ii)
JSAQ5 (JJ) = JWAPQ5 (JJ;ii)
JSAQ6 (JJ) = JWAPQ6 (JJ,ii)
JSAQ7 (JJ) = JWAPQ7 (JJ;ii)
JSBQ6 (JJ) = JWBPQ6 (JJ,ii)
JSBQ7 (JJ) = JWBPQ7 (JJ,ii)
JJ=5
SEN
= WPROG (ii)
JJ=JJ+1
JRENQ =1
66
6600
166
ii=9
JJ=1
ii=ii+1
1661
JRENQ1
= 8
All
Total
End
Masage
File
Close
EXIT

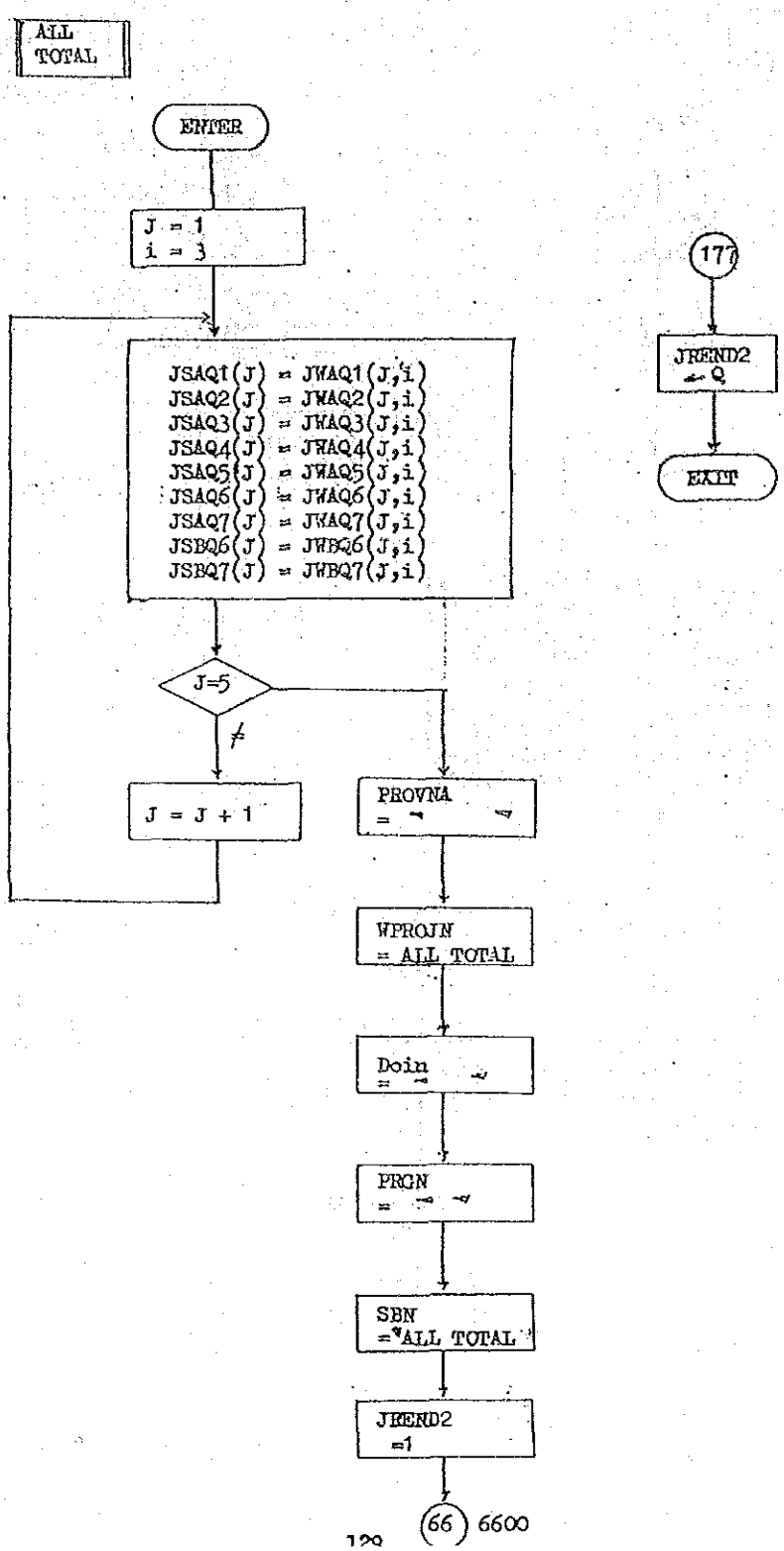
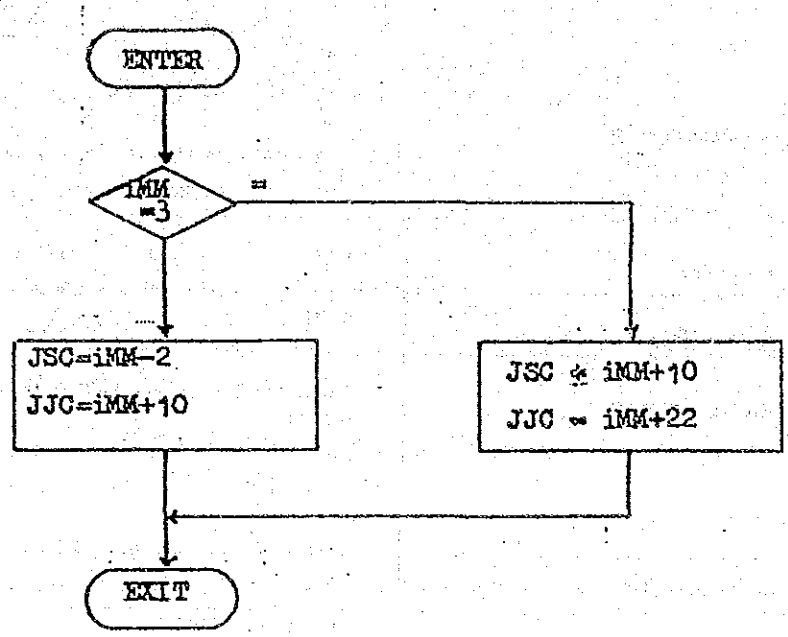

ALL TOTAL
ENTER
J = 1
i = 3
JSAQ1(J) = JWAQ1(J,i)
JSAQ2(J) = JWAQ2(J,i)
JSAQ3(J) = JWAQ3(J,i)
JSAQ4(J) = JWAQ4(J,i)
JSAQ5(J) = JWAQ5(J,i)
JSAQ6(J) = JWAQ6(J,i)
JSAQ7(J) = JWAQ7(J,i)
JSBQ6(J) = JWBQ6(J,i)
JSBQ7(J) = JWBQ7(J,i)
J=5
≠
J = J + 1
PROVNA
WPROJN
= ALL TOTAL
Doin
PRGN
SBN
=ALL TOTAL
JKEND2
=1
66
6600
177
JKEND2
= Q
EXIT

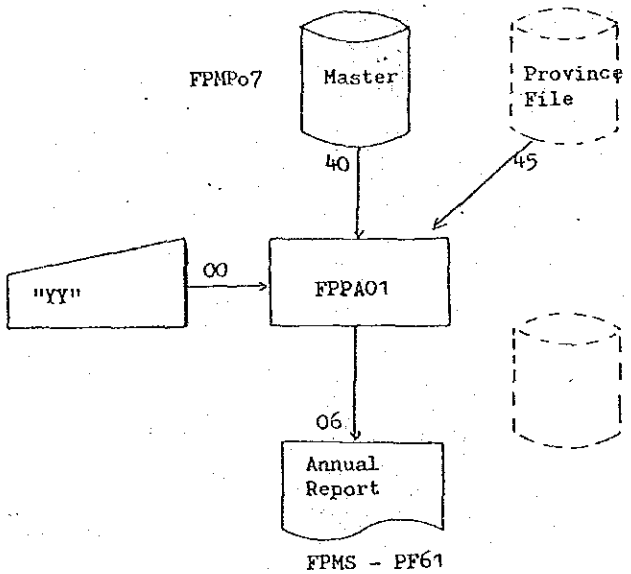
TABLE KEY SET



Program Description

Name of System	FPMS
Name of Program	FPPA01
Function of Program	This program make annually report. The name of rrport is FPMS - PF61
Date of Production	
Hardware	NEC ACOS - 250
Operating System	ACOS - 2
Programming Language	FORTRAN
Produced by	S. Oku

Flow



EXPLANATION

This program (FPPA01) intends output for annual report

(1) Accept the date from console.
Operater input month and year.

(2) Read the master file
If the file is the end, doing end process
and this program is the end.

(3) Compare Processing

a) Fiscal year of master file ≠ year of inputing from console
Return to read the master file

b) New DOI code ≠ old DOI code
Write province total and DOI unit total to printer
Set the now header
Go to totalige data

c) New province code ≠ old province code
write province total to printer
Set the now header.
Go to totalige data

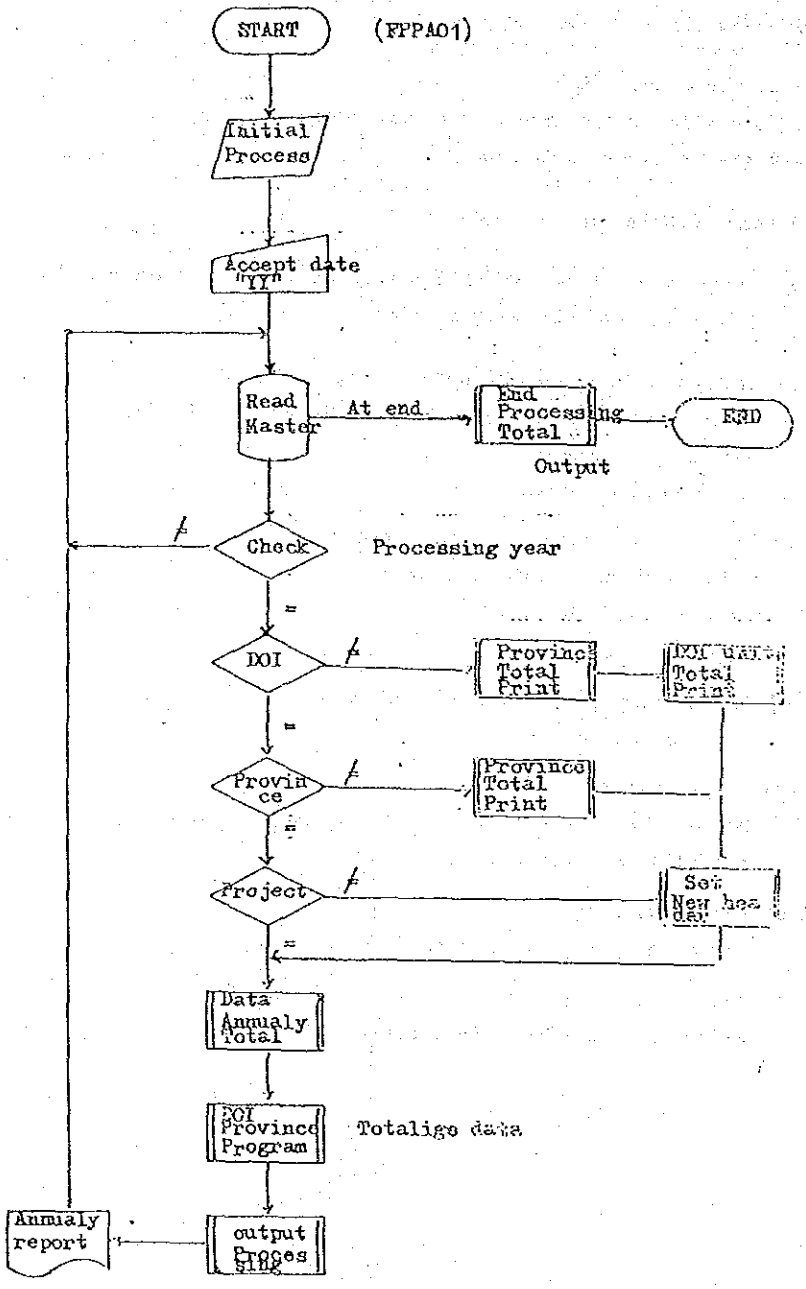
d) New project code ≠ old project code
Set the now header

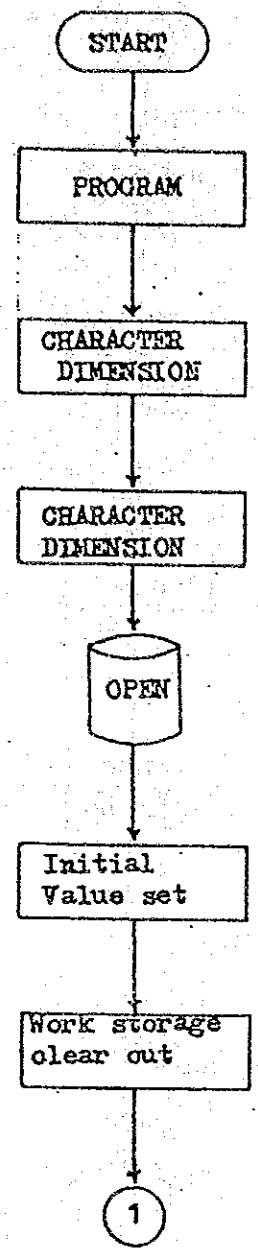
(4) Totalige data
The master data addition to DOI storage, province storage, program stor
all totalige storage.

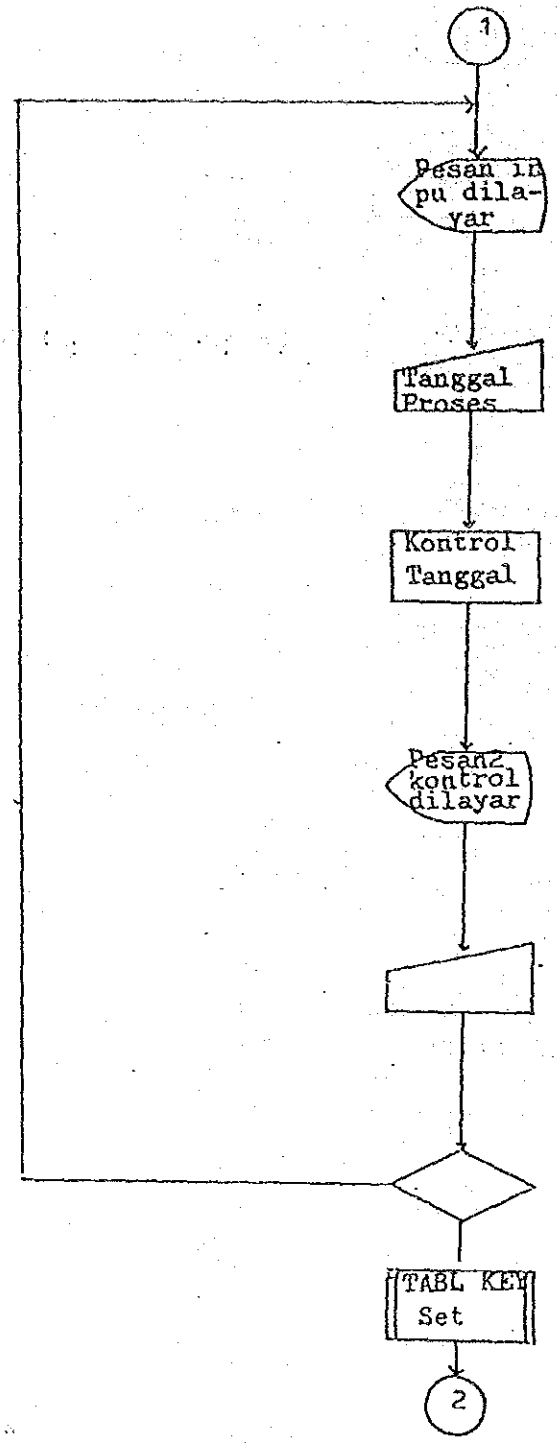
(5) Output processing
Set annualy report data to output storage

(6) Annualy report print
Write annuely report to printer

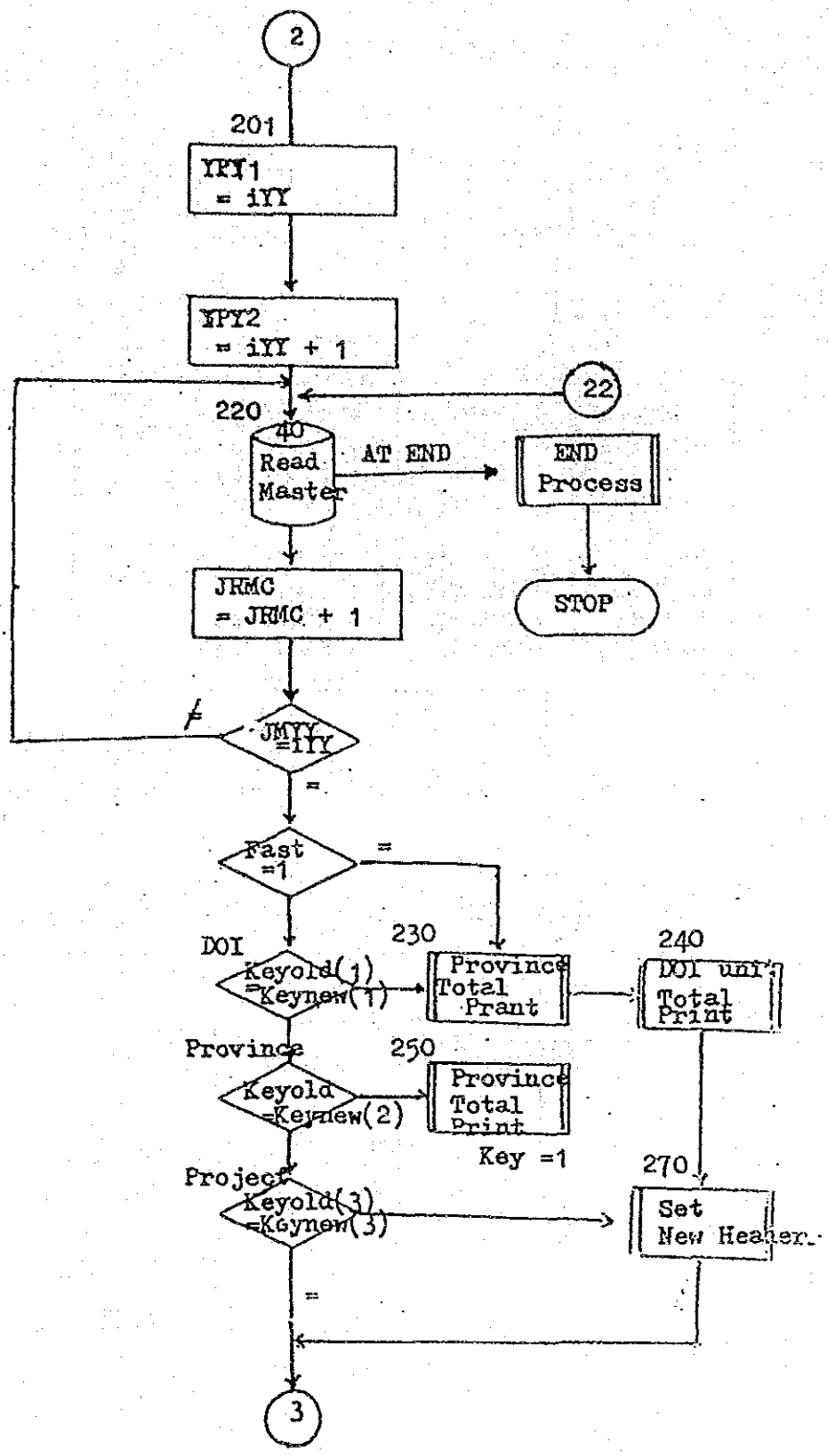
BLOCK FLOWCHART

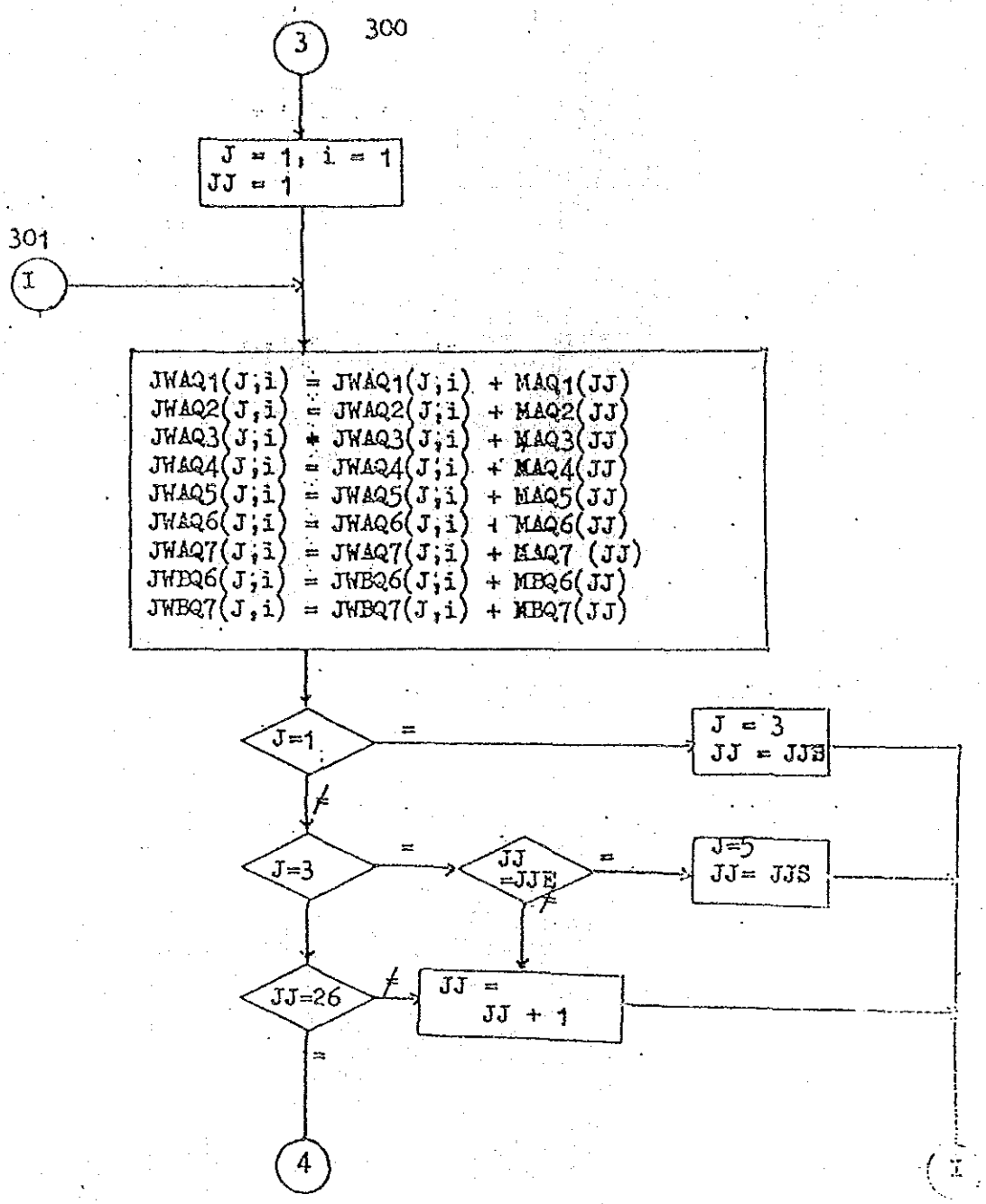


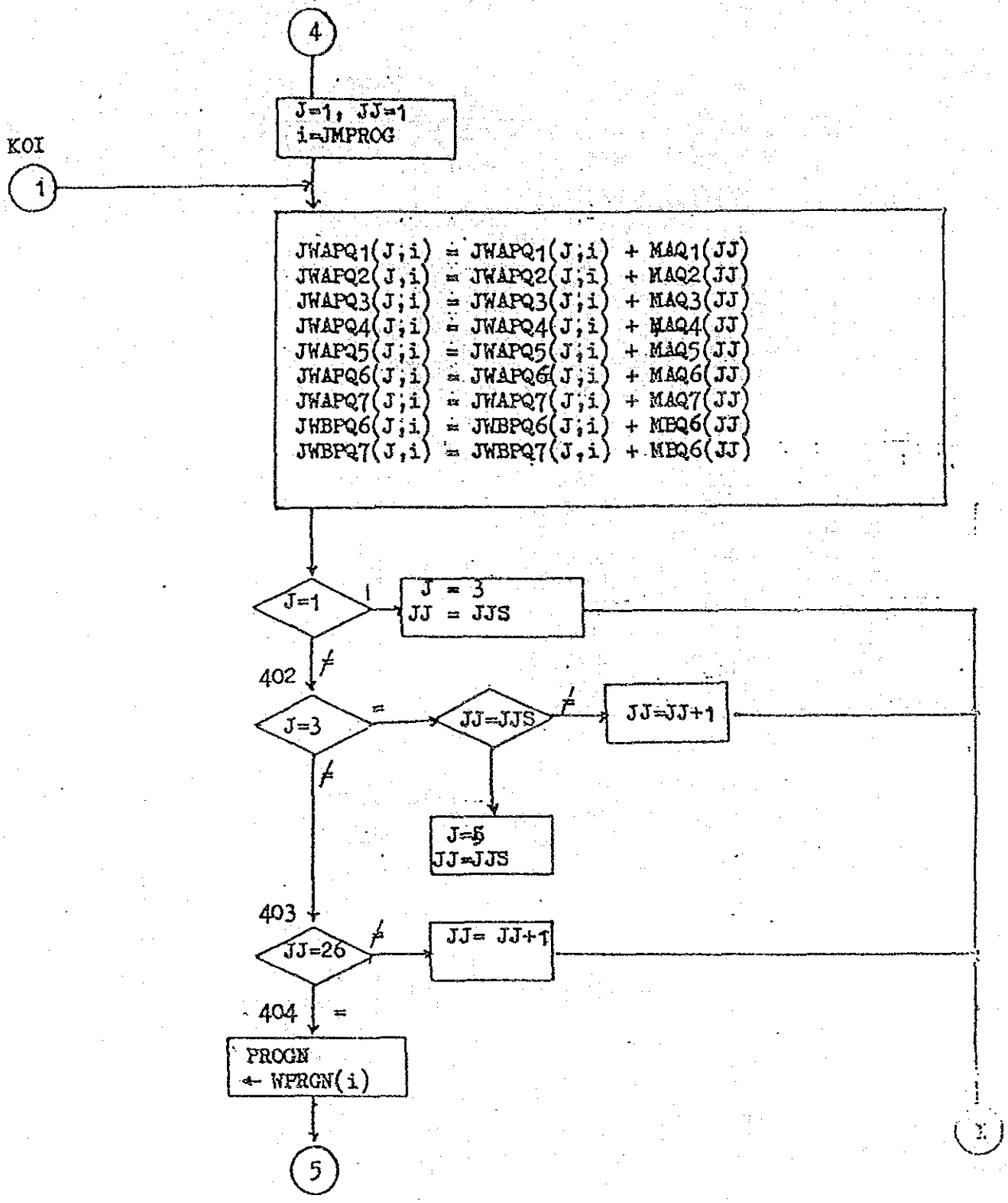

START
PROGRAM
FPPAQ1
CHARACTER DIMENSION
Master file storage
CHARACTER DIMENSION
Work atorage
OPEN
FTMPO7 (40)
PROVINCE (43)
Initial Value set
Work storage clear out
1

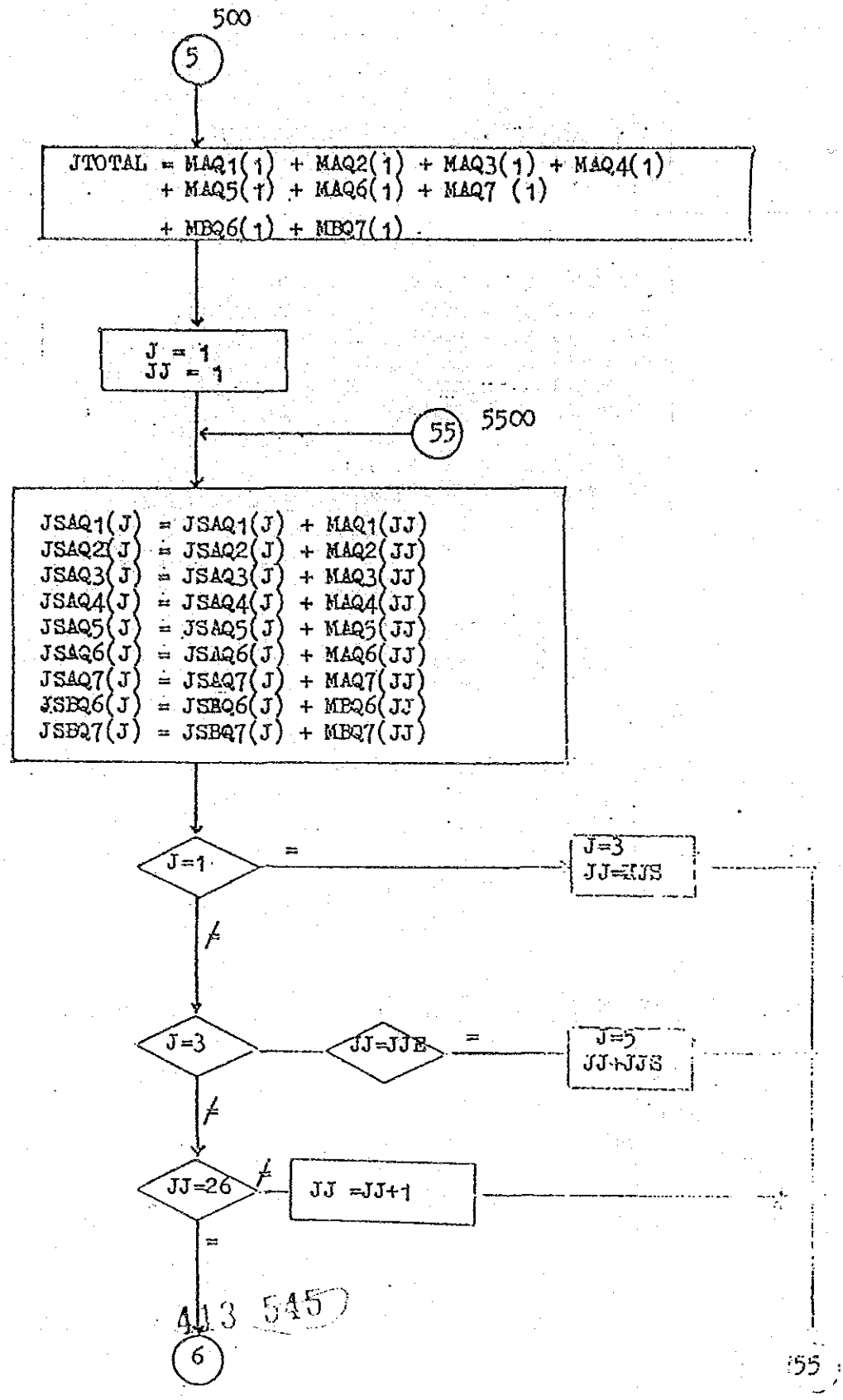


JSS = 2
JSE = 13
JJS = 14
JJE = 25

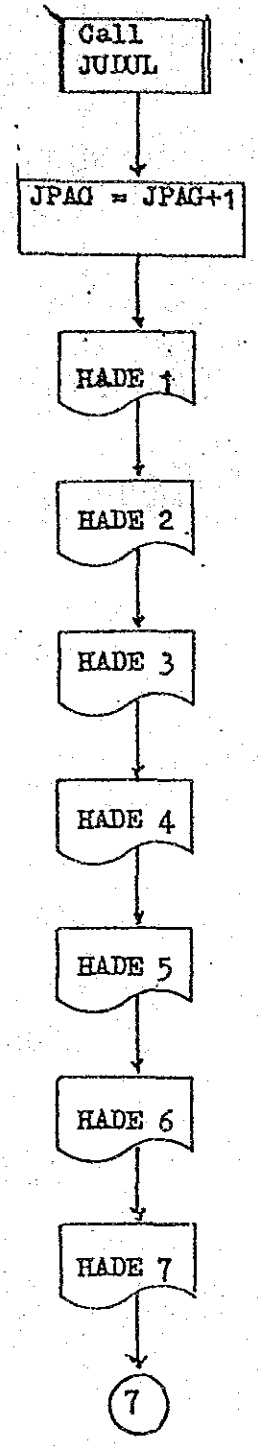

2
201
YY1
= iYY
YPY2
= iYY + 1
22
220
40
Read
Master
AT END
END
Process
STOP
JRMC
= JRMC + 1
≠
JMYY
=iYY
=
Fast
=1
=
DOI
Keyold(1)
=Keynew(1)
230
Province
Total
Prant
240
DOI uni
Total
Print
Province
Keyold
=Keynew(2)
250
Province
Total
Print
Key =1
Project
Keyold(3)
=Keynew(3)
270
Set
New Header
=
3


3
300
J = 1, i = 1
JJ = 1
301
I
JWAQ1(J;i) = JWAQ1(J;i) + MAQ1(JJ)
JWAQ2(J,i) = JWAQ2(J;i) + MAQ2(JJ)
JWAQ3(J;i) = JWAQ3(J;i) + MAQ3(JJ)
JWAQ4(J;i) = JWAQ4(J;i) + MAQ4(JJ)
JWAQ5(J;i) = JWAQ5(J;i) + MAQ5(JJ)
JWAQ6(J;i) = JWAQ6(J;i) + MAQ6(JJ)
JWAQ7(J;i) = JWAQ7(J;i) + MAQ7 (JJ)
JWBQ6(J;i) = JWBQ6(J;i) + MBQ6(JJ)
JWBQ7(J,i) = JWBQ7(J,i) + MBQ7(JJ)
J=1
=
J = 3
JJ = JJ3
≠
J=3
=
JJ =JJE
=
J=5
JJ= JJ5
≠
JJ=26
≠
JJ =
JJ + 1
=
4

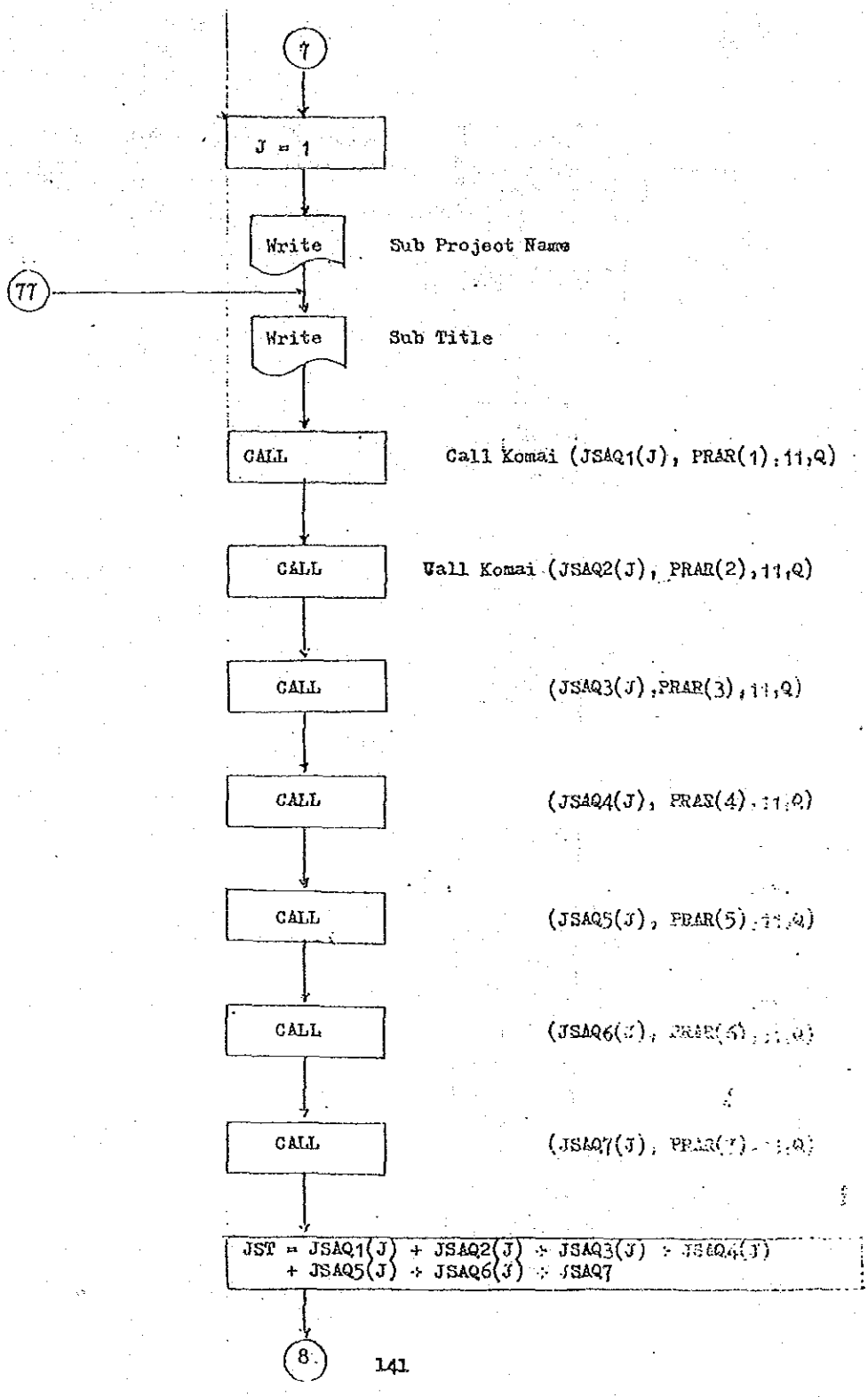

4
J=1, JJ=1
i=JMPROG
KOI
1
JWAPQ1(J;i) = JWAPQ1(J;i) + MAQ1(JJ)
JWAPQ2(J,i) = JWAPQ2(J;i) + MAQ2(JJ)
JWAPQ3(J;i) = JWAPQ3(J;i) + MAQ3(JJ)
JWAPQ4(J;i) = JWAPQ4(J;i) + MAQ4(JJ)
JWAPQ5(J;i) = JWAPQ5(J;i) + MAQ5(JJ)
JWAPQ6(J;i) = JWAPQ6(J;i) + MAQ6(JJ)
JWAPQ7(J;i) = JWAPQ7(J;i) + MAQ7(JJ)
JWBPQ6(J;i) = JWBPQ6(J;i) + MBQ6(JJ)
JWBPQ7(J,i) = JWBPQ7(J,i) + MBQ6(JJ)
J=1
1
J = 3
JJ = JJS
402
≠
J=3
=
JJ=JJS
≠
JJ=JJ+1
≠
J=5
JJ=JJS
403
JJ=26
≠
JJ= JJ+1
404
=
PROGN
← WPRGN(i)
5
X


500
5
JTOTAL = MAQ1(1) + MAQ2(1) + MAQ3(1) + MAQ4(1)
+ MAQ5(1) + MAQ6(1) + MAQ7 (1)
+ MBQ6(1) + MBQ7(1)
J = 1
JJ = 1
55
5500
JSAQ1(J) = JSAQ1(J) + MAQ1(JJ)
JSAQ2(J) = JSAQ2(J) + MAQ2(JJ)
JSAQ3(J) = JSAQ3(J) + MAQ3(JJ)
JSAQ4(J) = JSAQ4(J) + MAQ4(JJ)
JSAQ5(J) = JSAQ5(J) + MAQ5(JJ)
JSAQ6(J) = JSAQ6(J) + MAQ6(JJ)
JSAQ7(J) = JSAQ7(J) + MAQ7(JJ)
JSBQ6(J) = JSBQ6(J) + MBQ6(JJ)
JSBQ7(J) = JSBQ7(J) + MBQ7(JJ)
J=1
=
J=3
JJ=IJS
≠
J=3
JJ=JJE
=
J=5
JJ=JJS
≠
JJ=26
≠
JJ =JJ+1
=
413 545
6
55

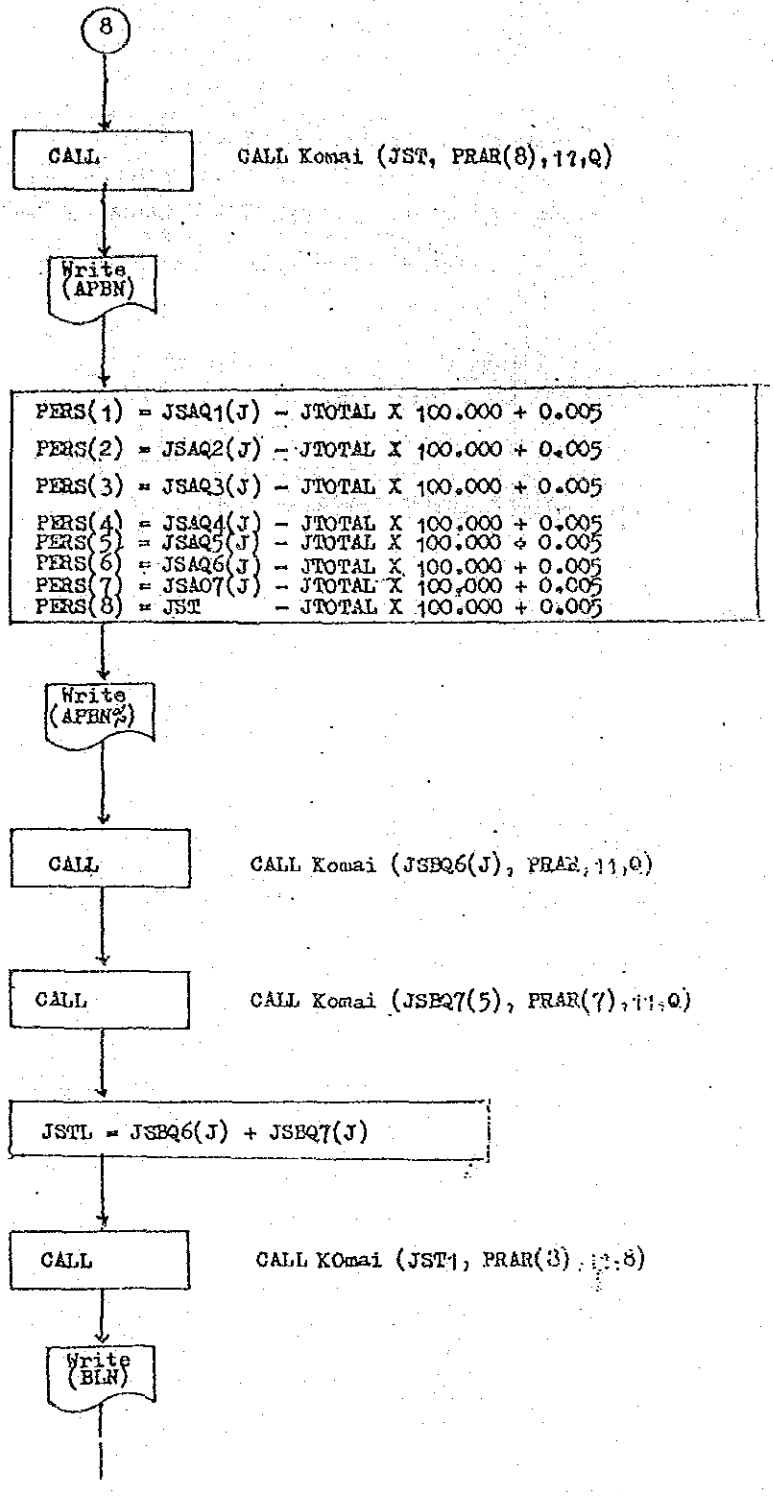
(66)

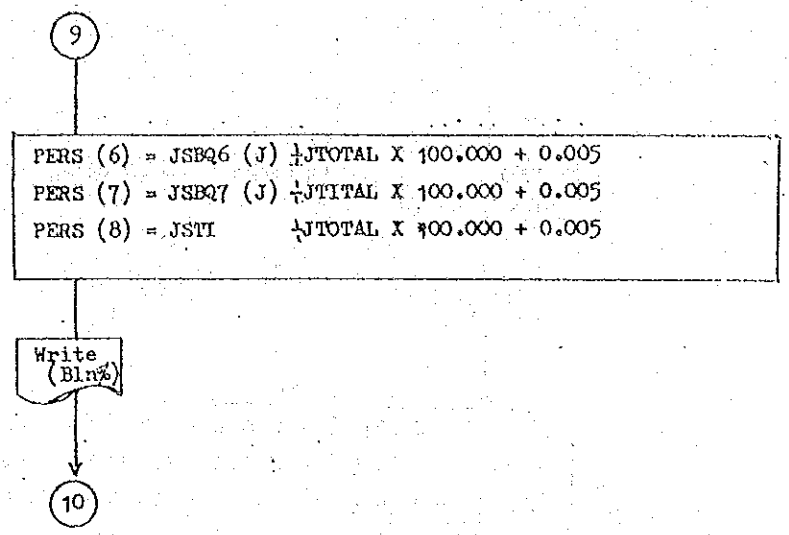


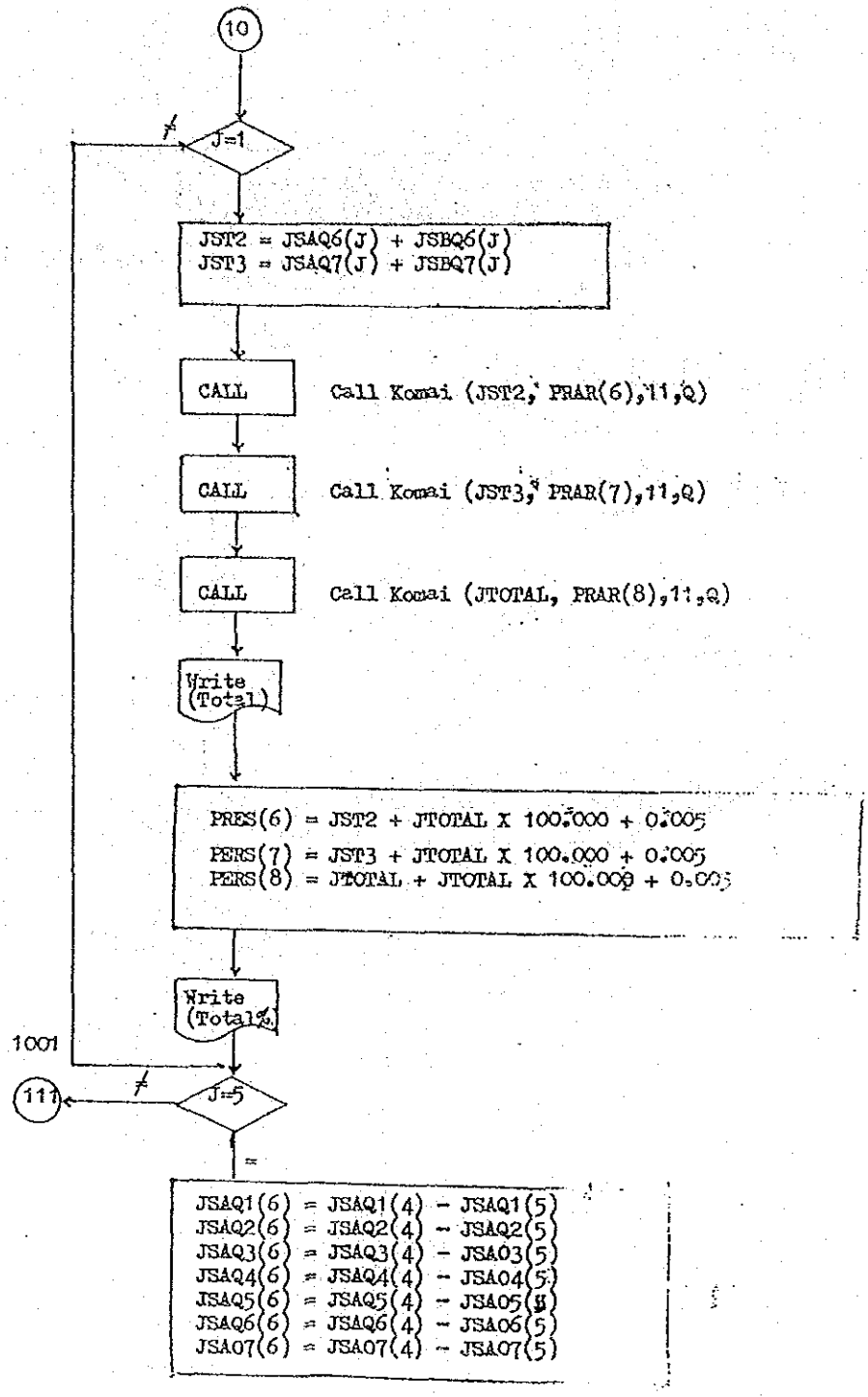
CALL JUDUL (FPMS - PFQ1)

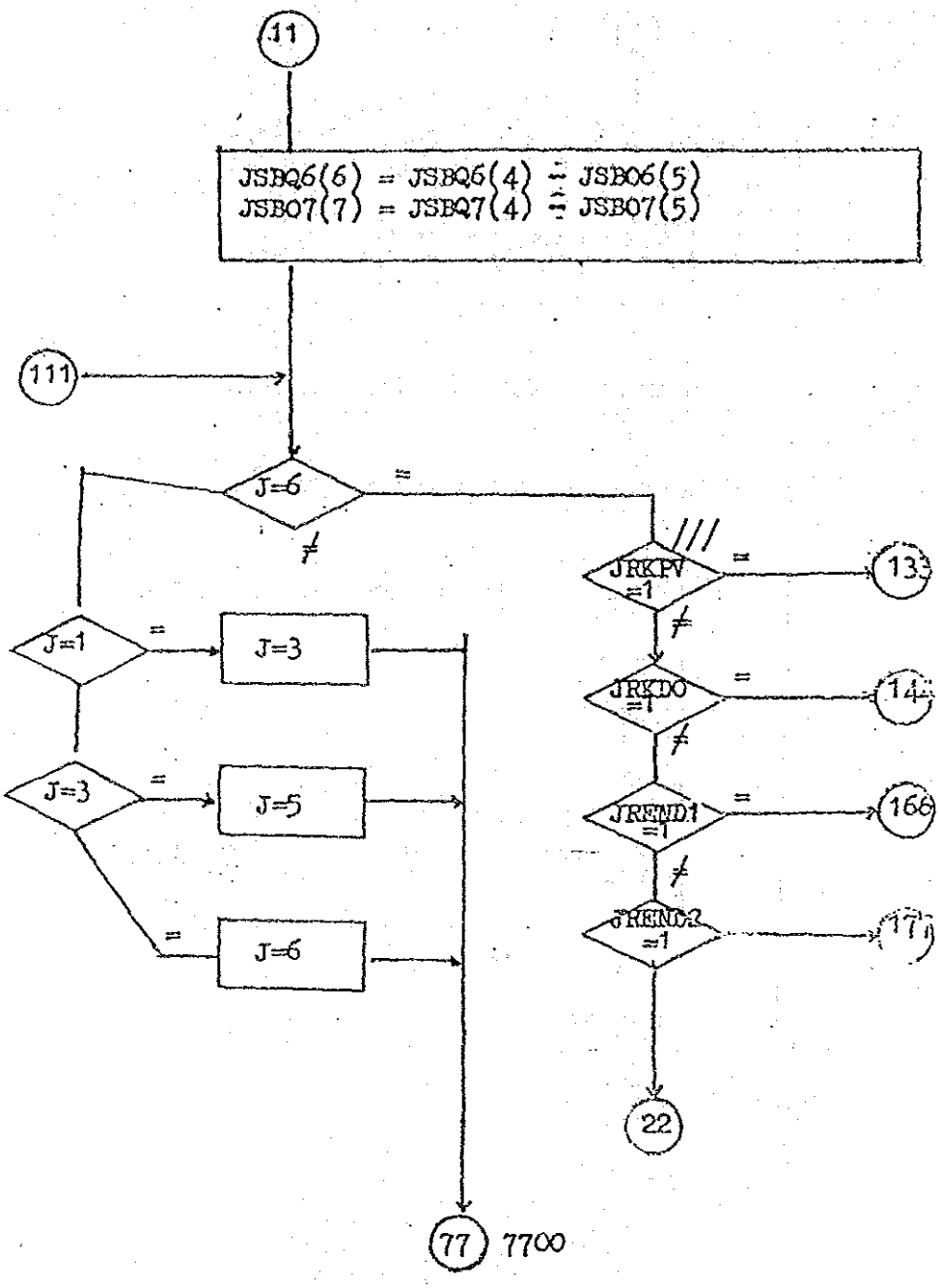

7
J = 1
Write
Sub Projeot Name
77
Write
Sub Title
CALL
Call Komai (JSAQ1(J), PRAR(1),11,Q)
CALL
Wall Komai (JSAQ2(J), PRAR(2),11,Q)
CALL
(JSAQ3(J),PRAR(3),11,Q)
CALL
(JSAQ4(J), PRAR(4),11,Q)
CALL
(JSAQ5(J), PRAR(5),11,Q)
CALL
CALL
JST = JSAQ1(J) + JSAQ2(J) + JSAQ3(J) + JSAQ4(J)
+ JSAQ5(J) + JSAQ6(J) + JSAQ7
8

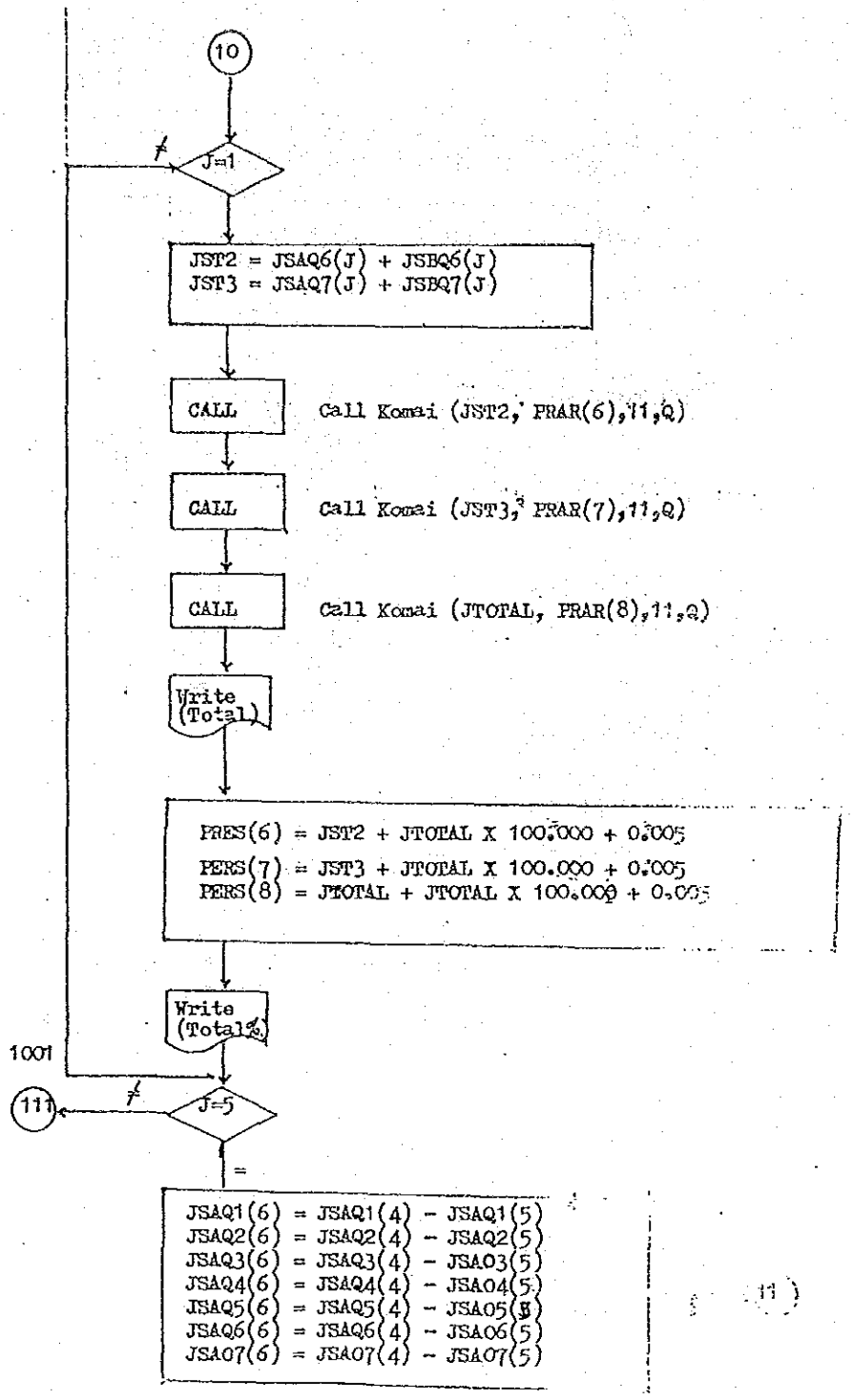
141

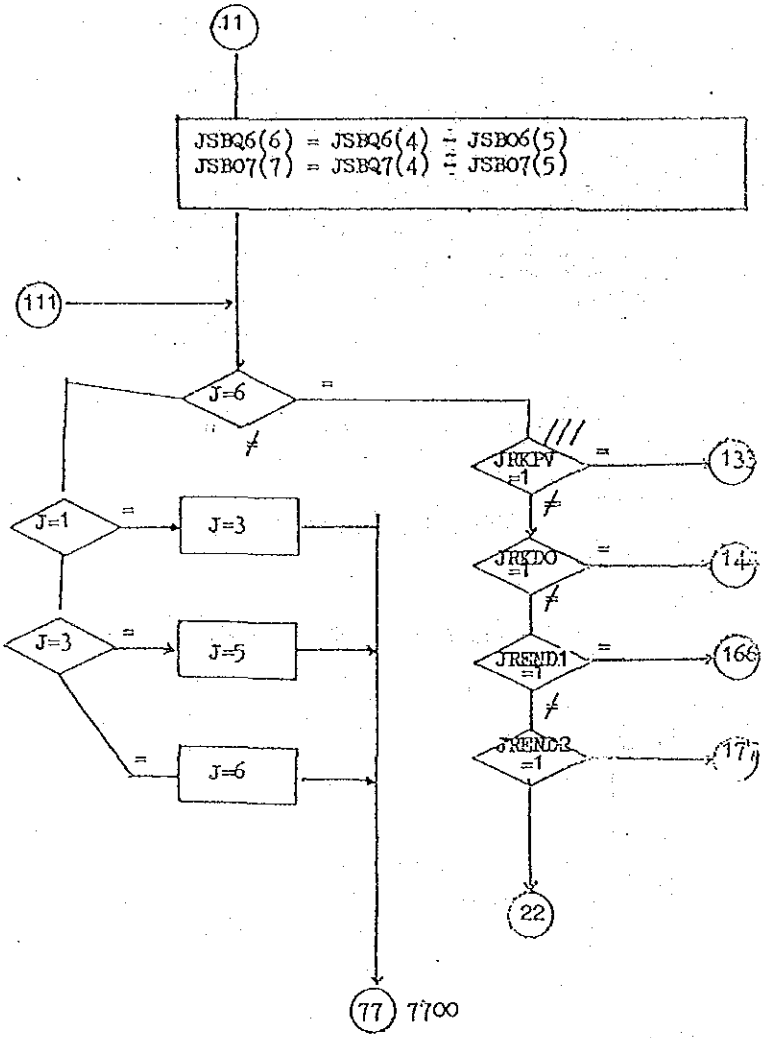

8
CALL
CALL Komai (JST, PRAR(8),11,Q)
Write (APBN)
PERS(1) = JSAQ1(J) - JTOTAL X 100.000 + 0.005
PERS(2) = JSAQ2(J) - JTOTAL X 100.000 + 0.005
PERS(3) = JSAQ3(J) - JTOTAL X 100.000 + 0.005
PERS(4) = JSAQ4(J) - JTOTAL X 100.000 + 0.005
PERS(5) = JSAQ5(J) - JTOTAL X 100.000 + 0.005
PERS(6) = JSAQ6(J) - JTOTAL X 100.000 + 0.005
PERS(7) = JSAQ7(J) - JTOTAL X 100.000 + 0.005
PERS(8) = JST - JTOTAL X 100.000 + 0.005
Write (APBN%)
CALL
CALL Komai (JSBQ6(J), PRAR,11,Q)
CALL
CALL Komai (JSBQ7(5), PRAR(7),11,Q)
JSTL = JSBQ6(J) + JSBQ7(J)
CALL
CALL KOmai (JST1, PRAR(3),11,8)
Write (BLN)

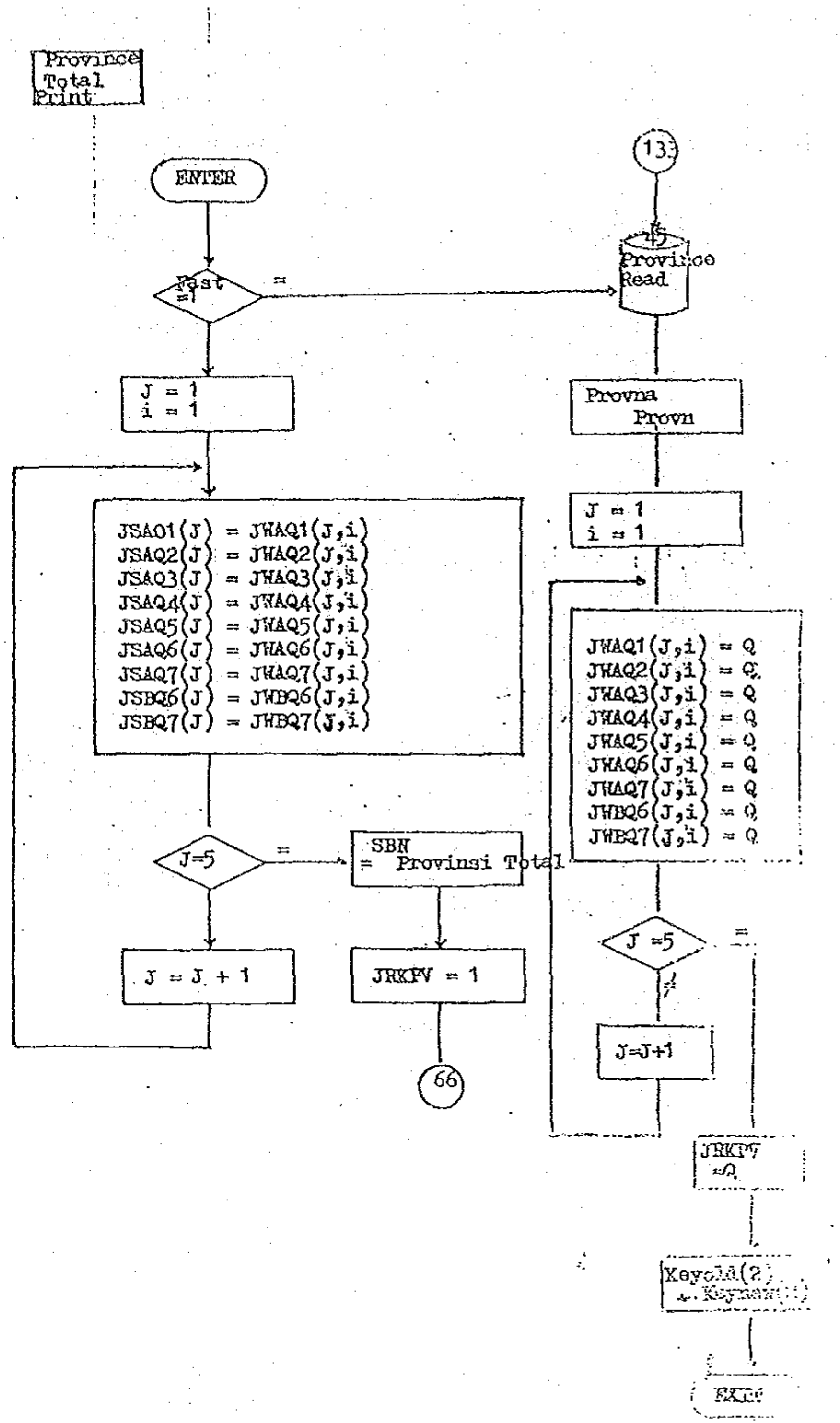

9
PERS (6) = JSBQ6 (J) ÷JTOTAL X 100.000 + 0.005
PERS (7) = JSBQ7 (J) ÷JTITAL X 100.000 + 0.005
PERS (8) = JSTI ÷JTOTAL X 100.000 + 0.005
Write (Blnk)
10

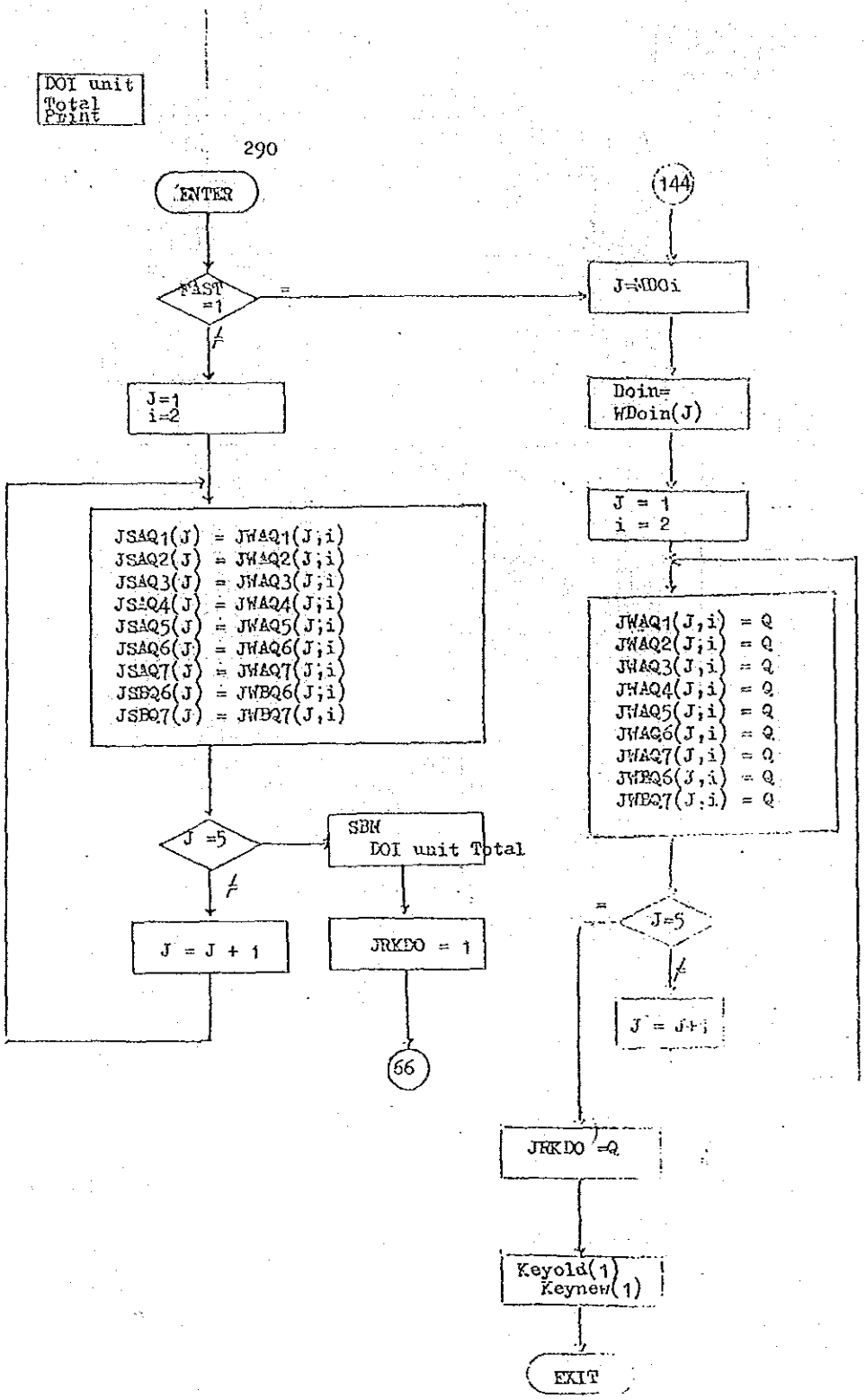

10
J=1
≠
JST2 = JSAQ6(J) + JSBQ6(J)
JST3 = JSAQ7(J) + JSBQ7(J)
CALL
Call Komai (JST2, PRAR(6),11,Q)
CALL
Call Komai (JST3, PRAR(7),11,Q)
CALL
Call Komai (JTOTAL, PRAR(8),11,Q)
Write (Total)
PRES(6) = JST2 + JTOTAL X 100.000 + 0.005
PERS(7) = JST3 + JTOTAL X 100.000 + 0.005
PERS(8) = JTOTAL + JTOTAL X 100.000 + 0.005
Write (Total2)
1001
11
≠
J=5
=
JSAQ1(6) = JSAQ1(4) - JSAQ1(5)
JSAQ2(6) = JSAQ2(4) - JSAQ2(5)
JSAQ3(6) = JSAQ3(4) - JSAQ3(5)
JSAQ4(6) = JSAQ4(4) - JSAQ4(5)
JSAQ5(6) = JSAQ5(4) - JSAQ5(5)
JSAQ6(6) = JSAQ6(4) - JSAQ6(5)
JSAQ7(6) = JSAQ7(4) - JSAQ7(5)

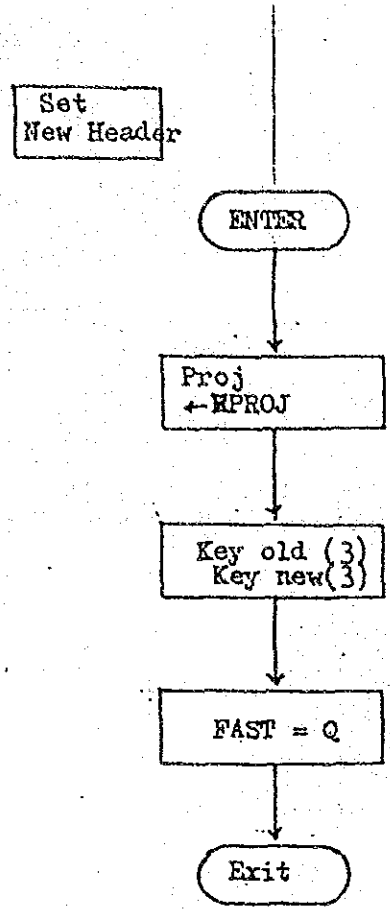

11
JSBQ6(6) = JSBQ6(4) = JSBO6(5)
JSBO7(7) = JSBQ7(4) = JSBO7(5)
111
J=6
=
≠
J=1
=
J=3
J=3
=
J=5
=
J=6
JRKPV =1
=
13
≠
JRKDO =1
=
14
≠
JRENDI =1
=
166
≠
JRENDZ =1
17
22
77
7700

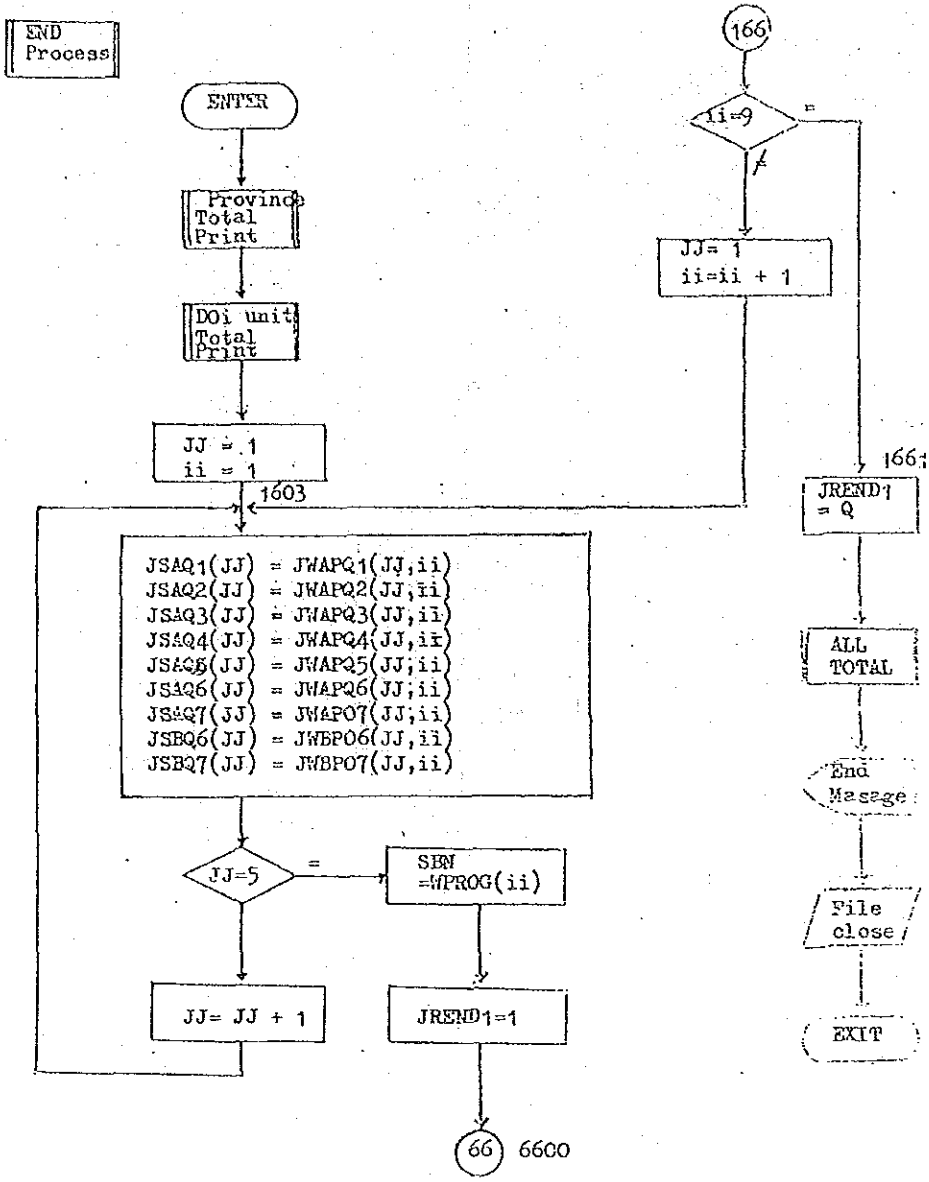

10
J=1
≠
JST2 = JSAQ6(J) + JSBQ6(J)
JST3 = JSAQ7(J) + JSBQ7(J)
CALL
Call Komai (JST2, PRAR(6),11,Q)
CALL
Call Komai (JST3, PRAR(7),11,Q)
CALL
Call Komai (JTOTAL, PRAR(8),11,Q)
Write (Total)
PRES(6) = JST2 + JTOTAL X 100.000 + 0.005
PERS(7) = JST3 + JTOTAL X 100.000 + 0.005
PERS(8) = JTOTAL + JTOTAL X 100.000 + 0.005
Write (Total%)
1001
111
≠
J=5
=
JSAQ1(6) = JSAQ1(4) - JSAQ1(5)
JSAQ2(6) = JSAQ2(4) - JSAQ2(5)
JSAQ3(6) = JSAQ3(4) - JSAQ3(5)
JSAQ4(6) = JSAQ4(4) - JSAQ4(5)
JSAQ5(6) = JSAQ5(4) - JSAQ5(5)
JSAQ6(6) = JSAQ6(4) - JSAQ6(5)
JSAQ7(6) = JSAQ7(4) - JSAQ7(5)


11
JSBQ6(6) = JSBQ6(4) + JSBO6(5)
JSBO7(7) = JSBQ7(4) + JSBO7(5)
111
J=6
=
≠
J=1
=
J=3
J=3
=
J=5
=
J=6
JRKPV =1
=
13
≠
JREDO =1
=
14
≠
JREND1 =1
=
16
≠
JREND2 =1
17
22
77
7700


Province Total Print
ENTER
Fast =1
=
J = 1
i = 1
JSAQ1(J) = JWAQ1(J,i)
JSAQ2(J) = JWAQ2(J,i)
JSAQ3(J) = JWAQ3(J,i)
JSAQ4(J) = JWAQ4(J,i)
JSAQ5(J) = JWAQ5(J,i)
JSAQ6(J) = JWAQ6(J,i)
JSAQ7(J) = JWAQ7(J,i)
JSBQ6(J) = JWBQ6(J,i)
JSBQ7(J) = JWBQ7(J,i)
J=5
=
SBN = Provinsi Total
J = J + 1
JRKPV = 1
66
13
15
Province Read
Provna Provn
J = 1
i = 1
JWAQ1(J,i) = Q
JWAQ2(J,i) = Q
JWAQ3(J,i) = Q
JWAQ4(J,i) = Q
JWAQ5(J,i) = Q
JWAQ6(J,i) = Q
JWAQ7(J,i) = Q
JWBQ6(J,i) = Q
JWBQ7(J,i) = Q
J =5
=
≠
J=J+1


DOI unit Total Print
290
ENTER
FAST =1
=
≠
J=MDOi
144
J=1
i=2
Doin= WDoin(J)
J = 1
i = 2
JSAQ1(J) = JWAQ1(J;i)
JSAQ2(J) = JWAQ2(J;i)
JSAQ3(J) = JWAQ3(J;i)
JSAQ4(J) = JWAQ4(J;i)
JSAQ5(J) = JWAQ5(J;i)
JSAQ6(J) = JWAQ6(J;i)
JSAQ7(J) = JWAQ7(J;i)
JSBQ6(J) = JWBQ6(J;i)
JSBQ7(J) = JWBQ7(J,i)
JWAQ1(J,i) = Q
JWAQ2(J;i) = Q
JWAQ3(J,i) = Q
JWAQ4(J,i) = Q
JWAQ5(J;i) = Q
JWAQ6(J,i) = Q
JWAQ7(J,i) = Q
JWBQ6(J,i) = Q
JWBQ7(J,i) = Q
J =5
SBM DOI unit Total
J = J + 1
JRKDO = 1
J=5
J = J+1
66
JRKDO =Q
Keyold(1) Keynew(1)
EXIT


Set
New Header
ENTER
Proj
←KPROJ
Key old (3)
Key new(3)
FAST = Q
Exit


END Process
ENTER
Province Total Print
DOi unit Total Print
JJ = 1
ii = 1
1603
JSAQ1(JJ) = JWAPQ1(JJ,ii)
JSAQ2(JJ) = JWAPQ2(JJ,ii)
JSAQ3(JJ) = JWAPQ3(JJ,ii)
JSAQ4(JJ) = JWAPQ4(JJ,ii)
JSAQ5(JJ) = JWAPQ5(JJ;ii)
JSAQ6(JJ) = JWAPQ6(JJ;ii)
JSAQ7(JJ) = JWAPQ7(JJ;ii)
JSBQ6(JJ) = JWBPQ6(JJ,ii)
JSBQ7(JJ) = JWBPQ7(JJ,ii)
JJ=5
=
SHN =¥PROG(ii)
JJ= JJ + 1
JREND1=1
66
6600
166
ii=9
=
≠
JJ= 1
ii=ii + 1
166
JREND1 = Q
ALL TOTAL
End Masage
File close
EXIT

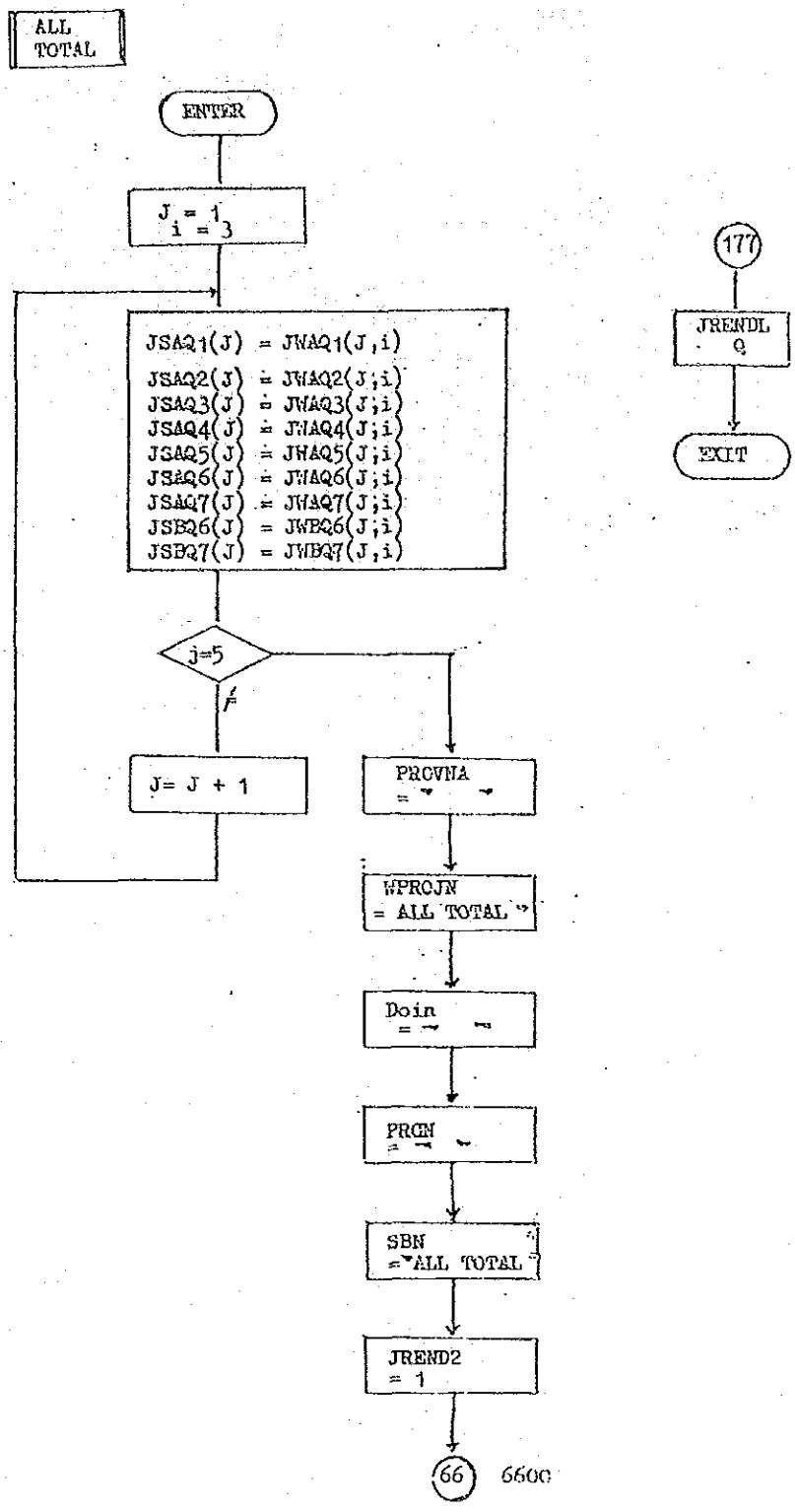
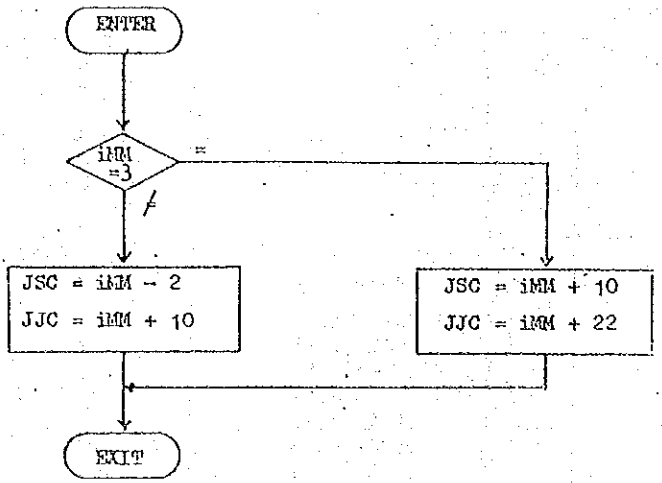

ALL TOTAL
ENTER
J = 1
i = 3
JSAQ1(J) = JWAQ1(J,i)
JSAQ2(J) = JWAQ2(J;i)
JSAQ3(J) = JWAQ3(J;i)
JSAQ4(J) = JWAQ4(J;i)
JSAQ5(J) = JWAQ5(J;i)
JSAQ6(J) = JWAQ6(J;i)
JSAQ7(J) = JWAQ7(J;i)
JSBQ6(J) = JWBQ6(J;i)
JSBQ7(J) = JWBQ7(J,i)
j=5
F
J= J + 1
PROVNA
WPROJN
= ALL TOTAL
Doin
PROM
SBN
=ALL TOTAL
JREND2
= 1
66
6600
177
JRENDL
0
EXIT

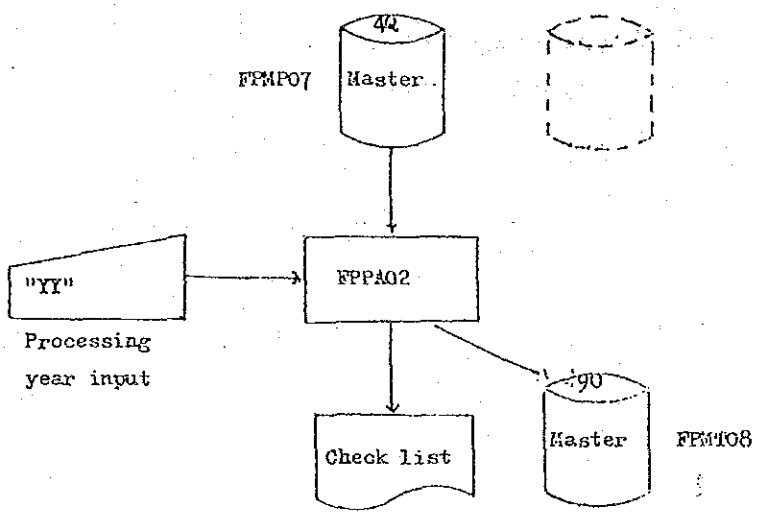
TABLE KEY SET



PROGRAM DESCRIPTION

Name of System	FPMS
Name of Program	FPPA02
Function of program	The program check carry over data. Carry over data is made next year data
Date of production	
Hardware	NEC ACOS - 250
Operating System	ACOS - 2
Programming Language	FORTRAN
Produced by	S. Oku

Flow



EXPLANATION

This program (FPPA02) intends check cerry over data and it is made next year data.

(1) Accept the data from console.
Operater input year.

(2) Read the master file.
If the file is the end, doing end process
This program is the end.

(3) Write the master file.
Copy the master file

(4) Fiscal year of master file ≠ year of inputing form consoke.
Return to read the master file.

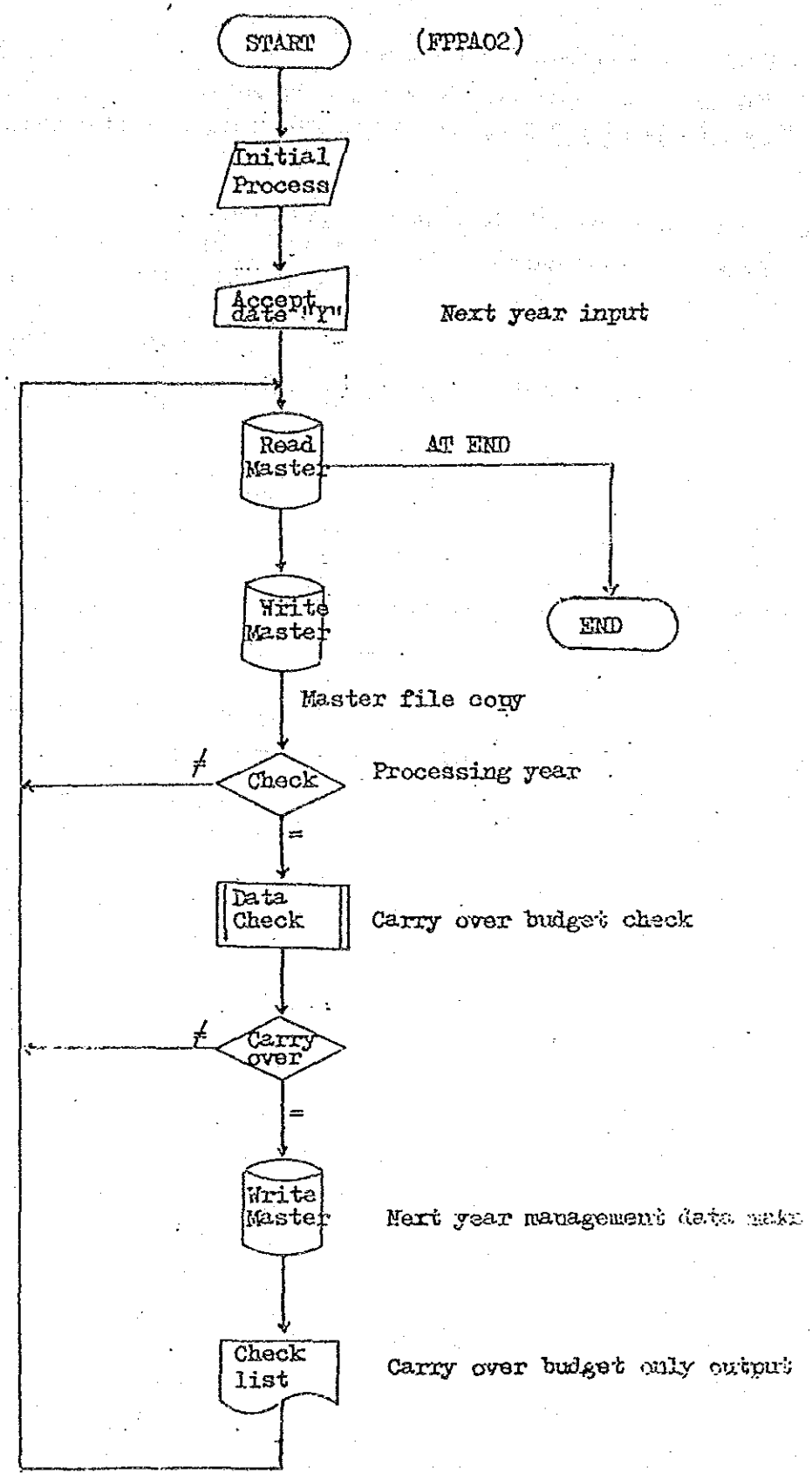
(5) Carry over data checking
Addition actual disbursement of each
Month and it compare allcated budget

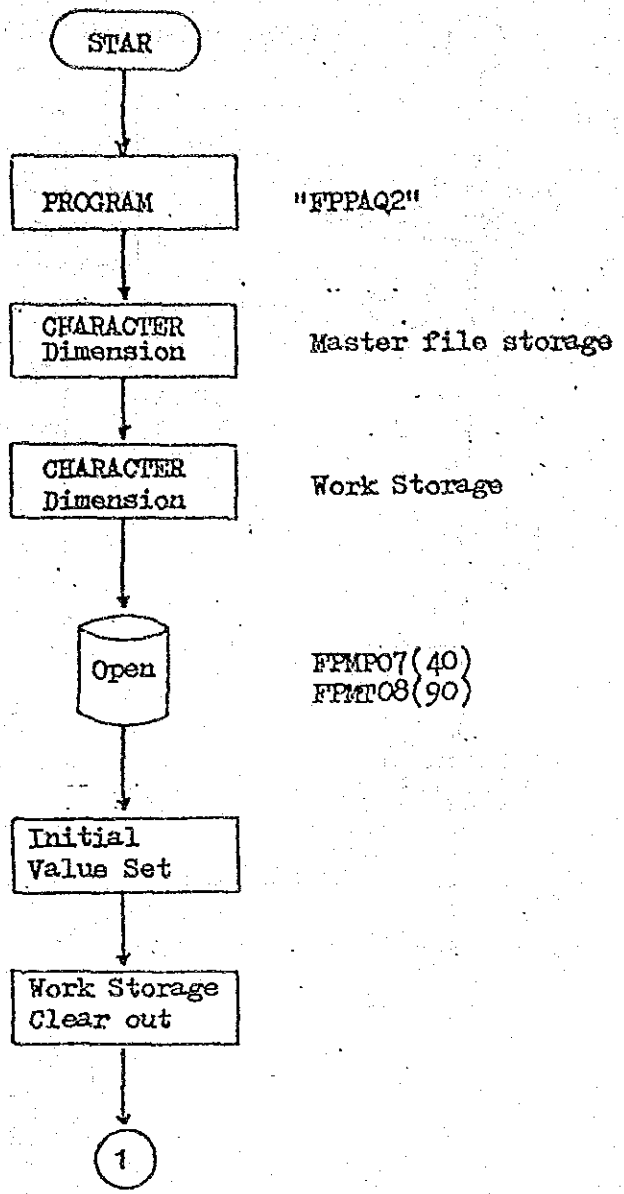
(6) If the data is not carry over return to read master file.

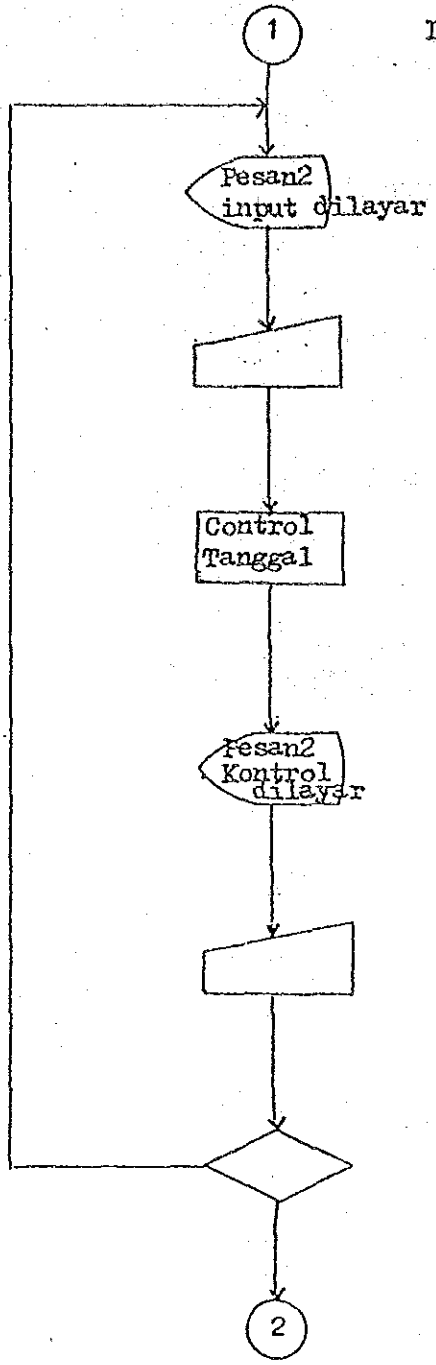
(7) Next year management data make
Makeing next year data by carry over data.
Write the master file.

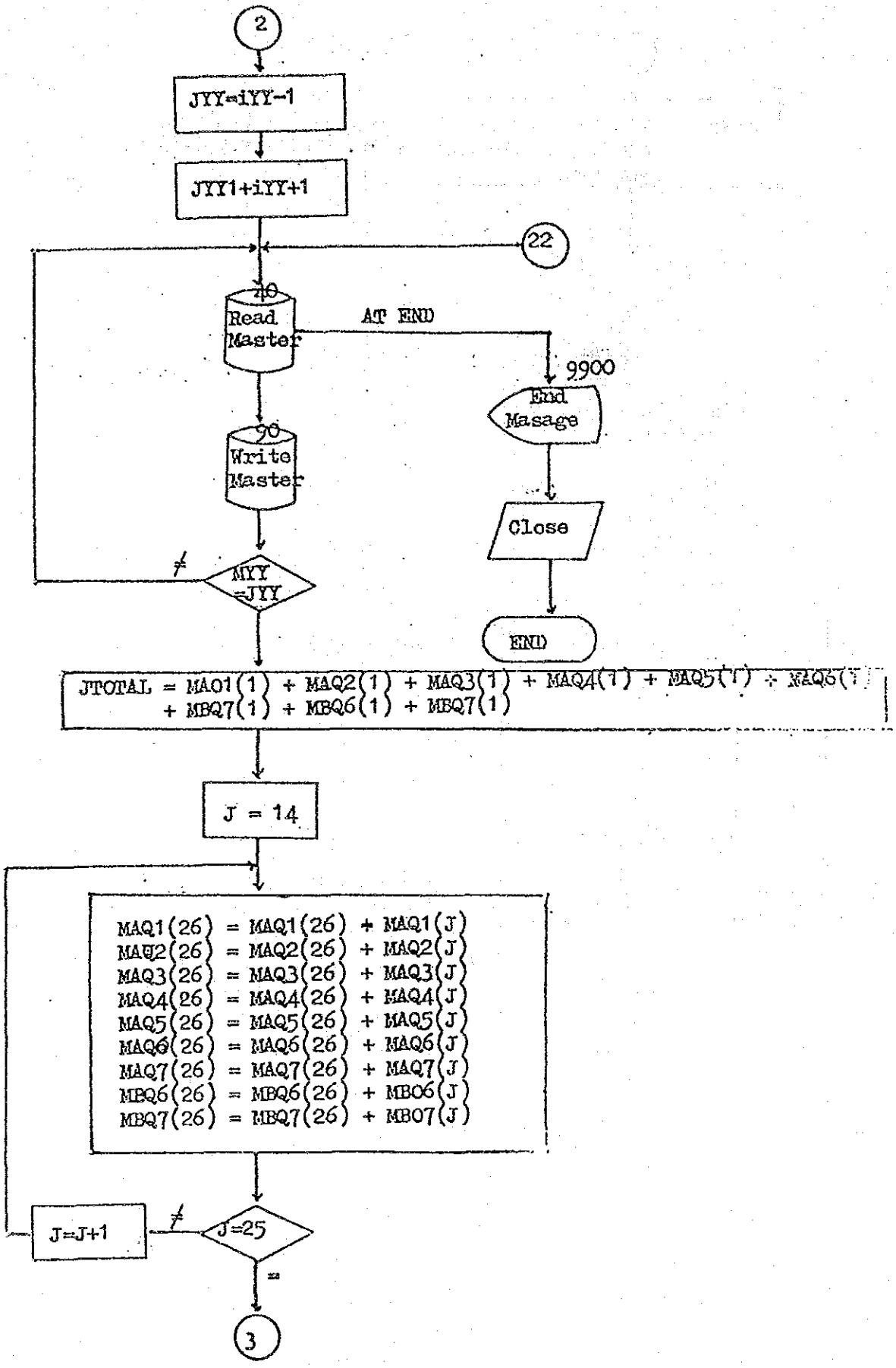
(8) Write carry over budget data to printer.
Return to read master file.

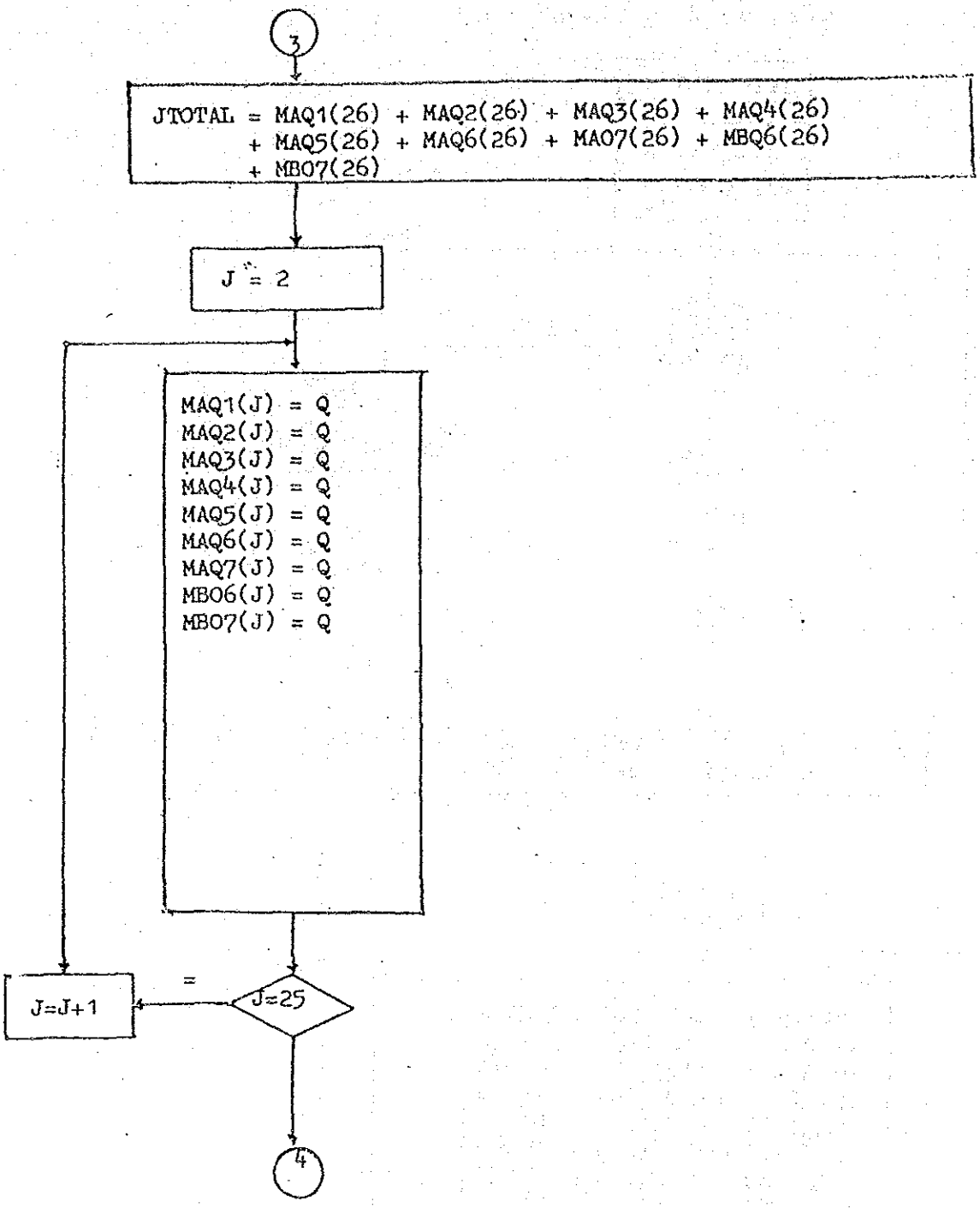
BLOCK FLOWCHART

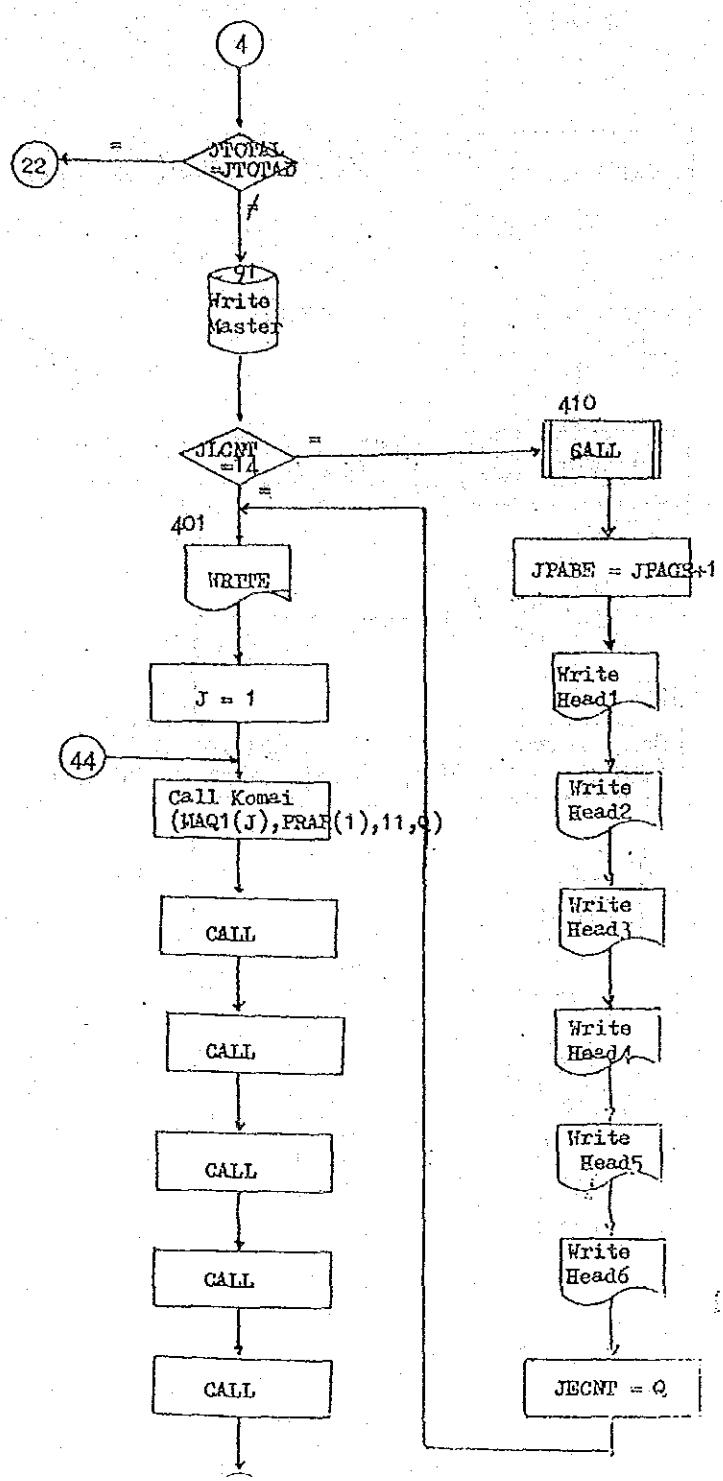


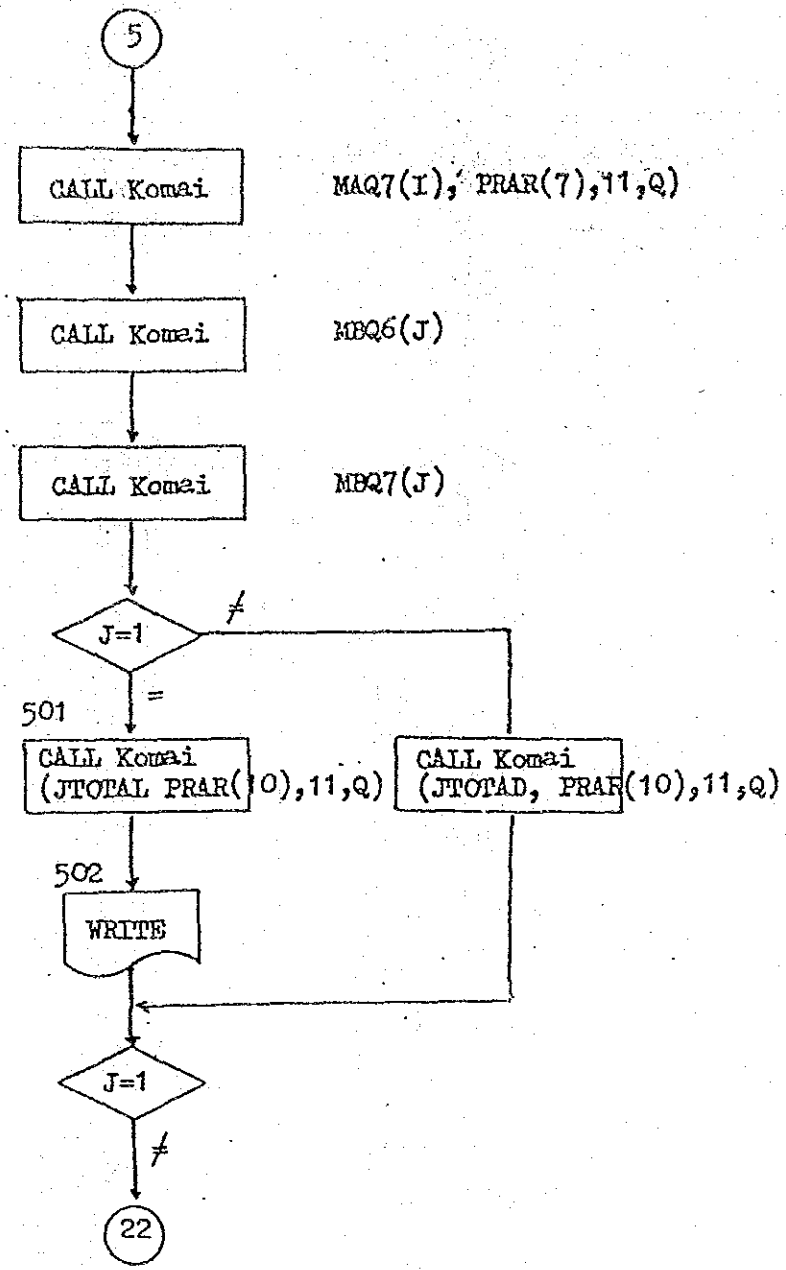

STAR
PROGRAM
"FPPAQ2"
CHARACTER
Dimension
Master file storage
CHARACTER
Dimension
Work Storage
Open
FPMP07(40)
FPMT08(90)
Initial
Value Set
Work Storage
Clear out
1


1
Input Bulan dan Tahun Ficcal
Pesan2
input dilayar
Control
Tanggal
Pesan2
Kontrol
dilayar
2


2
JYY=iYY-1
JYY1+iYY+1
22
10
Read Master
AT END
9900
End Masage
90
Write Master
Close
≠
MYY =JYY
END
JTOTAL = MAQ1(1) + MAQ2(1) + MAQ3(1) + MAQ4(1) + MAQ5(1) + MAQ6(1) + MBQ7(1) + MBQ6(1) + MBQ7(1)
J = 14
MAQ1(26) = MAQ1(26) + MAQ1(J)
MAQ2(26) = MAQ2(26) + MAQ2(J)
MAQ3(26) = MAQ3(26) + MAQ3(J)
MAQ4(26) = MAQ4(26) + MAQ4(J)
MAQ5(26) = MAQ5(26) + MAQ5(J)
MAQ6(26) = MAQ6(26) + MAQ6(J)
MAQ7(26) = MAQ7(26) + MAQ7(J)
MBQ6(26) = MBQ6(26) + MBO6(J)
MBQ7(26) = MBQ7(26) + MBO7(J)
J=J+1
≠
J=25
=
3


3
JTOTAL = MAQ1(26) + MAQ2(26) + MAQ3(26) + MAQ4(26)
+ MAQ5(26) + MAQ6(26) + MAQ7(26) + MBQ6(26)
+ MBQ7(26)
J = 2
MAQ1(J) = Q
MAQ2(J) = Q
MAQ3(J) = Q
MAQ4(J) = Q
MAQ5(J) = Q
MAQ6(J) = Q
MAQ7(J) = Q
MBQ6(J) = Q
MBQ7(J) = Q
J=25
=
J=J+1
4


4
22
=
JTOTAL
=JTOTAO
≠
91
Write
Master
JLCNT
=14
=
410
CALL
=
401
WRITE
JPABE = JPAGE+1
J = 1
Write
Head1
44
Call Komai
(MAQ1(J),PRAF(1),11,0)
Write
Head2
Write
Head3
CALL
CALL
Write
Head4
CALL
Write
Head5
CALL
Write
Head6
CALL
JECNT = 0


5
CALL Komai
MAQ7(I), PRAR(7),11,Q)
CALL Komai
MBQ6(J)
CALL Komai
MBQ7(J)
J=1
≠
=
501
CALL Komai
(JTOTAL PRAR(10),11,Q)
CALL Komai
(JTOTAD, PRAR(10),11,Q)
502
WRITE
J=1
≠
22

4. PHYSICAL PROGRESS MONITORING SYSTEM

4.1 SYSTEM DEFINITION

(Name of System)

Physical Progress Monitoring System

(P P M S)

(D E F I N I T I O N)

4.1.1. This system processes the physical progress condition data for on-going project within D O I.

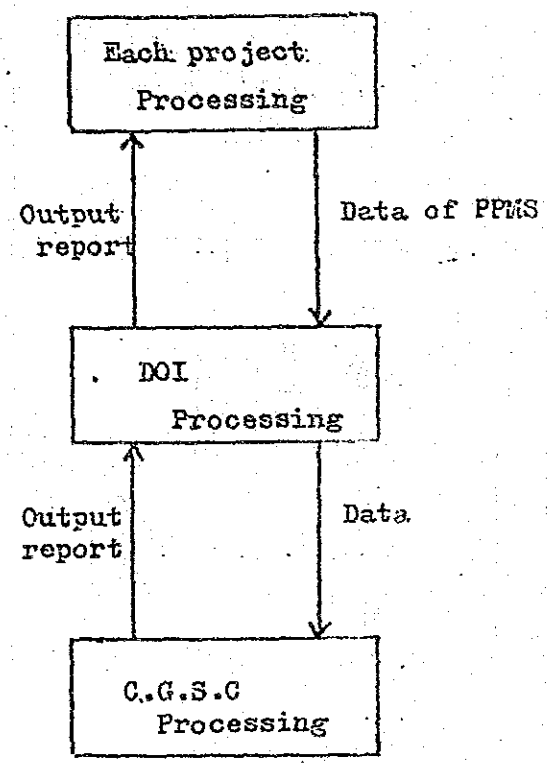
Number of data is about 5.000. (500 contract x 10 year).

4.1.2. Master file is updated every month by P P M S data.

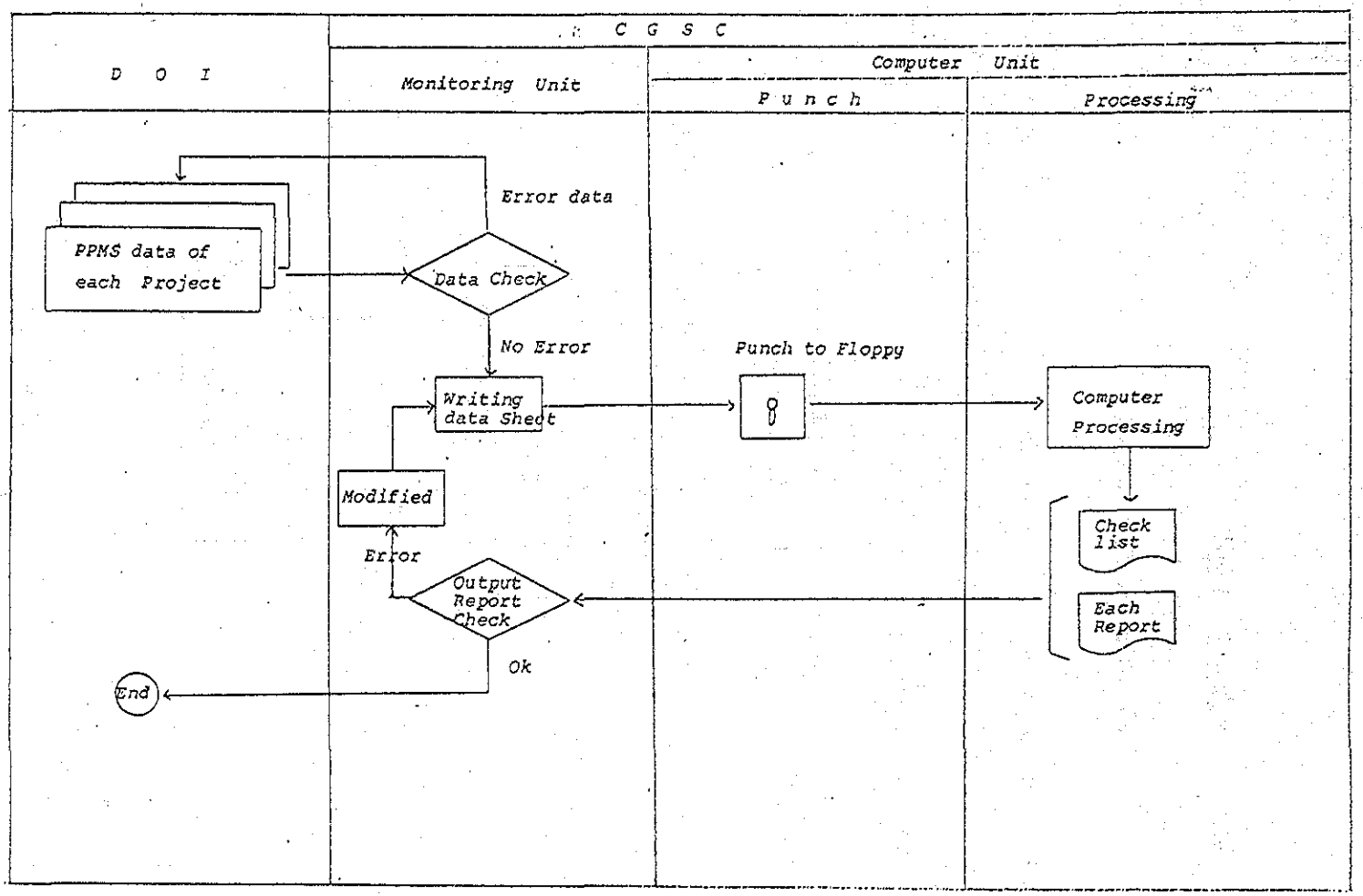
4.1.3. Data is stored on master file.
Master file should be kept until the physical construction is completed.

4.2. SYSTEM FLOW

a). System flow chart



b. Data Flow.


D O I
C G S C
Monitoring Unit
Computer Unit
P u n c h
Processing
PPMS data of each Project
Error data
Data Check
No Error
Punch to Floppy
Writing data Sheet
Computer Processing
Modified
Check list
Error
Output Report Check
Each Report
Ok
End

Attached paper 2

PPMS

4.3 Report Specification

4.3.1 Output report list

No.	Report list name	Period /time	No of duplicate	
1.	Monthly projeot	Month	1	Computer unit
	Progress report		1	Monitoring unit
			6	D O I
			1	Perintal
	Quartely project	Quarter	1	Computer unit
	Progress reports		1	Monitoring unit
			6	D O I
			1	Perintal
3.	Anmual project	Year	1	Computer unit
	Progress report		1	Monitoring unit
			6	D O I
			1	Perintal

4.3.2 Item list for each report

PPMS

REPORT NAME : MONTHLY PROJECT PROGRESS REPORT

No	Item name	Type	No of character
1.	Sub-Project/Contract Description Contractor/Contract Amount Contract Number Project Period		
2.	Weight %		
3.	Physical Data (%) - Actual this month - Actual todate - Target todate - Variance - Time elapsed		
4.	Financial Data (in Rp.1000) - Code - Amount allocated - Disbursement this month - Disbursement todate - Todate % - Balance		
5.	Total key - Program key - Province key - Sub-Directorate key - Project key		

PPMS

REPORT NAME : QUARTERLY PROJECT PROGRESS REPORT

No	Item list	Type	No of cha racter	Remarks
1.	Sub- Project/Contract Description Contractor/Contract Amount Contract Number Project Period			
2.	Neight %			
3.	Physical Data (%) - Avtual this quarter - Actual todate - Target todate - Variance - Time elapsed			
4.	Financial Data (in Rp. 1000) - Code - Amount allocated - Disbursement this quarter - Disbursement todate - Todate % - Balance			
5.	Total key - Program key - Province key - Sub-Directorate key - Project key			

PPIS

REPORT NAME ANNUAL PROJECT PROGRESS REPORT

NO	Item Name	Type	No of character	Remarks
1.	Sub-Project/Contrant Description Contractor/Contract Amount Contract number Project period			
2.	Weight %			
3.	Physical Data (%) - Actual this year - Actual todate - Target todate - Variance - Time elapsed			
4.	Financial Data (in Rp. 1000) - Code - Amount allocated - Disbursement this year - Disbursement todate - Todate % - Balance			
5.	Total key - Program key - Province key - Sub-Directorate key - Project key			

4.3.3 Output report out-line

PIPPS

MONTHLY PROJECT PROGRESS REPORT

Sub Project/Contract Description Contractor/Contract Amount Contract Number Project Period	Weight %	Physical Data (%)					Financial Data (in Rp. 1000)						
		Actual this month	Actual todate	Target todate	Variance	Time elapsed	Code	Amount Allocated	Disb. this quater	Disb. Todate	Todate %	Balance
							T					
							L					
To							F					

Total key :

1. Program key
2. Province key
3. Sub-Directorate key
4. Project key

T = Total
L = Local
F = Foreign

PPMS

QUARTERLY PROJECT PROGRESS REPORT.

Sub Project/Contract Description. Contractor/Contract Amount Contract Number. Project Period.	Weight %	Physical Data (%)						Financial Data (in Rp 1000)				
		Actual This Quarter	Actual Todate	Target Todate	Variance	Time ELAPSED	CODE	Amount Allocated	Disbursement This Quarter	Disbursement Todate	Todate %	Balance
——— ———	———	———	———	———	———	———	T	———	———	———	———	———
——— ———							L	———	———	———	———	———
———							F	———	———	———	———	———
———To———												

Total key :

1. Program key
2. Province key
3. Sub-Directorate key.
4. Project key.

T = Total.

L = Local.

F = Foreign.

PPMS

ANNUAL PROJECT PROGRESS REPORT.

Sub Project/Contract Description. Contractor/Contract Amount Contract Number. Project Period.	Weight %	Physical Data (%)						Financial Data (in Rp 1000)				
		Actual This Year	Actual Todate	Target Todate	Variance	Time ELAPSED	CODE	Amount Allocated	Disbursement This Year	Disbursement Todate	Todate %	Balance
______ ______	______	______	______	______	______	______	T	______	______	______	______	______
______ ______							L	______	______	______	______	______
______							F	______	______	______	______	______
______ To ______												

Total key

1. Program key
2. Province key
3. Sub-Directorate key
4. Project key.

T = Total.

L = Local.

F = Foreign.

4.4 Code system

4.4.1 Collecting of existing code

No	Name of existing code	Number of degst	Remarks
1	Project code	6	
2	Sub-Project code	1	
3	Program code	2	
4	Province code	2	
5	DOI Unit code	2	
6	Update code	1	The code Use maintained the master file
7	Data sequence code	2	The code control input format
8	Product year code	2	The code is Processing year
9	Allocated budget year	2	The code is the first allocated year
10	Contract code	3	
11	Contract number code	25	

Code name

DOI UNIT code 25 ch

No	Code	Name
01	01	Bagian Tata Usaha
02	02	Sub-Dit. Binlak 01 Sub-Direktorat Pembinaan Pelaksanaan I
03	03	Sub-Dit Binlak 02 Sub-Direktorat Pembinaan Pelaksanaan II
04	04	Sub-Dit Perenc. Teknis Sub-Direktorat Perencanaan Teknis
05	05	Sub-Dit Pemugaran Sub-Direktorat Pemugaran
06	06	Sub-Dit Pembinaan E & P Sub-Direktorat Pembinaan Eksploitasi & Pemeliharaan

KODE - KODE PROPINSI DI INDONESIA :

01. A C E H.
02. SUMATERA UTARA.
03. SUMATERA BARAT.
04. R I A U.
05. J A M B I.
06. SUMATERA SELATAN.
07. BENGKULU.
08. LAMPUNG.
09. D.K.I. JAKARTA.
10. JAWA BARAT.
11. D.I. YOGYAKARTA.
12. JAWA TENGAH.
13. JAWA TIMUR.
14. KALIMANTAN BARAT.
15. KALIMANTAN TENGAH.
16. KALIMANTAN SELATAN.
17. KALIMANTAN TIMUR.
18. SULAWESI UTARA.
19. SULAWESI TENGAH.
20. SULAWESI SELATAN
21. SULAWESI TENGGARA.
22. M A L U K U.
23. B A L I.
24. NUSA TENGGARA BARAT.
25. NUSA TENGGARA TIMUR.
26. IRIAN JAYA.
27. TIMOR TIMUR.

Code name

PROGRAM code 45 ch

No	Code	Name
01	01	Prog. Perb. & Peningk Irgs Program Perbaikan dan Peningkatan Irigasi.
02	02	Prog. Pemb. Jar. Irgs. Baru Program Pembangunan Jaringan Irigasi Baru.
03	03	Prog. Pengemb. Drh. Rawa Program Pengembangan Daerah Rawa.
04	04	Prog. Dik-Lat Pengairan Program Pendidikan dan Latihan Pengairan.
05	05	Prog. Penelitian Pert & Pengairan Program Penelitian Pertanian dan Pengairan.
06	06	Prog. Penyemp. Eff. Apar. Pem. & Pengaws. Program Penyempurnaan Effisiensi Aparaytus Pemerintah dan Pengawasan.
07	07	Prog. Penyemp. Pras. Fisik Pem Program Penyempurnaan Prasarana Fisik Pemerintah.
08	08	Prog. Penyel. Hutan Tnh & Air Program Penyelamatan Hutan Tanah dan Air.
09	09	Prog. Pembin. Sumber Alam & Lingk Hidup Program Pembinaan Sumber Alam dan Lingkungan Hidup.

4.4.2 Decide of code systems

No	Name	Old	New	Number	Output name character
1	Project code	0		84	40 ch.
2	Sub-Project code	0		150	40 ch.
3	Program code	0		9	45 ch
4	Province code	0		27	20 ch
5	DOI Unit code	0		6	25 ch
6	Update code		0		
7	Data Sequence code		0		
8	Product year code		0		
9	Allocated budget year		0		
10	Contract code		0		30 ch
11	Contract number code	0			25 ch

Old : DOI already Using

New : This system Using new code.

4.4.3 Explanation of code system

Explanation of already using code was omitted.

This page explain new code of this system.

Name of new code	Explanation
Update code	This code Use updating of the master file. The function has 3 kinds. Code "1" is addition. Code "0" is deletion. Code "2" is update.
Data Sequence code	This code use updating of the master file The function control form of data. The code is written each data sheet.
Product yeer code	This code indicated processing year. ex). 82/83 ⟹ 82 83/84 ⟹ 83
Allocated budget year.	This code indicated the first allocated year. This code is the same product year code, but data of carry-over budget differ it. When data of carry-over budget write the first allocated year.

4.5 Standardization for Development of Systems

4.5.1 Naming

a) Name of program

Begin with PP with-in 6 characters.

b) Name of job control language macro

Begin with PP with in 6 characters.

c) Name of master file

begin with PP within 6 characters

d) Name of output report

| A | - | B | C | D |

Max 11 characters

A is System name. "PPMS"

B is "P" or "D"

"P" is outputing to printer

"D" is outputing to work-station

C is "F" or"T"

"F" is final report

"T" is temporality report

D is sequence number

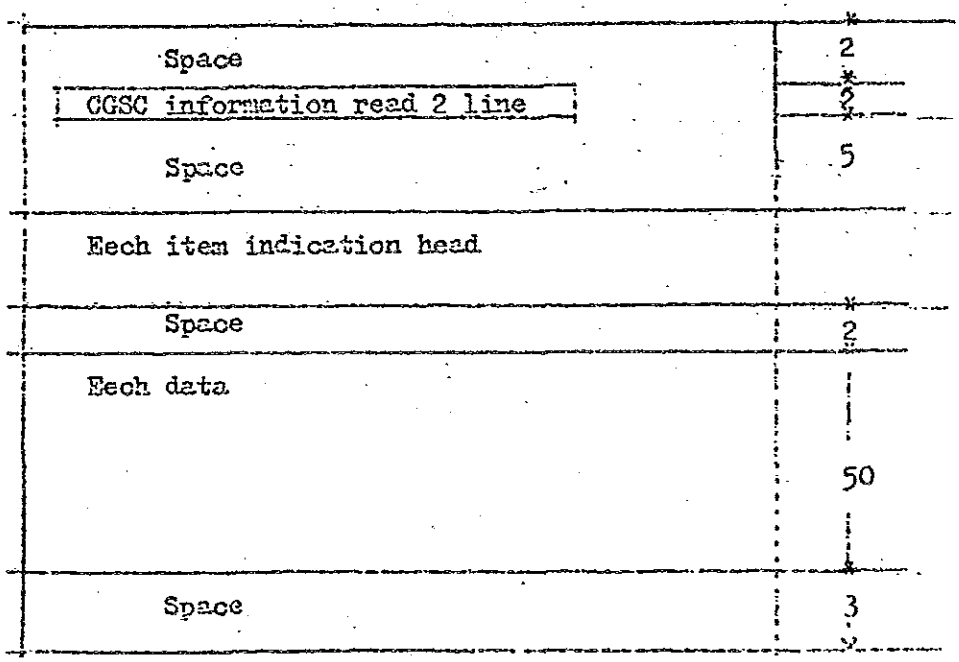
4.5.2. Output report format

a) One inch write 6 lines

b) One line is 132 characters

c) Using sheet is free formal roll paper

d) Print layout

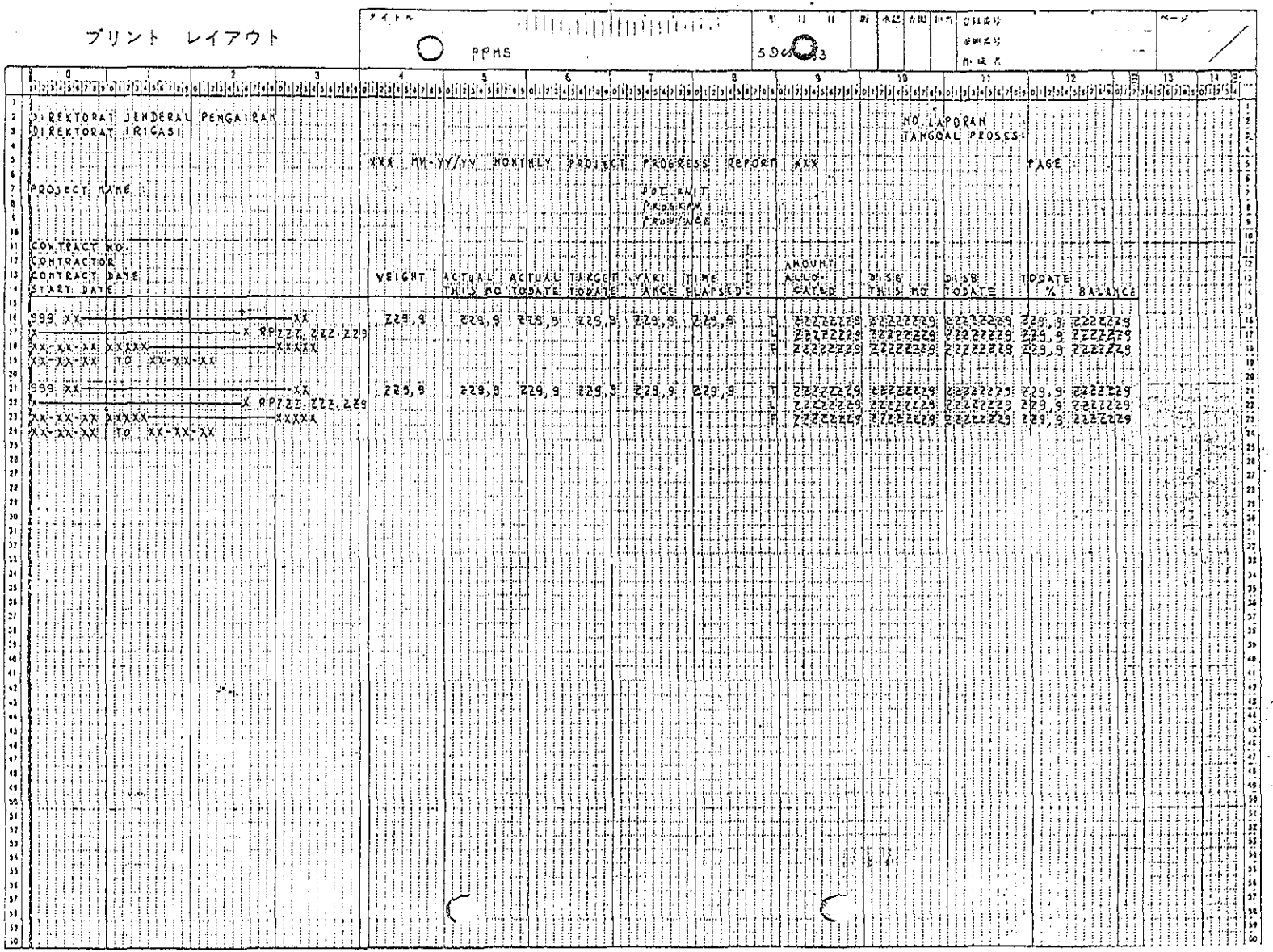


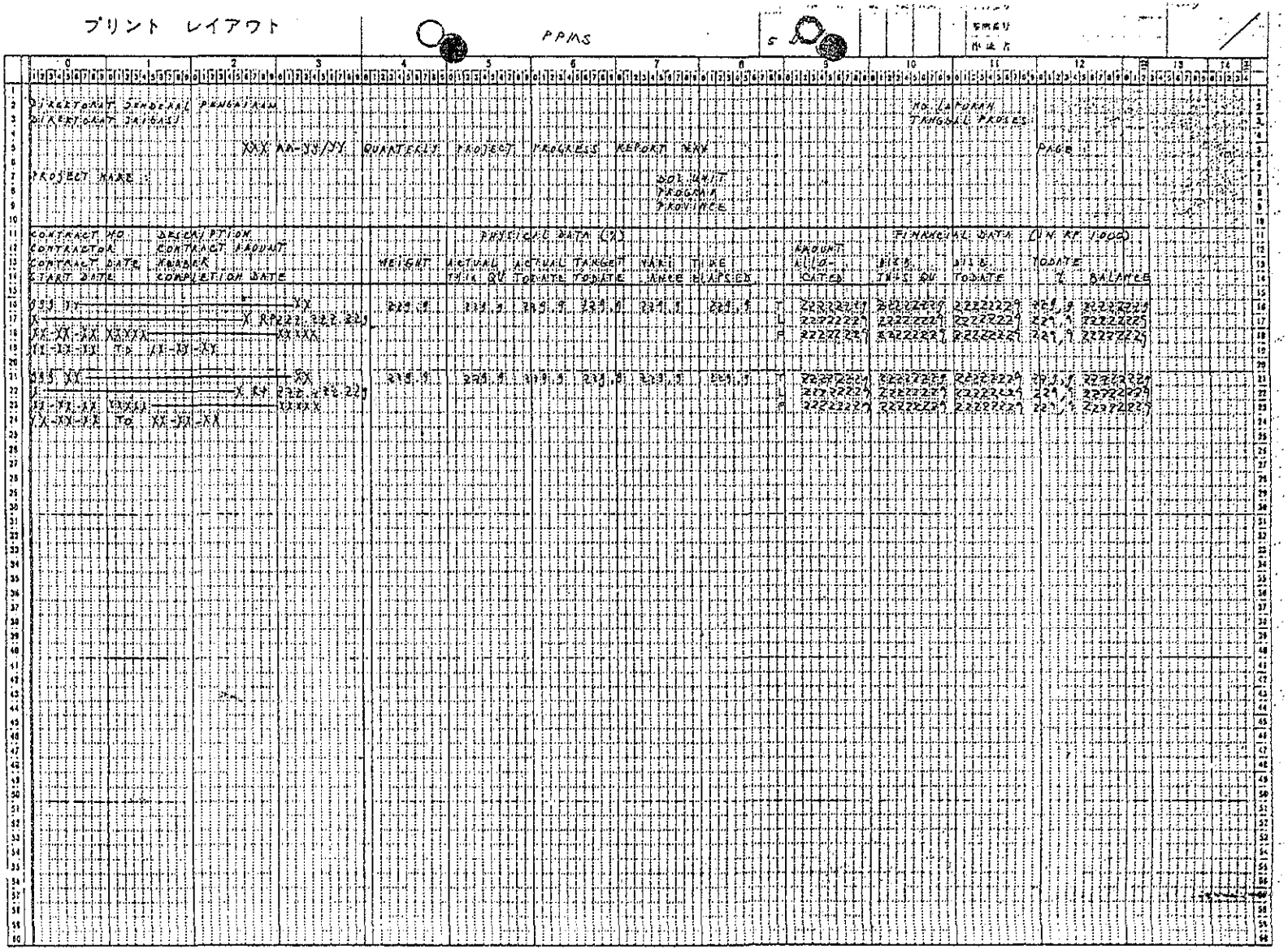
4.6 Output design

4.6.1 Output report list.

No	Name	Explanation
01	PPMS - PF 01	Monthly project Progress report.
02	PPMS - PF 31	Quarterly Project Progress report.
03	PPMS - PF 61	Annual Project Progress report.
04	PPMS - PT 02	Output for checking of master file.
05	PPMS - PT 03	Output for checking of monthly data.
06	Updating list of SLMTN	Output automatically of SLMTN. The report is maintained the data.
07	Updating list of SLMTN.	Output automatically of SLMTN. The report is monthly data.

プリント　レイアウト

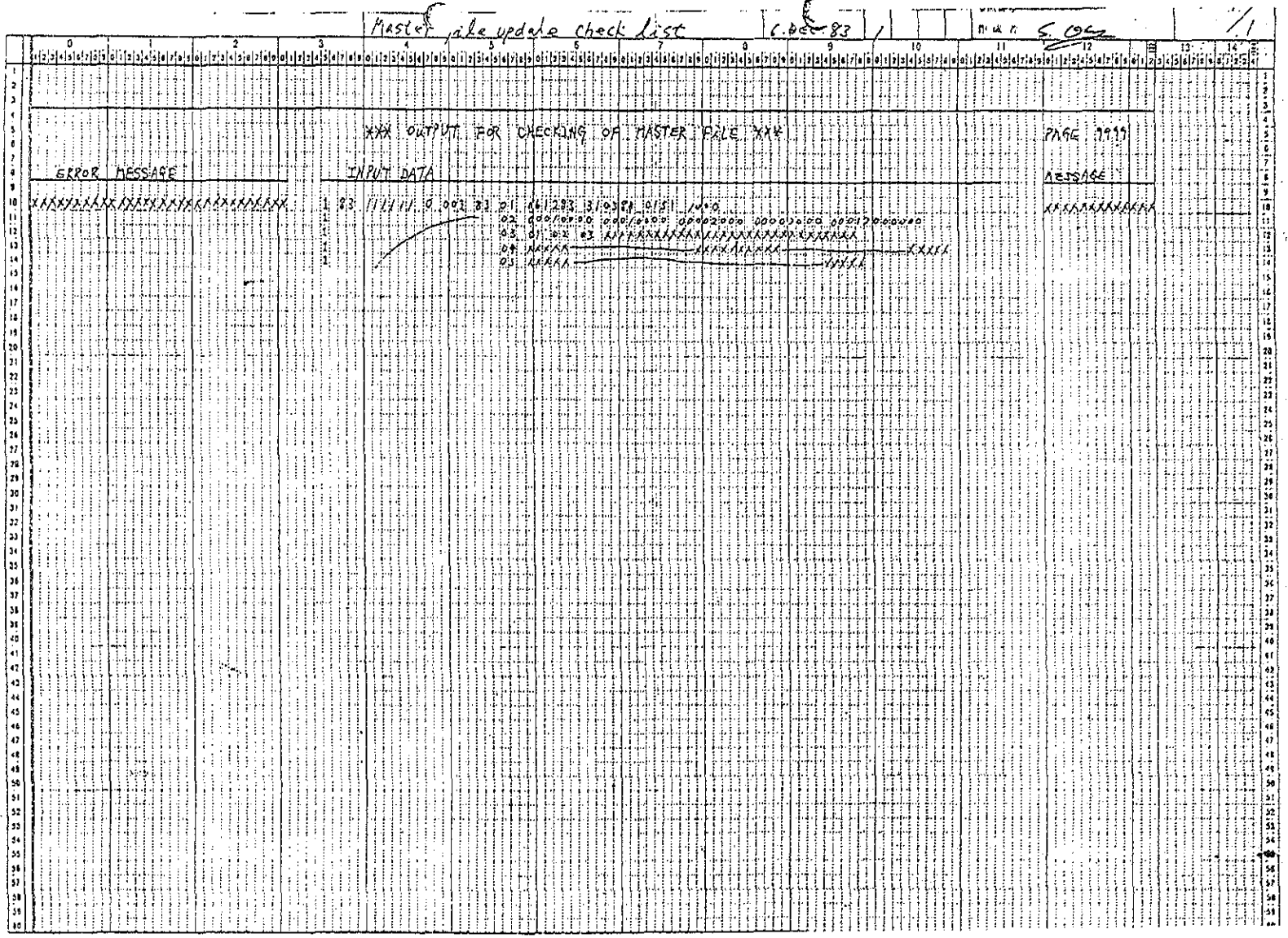

タイトル
PPMS
DIREKTORAT JENDERAL PENGAIRAN
DIREKTORAT IRIGASI
XXX MM-YY/YY MONTHLY PROJECT PROGRESS REPORT XXX
NO. LAPORAN
TANGGAL PROSES
PAGE
PROJECT NAME
JOT UNIT
PROGRAM
PROPINSI
CONTRACT NO.
CONTRACTOR
CONTRACT DATE
START DATE
WEIGHT
ACTUAL THIS MO
ACTUAL TODATE
TARGET TODATE
VARIANCE
TIME ELAPSED
AMOUNT ALLOCATED
DISB THIS MO
DISB TODATE
TODATE %
BALANCE
999 XX——XX
X——X RPZZZ,ZZZ,ZZ9
XX-XX-XX XXXXX——XXXXX
XX-XX-XX TO XX-XX-XX
999 XX——XX
X——X RPZZZ,ZZZ,ZZ9
XX-XX-XX XXXXX——XXXXX
XX-XX-XX TO XX-XX-XX


プリント レイアウト
PPMS
DIREKTORAT JENDERAL PENGAIRAN
DIREKTORAT IRIGASI
XXX AA-YY/YY QUARTELY PROJECT PROGRESS REPORT NNN
PROJECT NAME :
SOL UNIT
PROGRAM
PROVINCE
NO. LAPORAN
TANGGAL PROSES
PAGE :
CONTRACT NO DESCRIPTION
CONTRACTOR CONTRACT AMOUNT
CONTRACT DATE REMARK
START DATE COMPLETION DATE
PHYSICAL DATA (%)
WEIGHT ACTUAL ACTUAL TARGET VARI TIME
TH'IS QU TODATE TODATE ANCE ELAPSED
FINANCIAL DATA (IN RP 1000)
AMOUNT ALLO- CATED
BILLS THIS QU
BILLS TODATE
TODATE %
BALANCE

プリント　レイアウト

タイトル: PPIRS

```
DIRECTORAT JENDERAL PENGAIRAN                                                           NO. LAPORAN      :
DIRECTORAT IRIGASI                                                                      TANGGAL PROSES   :

                               XXX YY/YY ANNUAL PROJECT PROGRESS REPORT XXX                              PAGE

PROJECT NAME
                                                                      DOI.UNIT
                                                                      PROGRAM
                                                                      PROVINCE

CONTRACT NO.      DESCRIPTION
CONTRACTOR        CONTRACT AMOUNT                                                 AMOUNT
CONTRACT DATE     NUMBER                  WEIGHT  ACTUAL  ACTUAL  TARGET  VARI   TIME      ALLO-      DISB.     DISB.     TODATE
START DATE        COMPLETION DATE                 THIS MO TODATE  TODATE  ANCE   ELAPSED   CATED      THIS MO   TODATE    %     BALANCE

999 XX--------------------------------XX   229.9  229.9   229.9   229.9   229.9  229.9   T ZZZZZZZ29 ZZZZZZZ29 ZZZZZZZ29 229.9 ZZZZZZZ29
X-------------------------X RP222.222.229                                                L ZZZZZZZ29 ZZZZZZZ29 ZZZZZZZ29 229.9 ZZZZZZZ29
XX-XX-XX XXXXX------------------XXXXX                                                    F ZZZZZZZ29 ZZZZZZZ29 ZZZZZZZ29 229.9 ZZZZZZZ29
XX-XX-XX  TO  XX-XX-XX

999 XX--------------------------------XX   229.9  229.9   229.9   229.9   229.9  229.9   T ZZZZZZZ29 ZZZZZZZ29 ZZZZZZZ29 229.9 ZZZZZZZ29
X-------------------------X RP222.222.229                                                L ZZZZZZZ29 ZZZZZZZ29 ZZZZZZZ29 229.9 ZZZZZZZ29
XX-XX-XX XXXXX------------------XXXXX                                                    F ZZZZZZZ29 ZZZZZZZ29 ZZZZZZZ29 229.9 ZZZZZZZ29
XX-XX-XX  TO  XX-XX-XX
```


Master file update check list
XXX OUTPUT FOR CHECKING OF MASTER FILE XXX
PAGE 9999
ERROR MESSAGE
INPUT DATA
MESSAGE

プリント レイアウト

Monthly update check list — 6. DEC. 83 — S. Ohy — 1/1

```
***  MM YY/YY  OUTPUT FOR CHECKING MONTHLY DATA  **                PAGE 9999

 ERROR MESSAGE            INPUT DATA
                          83 111111 0 001 83 0100 0001 0000 0002000 } data used two lines
                          83 111111 1 001 83 0000 00004010 00100000
```

25 data / page