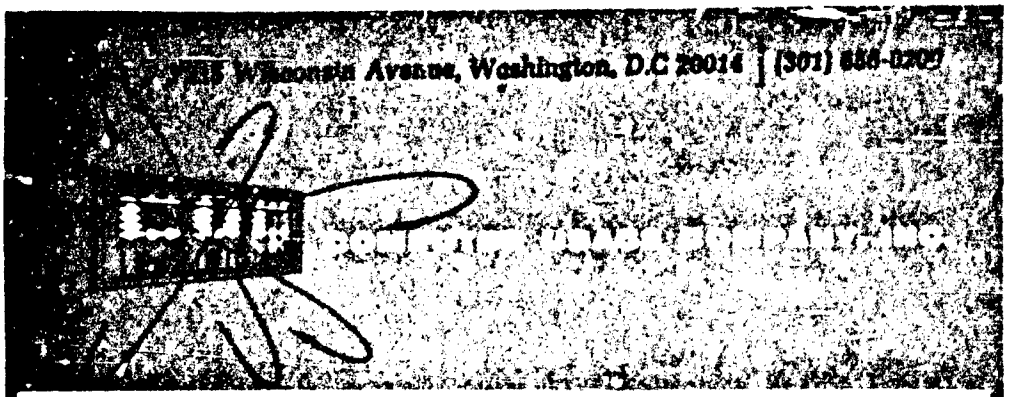
AD617086



U.S. Army Biological Laboratories
Fort Detrick
SELECTIVE DISSEMINATION
OF INFORMATION

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TSL-121-2/65

DATE PROCESSED: 7-8-65

PROCESSOR: B. Lee

U. S. Army Biological Laboratories

Fort Detrick, Maryland

SELECTIVE DISSEMINATION OF INFORMATION

ABSTRACT

The National Library of Medicines' MEDLARS program provides monthly magnetic tapes containing bio-medical citations of interest to t: Biological Laboratories. After code conversion from Minneapolis-Honeywell 800 to UNIVAC SS-90-II, selected citations are sent to principal investigators. A two-part "citation notice and response card" permits scientists to change terms in his profile, request hard copy of journal articles, comment, etc.

SELECTIVE DISSEMINATION OF INFORMATION

1. The Fort Detrick SDI system is based on an Interest Profile tape that contains the profiles of each participant in the system. This file may be updated at any time to add, change or delete parts of a profile. Provision is made for each participant to specify the method to be used in selecting citations based on his profile.

2. The Interest Profile may contain the name of the participant, a two line address, up to ten languages that are of interest, and any number of interests with up to 400 tags to an interest.

3. When creating an Interest Profile for a participant the option is given to specify either the MAY or the WEIGHT method of selecting citations. If the method of selection is to be changed, then each tag for the participant should be changed to remove the weights or to insert weights.

4. The program to select citations will normally read a single citation into storage and compare each code in the citation against each coded interest tag. If a match is found and the tag is a MUST, the citation will be selected regardless of weights or percent of matches. If a match is found and the tag is a NOT, the citation will be bypassed. The NOT operation overrides all other considerations including the MUST.

5. If the WEIGHT method of selection is used, each tag on the Interest Profile that is not a MUST or NOT should have a weight assigned to it. When an interest tag matches the citation, the weight associated with the tag will be added into an accumulator. If the total weight arrived at by matching each tag of the interest against each code on the citation is equal to or greater than ten and a key tag (weight greater

than one) was matched, the citation will be selected. The number to be used as a total weight and/or the number to be used as a key weight may be changed by making minor modifications to the program that selects citations. Specific instructions for making these modifications will be given in the description of the program that selects citations.

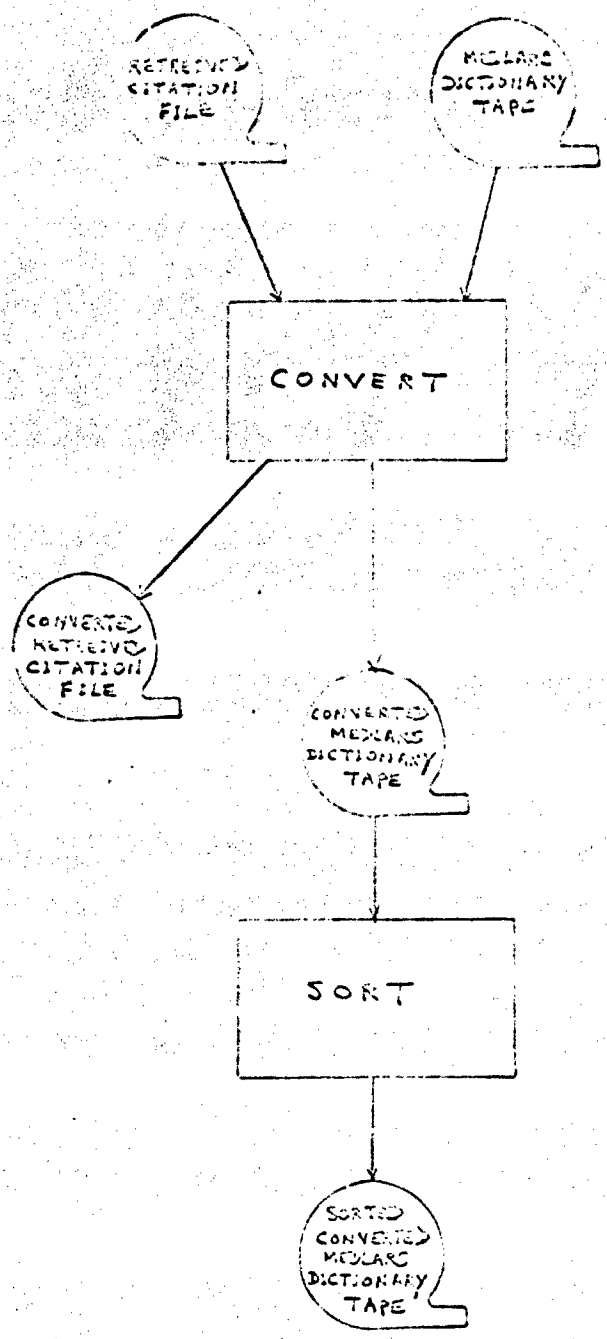
6. When the MAY method of selection is used, a citation will be selected based on the number of tags in an interest that match the citation. A percentage will be taken on the number of tags in the interest or the number of codes associated with the citation, whichever is lower. If the number of tags on which a match is made is equal to or greater than the result, a selection will be made provided that a NOT tag was not matched on that citation.

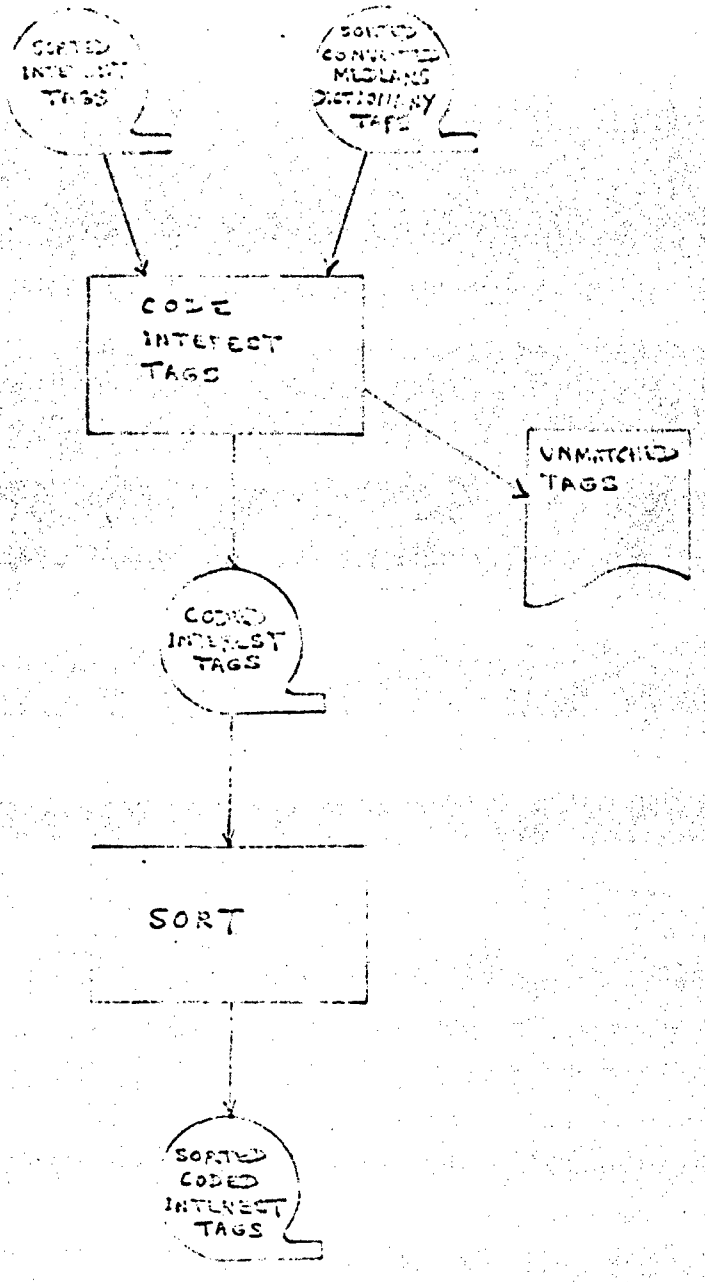
7. Once a citation has been selected, it will not be matched against any other interests for the same participant, so the notification cannot be selected twice (See note). If it happens that a citation does meet the selection criteria for more than one interest of a participant, only the tags of the interest causing selection will appear on the notification card.

8. A participant in the SDI System will indicate his response to a notification by placing a circle around the appropriate response number on the right hand side of the double 3X5 notification card. This response will be used to update his Interest Profile and will be shown on the SDI Statistics Report in the next period.

NOTE: If a participant's entire profile contains in excess of 400 tags, it is possible to make more than one selection of a citation since in this case the program would make a second search of the citation file and would not keep track of citations selected during the first search.

SDI SYSTEM


RETRIEVED CITATION FILE
MEDLARS DICTIONARY TAPE
CONVERT
CONVERTED RETRIEVED CITATION FILE
CONVERTED MEDLARS DICTIONARY TAPE
SORT
SORTED CONVERTED MEDLARS DICTIONARY TAPE


SORTED INTEREST TAGS
SORTED CONVERTED MEDLARS DICTIONARY TAPE
CODE INTEREST TAGS
UNMATCHED TAGS
CODED INTEREST TAGS
SORT
SORTED CODED INTEREST TAGS

Medlars Dictionary Tape

Purpose: To convert the Retrieved Citation File and Medlars Dictionary Tape from 720 character blocks to 1000 character blocks in standard USS II interlace.

Input: Retrieved Citation File with 720 character blocks and one record per block.

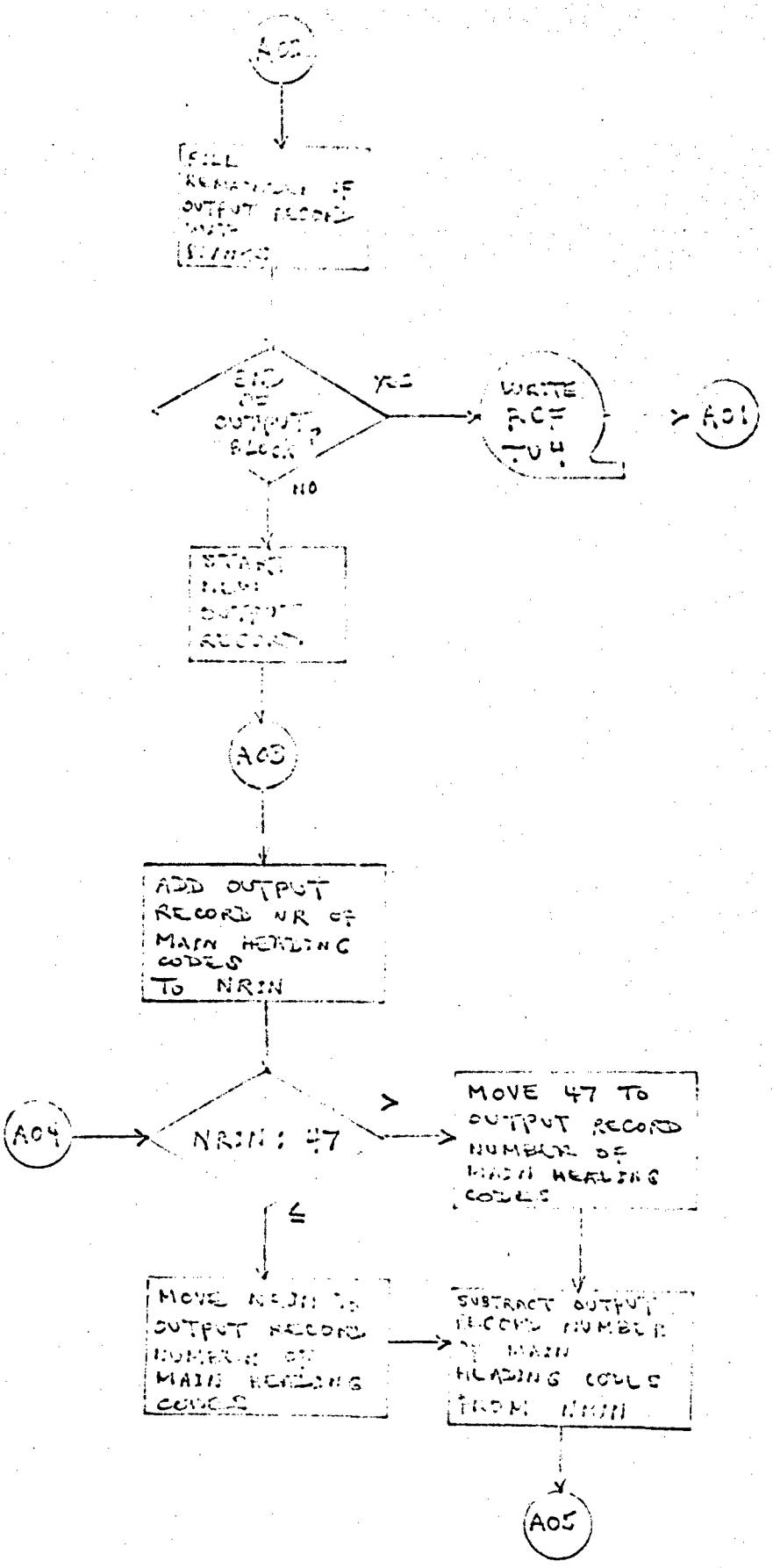
Medlars Dictionary Tape with 720 character blocks and seven records per block, with each record containing 100 characters.

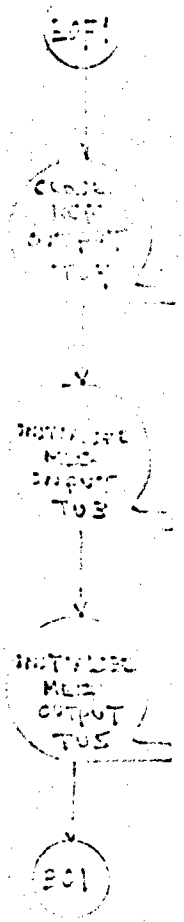
Output: Converted Citation File with 1000 character blocks and two 500 character records per block in standard interlace.

Converted Medlars Dictionary Tape with 1000 character blocks and ten 100 character records per block.

HALTS

67 1111 cccc	Add overflow. Indicates a possible machine malfunction. Program must be rerun.
67 1112 cccc	Subtract overflow. Indicates a possible machine malfunction. Program must be rerun.
67 9999 9999	End-of-job.


A02
FILL REMAINDER OF OUTPUT RECORD WITH SPACES
END OF OUTPUT BLOCK ?
YES
WRITE R.C.F. -U4
A01
NO
START NEW OUTPUT RECORD
A03
ADD OUTPUT RECORD NR OF MAIN HEADING CODES TO NRIN
A04
NRIN : 47
>
MOVE 47 TO OUTPUT RECORD NUMBER OF MAIN HEADING CODES
≤
MOVE NRIN TO OUTPUT RECORD NUMBER OF MAIN HEADING CODES
SUBTRACT OUTPUT RECORD NUMBER MAIN HEADING CODES FROM NRIN
A05



CONVERT - OUTPUT | Run No. | Programmer

CITATION NUMBER

LANGUAGE CODE

NUMBER OF MAIN HEADING CODES

MAIN HEADING CODE

VARIABLE 4

MAIN HEADING CODE

TITLE, AUTH

OR, STA, VOL

UME, PAGINA

TION, PUBLI

CATION DATE

SORT MEDLARS DICTIONARY TAPE

Purpose: To sort the Converted Medlars Dictionary Tape into sequence by English Main Heading.

See sorting instructions on last page of book.

Interest Profile Update

Purpose: This program creates and maintains the Interest Profile Tape for the SDI System.

Input: Latest Interest Profile Tape.

Action cards.

Output: Updated Interest Profile Tape.

Interest tags.

Error Listing.

Card column 20 is used when a name card is added or changed, and must contain an M if the MAY method of selection is to be used. If the WEIGHT method of selection is used cc 20 must contain a W.

An add or change name contains the name in cc 21-55.

An add or change address has line 1 of the address in cc 21-55 and line 2 (if used) in cc 56-90.

A language card has the language punched in cc 21-30.

An add or change interest has the tag in cc 21-68.

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	90
N	N	"	"	N	N	N	N	4	I	1	I	T	T	T	A			M	TAG	
N	N	N	N	N	N	"	"	4	I	1	1	T	T	T	A			N	TAG	
N	N	N	N	N	N	N	N	4	I	1	1	T	T	T	A		W	W	TAG	
"	"	"	"	"	"	"	"	4	I	1	I	T	T	T	C				TAG	
N	N	N	N	N	N	N	"	4	I	1	I	T	T	T	C			M	TAG	
N	N	N	N	N	N	"	"	4	I	1	I	T	T	T	C			N	TAG	
N	"	"	N	N	"	N	"	4	I	1	I	T	T	T	C		W	W	TAG	
N	"	"	"	"	"	"	"	4	I	1	1	T	T	T	D					
N	N	N	N	N	N	N	"	4	I	I	I				D					

Address Card - Type 2

An address card may be entered when adding a participant to the interest profile, or an address of a participant already on the file may be changed.

Provision is made for two address lines; if only one line is used, card columns 56-90 should be blank. Each time an address card is entered, both lines of the address will be placed on the profile.

Only one address card may be entered for a participant during a run.

Interest Card - Type 4

An interest tag may be added to the file by entering an add card with the interest number and with or without a tag number. When the tag number is left blank, the tag to be added will be placed in front of all tags for this interest that are already on the profile. As each tag is placed on the profile a tag number beginning with 1 and increasing by 1 for each tag will be assigned by the program. Therefore, whenever a tag is added, or deleted, the tag number of every other tag under that interest number could be changed.

When the tag number is entered for an add card and the same tag number is already on the file, the tag will be placed immediately following the tag that is on the file. Otherwise, it will be placed on the file in sequence by the tag number assigned.

When the WEIGHT method of selection is being used, each interest tag other than MUST or NOT tags must have a two-digit weight number assigned to it, if the tag is being added or changed.

When a tag is being changed, the tag number must be included and the proper weight or MUST/NOT code if the WEIGHT method is used. If the MAY method is being used, the weight columns should be blank or contain a MUST/NOT code.

If a tag is to be removed, both the interest number and tag number are required.

If all tags under an interest are to be removed, a single delete card may be entered for that interest number with the tag number left blank.

Only one action card should be entered for a specific tag during the run.

When an entire interest is deleted from the file no other actions for that interest should be entered in the same run.

11. An action has been entered to change or delete a tag that is not on the profile.

12. An action code must be A, C, D. (Add, change, delete).

13. Card is out-of-sequence. (Sequence check is on cc 1-16).

14. Information in cc 1-16 must be numeric.

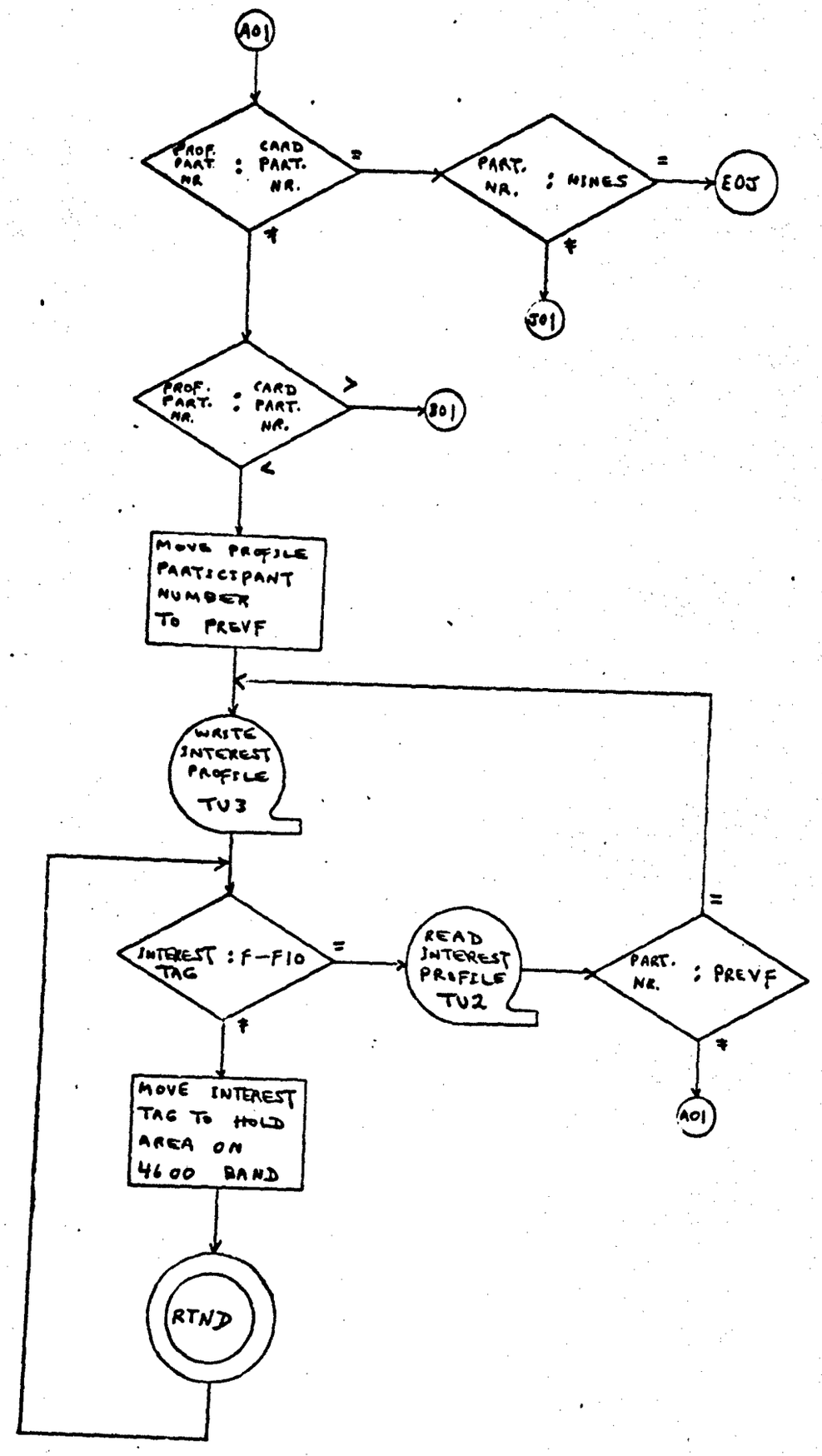
15. An action has been entered to delete a language that is not on the Interest profile.

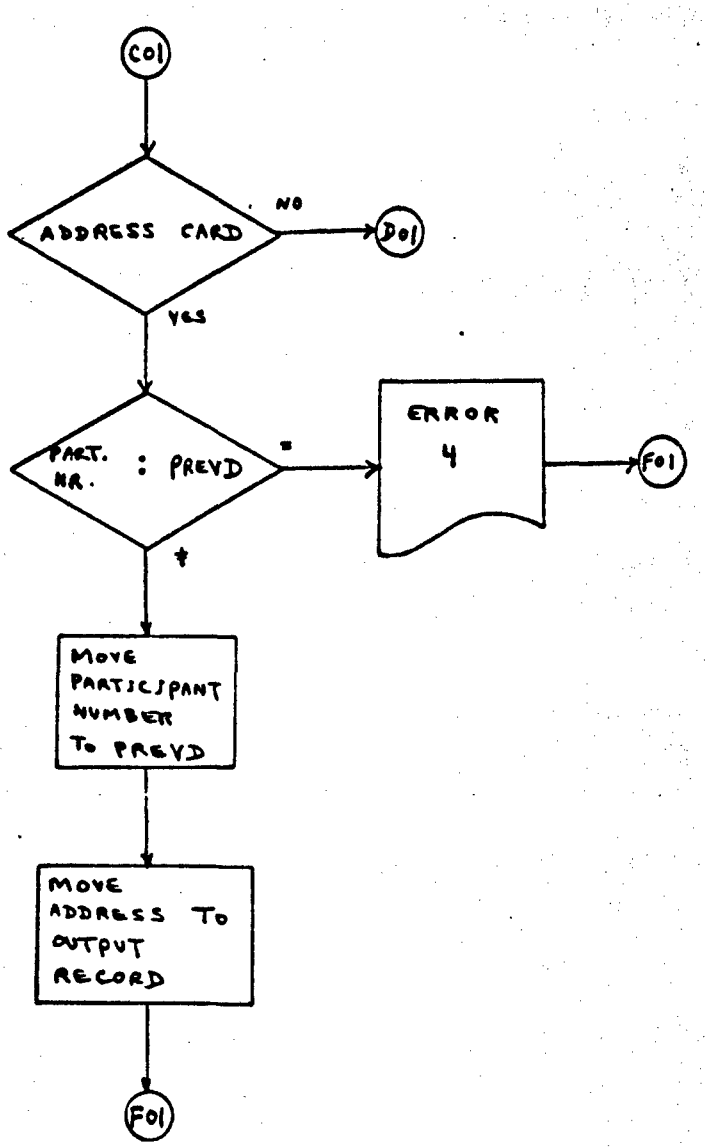
16. Card column 20 of a name add or name change card must contain a selection method code of M or W.

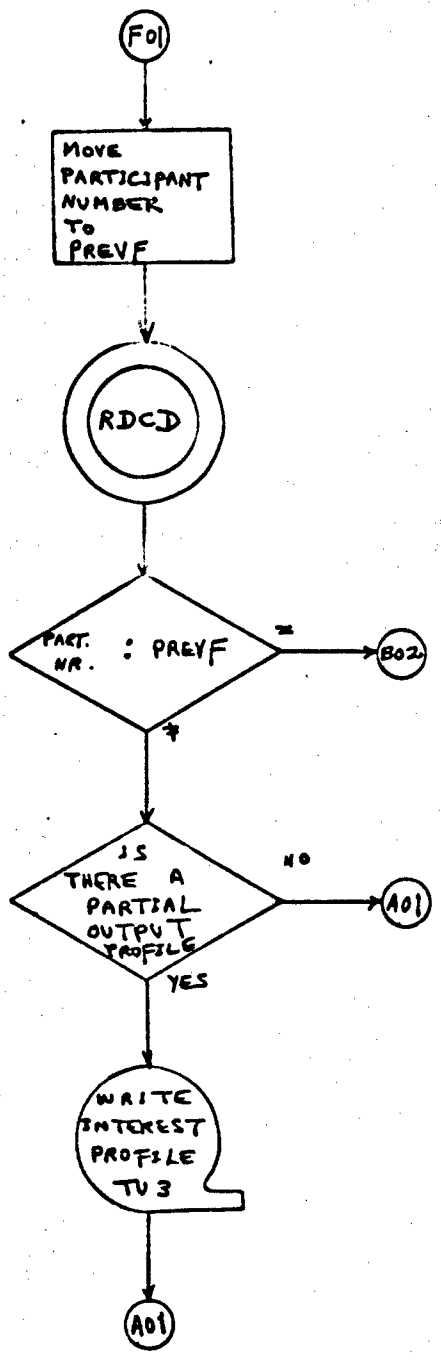
Interest Profile Update

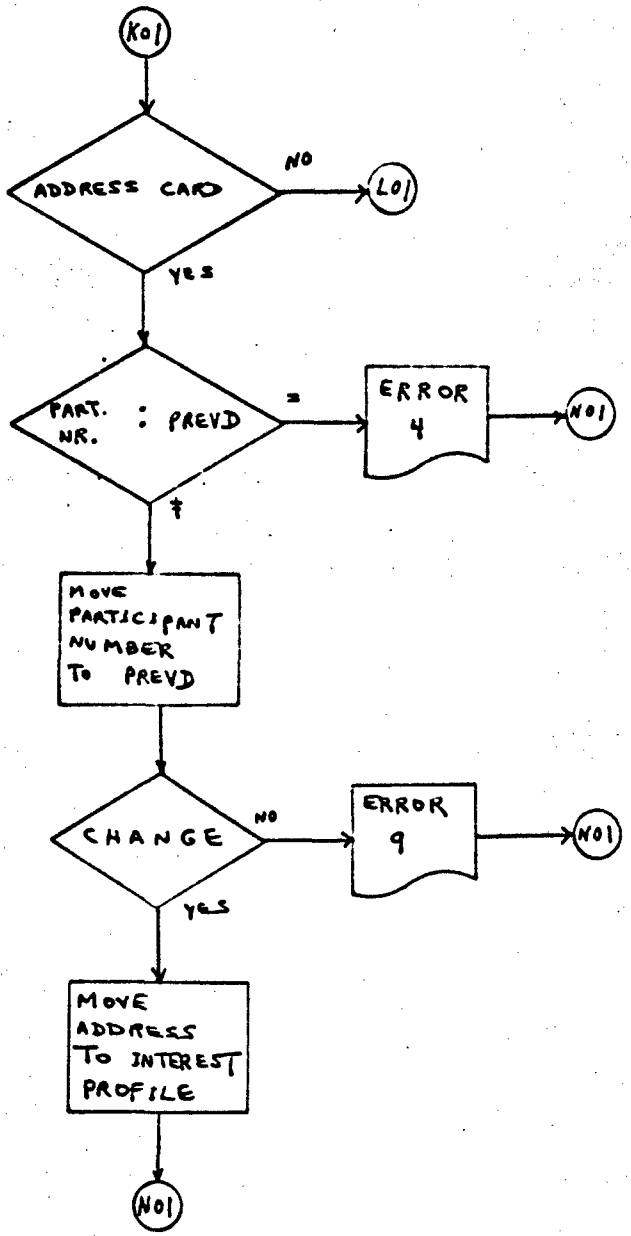
HALTS

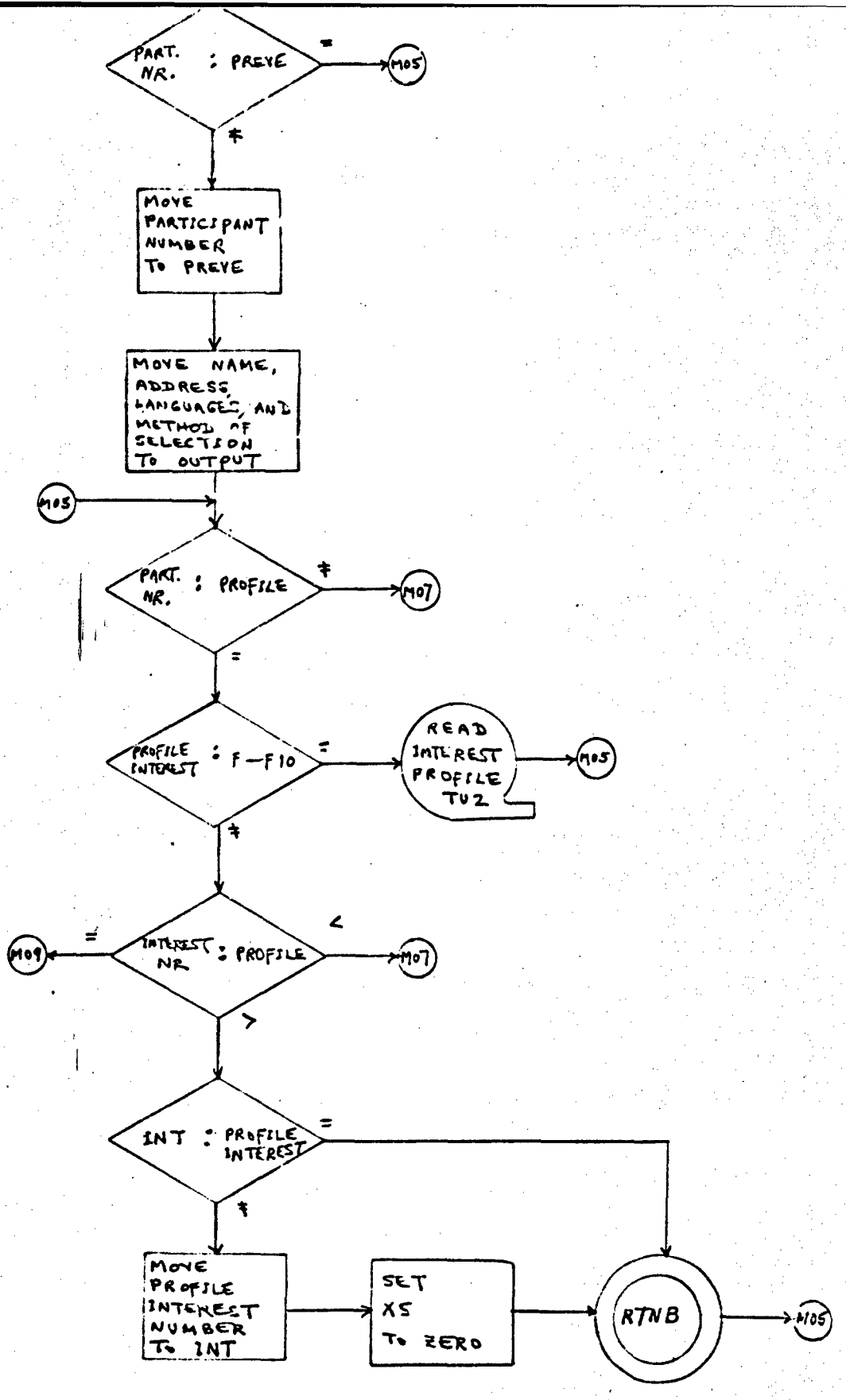
67 1111 cccc	Add overflow while incrementing error listing line counter. This halt may be found in assembly listing in routine labeled PRT. Possible machine malfunction.
67 1112 cccc	Add overflow while incrementing error listing page counter. Halt may be found in assembly listing in routine labeled PRNT. Possible machine malfunction.
67 000A 000A	C+1 on printer. Correct error condition, press clear and run.
67 9999 9999	End-of-job.

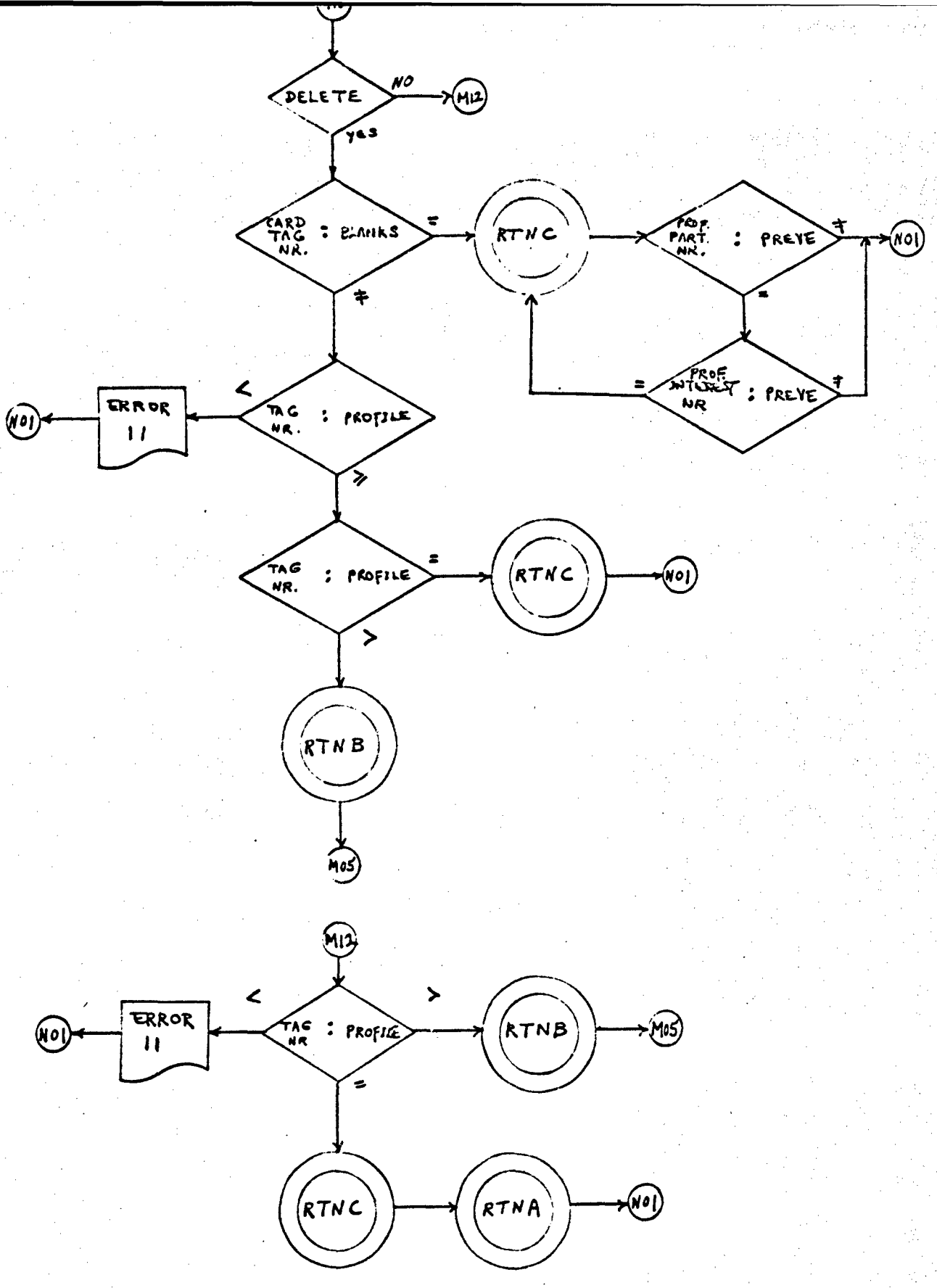

A01
PROF. PART. NR. : CARD PART. NR.
=
PART. NR. : NINES
=
EOJ
≠
≠
J01
PROF. PART. NR. : CARD PART. NR.
>
B01
<
MOVE PROFILE PARTICIPANT NUMBER TO PREVF
WRITE INTEREST PROFILE TU3
INTEREST TAG : F-F10
=
READ INTEREST PROFILE TU2
PART. NR. : PREVF
=
≠
A01
≠
MOVE INTEREST TAG TO HOLD AREA ON 4600 BAND
RTND

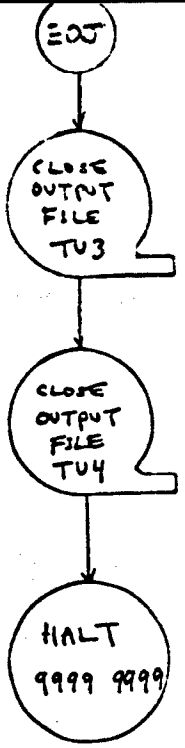

C01
ADDRESS CARD
NO
D01
YES
PART. NR. : PREVD
=
ERROR 4
F01
≠
MOVE PARTICIPANT NUMBER TO PREVD
MOVE ADDRESS TO OUTPUT RECORD
F01

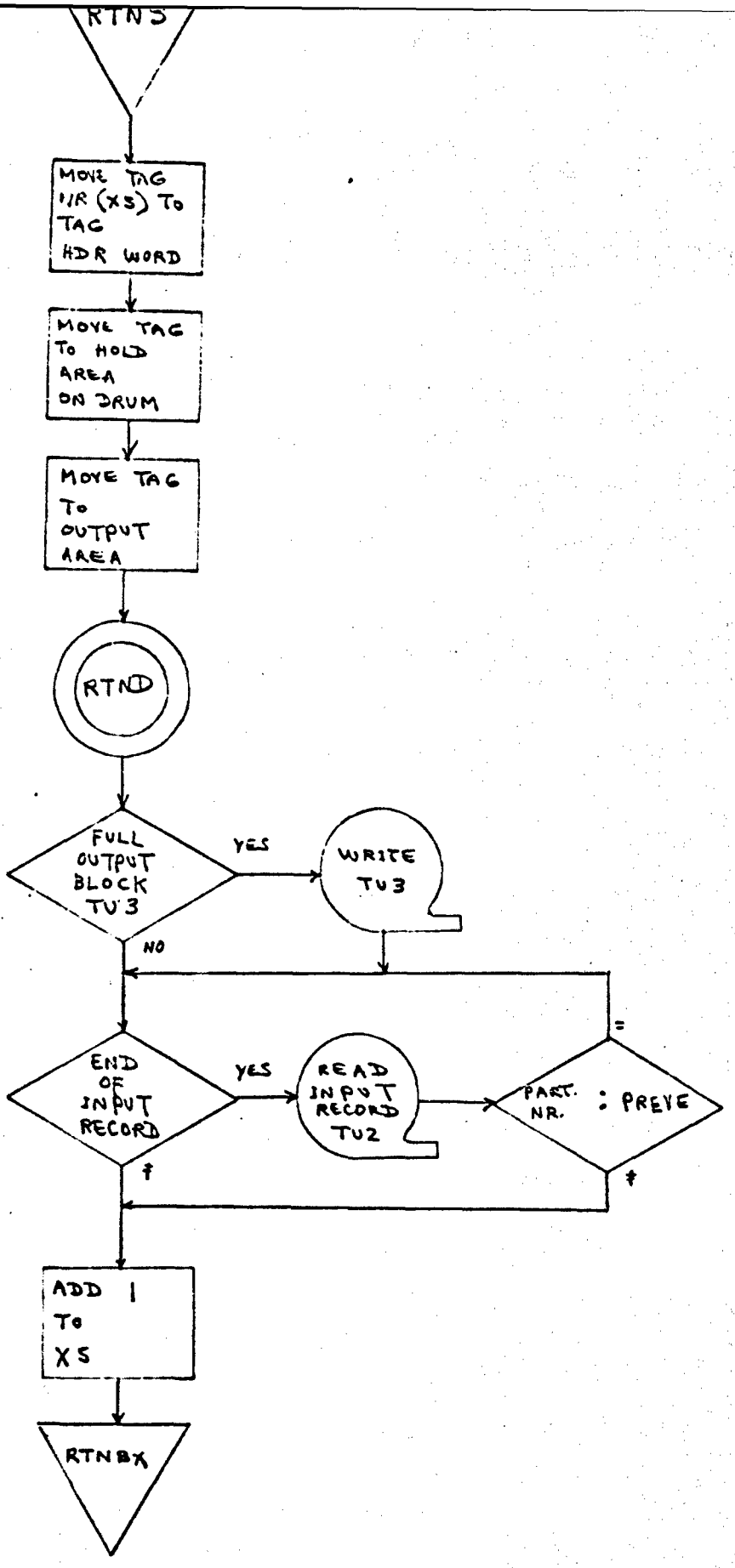

F01
MOVE PARTICIPANT NUMBER TO PREVF
RDCJ
PART. NR. : PREVF
=
B02
≠
IS THERE A PARTIAL OUTPUT PROFILE
NO
A01
YES
WRITE INTEREST PROFILE TU 3
A01

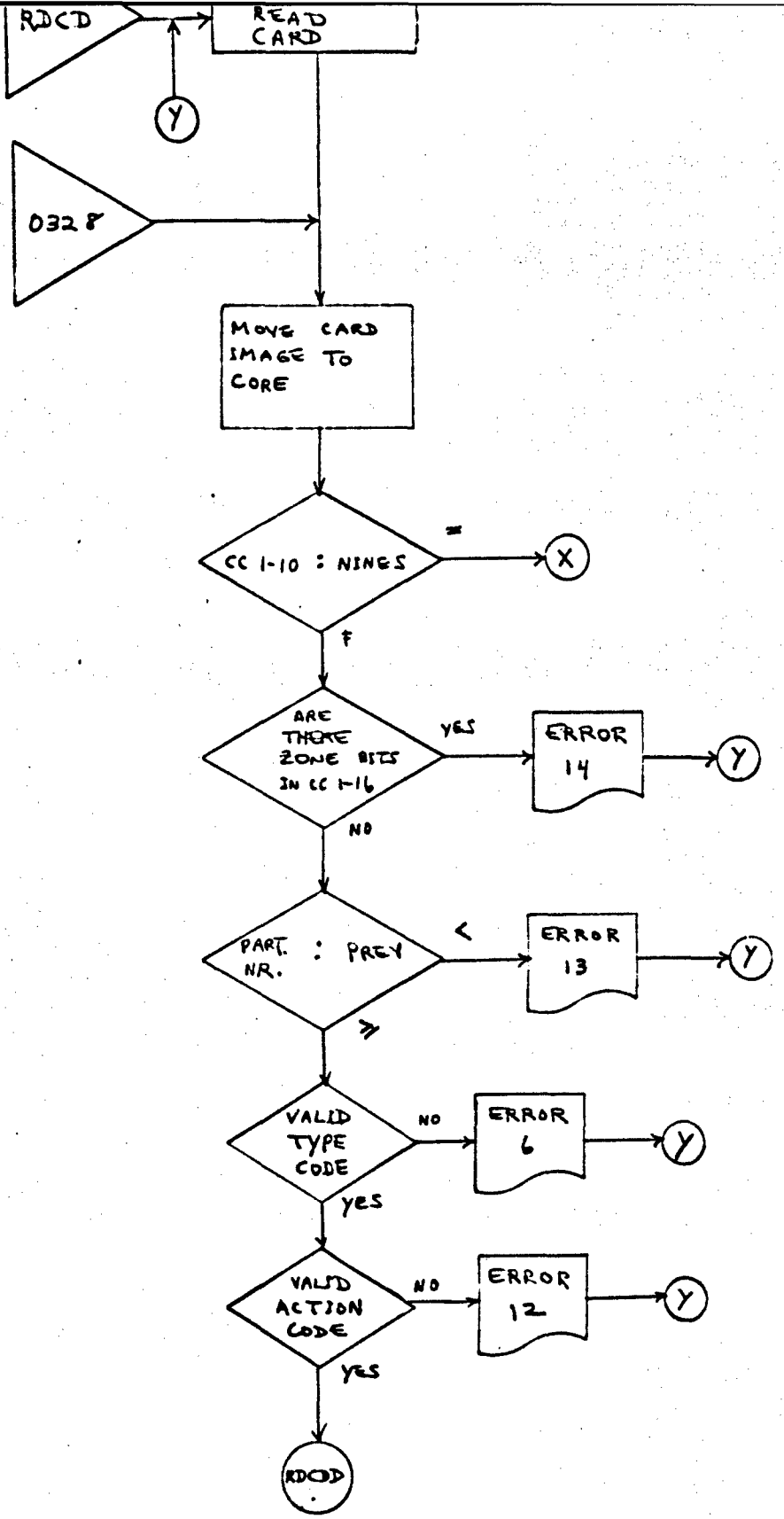

K01
ADDRESS CARD
NO
L01
YES
PART. NR. : PREVD
=
ERROR 4
N01
≠
MOVE PARTICIPANT NUMBER TO PREVD
CHANGE
NO
ERROR 9
N01
YES
MOVE ADDRESS TO INTEREST PROFILE
N01


PART. NR. : PREVE
=
M05
≠
MOVE PARTICIPANT NUMBER TO PREVE
MOVE NAME, ADDRESS, LANGUAGE, AND METHOD OF SELECTION TO OUTPUT
M05
PART. NR. : PROFILE
≠
M07
=
PROFILE INTEREST : F-F10
=
READ INTEREST PROFILE TU2
M05
≠
INTEREST NR : PROFILE
<
=
M09
M07
>
INT : PROFILE INTEREST
=
≠
MOVE PROFILE INTEREST NUMBER TO INT
SET XS TO ZERO
RTNB
M05


DELETE
NO
M12
yes
CARD TAG NR. : BLANKS
=
RTNC
PROF. PART. NR. : PREVE
≠
NO1
=
PROF. INTEREST NR : PREVE
≠
=
<
TAG NR. : PROFILE
ERROR 11
NO1
≥
TAG NR. : PROFILE
=
RTNC
NO1
>
RTNB
M05
M12
<
TAG NR : PROFILE
>
ERROR 11
NO1
RTNB
M05
=
RTNC
RTNA
NO1


EOJ
CLOSE OUTPUT FILE TU3
CLOSE OUTPUT FILE TU4
HALT
9999 9999


RTN5
MOVE TAG I/R (X5) TO TAG HDR WORD
MOVE TAG TO HOLD AREA ON DRUM
MOVE TAG TO OUTPUT AREA
RTND
FULL OUTPUT BLOCK TU3
YES
WRITE TU3
NO
END OF INPUT RECORD
YES
READ INPUT RECORD TU2
PART. NR. : PREVE
=
≠
≠
ADD 1 TO X5
RTNBX


RDCD
READ CARD
Y
0328
MOVE CARD IMAGE TO CORE
CC 1-10 : NINES
=
X
≠
ARE THERE ZONE BITS IN CC 1-16
YES
ERROR 14
Y
NO
PART. NR. : PREV
<
ERROR 13
Y
≥
VALID TYPE CODE
NO
ERROR 6
Y
yes
VALID ACTION CODE
NO
ERROR 12
Y
yes
RDCD

LAYOUT CHART | INTEREST PROFILE | Date

INTEREST. PROFILE UPDATE - INPUT/OUTPUT | Run No. | Programmer

E LENGTH. IF A
RECORD IS
LY THE FIRST
T ON THAT
WILL START
L 008.

PARTICIPANT NUMBER
NAME
NAME
NAME
NAME | BLANK
ADDRESS (LINE 1)
ADDRESS (LINE 1
ADDRESS (LINE 1
ADDRESS (LINE 1) | ADDRESS (LINE 2)
ADDRESS (LINE 2)
ADDRESS (LINE 2)
ADDRESS (LINE 2)
LANGUAGE 1
LANGUAGE 2
LANGUAGE 3
LANGUAGE 4
LANGUAGE 5
LANGUAGE 6
LANGUAGE 7
LANGUAGE 8

ITEM LAYOUT CHART	Item Name: INTEREST TAGS	Date
Application: INTEREST PROFILE UPDATE – OUTPUT	Run No.	Programmer

TEN RECORDS PER BLOCK

INTEREST TAG					
INTEREST TAG					
INTEREST TAG					
INTEREST TAG					
INTEREST TAG	BLANK				
BLANK					
PARTICIPANT NR					

(: – FOR MUST
:) FOR NOT

INTEREST NUMBER	TAG NUMBER	X	Y	WEIGHT

/c – FOR MAY SYSTEM
BLANK FOR WEIGHT SYSTEM

BLANK					
BLANK					

TEN-TO-THE-INCH SPECIFICATION SHEET

THE

ERROR LISTING

ERROR CODE

FAC. X/

X XX

Interest Profile Status Report

Operating Instructions

1. Load program from SDI Master Instruction tape. (SDI-MIT)

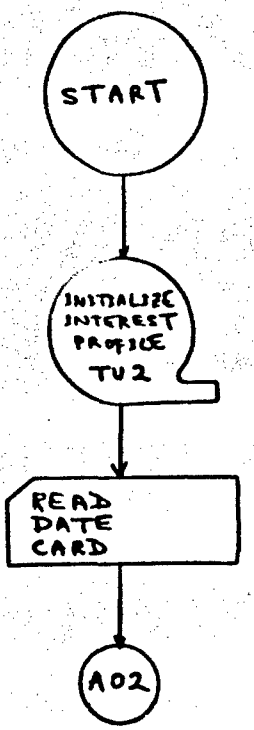
2. Mount Interest profile on tape unit #2.

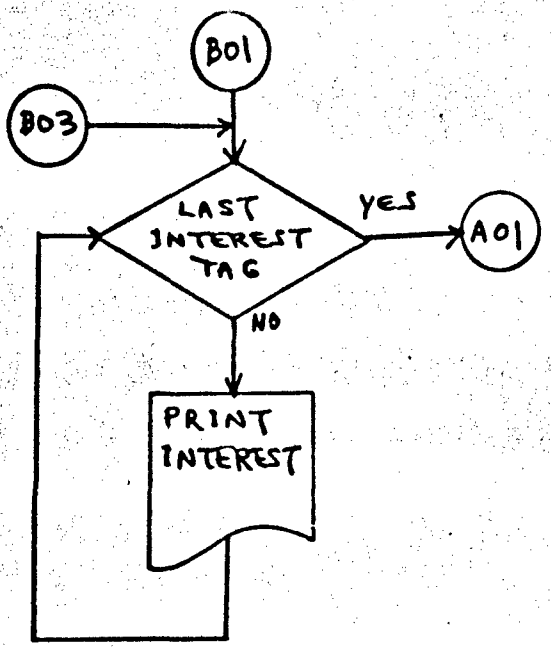
3. Place date card with date punched in cc 1-20 in card reader.

4. Set paper in printer with three holes showing above the sprocket.

5. Start at 4999.

INTEREST PROFILE STATUS REPORT




B01
B03
LAST INTEREST TAG
YES
A01
NO
PRINT INTEREST

TEM LAYOUT CHART | Item Name | Date

lication | Run No. | Programmer

	LANGUAGE 9
	LANGUAGE 10
	NUMBER OF NOTIFICATIONS THIS PERIOD
	TOTAL NOTIFICATIONS
	NUMBER OF RESPONSE 1
	NUMBER OF RESPONSE 2
	NUMBER OF RESPONSE 3
	NUMBER OF RESPONSE 4
	BLANK
- FOR MAY SYSTEM BLANK FOR WEIGHT SYSTEM	BLANK | Y | BLANK
	INTEREST NUMBER | TAG NUMBER | 0 0 | WEIGHT
HT WILL BE BLANK/N FOR AND BLANK/M FOR MUST.	TAG WORD
	TAG WORD
	TAG WORD
	TAG WORD
	TAG WORD

TEN-TO-THE-INCH SPECIFICATION SHEET

Copy drawn for IBM Type 407 must include alignment symbols (⊕) in one or more of three locations shown

THE S

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INTEREST PROFILE STATUS REPORT

PAGE XX

DATE

XX

X

ITEM LAYOUT CHART	Item Name: INTEREST TAGS	Date
Application: SORT INTEREST TAGS	Run No.	Programmer

TEN RECORDS PER BLOCK

INTEREST TAG
INTEREST TAG
INTEREST TAG
INTEREST TAG
INTEREST TAG | BLANK
BLANK
PARTICIPANT NR |
INTEREST NUMBER | TAG NUMBER | | WEIGHT
BLANK
BLANK

Code Interest Tags

Operating Instructions

1. Load program from SDI Master Instruction Tape. (SDI-MIT)

2. Mount sorted Interest profile on tape unit #2.

3. Mount sorted Medlars Dictionary tape on tape unit #3.

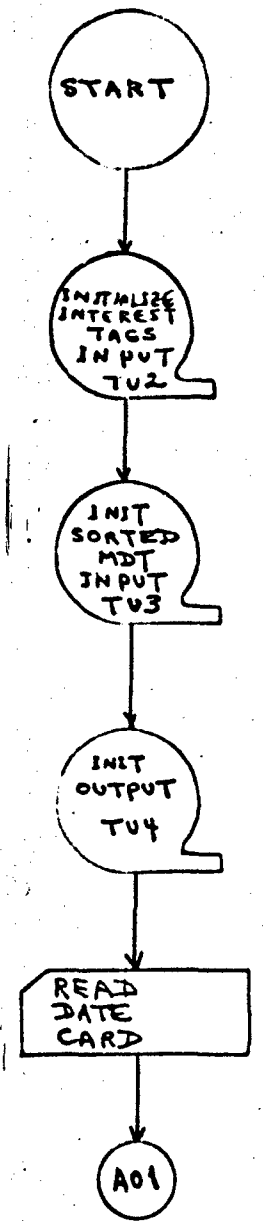
4. Mount scratch on tape unit #4. This will be the coded interest tag file.

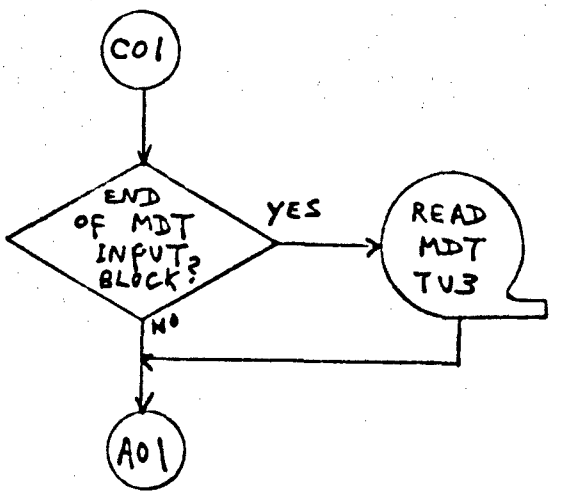
5. Place date card in reader with date punched in cc 1-20.

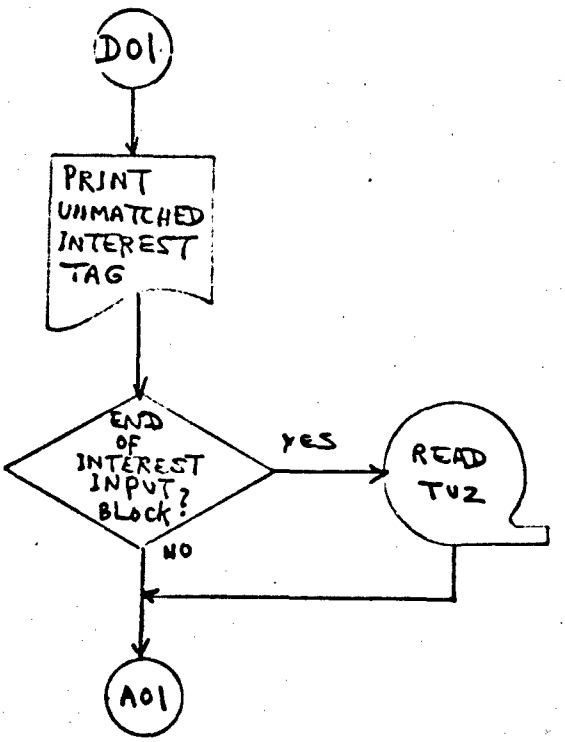
6. Set paper with three holes showing above the sprocket.

7. Start at location 4999.

CODE INTEREST TAGS

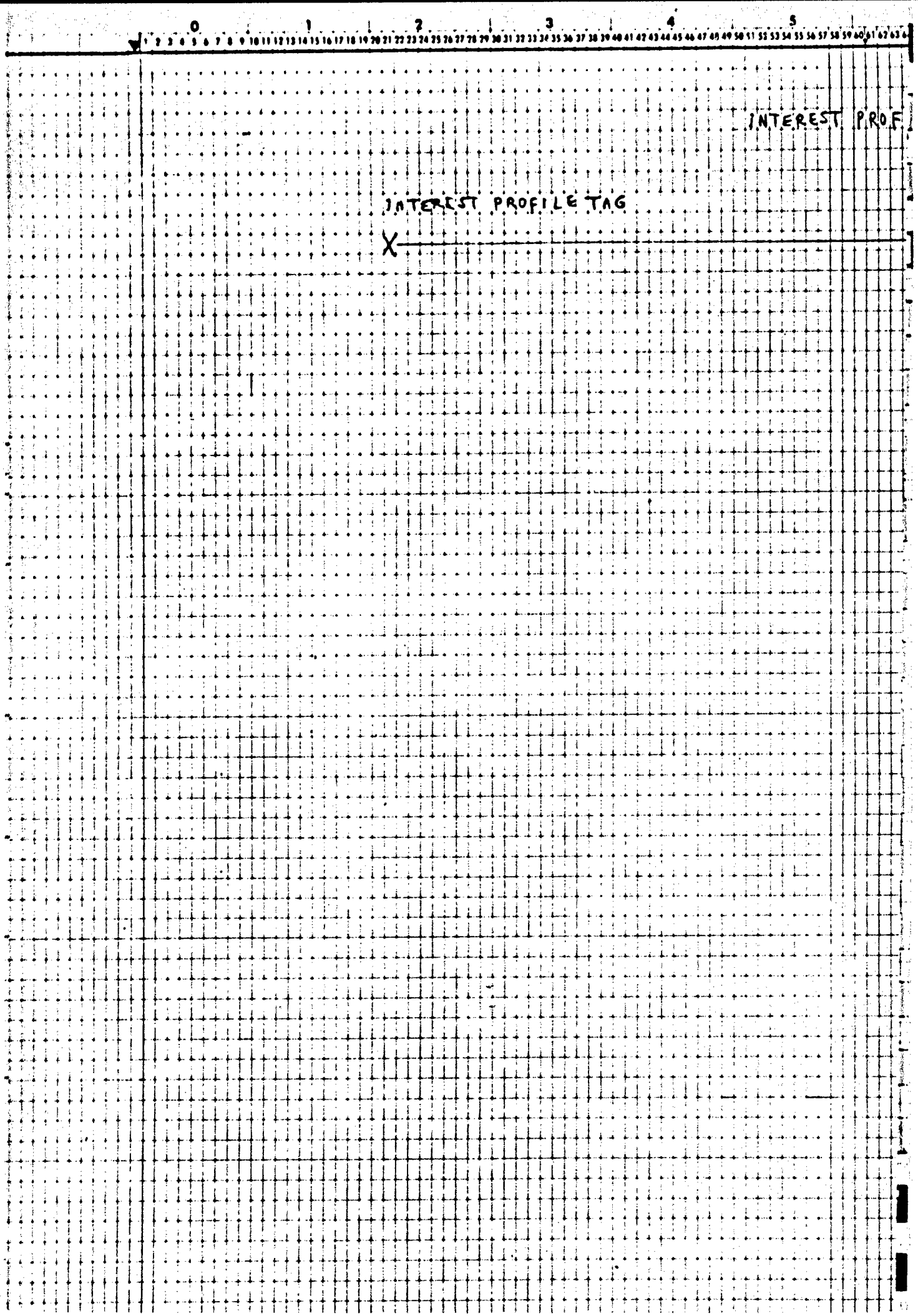



C01
END OF MDT INPUT BLOCK?
YES
READ MDT TU3
NO
A01


D01
PRINT UNMATCHED INTEREST TAG
END OF INTEREST INPUT BLOCK?
YES
READ TU2
NO
A01

ITEM LAYOUT CHART	Item Name: SORTED CONVERTED MESH FILE	Date
Application: CODE INTEREST TAGS - INPUT	Run No.	Programmer

TEN RECORDS PER BLOCK (1000 CHARACTER BLK)	ENGLISH MAIN HEADING
	ENGLISH MAIN HEADING
	ENGLISH MAIN HEADING
	ENGLISH MAIN HEADING
	ENGLISH MAIN HEADING | BLANK
	MAIN HEADING CODE
	ALTERNATE MAIN HEADING CODE
	ALT IND.
	BLANK
	BLANK


INTEREST PROF
INTEREST PROFILE TAG
X

SORT CODED INTEREST TAGS

Purpose: To sort the Coded Interest tags into sequence by participant number, interest number, and tag number.

See sorting instructions on last page of book.

SELECT CITATIONS

Purpose: The purpose of this program is to match the Coded Interest File against the Retrieved Citation File and to select certain citations based on either the MAY or the WEIGHT method of selection. A percent will be provided at the start of the program and will be used for those participants who have specified the MAY method in their interest profile. The method used in selecting citations is to make one or more passes of the citation file for each participant. Only one pass will be made if the total number of tags for the participant is less than 400. To avoid a delay while waiting for the citation file to rewind, this tape is initially copied onto a work tape. and these tapes are alternated during the run.

Input: Converted Retrieved Citation File with two 500 character records per block.

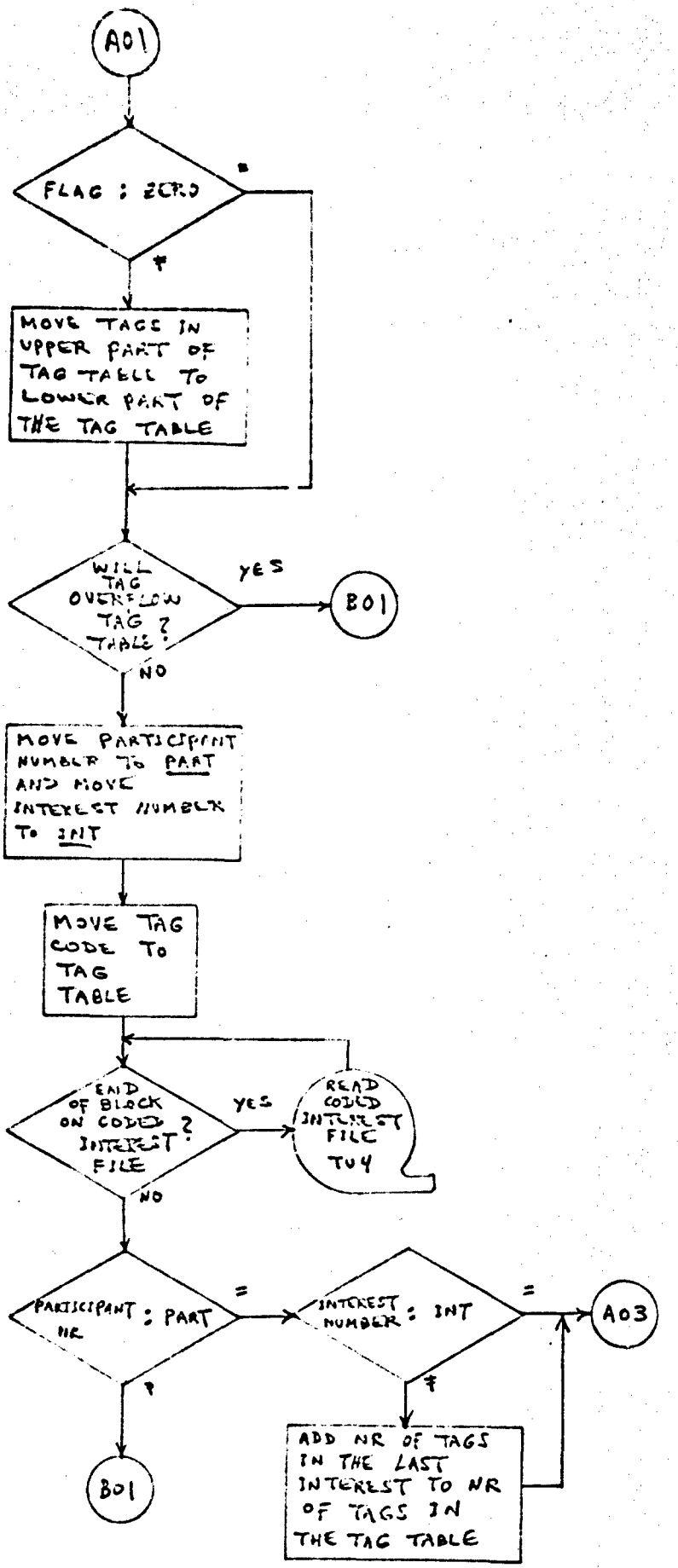
Coded Interest File with ten records per block sorted into sequence by participant number, interest number, and tag number.

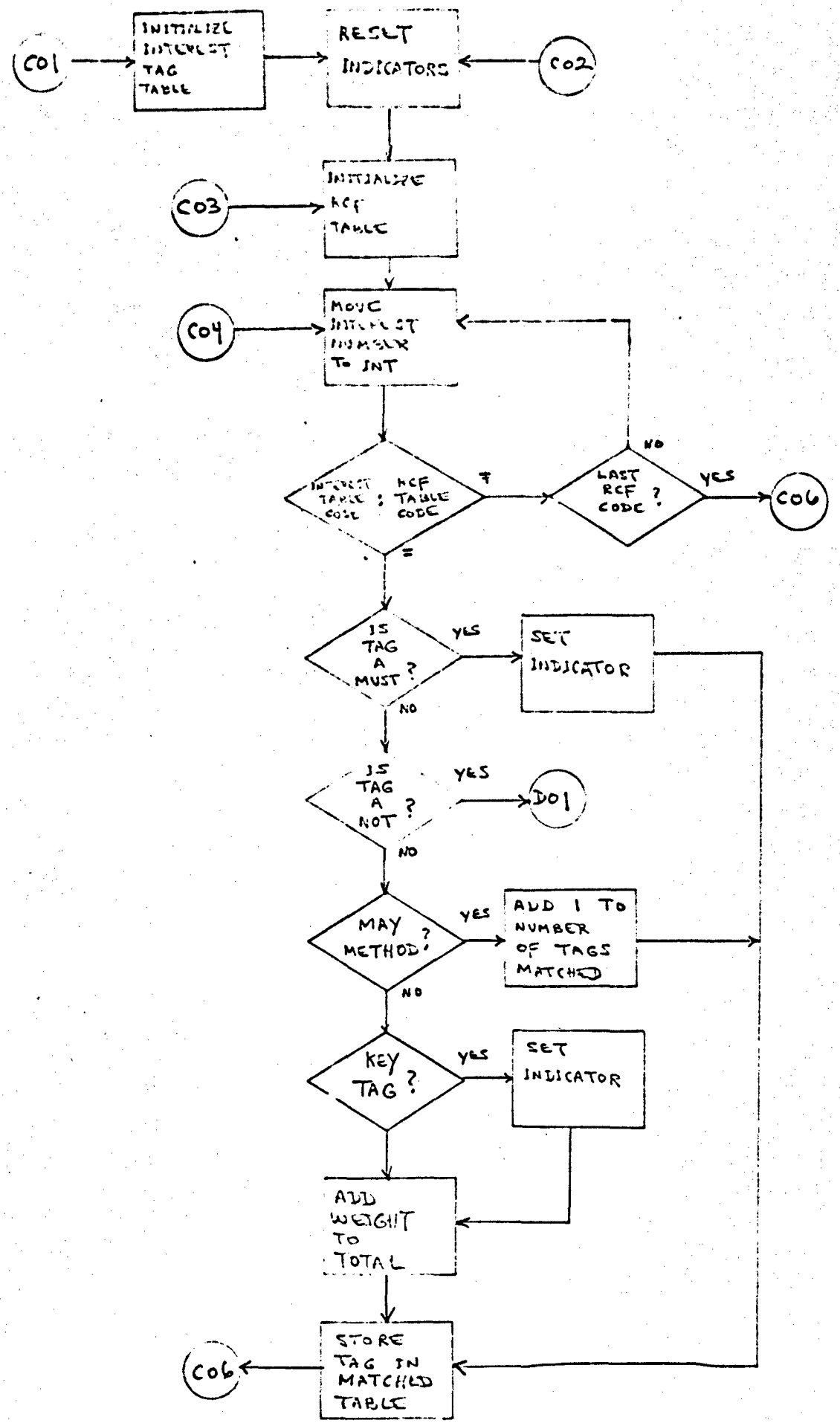
Output: The output will be the Selected Citation File. As each citation is selected, a separate record will be written containing the interest tag codes that caused selection.

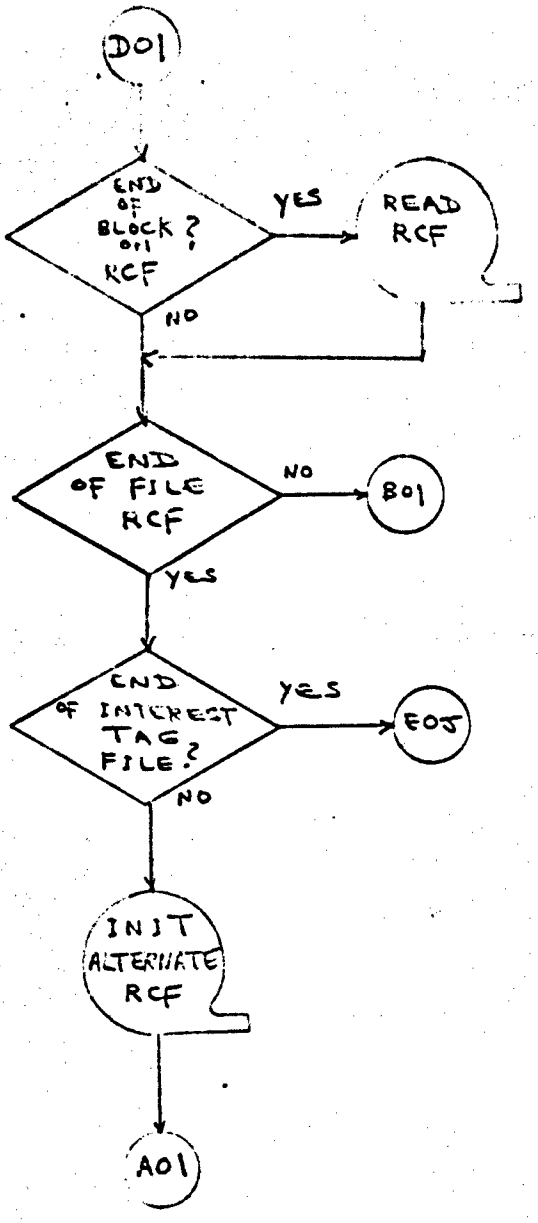
SELECT CITATIONS

HALTS

67 1111 cccc	C + 1 on an addition using the add routine. RA contains the initial value, rX contains the number to be added, and rL contains the exit. The halt may be overridden by transferring control to rL, but it is recommended that the cause of the overflow be traced and a rerun made.
67 9999 9999	End-of-job.


A01
FLAG : ZERO
≠
=
MOVE TAGS IN UPPER PART OF TAG TABLE TO LOWER PART OF THE TAG TABLE
WILL TAG OVERFLOW TAG TABLE ?
YES
NO
B01
MOVE PARTICIPANT NUMBER TO PART AND MOVE INTEREST NUMBER TO INT
MOVE TAG CODE TO TAG TABLE
END OF BLOCK ON CODED INTEREST FILE ?
YES
NO
READ CODED INTEREST FILE TU4
PARTICIPANT NR : PART
=
INTEREST NUMBER : INT
=
A03
≠
B01
ADD NR OF TAGS IN THE LAST INTEREST TO NR OF TAGS IN THE TAG TABLE


C01
INITIALIZE INTEREST TAG TABLE
RESET INDICATORS
C02
C03
INITIALIZE RCF TABLE
C04
MOVE INTEREST NUMBER TO INT
INTEREST TABLE CODE : RCF TABLE CODE
≠
NO
LAST RCF CODE ?
YES
C06
=
IS TAG A MUST ?
YES
SET INDICATOR
NO
IS TAG A NOT ?
YES
D01
NO
MAY METHOD ?
YES
ADD 1 TO NUMBER OF TAGS MATCHED
NO
KEY TAG ?
YES
SET INDICATOR
ADD WEIGHT TO TOTAL
C06
STORE TAG IN MATCHED TABLE


D01
END OF BLOCK ON RCF ?
YES
READ RCF
NO
END OF FILE RCF
NO
B01
YES
END OF INTEREST TAG FILE ?
YES
EOJ
NO
INIT ALTERNATE RCF
A01

ITEM LAYOUT CHART | Item Name - CONVERTED RETRIEVED CITATION FILE | Date

Application SELECT CITATIONS - INPUT | Run No. | Programmer

00(500) CHARACTER
ECORDS PER
00 CHARACTER BLK.

CITATION NUMBER

LANGUAGE CODE

NUMBER OF MAIN HEADING CODES

VARIABLE

MAIN HEADING CODE

MAIN HEADING CODE

TITLE, AUTH
OR, JTA, VOL
UME, PAGINA
TION, PUBLI
CATION DAT
E

TEM LAYOUT CHART | Item Name SELECTED CITATION | Date

plication SELECT CITATIONS

JO 500 CHARACTER
COPIES PER BLOCK.

PARTICIPANT NUMBER | 1

LANG CODE

CORD 1 IS THE
TATION. THERE MAY
= MORE THAN ONE
ECORD 1 FOR A
RGE CITATION.

NUMBER OF MAIN HEADING CODES

CODE

CODE

TITLE, AUTH

OR, JTA, VOL

UME, PAGINA

TION, PUBLI

CATION DAT

E

CORD 2 CONTAINS
E INTEREST AND TAG
MBER OF THE TAGS
AT CAUSED SELECTION

PARTICIPANT NUMBER | 2

INTEREST | TAG | X

= FOR MUST
) FOR NOT

FFFFF10 FOLLOWS
T ENTRY.

PRINT NOTIFICATIONS

OPERATING INSTRUCTIONS

1. Mount Selected Citation File on tape unit #2.

2. Mount latest Interest Profile on tape unit #3.

3. Mount the sorted Coded Interest File on tape unit #4.

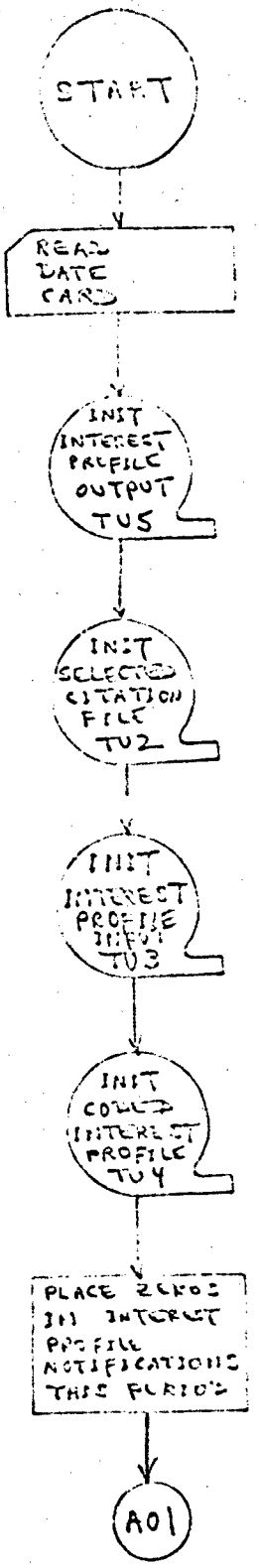
4. Mount a scratch tape on tape unit #5. The output on this tape will be the updated Interest Profile to be used as input to the program that prints the SDI Statistics.

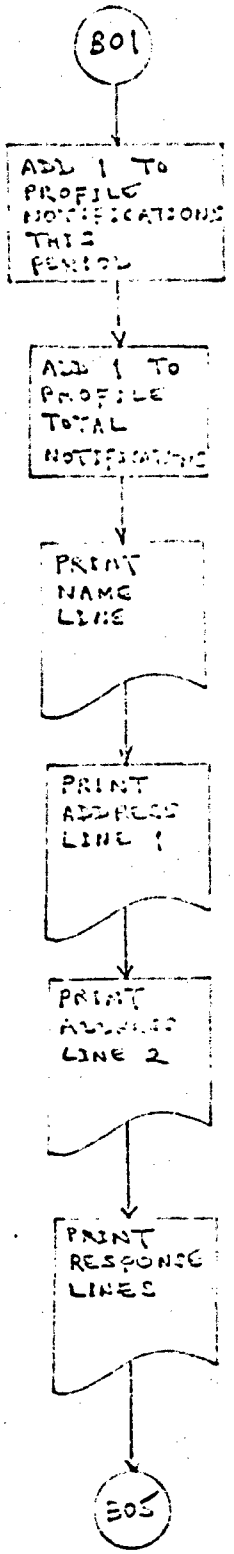
5. Place a date card in the reader with the date punched in CC 1-20.

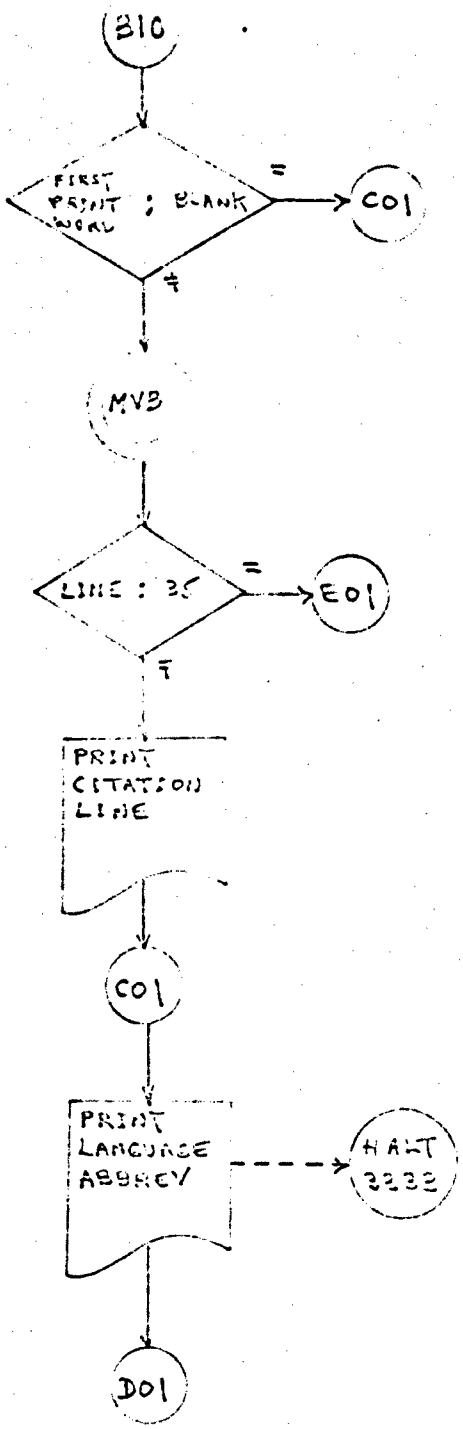
6. Set up the printer with the special 3 x 5 card forms. The form should be set so that printer position 1 will be the leftmost print position on the card. Insure that a horizontal perforation of the forms is set against the print hammers.

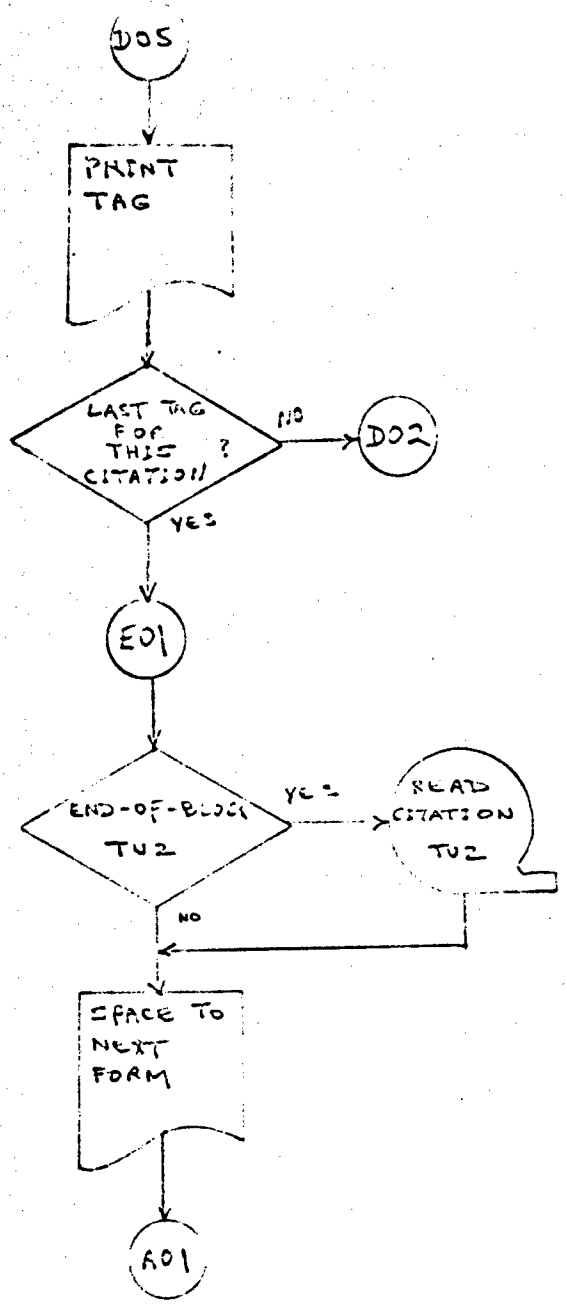
7. Start at location 4999.

PRINT NOTIFICATIONS




B01
ADD 1 TO PROFILE NOTIFICATIONS THIS PERIOD
ADD 1 TO PROFILE TOTAL
PRINT NAME LINE
PRINT ADDRESS LINE 1
PRINT ADDRESS LINE 2
PRINT RESPONSE LINES
B05


B10
FIRST PRINT WORD : BLANK
=
C01
≠
MVB
LINE : 35
=
E01
T
PRINT CITATION LINE
C01
PRINT LANGUAGE ABBREV
HALT 3333
D01


D05
PRINT TAG
LAST TAG FOR THIS CITATION ?
NO
D02
YES
E01
END-OF-BLOCK TU2
YES
READ CITATION TU2
NO
SPACE TO NEXT FORM
A01

TEM LAYOUT CHART	Item Name: INTEREST PROFILE	Date
plication: PRINT NOTIFICATIONS - INPUT/OUTPUT	Run No.	Programmer

PARTICIPANT NUMBER
NAME
NAME
NAME
NAME | BLANK
ADDRESS (LINE 1)
ADDRESS (LINE 1
ADDRESS (LINE 1
ADDRESS (LINE 1) | ADDRESS (LINE 2)
ADDRESS (LINE 2)
ADDRESS (LINE 2)
ADDRESS (LINE 2)
LANGUAGE 1
LANGUAGE 2
LANGUAGE 3
LANGUAGE 4
LANGUAGE 5
LANGUAGE 6
LANGUAGE 7
LANGUAGE 8

EM LAYOUT CHART | Item Name SORTED CODED INTEREST TAGS | Date

cation PRINT NOTIFICATIONS - INPUT | Run No. | Programmer

RECORD	PARTICIPANT NR				
BLOCK	INTEREST NUMBER	TAG NUMBER			WEIGHT
	MAIN HEADING CODE				
	INTEREST TAG				
	INTEREST TAG				
	INTEREST TAG				
	INTEREST TAG				
	INTEREST TAG				BLANK
	BLANK				
	BLANK				

8 9 10 11 12 13 14

X TIFICATION DATE

IATESPONSE NUMBER)

DOCNT REQUESTED

DOCNT NOT WANTED

HAVEEN BEFORE

ST.

JOUR TITLE ABBREV, VOL

), PUCATION DATE

ICAL RARY

ARMOLOGICAL LABORATORY

DETRI

JCA RYLAND

Operating Instructions

1. Mount Interest Profile tape from the Print Notifications program on TU2.

2. Mount a scratch tape on TU3.

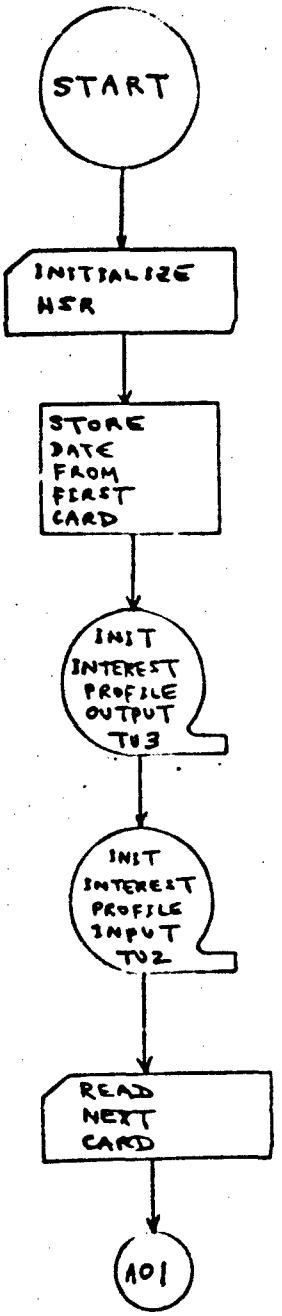
3. Place response cards in reader, preceded by a date card with date punched in cc 1-20, and followed by a sentinel card with nines in cc 1-10.

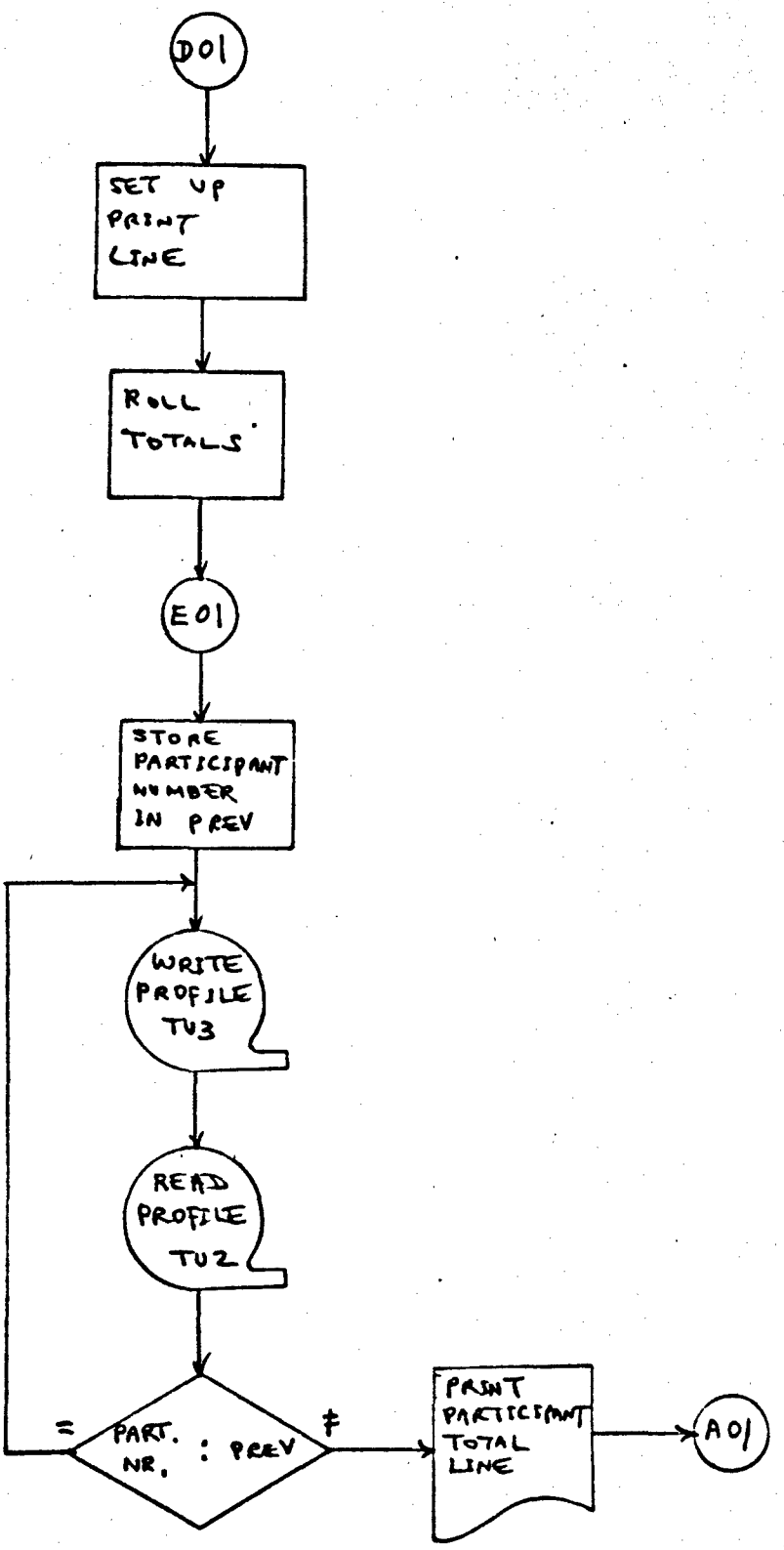
4. Set paper in printer with three holes showing above the paper feed sprocket.

5. Set automatic interrupt on.

6. Start at 4999.

PRINT SDI STATISTICS




D01
SET UP PRINT LINE
ROLL TOTALS
E01
STORE PARTICIPANT NUMBER IN PREV
WRITE PROFILE TU3
READ PROFILE TU2
=
PART. NR. : PREV
≠
PRINT PARTICIPANT TOTAL LINE
A01

RESPONSE CARDS

1. The participant number should be punched in cc 1-9.

2. The response number should be punched in cc 20.

3. The response cards must be in sequence on participant number.

EM LAYOUT CHART	Item Name		Date
ation		Run No.	Programmer

		LANGUAGE 9			
		LANGUAGE 10			
		NUMBER OF NOTIFICATIONS THIS PERIOD			
		TOTAL NOTIFICATIONS			
		NUMBER OF RESPONSE 1			
		NUMBER OF RESPONSE 2			
		NUMBER OF RESPONSE 3			
		NUMBER OF RESPONSE 4			
		BLANK			
FOR MAY SYSTEM ANK FOR WEIGHT SYSTEM		BLANK		Y	BLANK
		INTEREST NUMBER	TAG NUMBER	0 0	WEIGHT
WILL BE BLANK/N FOR VD BLANK/M FOR MUST.		TAG WORD			
		TAG WORD			
		TAG WORD			
		TAG WORD			
		TAG WORD			

PAGE XXX

/
[illegible]BORATORY

[illegible]ND

DATE ——————→

[illegible]ES [illegible]RIOD	NUMBER OF RESPONSES BY TYPE 1	2	3	4	TOTAL NOTIFICATIONS	TOTAL RESPONSES
	XXXX	XXXX	XXXX	XXXX	XXXXX	XXXXX
	XXXX	XXXX	XXXX	XXXX	XXXXX	XXXXX

SDI - MIT

BLOCK	I. D.	RUN
0002	67 0000 HHHH	Load Block
0004	77 0001 B055	Internal Control (MASCOT)
0013	77 0002 B101	Internal Functions (MASCOT)
0041	77 0050 B001	MASCOT 50-Function
0072	77 0051 B001	MASCOT 51-Function
0079	77 0052 B001	MASCOT 52-Function
0088	77 0054 B001	MASCOT 54-Function
0095	67 0100 HHHH	Unused
0097	67 0110 HHHH	Unused
0099	67 0125 4999	Unused
0101	67 0150 4999	Unused
0103	77 0200 B000	Sort II
0112	77 0201 B000	Sort II
0120	77 0202 B001	Sort II
0129	77 0203 B201	Sort II
0139	77 0204 B001	Sort II
0165	77 0206 B200	Sort II
0181	77 0207 B000	Sort II
0201	77 0208 B000	Sort II
0221	77 0209 B000	Sort II
0254	67 0400 3500	S-4
0318	67 0500 4999	Convert RCF and MDT
0341	67 0520 4999	Update Interest Profile
0385	67 0530 4999	Interest Profile Status Report
0411	67 0550 4999	Code Interest Tags
0435	67 0570 4999	Select Citations
0461	67 0580 4999	Print Notifications
0495	67 0590 4999	Print Statistics