

-10-
(from previous page)

Set 62307 in N1 ("<")

SHLD-30; ERASE; REV;

RTN (p.8) (type message
of form: "ttLuu_ddd"
where ddd are first three
characters of identifier)

Reset M5 to 3xM6

Fetch identifier into N1 and N2

RTP3

(from previous
page)

SHLD+18; and insert 62475
(>-) in l.s. end of N2

RTN (p.8)

Set zero in N1

RTP2

(from previous
page)

Erase N1

Is C6 zero?

YES

RTP1

(previous page)

NO

TLX1

Restore link, EXIT 1

SUBROUTINE RTPN (GIVEN PROGRAM NAME, TYPE IT)

RTPN *

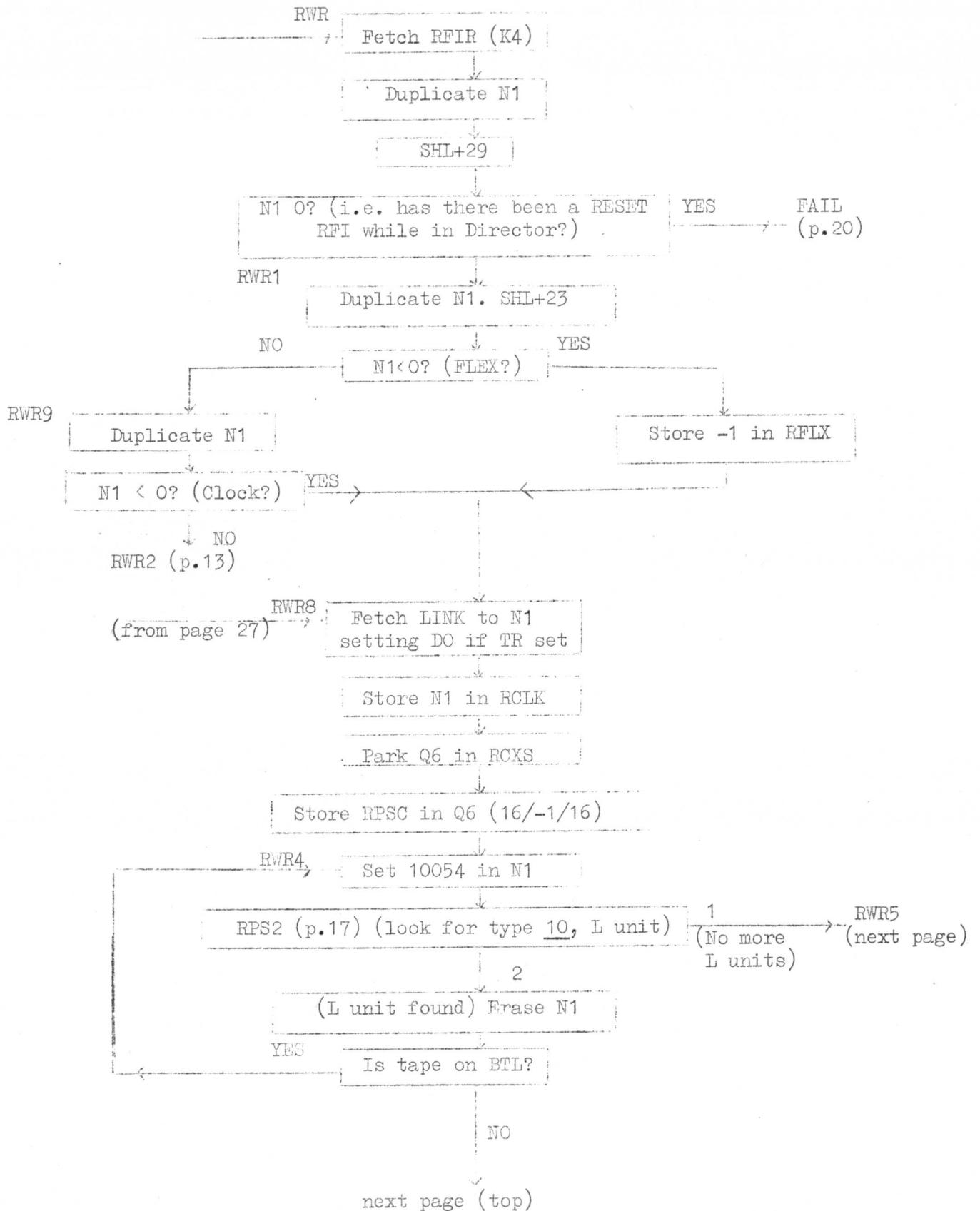
Set 20002 in N1

SHL+24

Subtract N1 from N2,
thus replacing CRLF's by spaces

RTN (p.8)

SUBROUTINE RWR (DEAL WITH RFIR, CLOCK, MAG. TAPE LOADING, ETC.)



-12- (from previous page)

Set 13 in N1

MUST (p.26) (to change
status to W)

Set 17440 in N1

SETW (p.32)

RWR4 (previous page)

(from previous page)

RWR5

Store RPSC in Q6

Set 10065 in N1

RPS2 (p.17) (look for type 10, U unit) ¹ (No more 10U units)

2

(10U unit found) Erase N1

NO

Is tape on BTL?

YES

Set 2 in N1

MUST (p.26) (to change
status to W)

Set 17770 in N1

SETW (p.32)

RWR7

Restore RCLK to SJNS,
clearing DO, if set, and
transferring its value to TR

Restore RCKS to Q6

RWR2 (next page)

(from previous page)

RWR2

(from p.11)

Fetch RSEC (1.048576 to 23i.p.)
to N1 if N1 0 (clock RFIR)
Fetch zero otherwise.
Leave RFIR in N2

Store copy of N1 in RCXS

Add N1 to RRLT,
storing result in RRLT

Extract DO-15 of N2 (clock) into
DO-D15 of N1; N2 shifted up 16 places

Multiply N1 by 1.048576/23 to obtain
Scaled clock reading (to 23i.p.). Store in RCLK

Duplicate N1

SHL+13

N1<0? (i.e. has RESET
RFI been set by program?)

YES

RSET

Erase N1

Set 76277 in N1
(failure R)

Clear core-store
lockouts

EXIT 1

NO

By shifting place FLEX, LIV, NOUV,
EDT, OUT in DO-4 of N1; other bits zero

OR copy of N1 with RCXS
leaving result in N1

N1 = 0?

YES

ERX2

Erase N1
EXIT 2

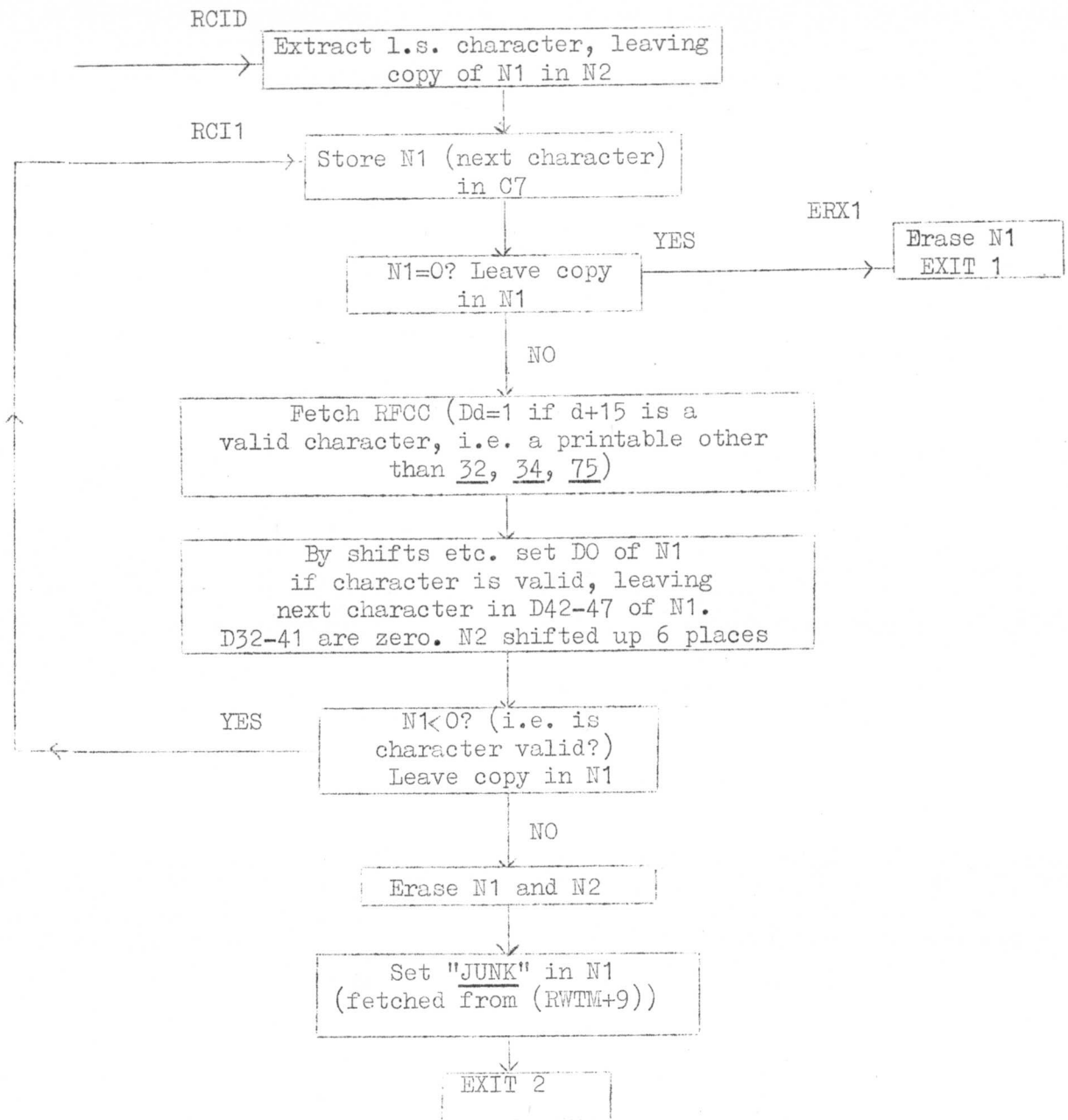
NO

By shifts place OUT, LIV, NOUV
in DO, 45, 46 of N1

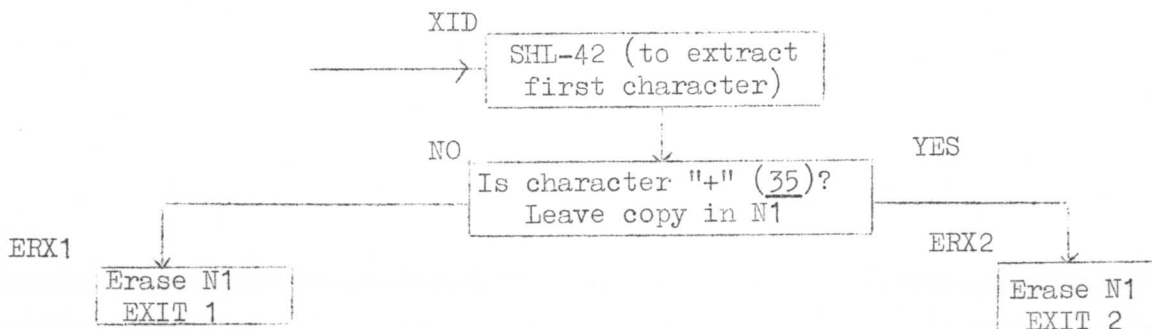
OR "all ones" with REDT if
EDT set, storing result in REDT
Leave REDT unchanged otherwise

EXIT 1

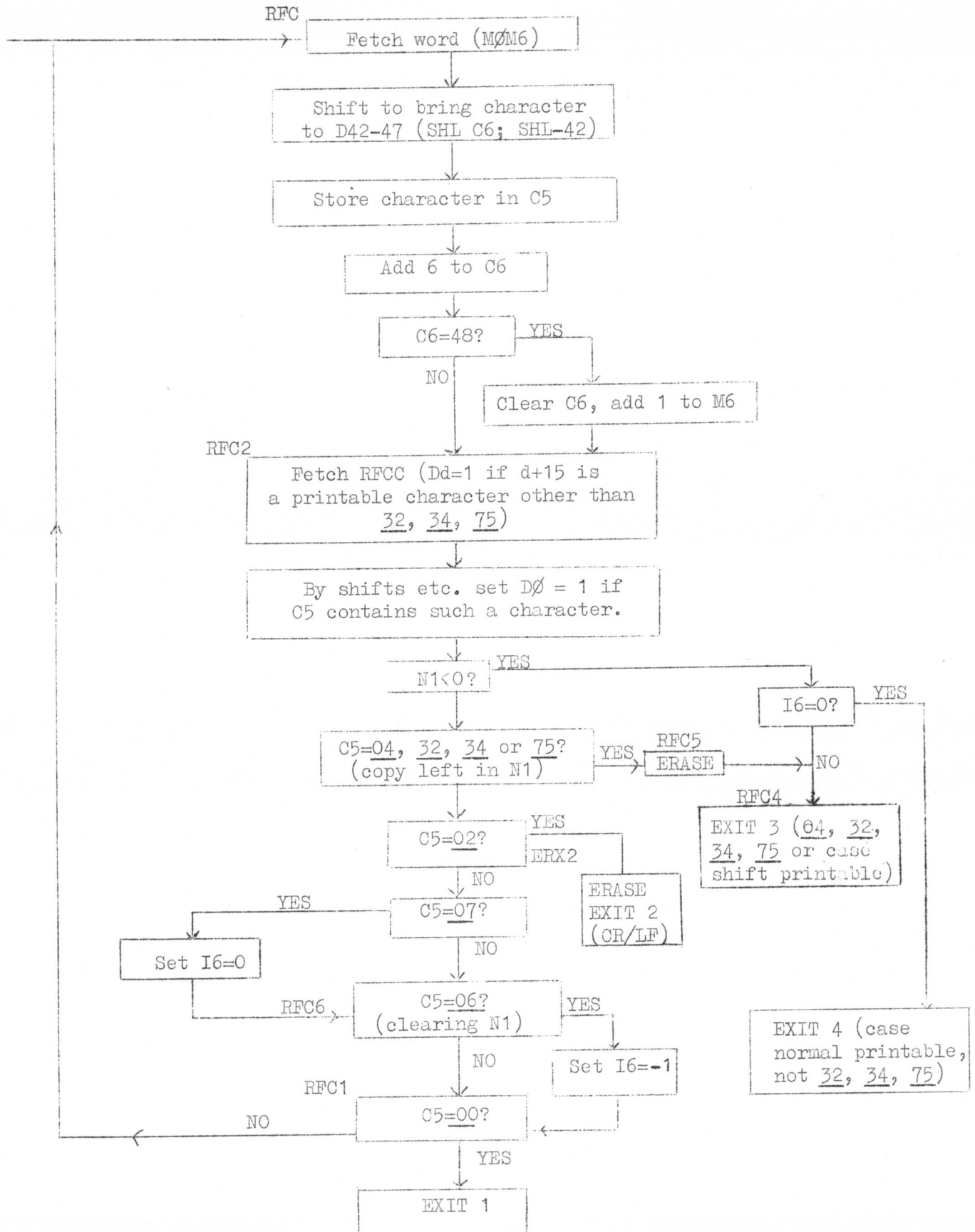
SUBROUTINE RCID (CHECK TAPE IDENTIFIER - checks characters in N1)



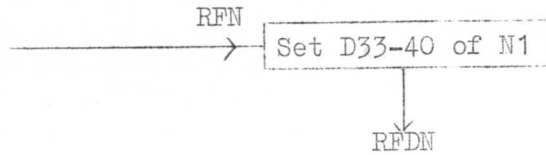
SUBROUTINE XID (INFER LENGTH OF IDENTIFIER GIVEN FIRST WORD)



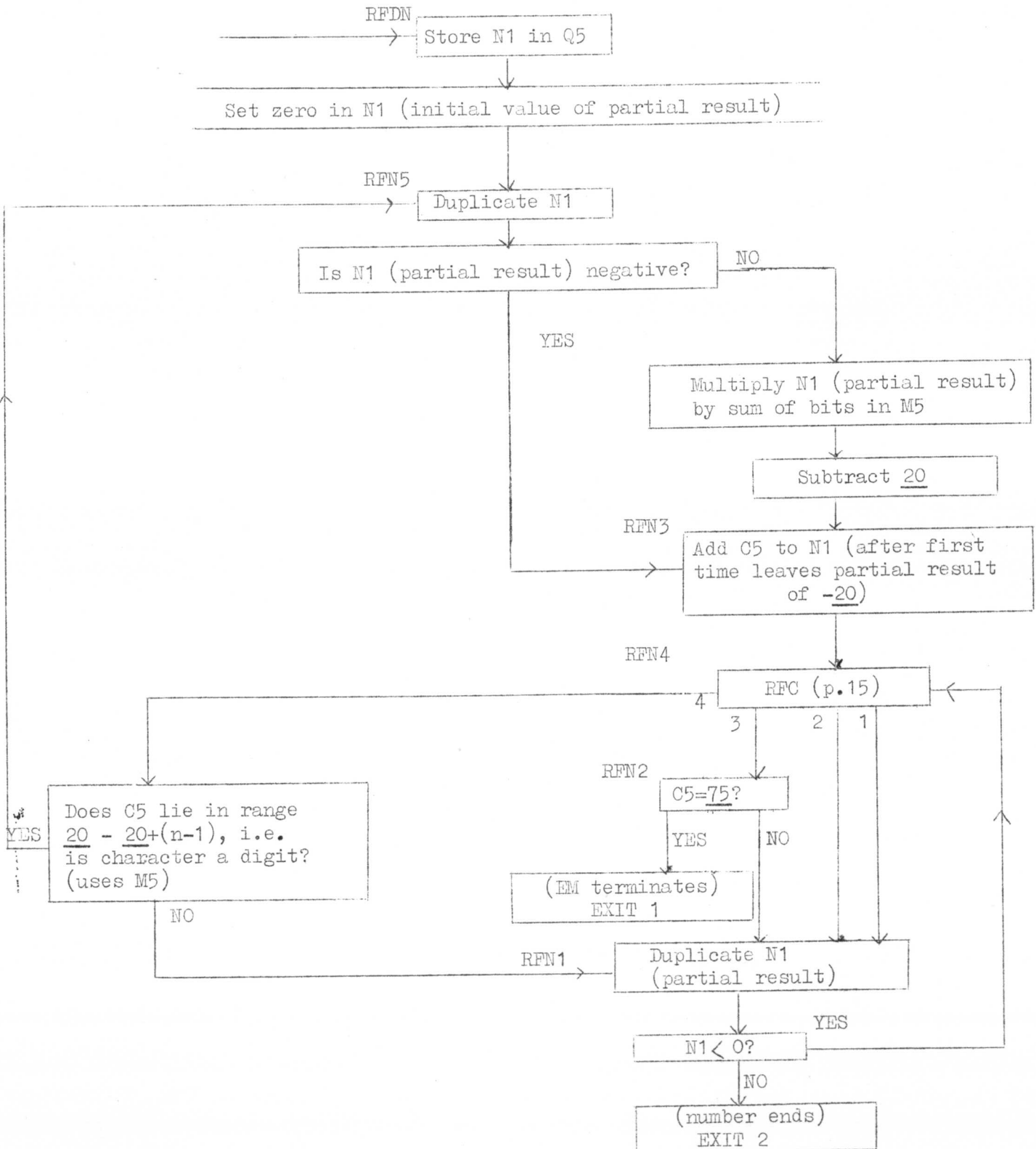
SUBROUTINE RFC (FETCH CHARACTER - GIVEN WORD ADDRESS IN M6,
I6=0 IF CASE SHIFTED, C6=D POSITION OF FIRST BIT OF CHARACTER)



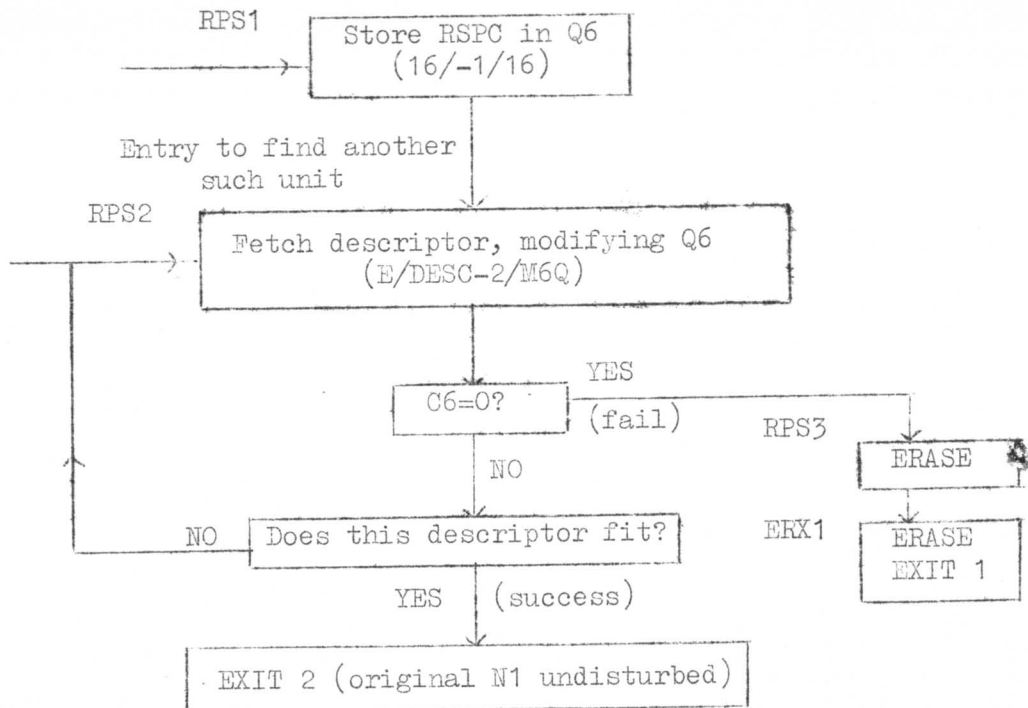
SUBROUTINE RFN (FETCH OCTAL NUMBER, PARAMETERS AS FOR RFC).



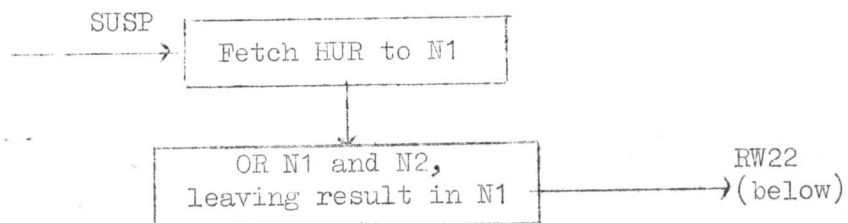
SUBROUTINE RFDN (FETCH NUMBER, RADIX n, GIVEN D33-D(32+n)
IN N1, PARAMETERS AS FOR RFC



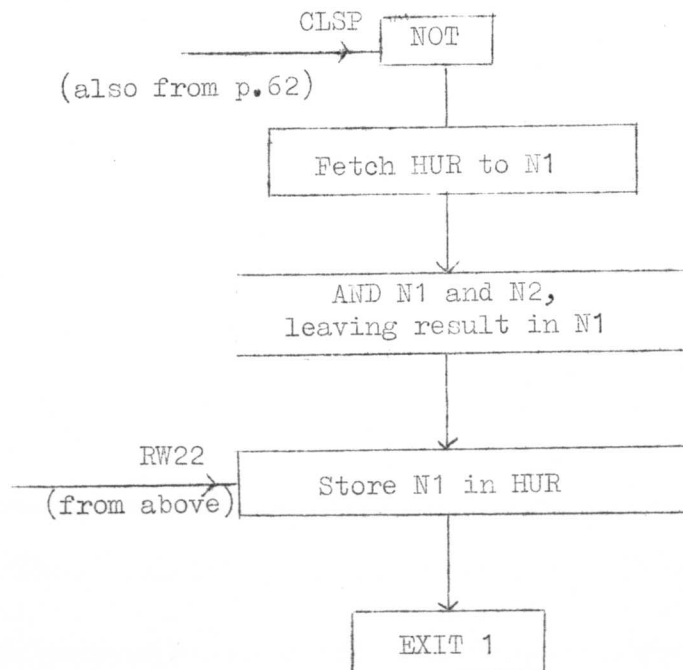
SUBROUTINE RPS1 (GIVEN TYPE NO. AND STATUS LETTER
IN N1 FIND A UNIT WITH THE SAME TWO IN ITS DESCRIPTOR)



SUBROUTINE SUSP (SET GIVEN BIT IN /HUR/)



SUBROUTINE CLSP (CLEAR GIVEN BIT FROM /HUR/)



(from program)	Dummy fetch, shift and store (Q0; SHL+63; = Q0;)
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Fetch RDLS to N1

FAIL
(p.20)

NO

Fetch RFIR (K4)

SHC + 1; SHL+21

NO

RW2

YES

RWR 1 (p.11)

RW1 (next page)
(LONG PATH

SHORT PATH :

2

Fetch RTIM to N1

Set short path
correction time in N1

RW3

(from next page)

Subtract N1 from N2

Restor link from RDLS

Store - 1 in RDLS

Store N1 in RTIM (program's run time)

Transfer RLIM to BA and NOL

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EXIT D (return
      to program)
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Erase N1

Set 76377 in N1
(failure S)

RW4 (next page)

