

Output on OUT 8 block

(from page 59)

RJ26

Store 1 in ROT8

Fetch C5 (coded stream number) into
N1 and store in O8SN and NCT of
N1 in C6. Leave copy of C5 in N1

Set $2 \times (RJTA)$ in N1
(address of table for OUT 8 streams)

Store half length address of
entry in table for current
stream in M6. ($+$; = M6)

Fetch entry into D0-D23 of N1 (D0=1
if first block to be output for this stream)

Set TR if D0 = 1,
Zeroising D0 (STR; = TR)

SHL-24, duplicate and store in C5
(N1 = unit number if direct output stream
= no. of blocks output if to mag. tape)

Fetch COPS
(current direct output streams)

SHCC6 (D0 = 1 if this
stream to be output direct)

N1 < 0?

YES

RJ21
(p.53)

NO

Fetch device number (if any) of OUT 8
magnetic tape from RTNV and store
in C5

C5 ≠ 0? (i.e. is there
an OUT 8 tape?)

YES

RJ22
(p.53)

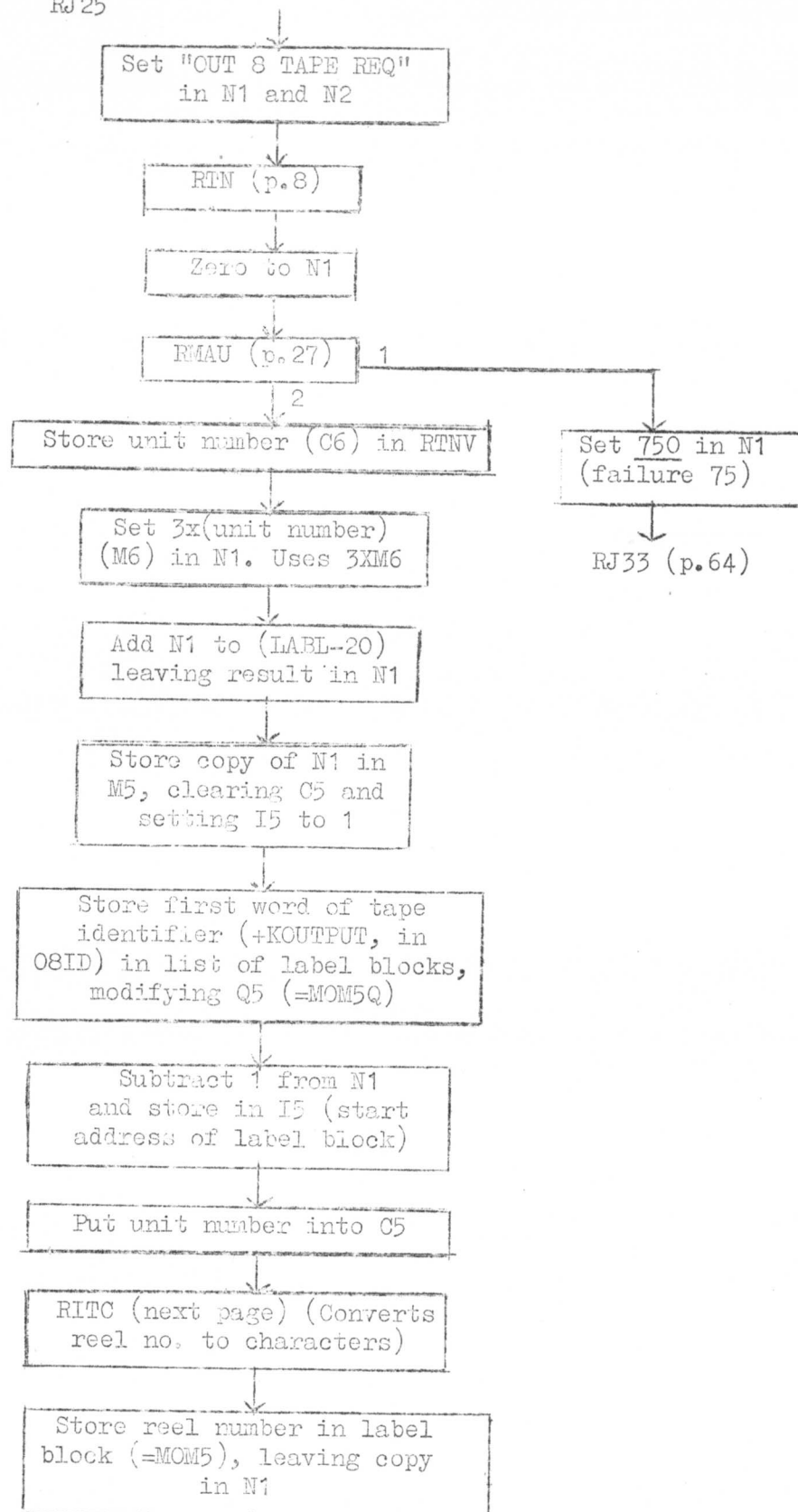
NO

Erase N1 (entry in
output table)

RJ25 (next page)

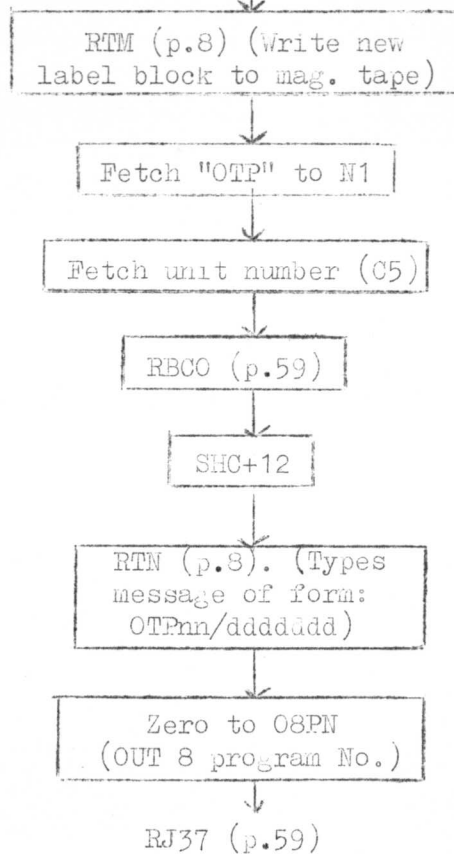
Obtain magnetic tape for OUT 8 (from previous page)

RJ25

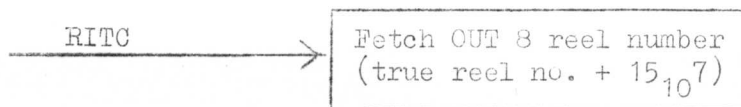


next page

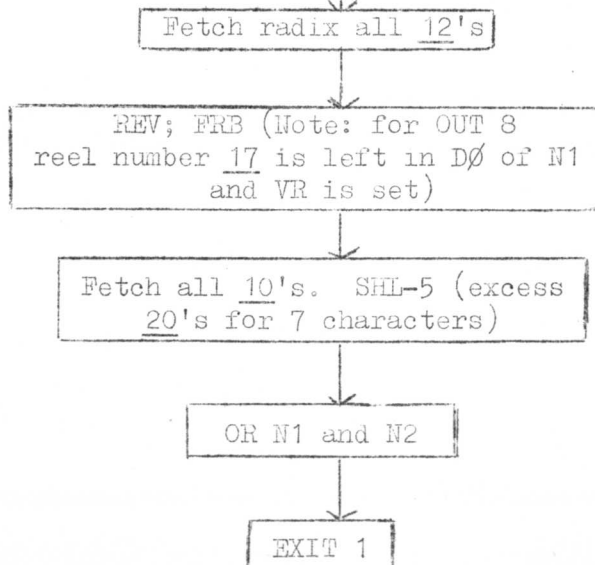
(from previous page)

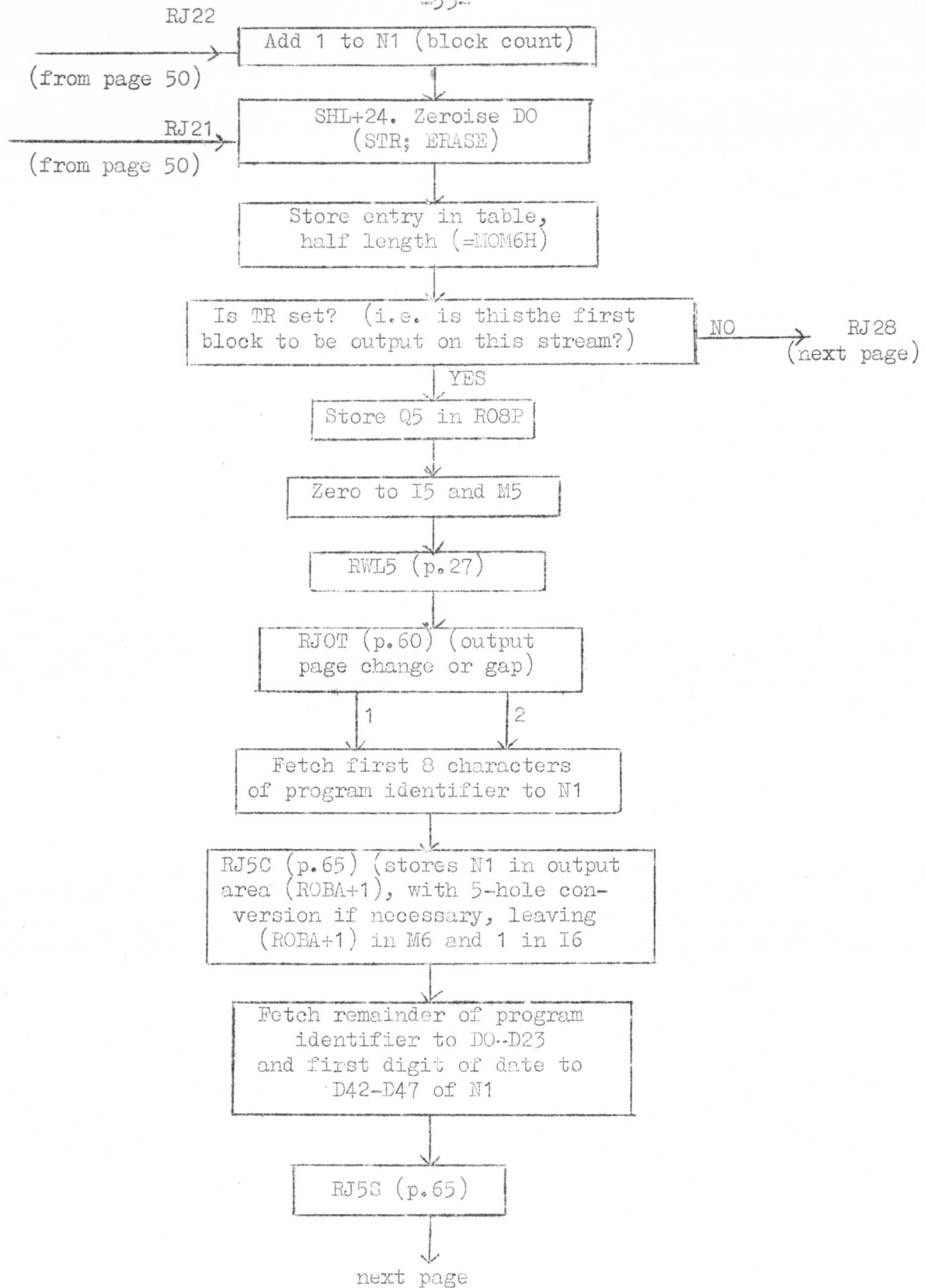


SUBROUTINE RITC (CONVERT OUT 8 MAG. TAPE REEL
NUMBER TO CHARACTERS, putting "i/i" as m.s. character)

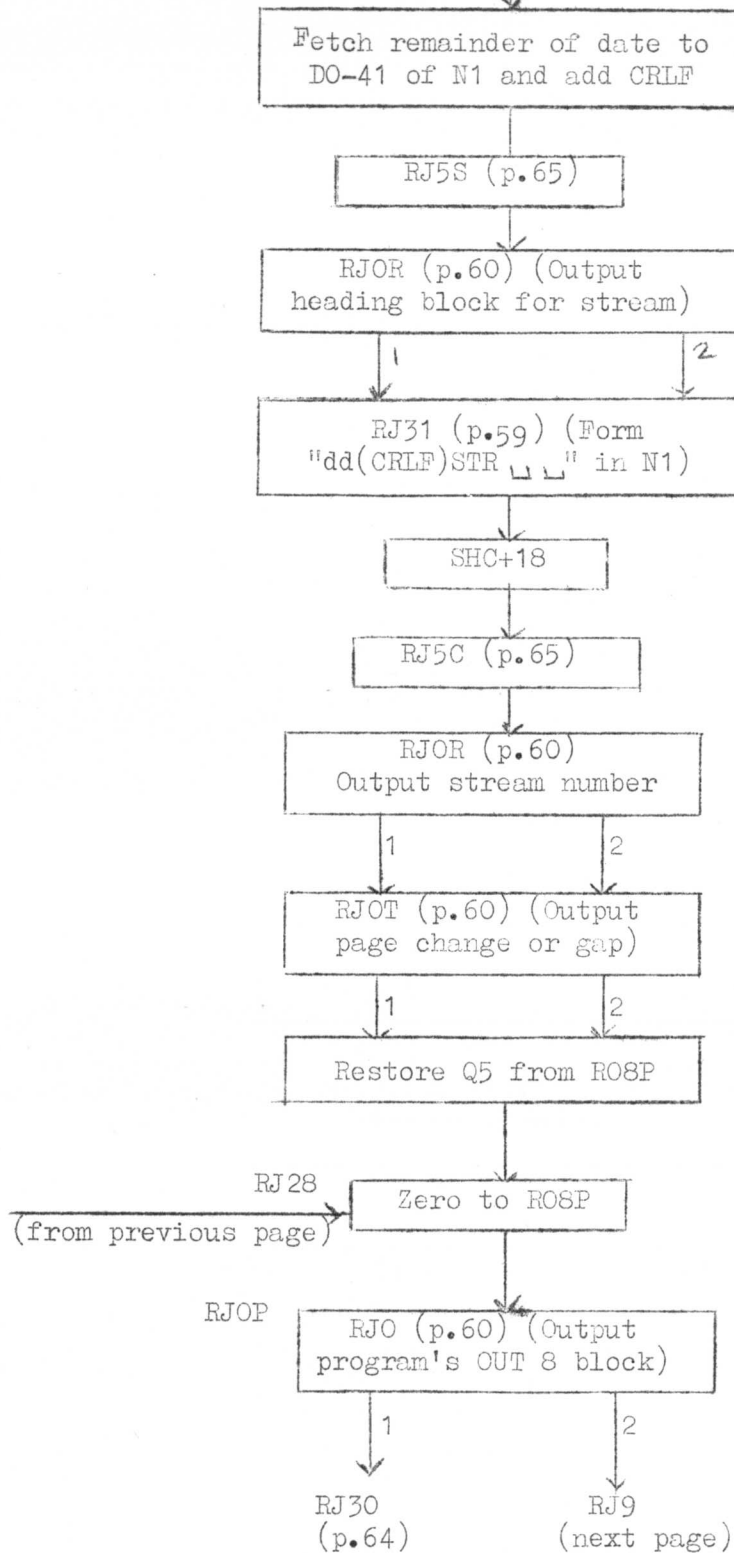


SUBROUTINE RBTD (CONVERT NUMBER IN N1 TO DECIMAL CHARACTERS
-- only 7-digit number)

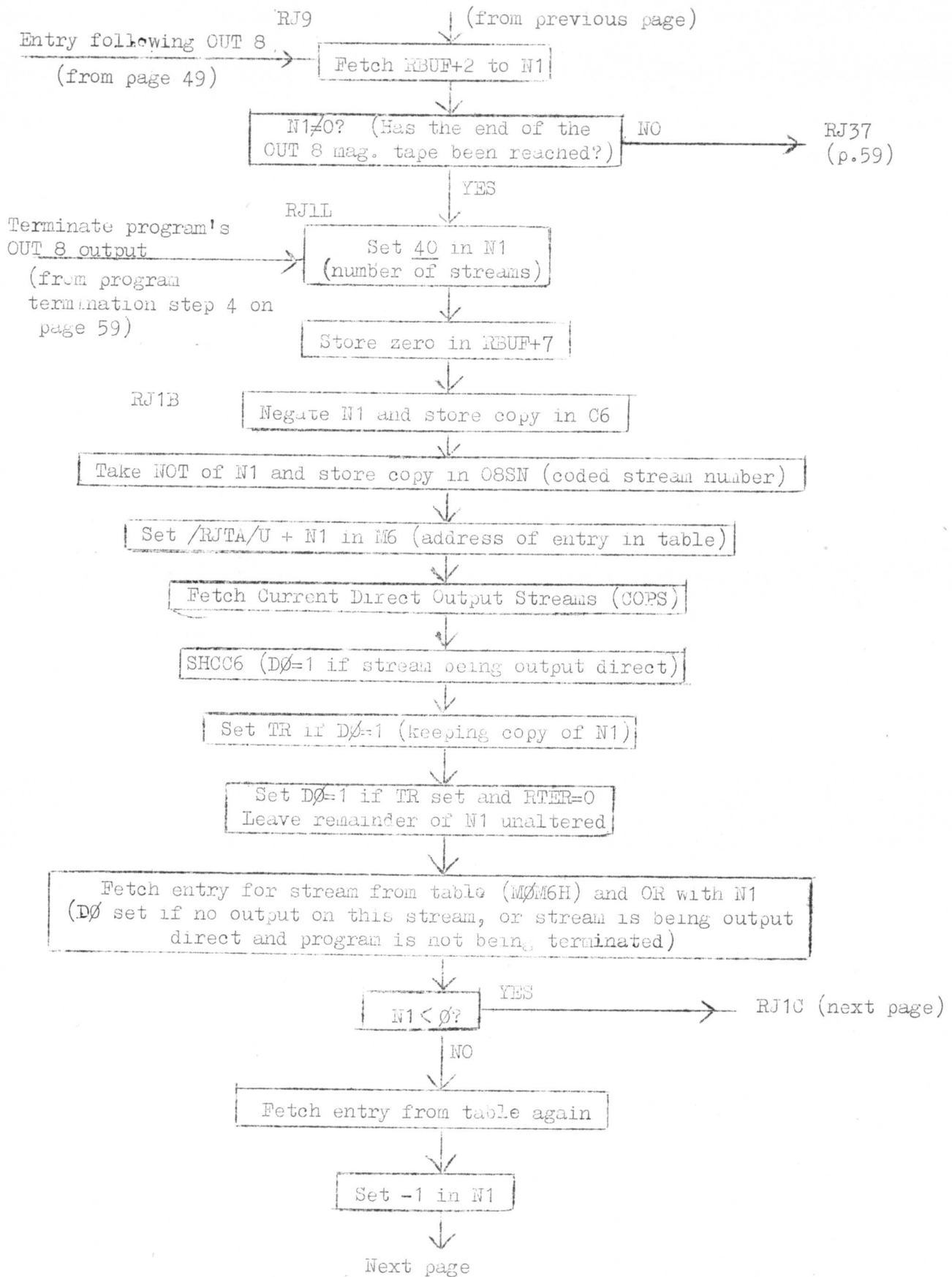




(from previous page)



OUT 8 SUBPROGRAM



-56-

(from previous page)

Is TR set (i.e. is stream being output direct and is program in termination)?

YES

NO

Store N1 (= -1) in table (=MOM6H)

Shift -24 and add 8 (no. of blocks output)

Store in RBUF+7

Fetch OUT 8 unit number (in RTNV) to C5

RJOT (p.60) (Output gap/page change)

Fetch RBUF+7

RTD (p.52) (Convert to decimal characters)

RJ5C (p.65) (Initialise and store N1 in output area)

Fetch "LINES" from RBUF+9 to N1

RJ5S (p.65) (Store in output area)

RJ31 (p.59) (Set "dd(CRLF) STR _ _" in N1)

SHC+18

RJ5S (p.65)

RJOR (p.60) (Output block giving number of lines output and stream number)

RJ1H

RJOT (p.60) (Output gap/page change)

Fetch coded stream number (OBSN)

N1 = 0?
(Leave copy in N1)

NO

RJ1B (previous page)

YES
next page

RJ1E

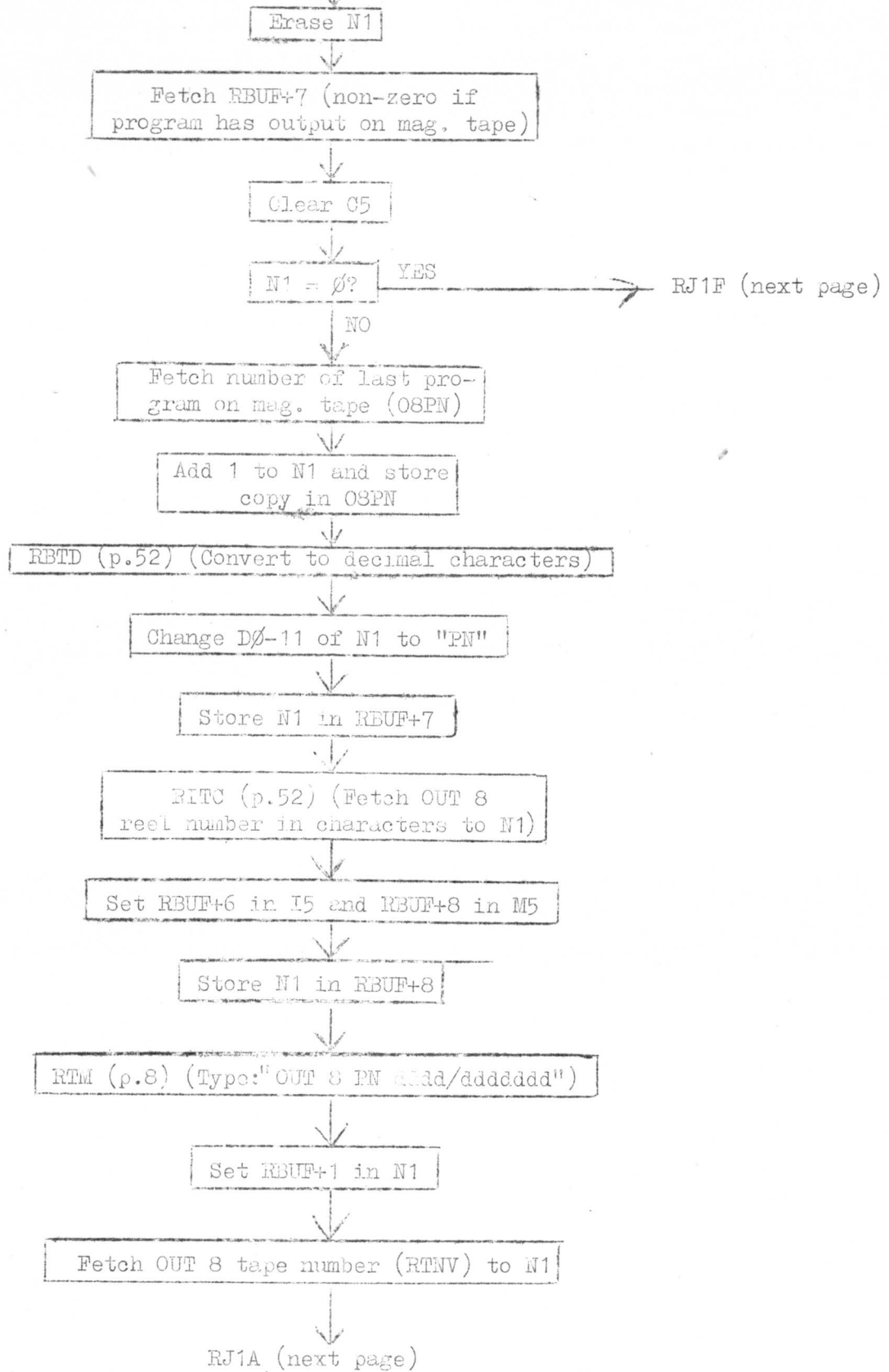
CONT

Store copy of N1 in table (=MOM6H)

SHL-24 and store in C5 (unit number)

RJ1C
(from previous page)

- 57 -
(from previous page)



(from previous page)

RJ1A

Store N1 in C5 and N2 in I5 and M5

Clear parity Q5

Output one word last block (POCQ5)
(EF on first time, ED on second)

Zero to I5 and M5

RWI5 (p.27)

RJ1F
(from previous page)
Set TR if RBUF+2=0
(end of mag. tape)

Set TR if ETW on mag. tape (PMTQ5)

NO
Is TR set?

YES

Set DQ-5 = 74, rest of N1 all 1's (ED block)

Fetch RBUF + 2

N1 = N2?
(not first time)

NO

Store N1 in RBUF+2

RJ1J

Erase N1

Set /RBUF+2/ in N2
and unit no. (in RTNV) in N1

Fetch C5

Zero to RTNV

RWID (p.52)

Zero to RBUF+2

Add 1 to OUT 8 reel number (in O8ID+1)

RJ1G

RTNV = 0?

YES

NO

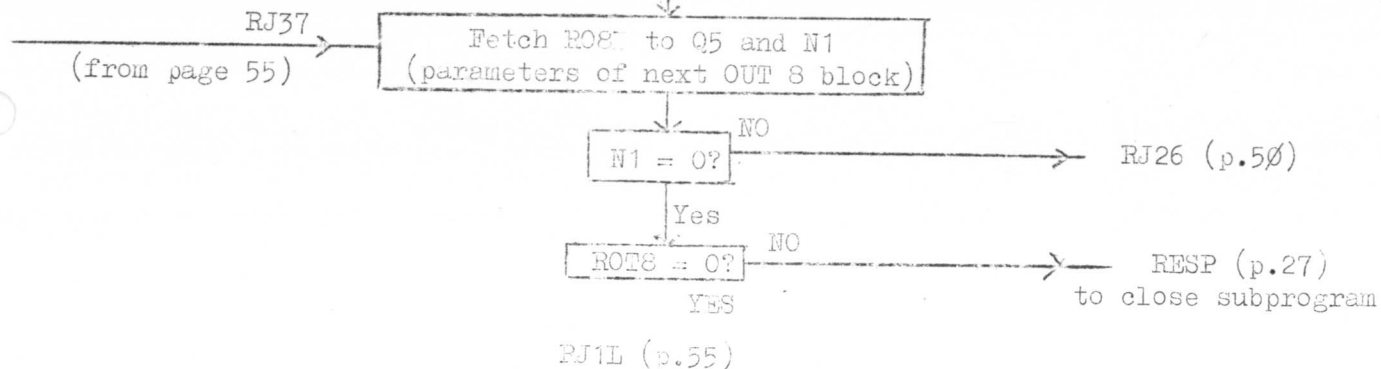
Park Q7 in ROT8

RJPM (p.68)

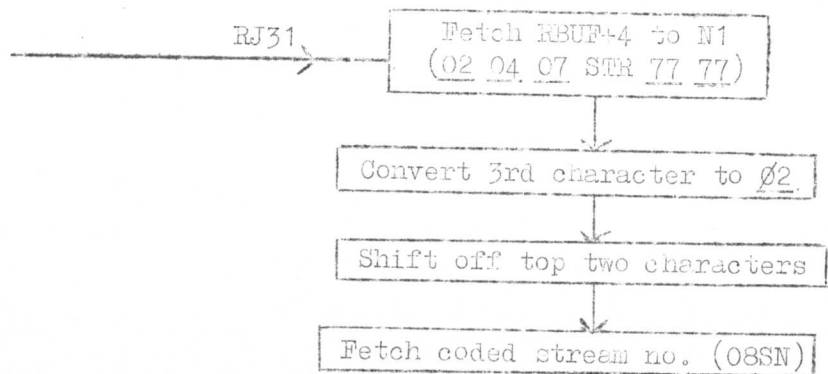
Restore Q7 from ROT8

Store -1 in termination step 4 marker (ROT8)

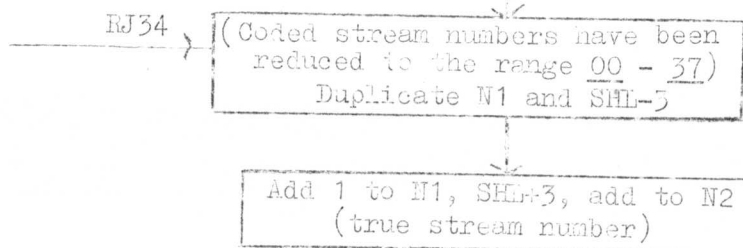
RJ37 (next page)



SUBROUTINE RJ31 (FORM WORD OF FORM "dd(CRLF)STR" in N1)



SUBROUTINE RJ34 (CONVERT CODED STREAM NUMBER TO TRUE
STREAM IN CHARACTERS IN TOP OF N2, AND PLACING RESULT IN N1)



SUBROUTINE RBC0 (CONVERT 2-DIGIT OCTAL NUMBER IN N1 TO
CHARACTERS, SHIFTING IT INTO TOP OF N2, AND PLACING RESULT IN N1)

