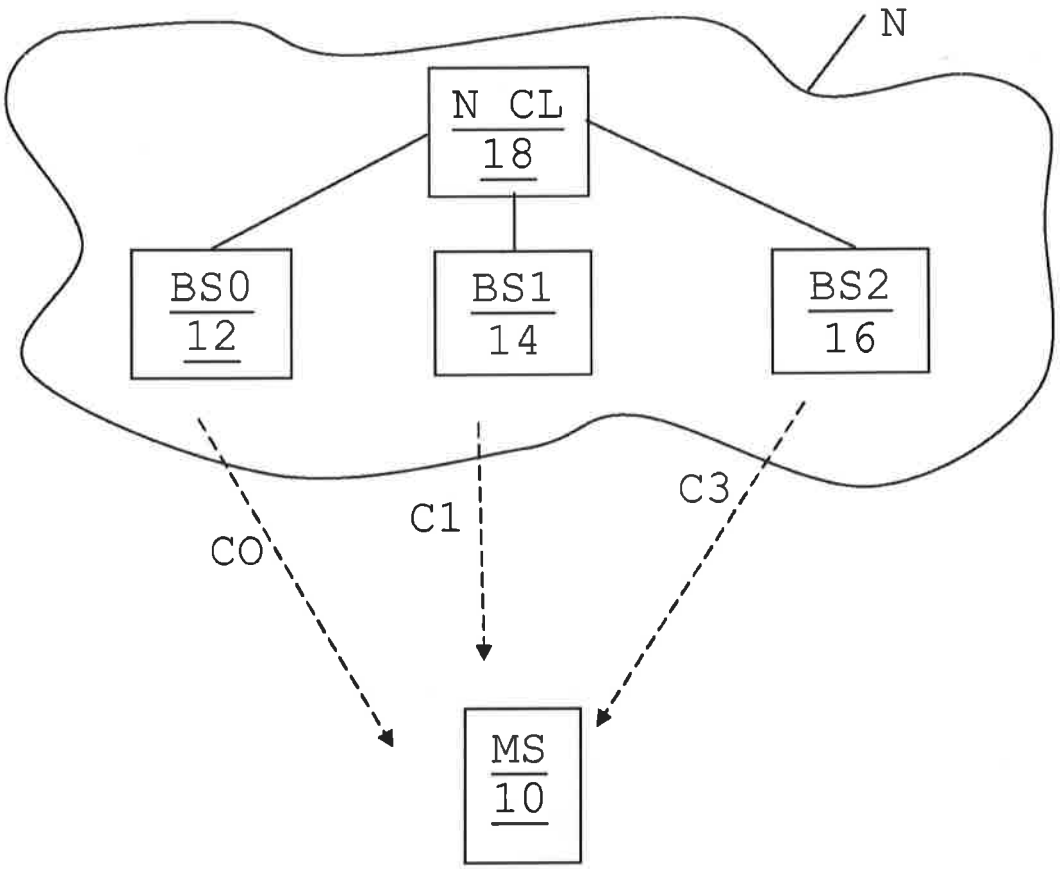


FIG. 1

DTX SCHEME

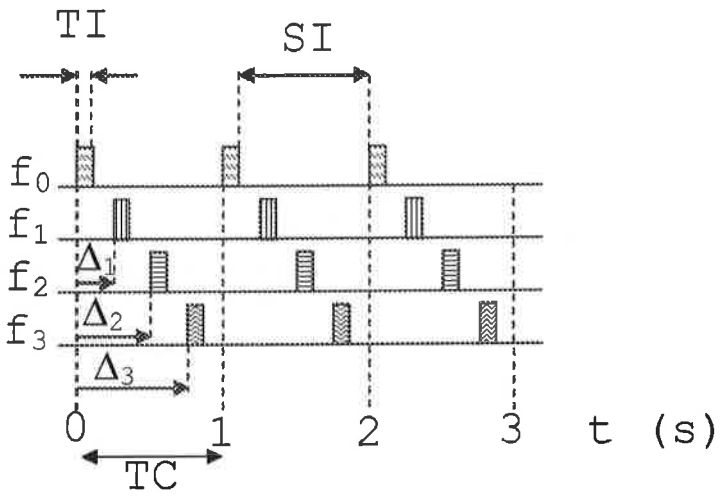


FIG. 2

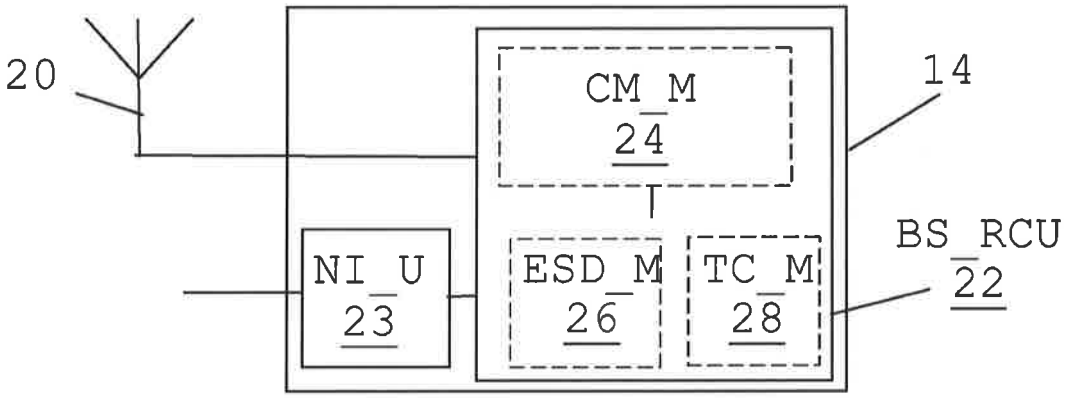

20
14
CM_M
24
NI_U
23
ESD_M
26
TC_M
28
BS_RCU
22

FIG. 3

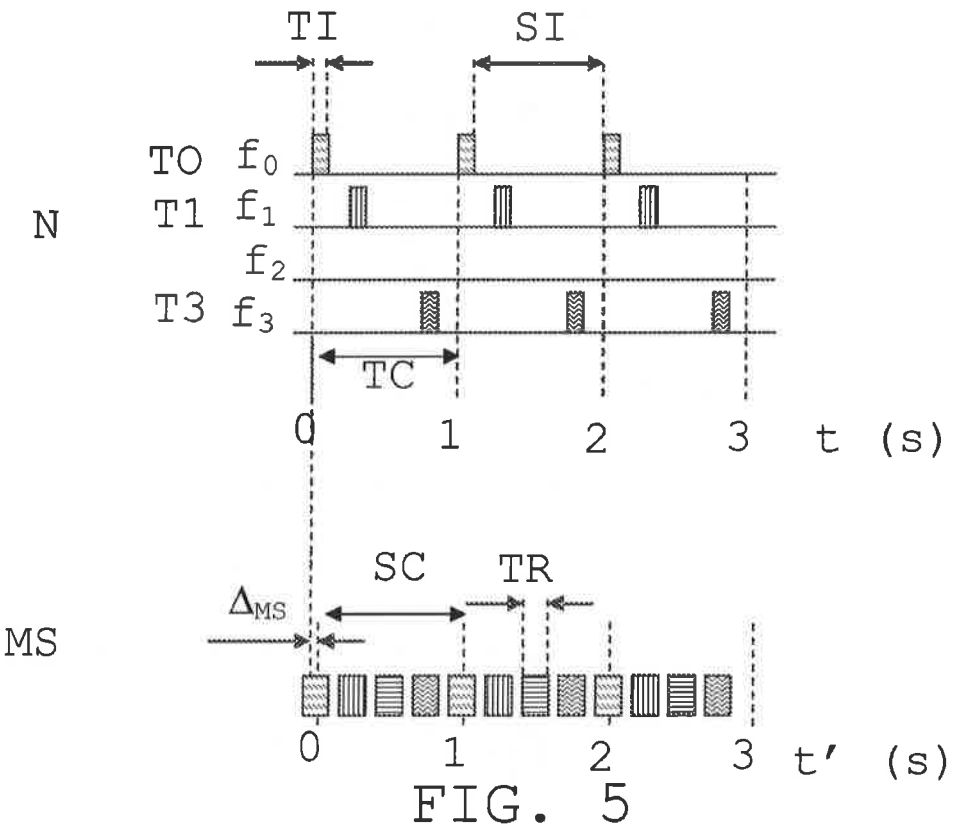

TI
SI
TO
T1
T3
N
f_0
f_1
f_2
f_3
TC
0
1
2
3
t (s)
SC
TR
Δ_{MS}
MS
0
1
2
3
t′ (s)

FIG. 5

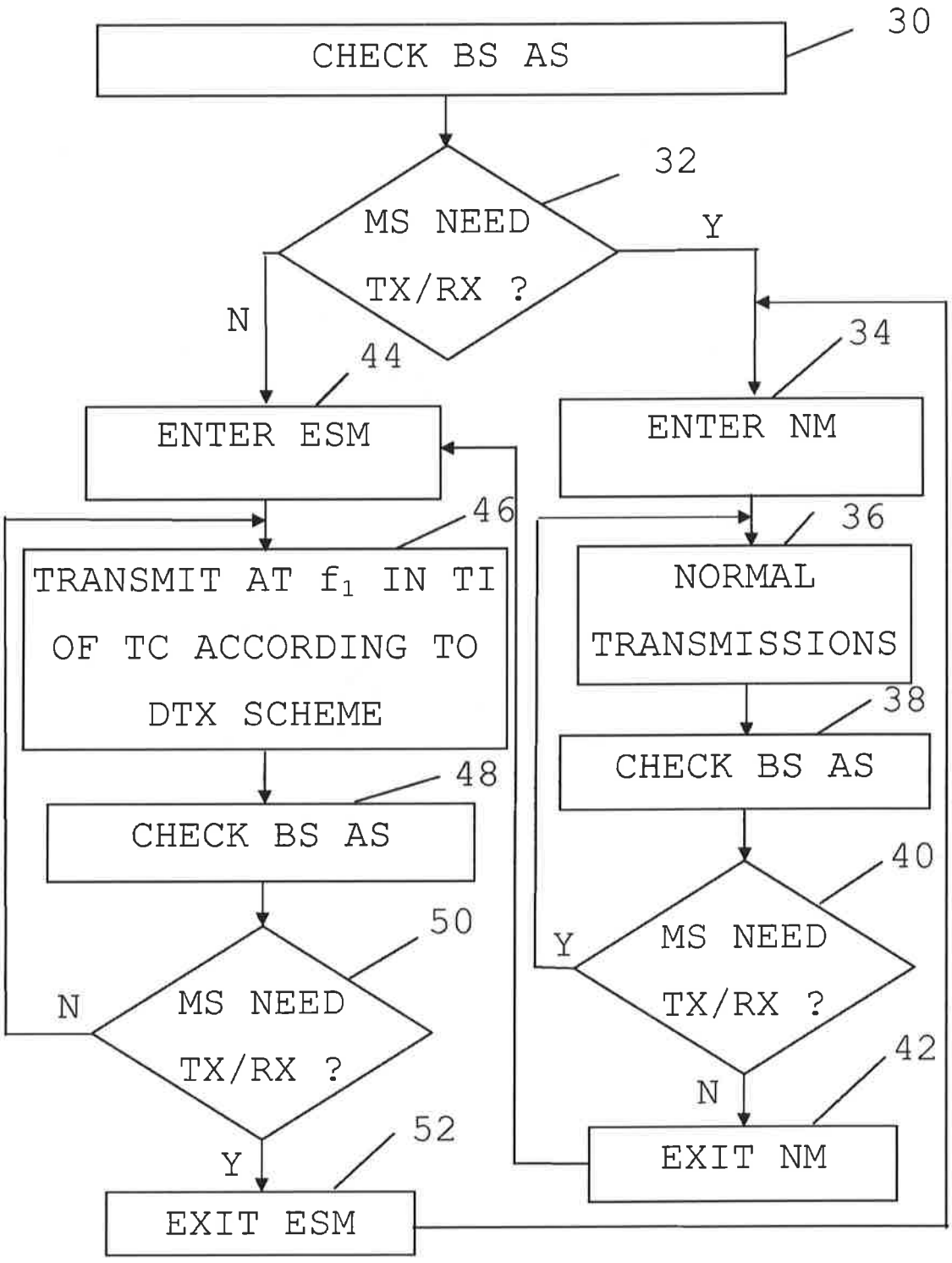

CHECK BS AS
30
MS NEED TX/RX ?
32
Y
N
34
44
ENTER ESM
ENTER NM
46
36
TRANSMIT AT f_1 IN TI OF TC ACCORDING TO DTX SCHEME
NORMAL TRANSMISSIONS
38
48
CHECK BS AS
CHECK BS AS
40
50
Y
MS NEED TX/RX ?
N
MS NEED TX/RX ?
42
N
52
Y
EXIT NM
EXIT ESM

FIG. 4

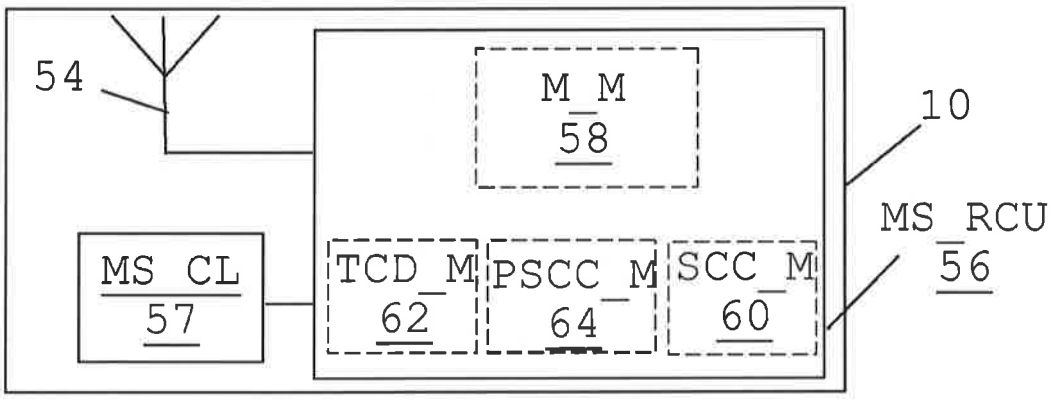


FIG. 6

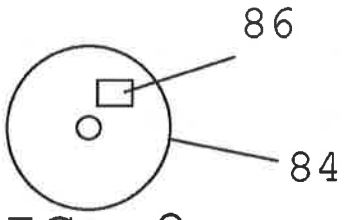


FIG. 8

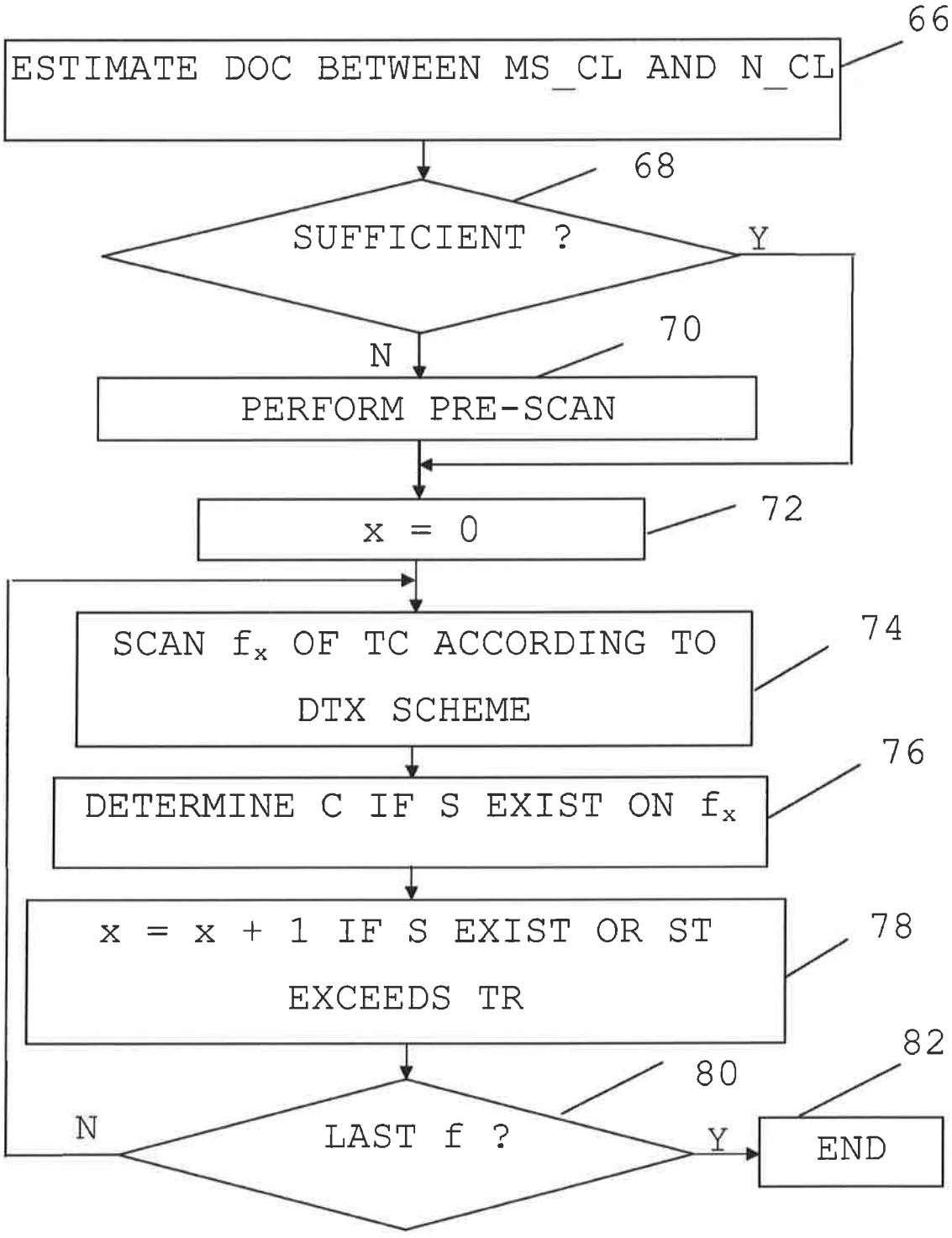

66
ESTIMATE DOC BETWEEN MS_CL AND N_CL
68
SUFFICIENT ?
Y
N
70
PERFORM PRE-SCAN
72
x = 0
74
SCAN f_x OF TC ACCORDING TO DTX SCHEME
76
DETERMINE C IF S EXIST ON f_x
78
x = x + 1 IF S EXIST OR ST EXCEEDS TR
80
LAST f ?
N
Y
82
END

FIG. 7