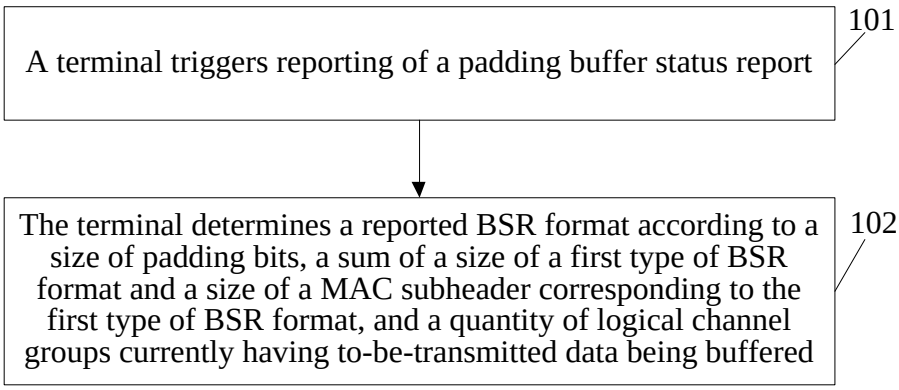

FIG. 1

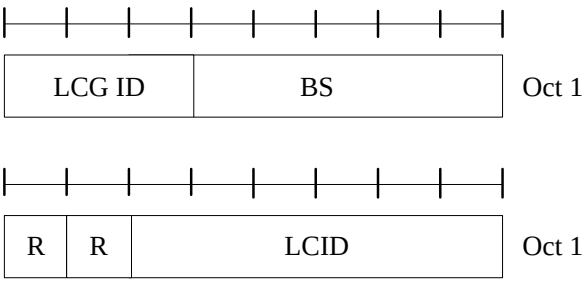

FIG. 2a

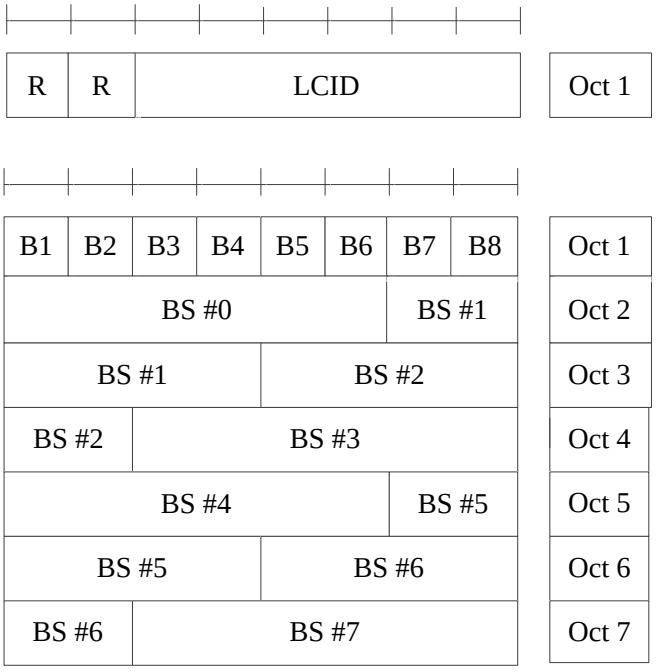

FIG. 2b

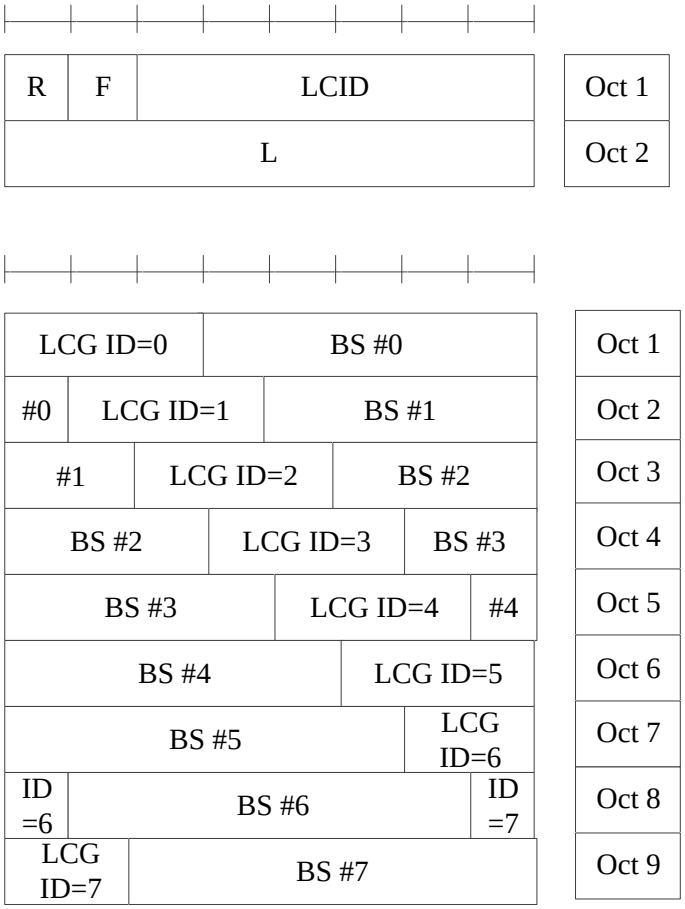
R
F
LCID
Oct 1
L
Oct 2
LCG ID=0
BS #0
Oct 1
#0
LCG ID=1
BS #1
Oct 2
#1
LCG ID=2
BS #2
Oct 3
BS #2
LCG ID=3
BS #3
Oct 4
BS #3
LCG ID=4
#4
Oct 5
BS #4
LCG ID=5
Oct 6
BS #5
LCG ID=6
Oct 7
ID =6
BS #6
ID =7
Oct 8
LCG ID=7
BS #7
Oct 9

FIG. 2c

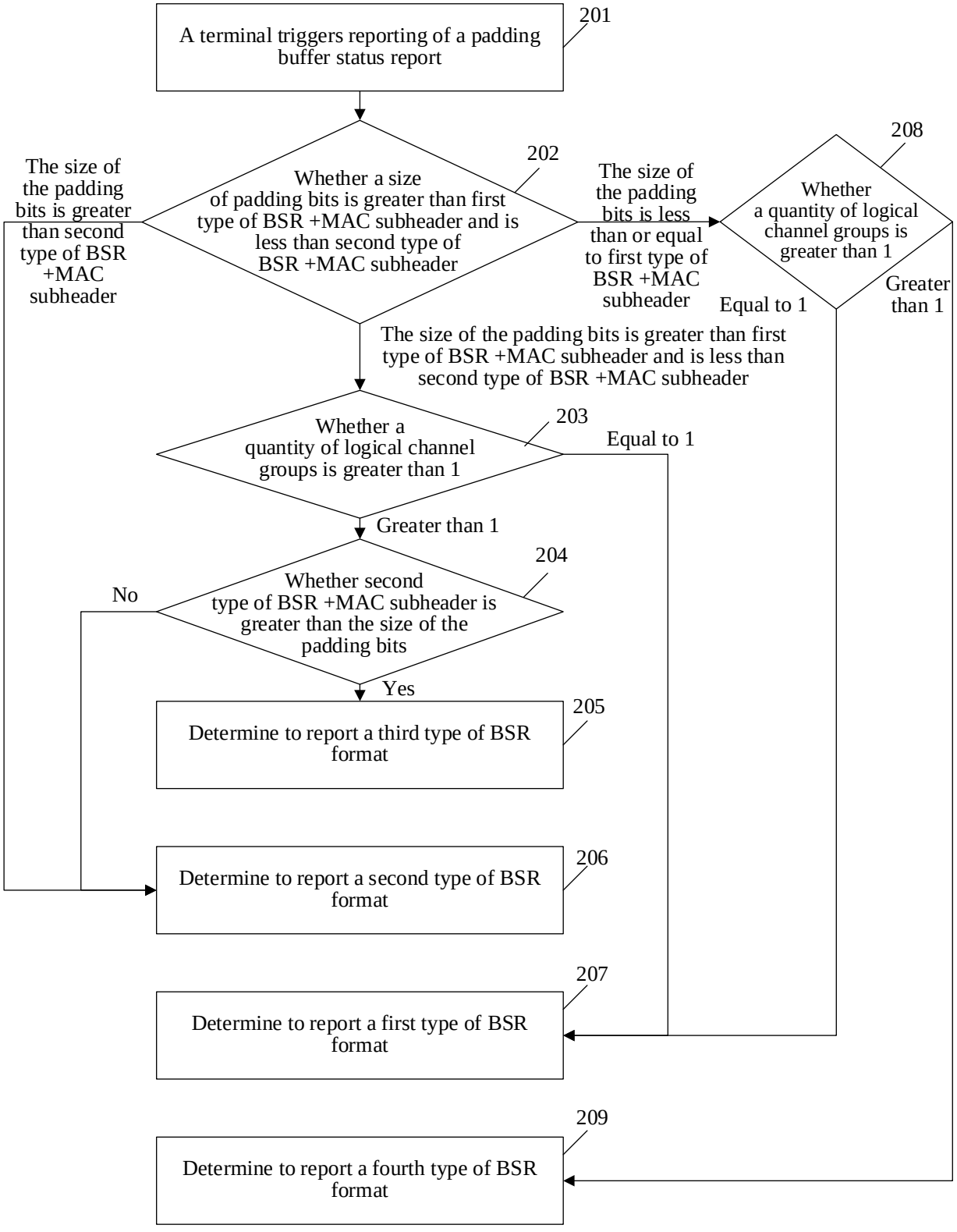
A terminal triggers reporting of a padding buffer status report
201
Whether a size of padding bits is greater than first type of BSR +MAC subheader and is less than second type of BSR +MAC subheader
202
The size of the padding bits is greater than second type of BSR +MAC subheader
The size of the padding bits is less than or equal to first type of BSR +MAC subheader
Whether a quantity of logical channel groups is greater than 1
208
Equal to 1
Greater than 1
The size of the padding bits is greater than first type of BSR +MAC subheader and is less than second type of BSR +MAC subheader
Whether a quantity of logical channel groups is greater than 1
203
Equal to 1
Greater than 1
Whether second type of BSR +MAC subheader is greater than the size of the padding bits
204
No
Yes
Determine to report a third type of BSR format
205
Determine to report a second type of BSR format
206
Determine to report a first type of BSR format
207
Determine to report a fourth type of BSR format
209

FIG. 3

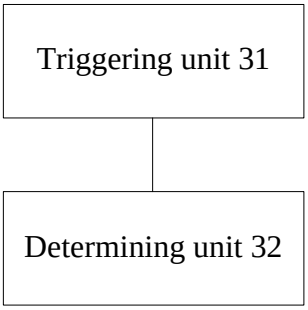

FIG. 4

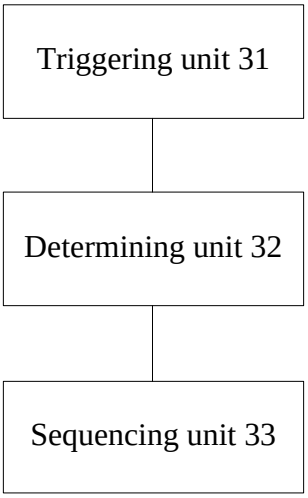

FIG. 5

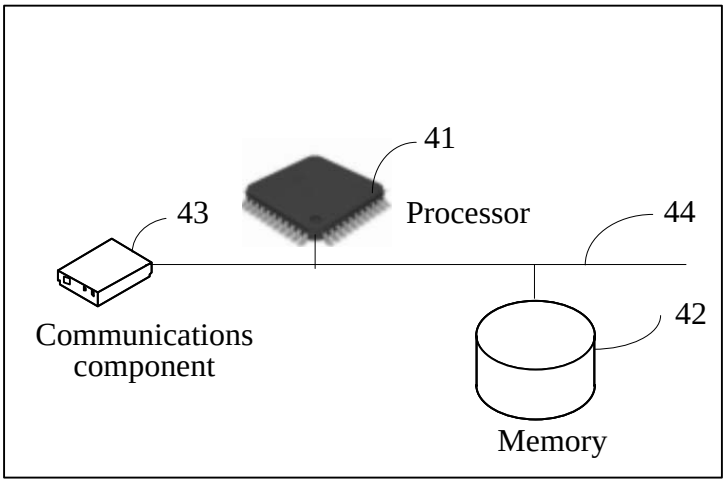

FIG. 6