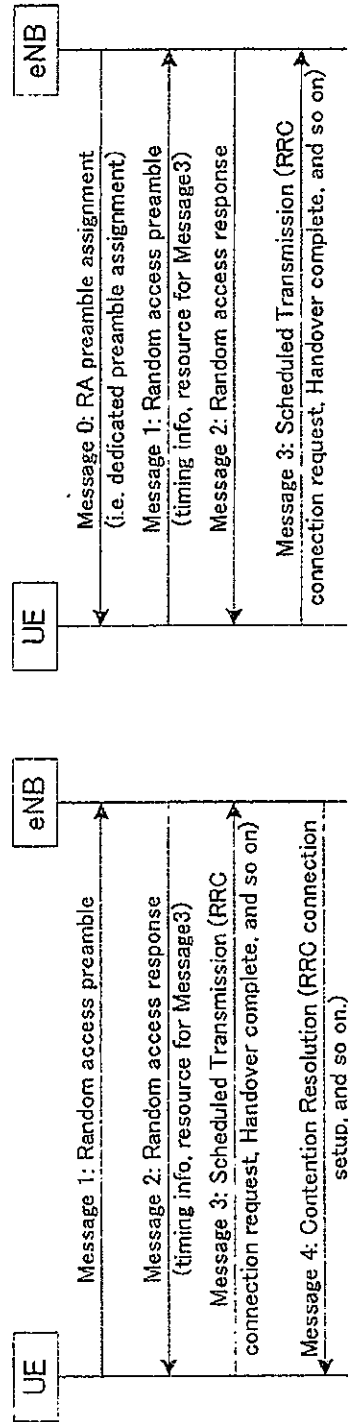


FIG. 1

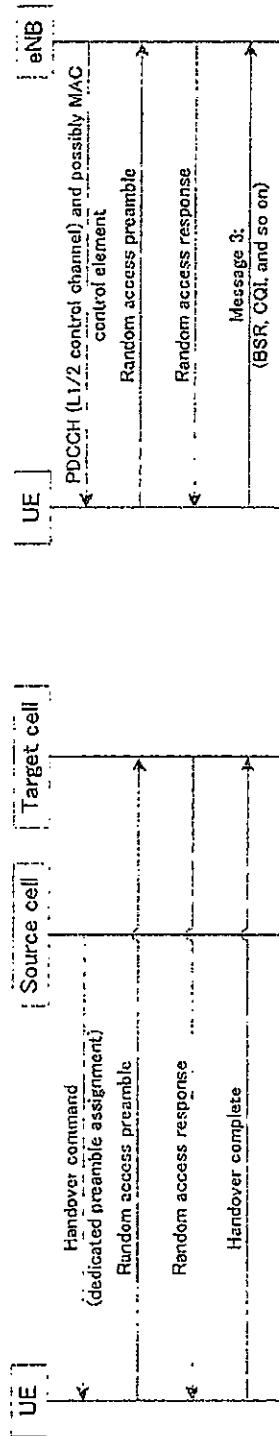


(a) non-dedicated RACH preamble case

(b) dedicated RACH preamble case

# FIG.2

**Note.**  
 Handover command is a generic term to show message which indicates handover to UE. Then, Handover complete is also a generic term to show message responded to Handover command.  
 In LTE, RRC Connection Reconfiguration message and RRC Connection Reconfiguration Complete message are defined for this purpose.



(a) Handover complete transmission

(b) DL data resuming

FIG. 3

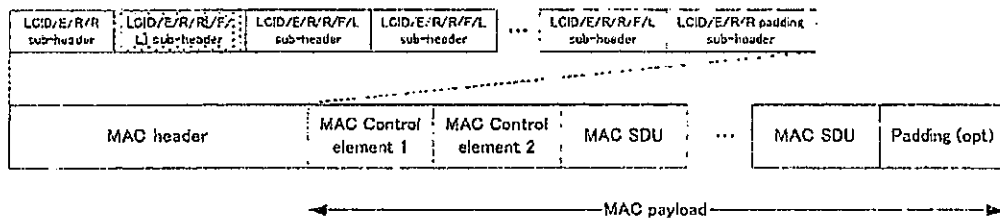
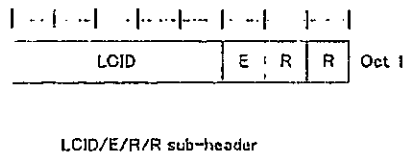
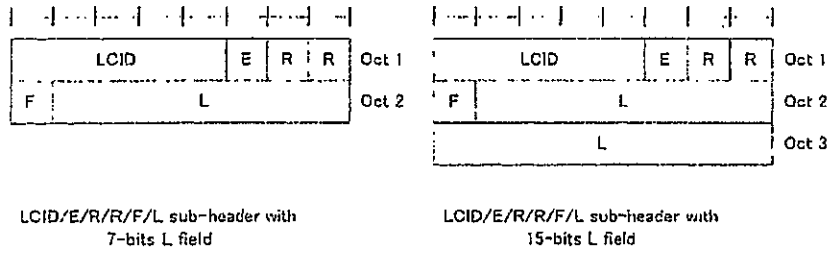


FIG.4

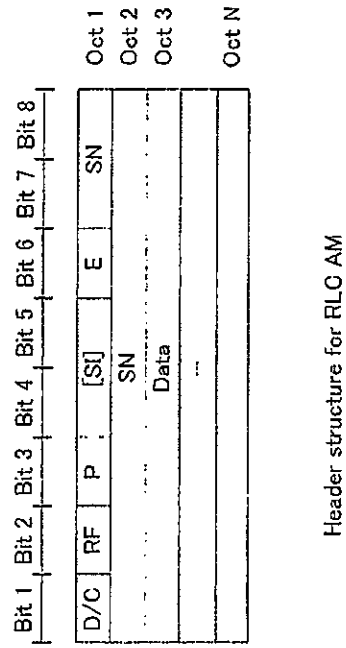
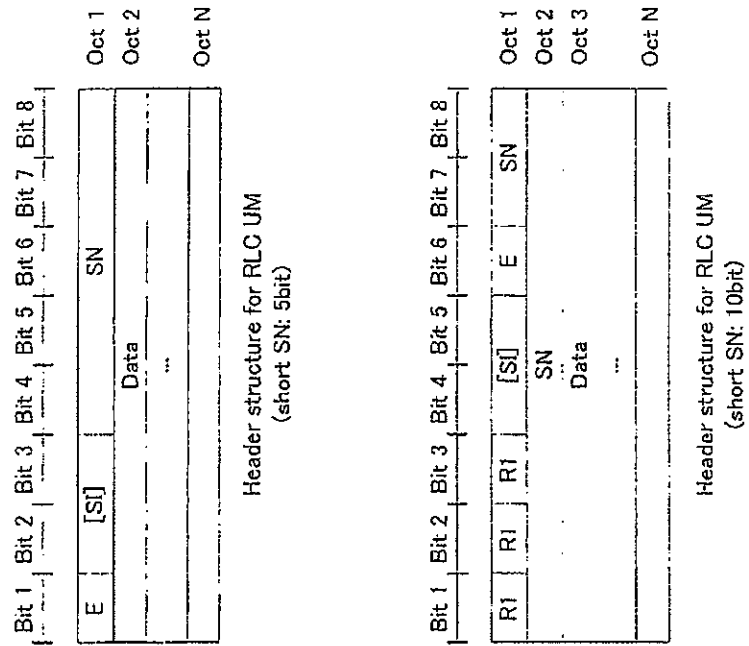


FIG.5

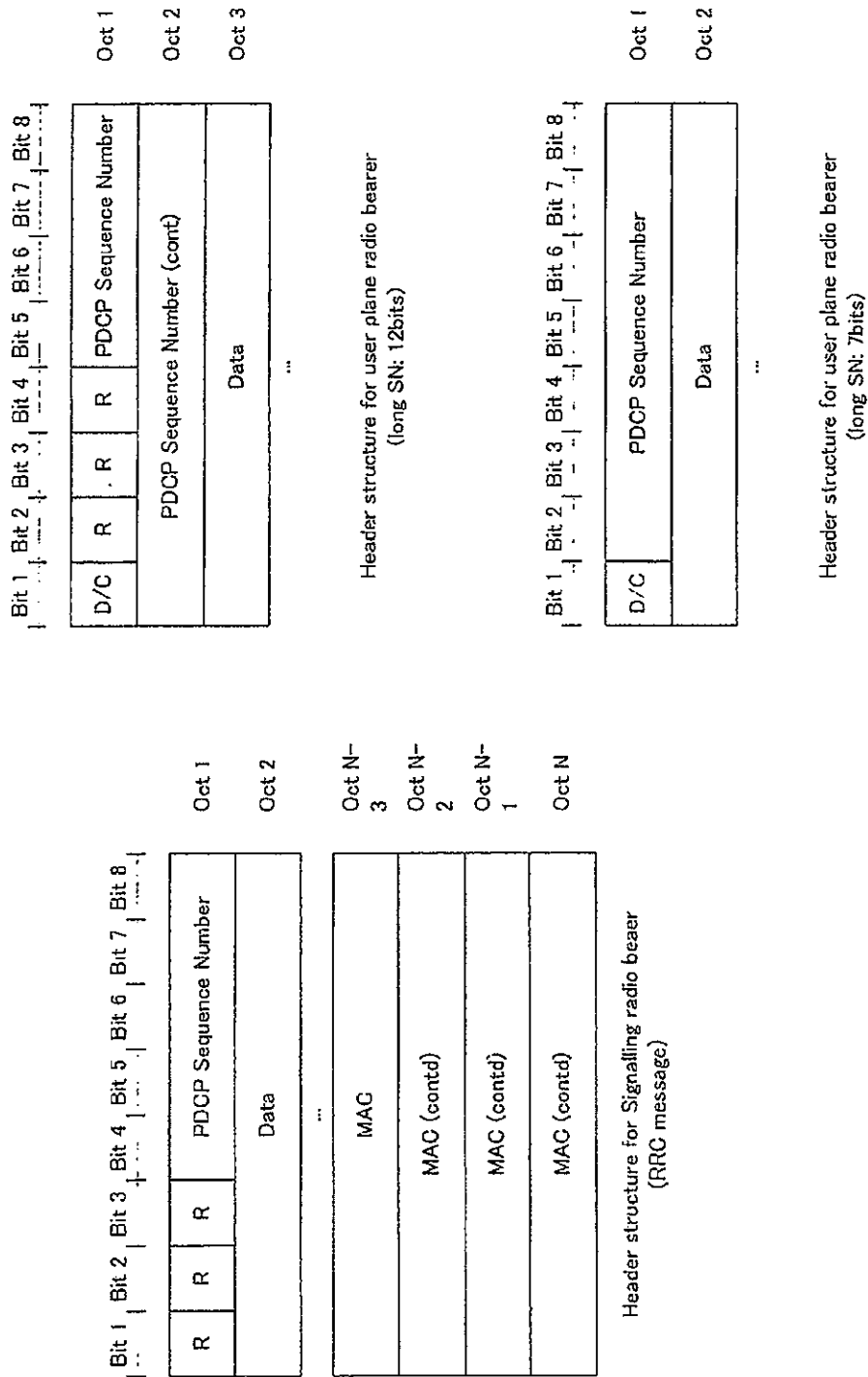
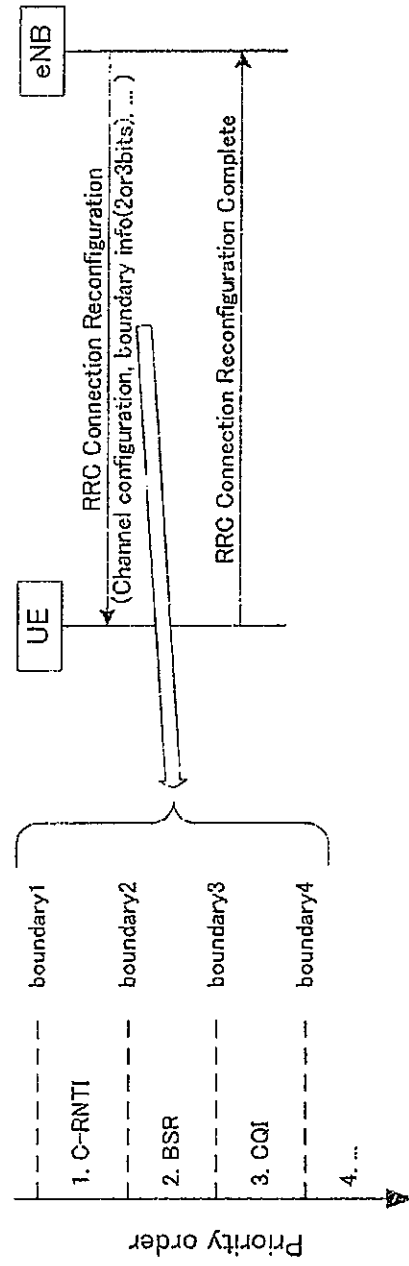


FIG. 6



(a) priority order of MAC control elements

(b) signalling of boundary info

FIG. 7

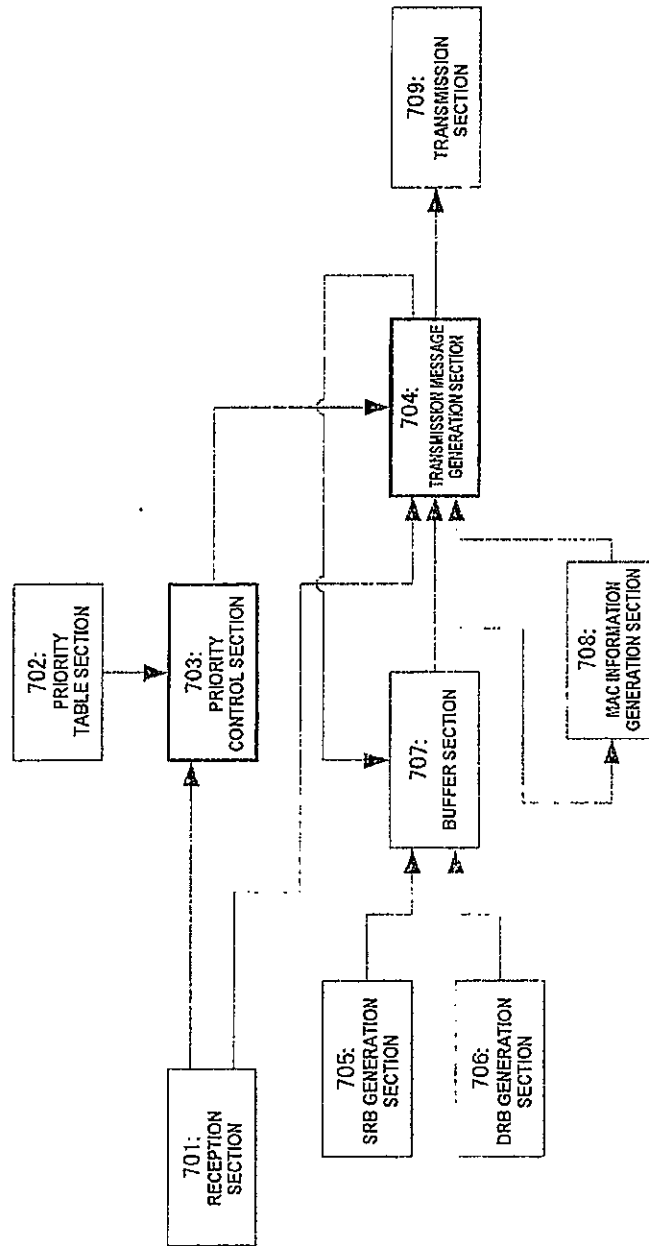


FIG. 8

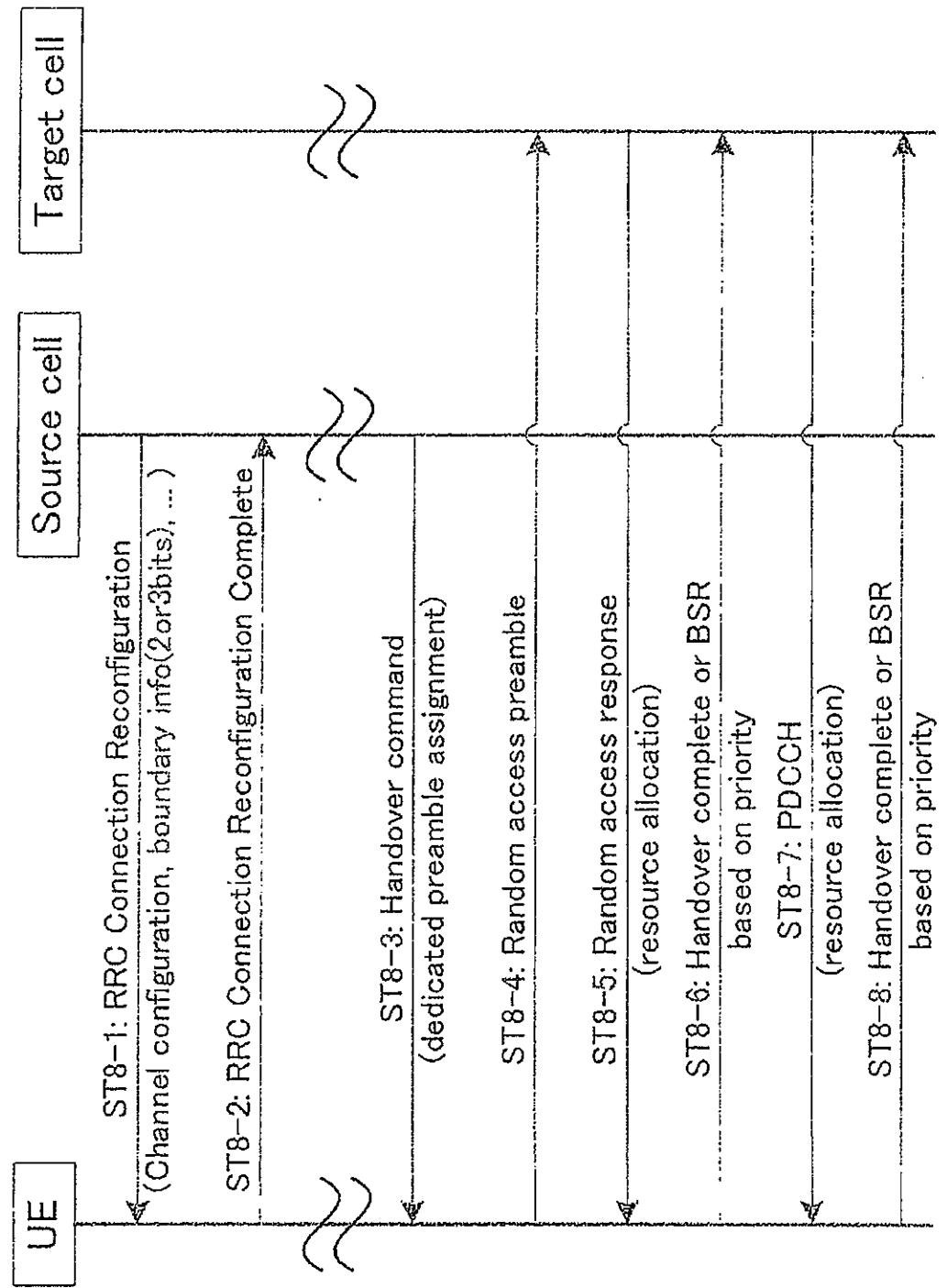
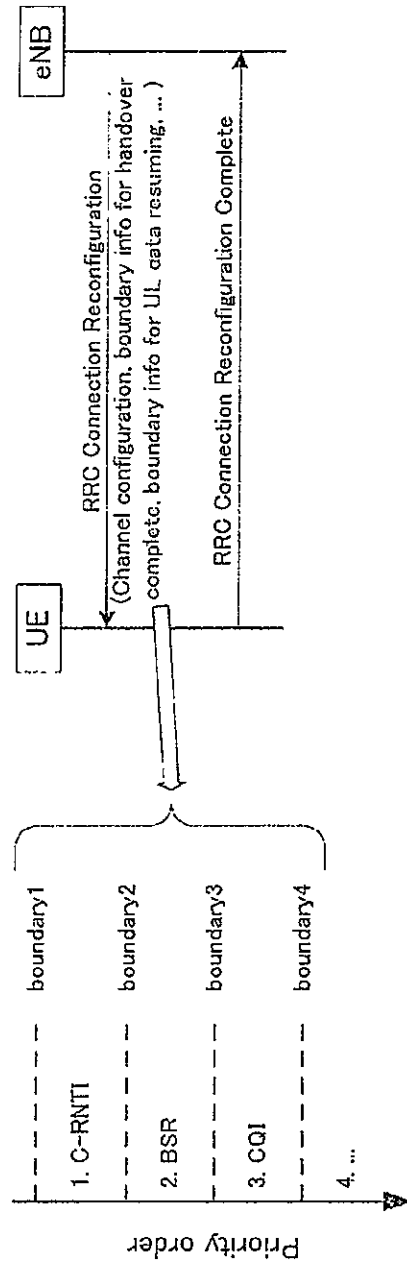


FIG.9



(a) priority order of MAC control elements

(b) signalling of boundary info

FIG. 10

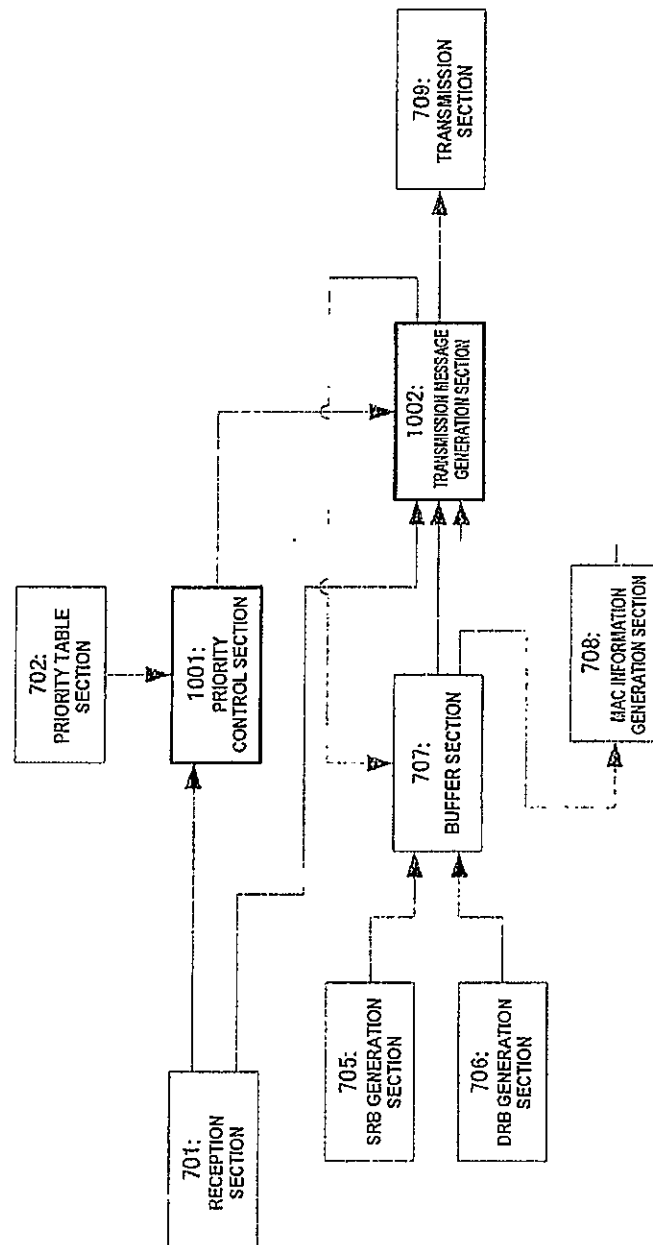


FIG. 11

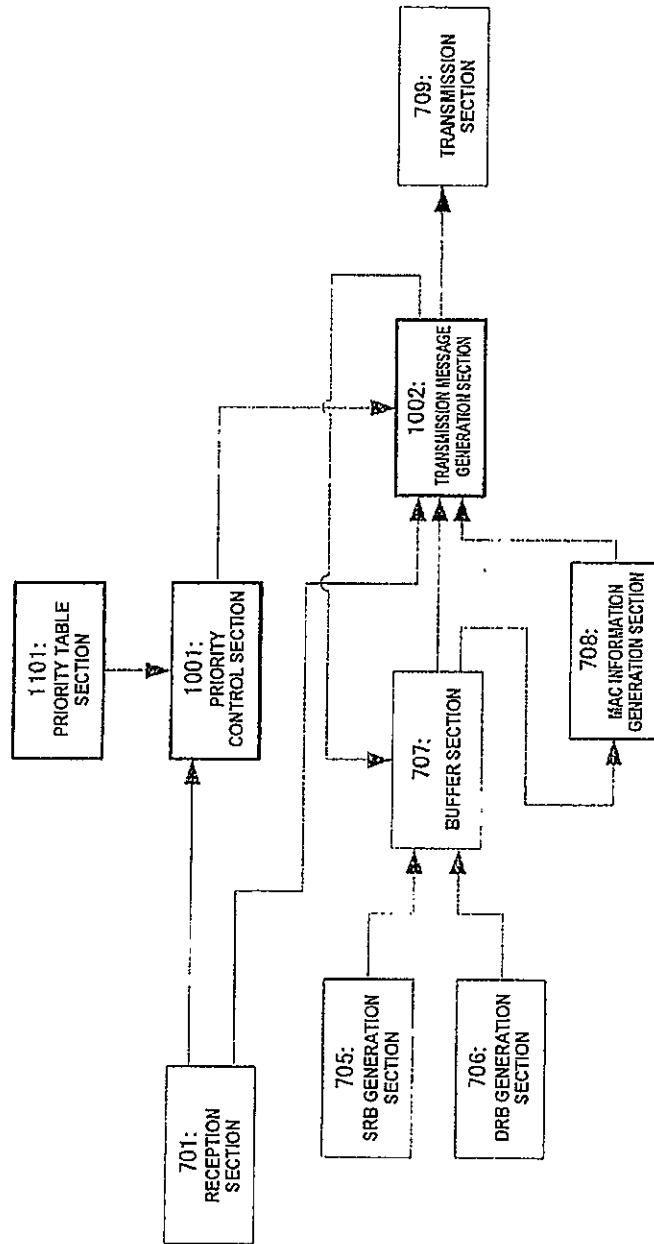
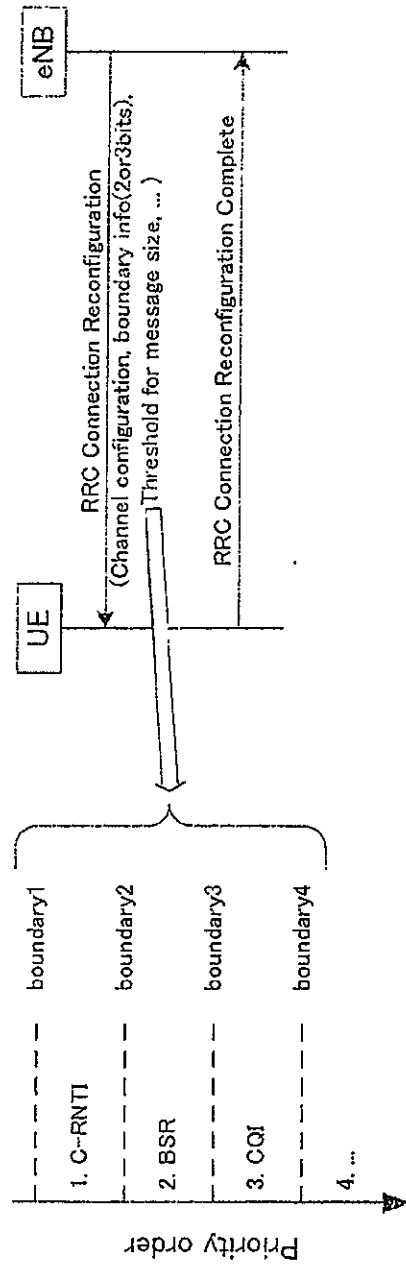


FIG.12



(a) priority order of MAC control elements

(b) signalling of boundary info

FIG. 13

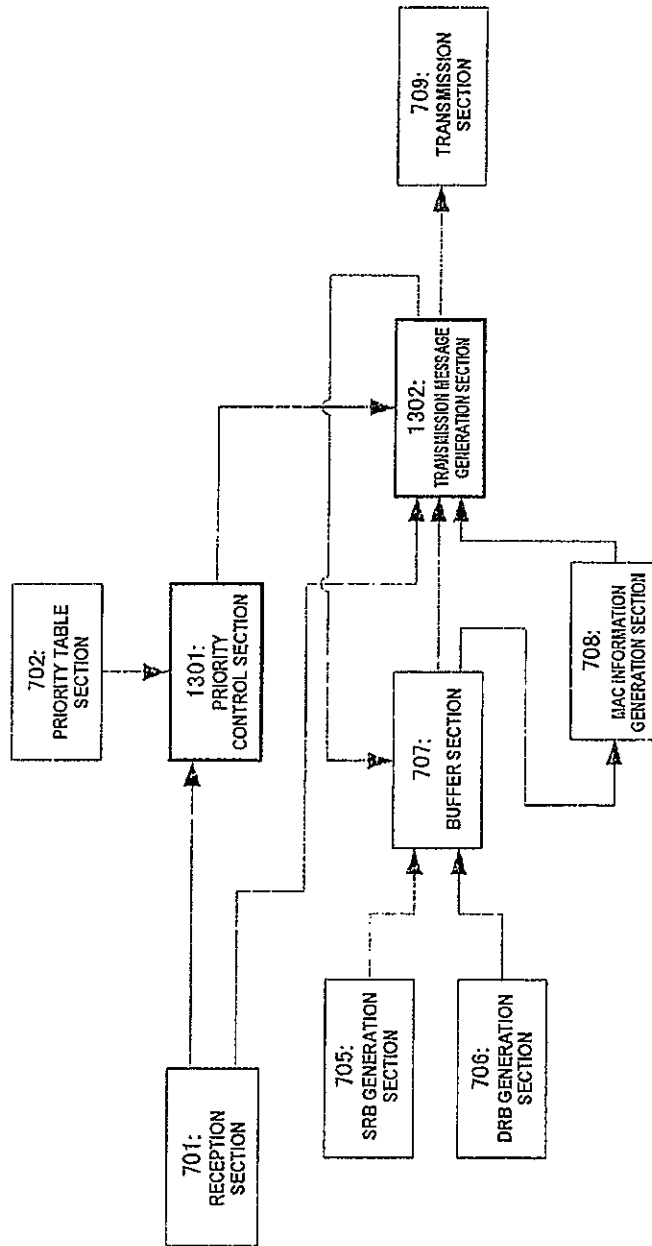
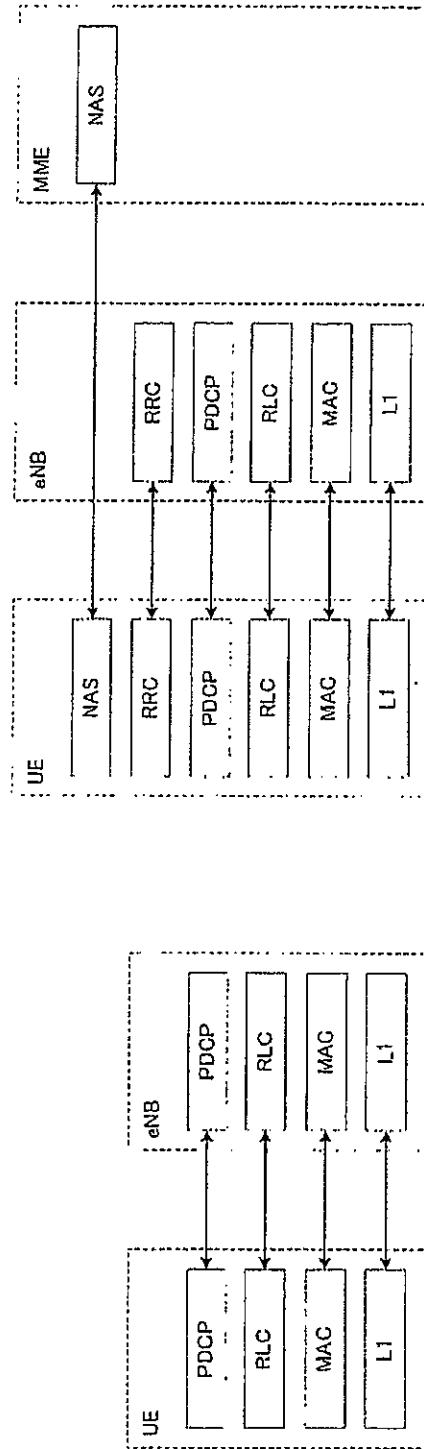


FIG.14



(a) protocol stack of use plane (i.e. DRB)

(b) protocol stack of control plane (i.e. SRB)

FIG. 15

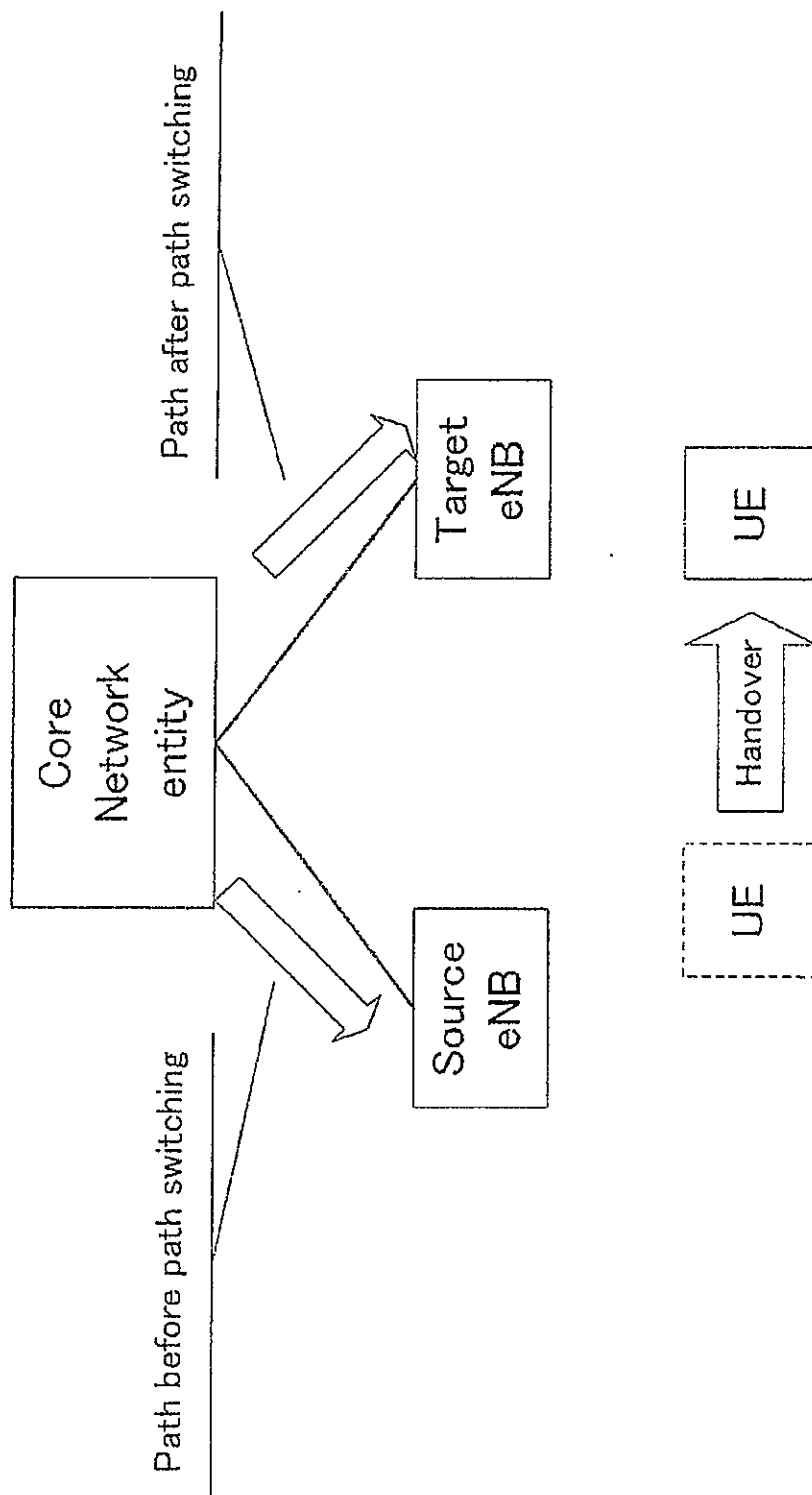
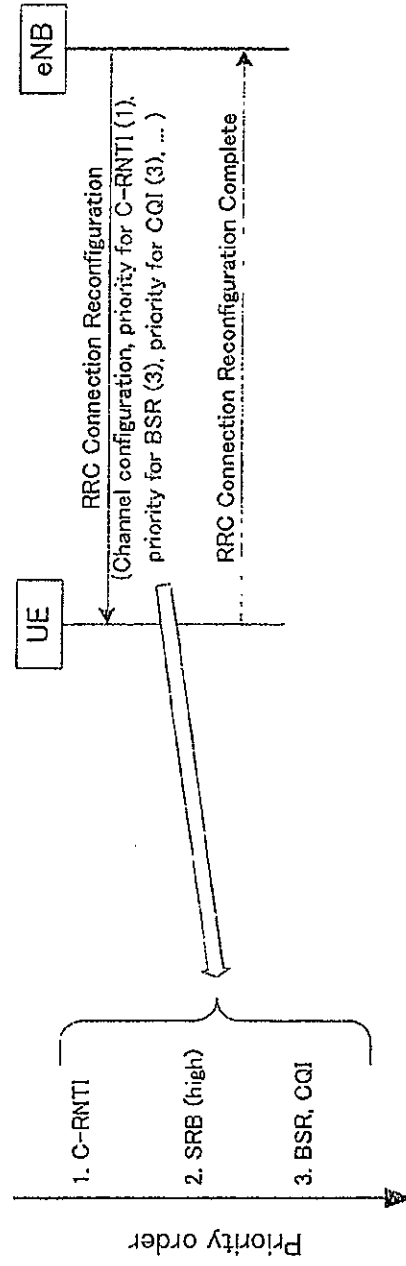


FIG. 16



(a) priority order of MAC control elements and SRB

(b) signalling of boundary info

FIG. 17

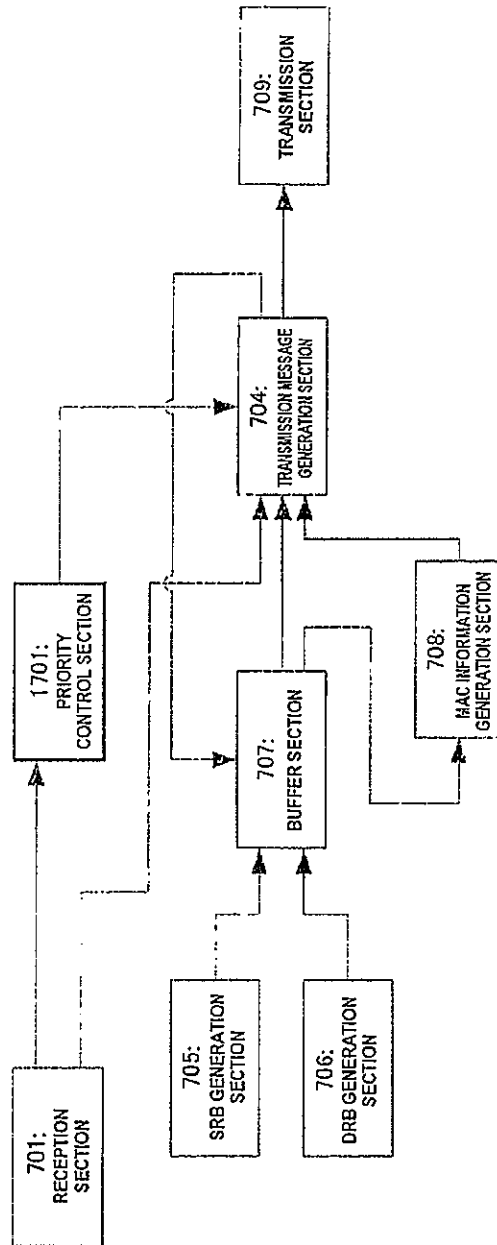


FIG.18

|           |
|-----------|
| 1. C-RNTI |
| 2. BSR    |
| 3. CQI    |
| ...       |
| N. xxx    |

(a) example of MAC control elements priority table

|     |                                         |
|-----|-----------------------------------------|
| 000 | RRC message is higher than priority1    |
| 001 | RRC message is between priority 1 and 2 |
| 010 | RRC message is between priority 2 and 3 |
|     | ...                                     |
| 111 | RRC message is lower than priority N    |

(a) example of boundary info in case of 3bits

FIG. 19

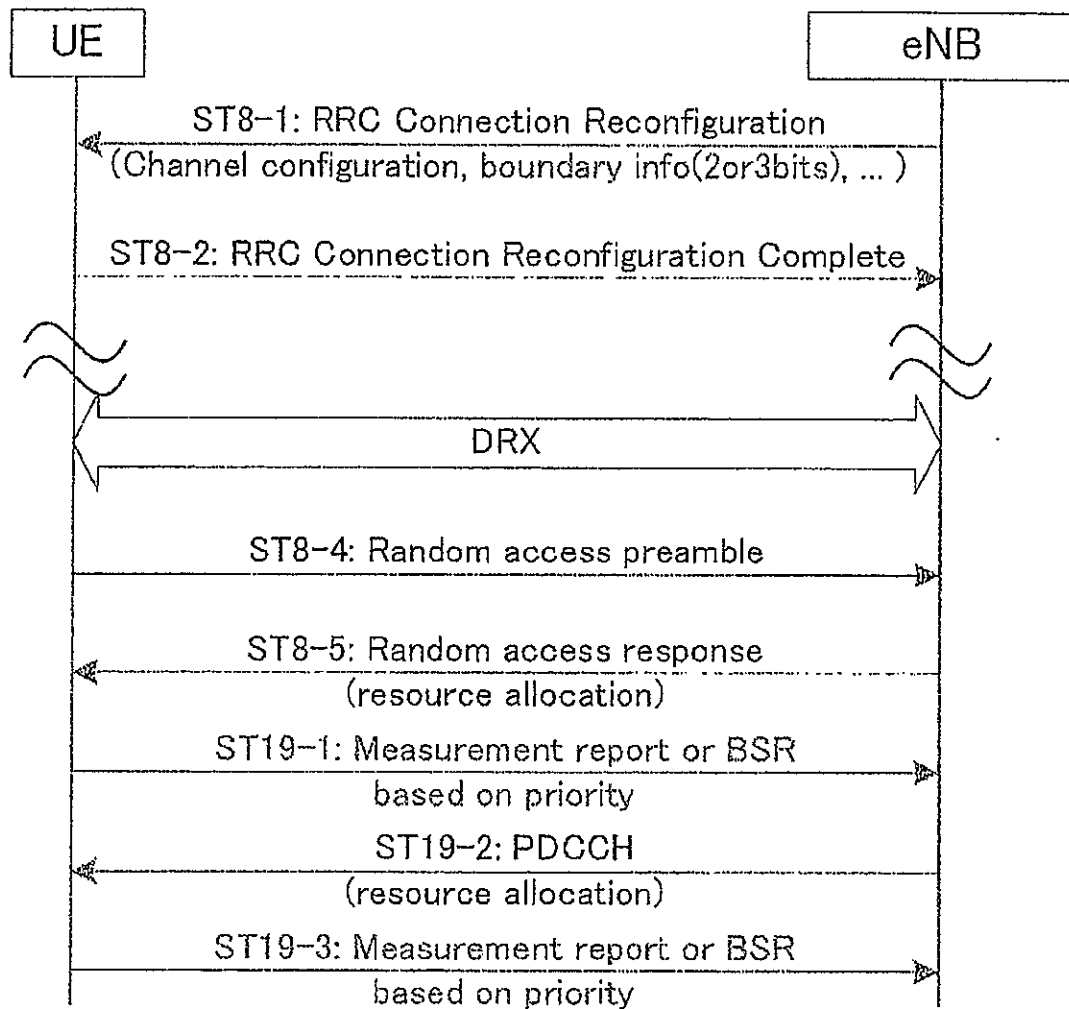


FIG.20

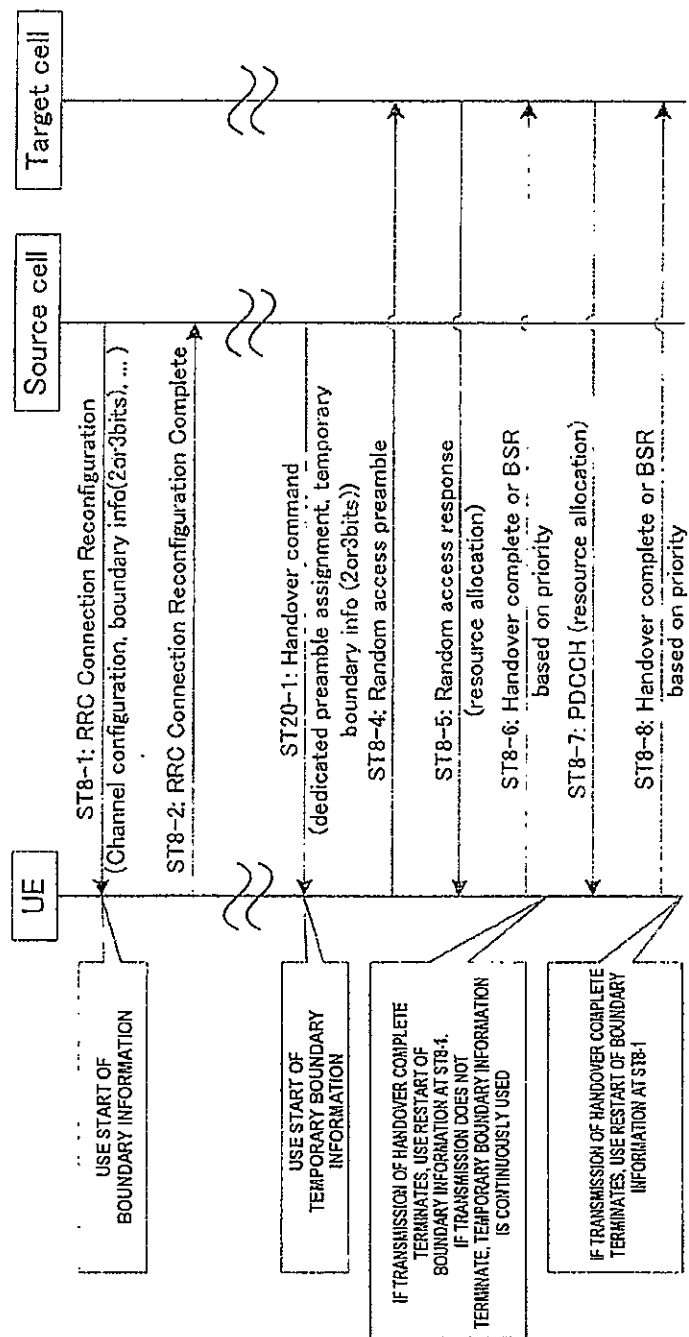
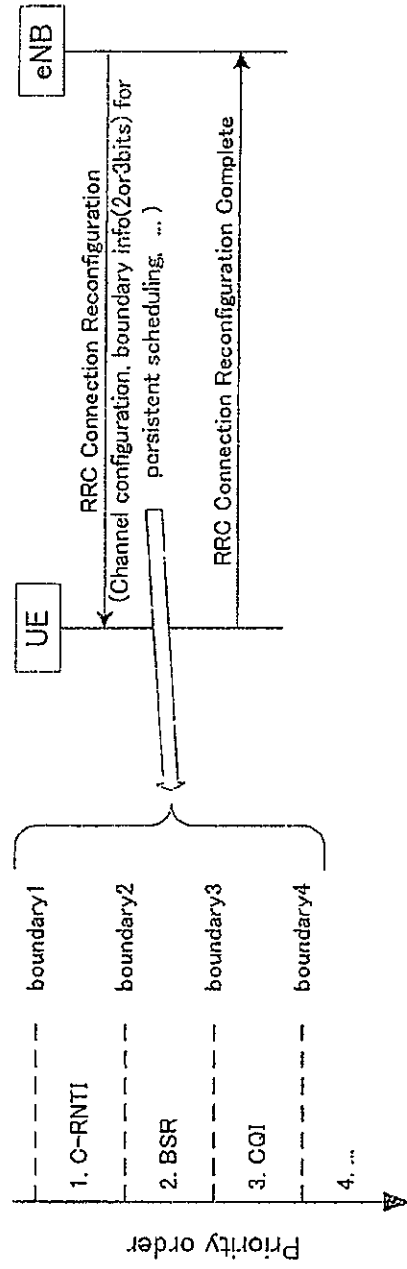


FIG. 21



(a) priority order of MAC control elements

(b) signalling of boundary info

FIG. 22

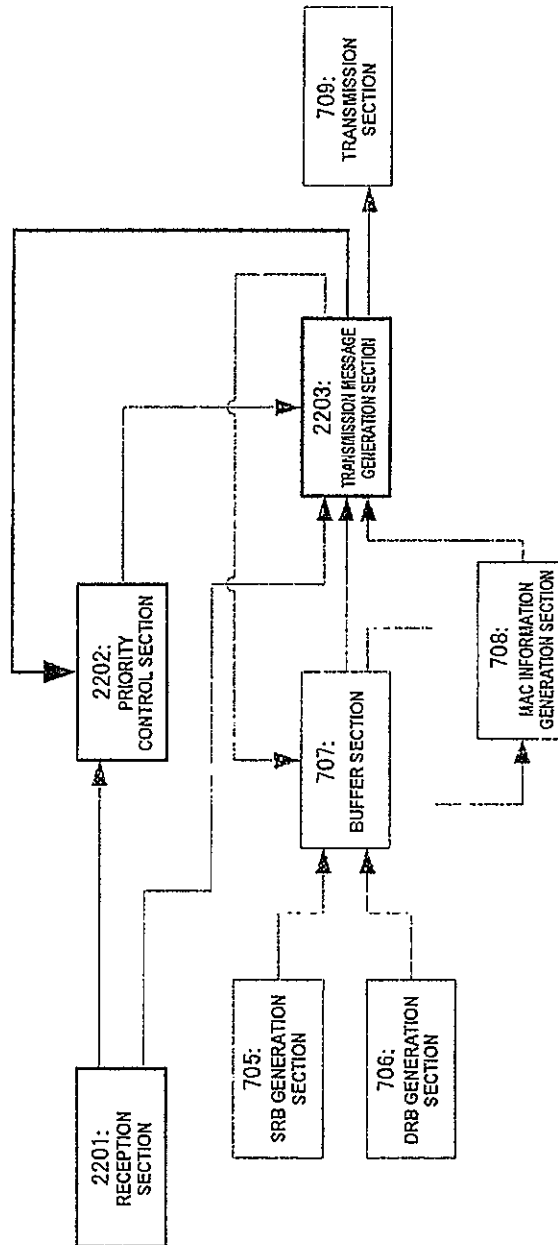


FIG. 23

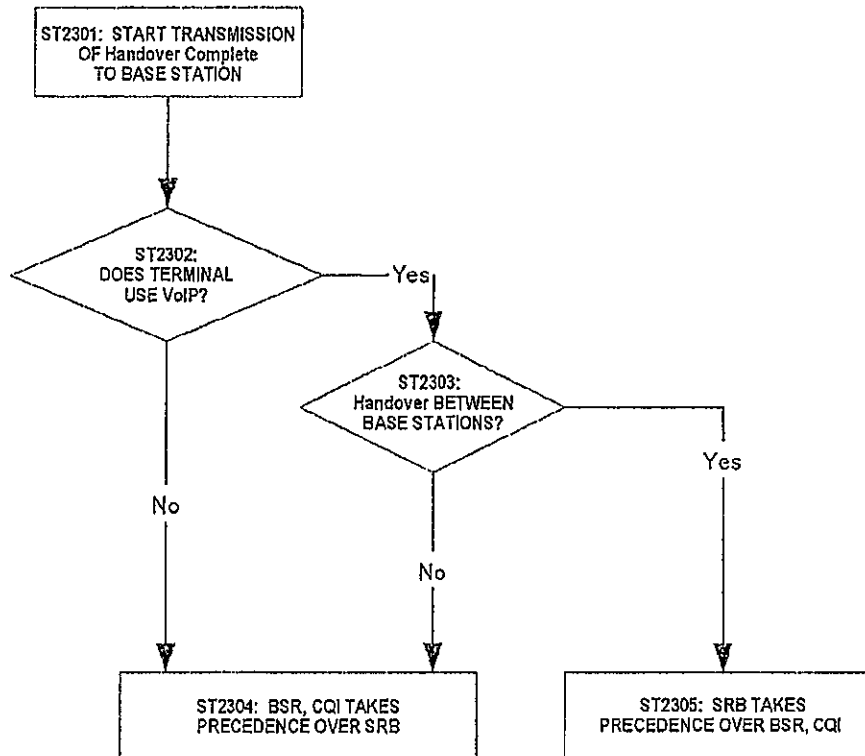
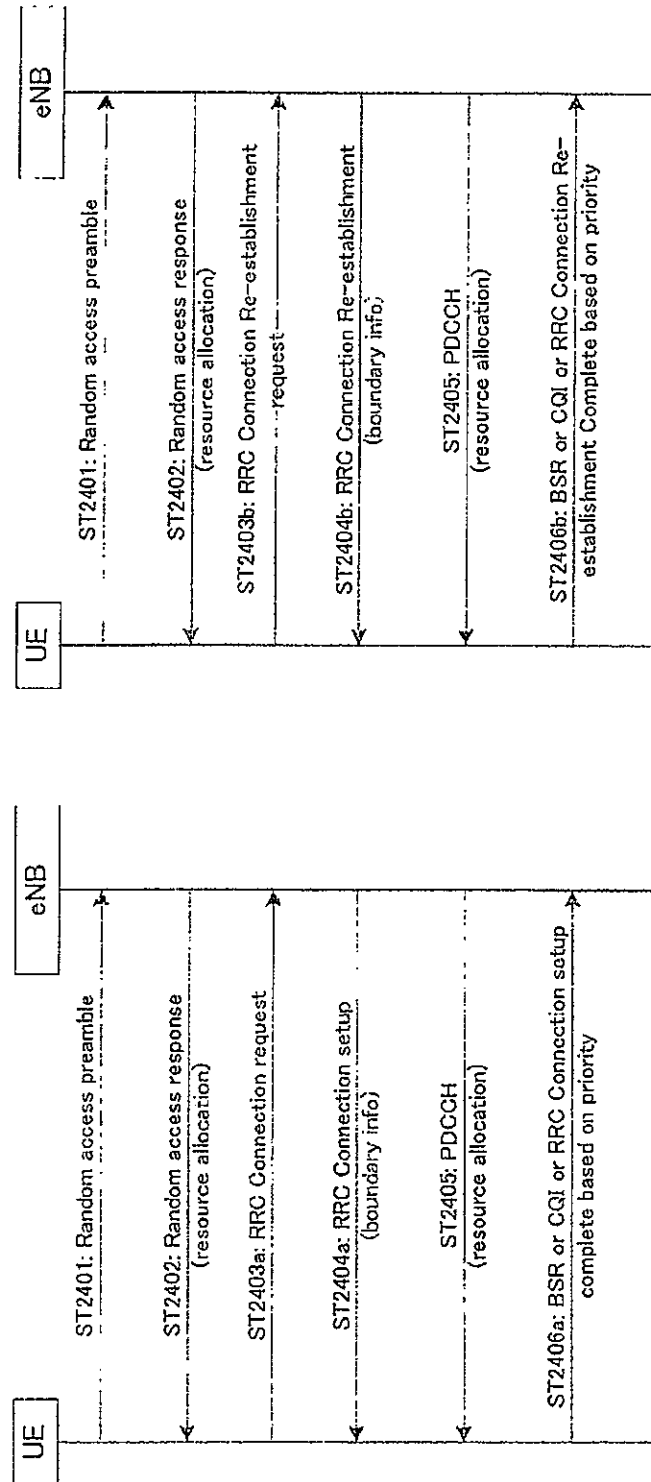


FIG. 24



(a) RRC connection establishment procedure

(b) RRC Connection Re-establishment procedure

FIG. 25

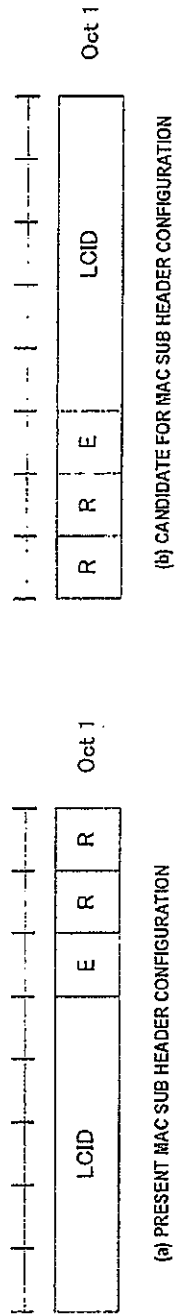
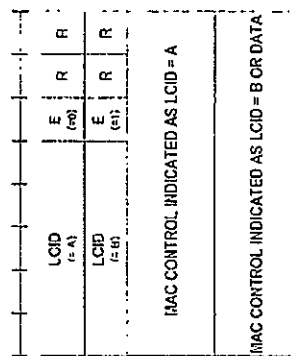
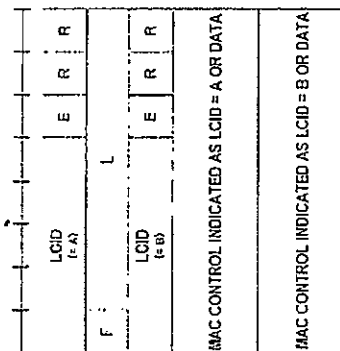


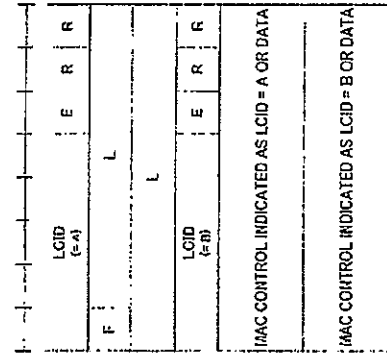
FIG. 26



(a) ONLY MAC SUB HEADER WITHOUT  
L FIELD FORMS MAC HEADER



(b) ONLY MAC SUB HEADER WITH L FIELD (SEVEN BITS)  
AND MAC SUB HEADER WITHOUT L FIELD FORMS MAC HEADER



(c) ONLY MAC SUB HEADER WITH L FIELD (15 BITS)  
AND MAC SUB HEADER WITHOUT L FIELD FORMS MAC HEADER

FIG. 27

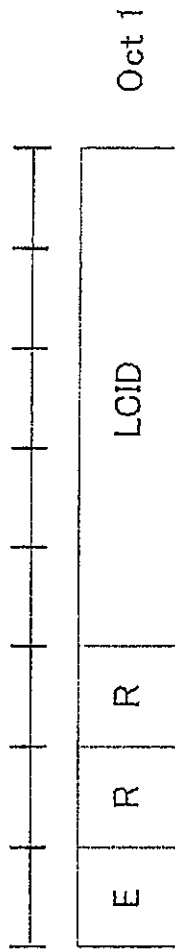


FIG. 28

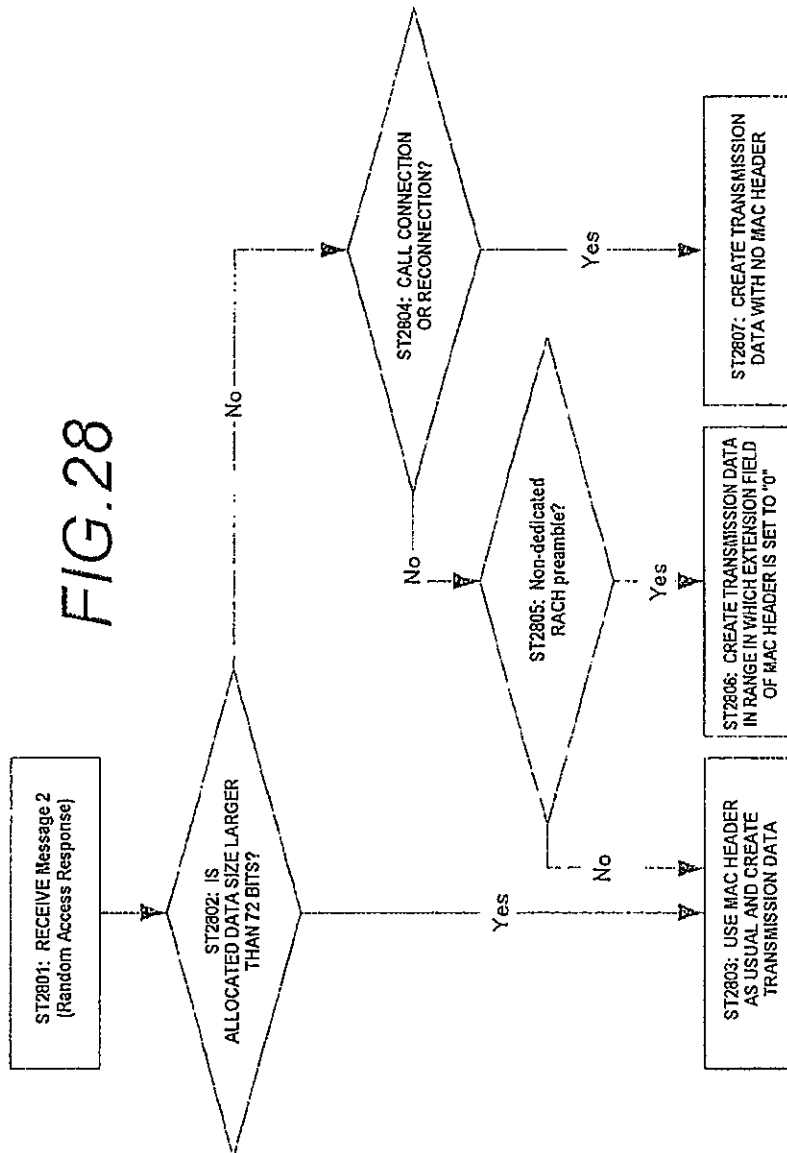
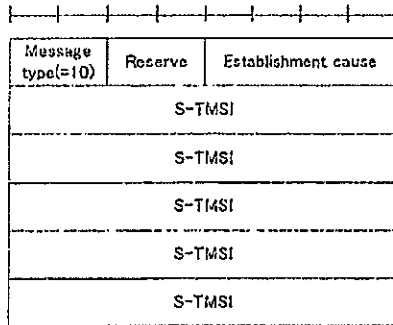
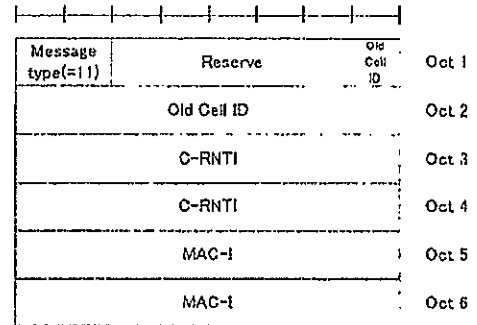


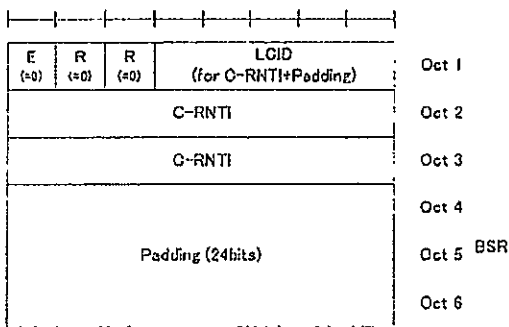
FIG. 29



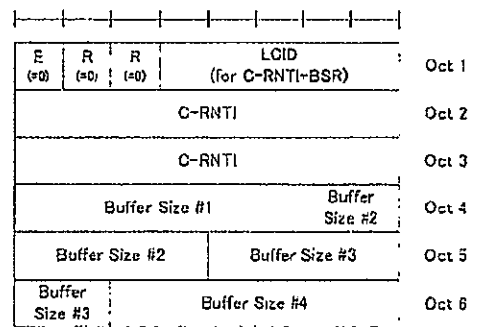
(a) RRC Connection Request



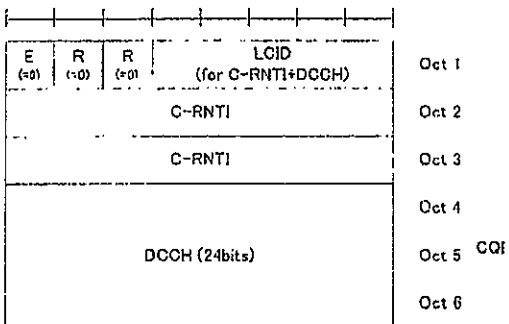
(b) RRC Connection Re-establishment



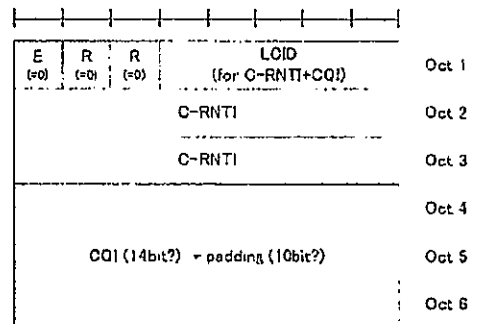
(c) Only C-RNTI



(d) C-RNTI + BSR e.g. for UL data resuming and handover (if BSR is prioritized)



(e) C-RNTI + DCCH e.g. for UL data resuming and handover (if DCCH (i.e. SRB) is prioritized)



(f) C-RNTI + CQI e.g. for DL data resuming

*FIG.30*

| index       | LCID value                      |
|-------------|---------------------------------|
| 00000~yyyyy | Identity of the logical channel |
| yyyyy~10111 | reserved                        |
| 11000       | C-RNTI                          |
| 11001       | C-RNTI + BSR                    |
| 11010       | C-RNTI + high priority DCCH     |
| 11011       | C-RNTI + low priority DCCH      |
| 11100       | C-RNTI + CQI                    |
| 11101       | Short buffer status report      |
| 11110       | Long buffer status report       |
| 11111       | Padding                         |

FIG.31

