### Table 6-329 Allocation IE format.

|  |  |  |
| --- | --- | --- |
| Syntax | Size  (Bit) | Notes |
| Allocation \_IE () { | \_\_ | \_\_ |
| Direction | 1 | 0: Downlink, 1: Uplink  1: Uplink |
| DIUC/UIUC | 4 | DIUC or UIUC, based on Direction |
| Repetition | 3 | Values 0 to 7. Repetition factor is 2^value. |
| CID | 8 | Connection Identifier |
| If(DIUC/UIUC == 0/1/2/3/4/5/6) { |  | DIUC/UIUC is set to MCS , Data allocations |
| { |  |  |
| Allocation Type | 1 | 0: Instantaneous/Bulk  1: SPS |
| Frame offset | 3 | Start frame offset (used for UL Allocations and SPS for DL-UL) |
| if ((Allocation Type == Instantaneous) || (Allocation Type == Bulk) { |  |  |
| Allocation bitmap | 8 | Indicates the presence/absence of allocation within the frames of the super frame. One bit is assigned to each frame in the super frame.  1: present  0: absent.  MSB Bit 7 is mapped to the first frame of the super frame and bit 0 is mapped to the last frame. |
| for each (active frame) { |  | Active frames are the sum of allocated frames within the super frame (sum of all 1s in the allocation bitmap) |
| Slot offset | 10 | Slot offset within the frame |
| Slots | 10 | Allotted slots |
| } |  |  |
| } |  |  |
| else if (Allocation Type == SPS) { |  |  |
| Slot offset | 10 | Slot offset within the frame |
| Slots | 10 | Allotted slots |
| Interval | 4 | Number of frames in the interval. Ranges from 1 to 15 frames |
| } |  |  |
| } else { |  | DIUC/UIUC is not set to MCS , other allocation IEs |
| If (Direction==0) { |  | Downlink |
| If(DIUC == 7) { |  |  |
| Extended-2 DIUC dependent IE } |  |  |
| else if (DIUC == 8) { |  |  |
| Extended DIUC dependent IE } | *variable* | See 8.4.5.3.2 and 8.4.5.3.2.1 |
| } else { |  | Uplink |
| if (UIUC == 7) { |  |  |
| SubchannelGroup Relocation IE } |  | Table 6-334 |
| else if (UIUC == 8) { |  |  |
| Power Correction} | 8 | In a step of 0.25 dB |
| else if (UIUC == 9) |  | BR/periodic ranging over one symbol |
| else if (UIUC == 10) { |  |  |
| Extended UIUC 2 dependent IE } | *variable* | See 8.4.5.4.34.2 |
| else if (UIUC == 11) |  | Initial ranging/Handover Ranging over two  symbols |
| else if (UIUC == 12) { |  |  |
| PAPR\_Reduction\_and\_Safety\_Zone\_\_IE } | 8 |  |
| else if (UIUC == 13) { |  |  |
| CDMA\_Allocation\_IE() } | 20 |  |
| else if (UIUC == 14) { |  |  |
| Extended UIUC-dependent IE } | *variable* | See 8.4.5.4.34.1 |
| } |  |  |
| } |  |  |
| } |  |  |