OsmoPCU - Bug #1831

No handling for padding octets(LI 127) for EGPRS. row 3rd of Table 10.4.14a.1 TS 44.060 version 7.27.0 Release

10/21/2016 08:00 AM - arvind.sirsikar

Status:	Stalled	**Start date:**	10/21/2016
Priority:	Low	**Due date:**	
Assignee:	pespin	**% Done:**	0%
Category:			
Target version:			
Spec Reference:			

Description

While testing DL TBF, First 2(BSN 0 and BSN1) RLC blocks were prepared properly. But while filling the 3rd RLC block(BSN 2), instead of LI 127 we see LI present as 47(decimal). Please refer below logs. Brief information is below

MCS > 6
Number of LLC present in DL TBF > 2 with size 74 each

TBF append len(74)
TBF append len(74)
TBF downlink (V(A)==0 .. V(S)==0)
- Sending new block at BSN 0, CS=MCS-6
- Dequeue next LLC for TBF (len=74)
-- Chunk with length 74 would exactly fit into space (74): just copy it, and we are done. The next block will have to start with an empty chunk
data block (BSN 0, MCS-6): 01 02 03 04 05 06 07 08 09 0a 0b 0c 0d 0e 0f 10 11 12 13 14 15 16 17 18 19 1a 1b 1c 1d 1e 1f 20 21 22 23 24 25 26 27 28 29 2a 2b 2c 2d 2e 2f 30 31 32 33 34 35 36 37 38 39 3a 3b 3c 3d 3e 3f 40 41 42 43 44 45 46 47 48 49 4a
- need_padding 0 spb_status 0 spb 0(BSN1 0 BSN2 ~~1~~)
Copying data unit 0 (BSN 0)
msg block (BSN 0, MCS-6): 07 00 00 50 80 c0 00 41 81 c1 01 42 82 c2 02 43 83 c3 03 44 84 c4 04 45 85 c5 05 46 86 c6 06 47 87 c7 07 48 88 c8 08 49 89 c9 09 4a 8a ca 0a 4b 8b cb 0b 4c 8c cc 0c 4d 8d cd 0d 4e 8e ce 0e 4f 8f cf 0f 50 90 d0 10 51 91 d1 11 52 92 12
TBF downlink (V(A)==0 .. V(S)==1)
- Sending new block at BSN 1, CS=MCS-6
-- Chunk with length 0 is less than remaining space (74): add length header to to delimit LLC frame
Complete DL frame for TBFlen=74
- Dequeue next LLC for TBF (len=74)
-- Chunk with length 74 larger than space (73) left in block: copy only remaining space, and we are done
data block (BSN 1, MCS-6): 01 01 02 03 04 05 06 07 08 09 0a 0b 0c 0d 0e 0f 10 11 12 13 14 15 16 17 18 19 1a 1b 1c 1d 1e 1f 20 21 22 23 24 25 26 27 28 29 2a 2b 2c 2d 2e 2f 30 31 32 33 34 35 36 37 38 39 3a 3b 3c 3d 3e 3f 40 41 42 43 44 45 46 47 48 49
- need_padding 0 spb_status 0 spb 0(BSN1 1 BSN2 ~~1~~)
Copying data unit 0 (BSN 1)
msg block (BSN 1, MCS-6): 07 40 00 40 40 80 c0 00 41 81 c1 01 42 82 c2 02 43 83 c3 03 44 84 c4 04 45 85 c5 05 46 86 c6 06 47 87 c7 07 48 88 c8 08 49 89 c9 09 4a 8a ca 0a 4b 8b cb 0b 4c 8c cc 0c 4d 8d cd 0d 4e 8e ce 0e 4f 8f cf 0f 50 90 d0 10 51 91 d1 11 52 12
TBF downlink (V(A)==0 .. V(S)==2)
- Sending new block at BSN 2, CS=MCS-6
-- Chunk with length 1 is less than remaining space (74): add length header to to delimit LLC frame
Complete DL frame for TBFlen=74
-- Empty chunk, added LLC dummy command of size 71, drained_since=0
-- Chunk with length 71 is less than remaining space (72): add length header to to delimit LLC frame
-- No space left, so we are done.
Complete DL frame for TBFlen=71
data block (BSN 2, MCS-6): 02 8f 4a 43 c0 01 2b 2b 2b

msg block (BSN 2, MCS-6): 0f 80 00 80 c0 a3 d2 10 70 c0 ca ca ca