Liaison Statement

Title: V.44 Data Compression in SNDCP

Reference LS:

To: TSG-SA2

CC: TSG-CN1

Source: TSG-CN

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CN has approved the support of a new data compression algorithm, ITU-T Recommendation V.44, in SNDCP. V.44 provides better performance and a better implementation within SNDCP than the other data compression algorithm supported in SNDCP, ITU-T Recommendation V.42bis.

However, CN is not sure as to the reason why data compression is required in SNDCP of GPRS but not in PDCP of UMTS. CN requests SA2 to evaluate this apparent inconsistency and perhaps clarify the reason data compression is not required in PDCP. Then, if applicable, place a data compression requirement on both GPRS and UMTS that is consistent across both systems, either in SNDCP and PDCP or a different protocol layer.