TSG-RAN Working Group 2 (Radio layer 2 and Radio layer 3)                    TSGR2#7(99)D30
Malmö, Sweden, 20 - 24 September 1999

**Source**:      RAN2

**To**:          TSG RAN WG1

**Title**:       Liaison Statement to WG1 Regarding the Use of PICH Reserved Bits

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During WG2#7, a contribution from Motorola (R2-99B61) was discussed which proposes use currently reserved bits on the PICH to indicate a change in system information for UEs after re-selection of a cell in which they where previously. According to the contribution, UE power consumption can be reduced by having the UE decode the reserved PICH bits rather than decoding a PCH frame. This addressed in particular UEs in between two cells.

WG2 would like to ask WG1 to answer the following three questions regarding the PICH:

1. Can the currently reserved bits on the PICH be allocated for the use of the higher layers?

2. What are the bit-error-rate characteristics of the PICH?

3. What is the battery life improvement of decoding the reserved PICH bits rather than decoding a PCH frame?