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**Source:** TSG-RAN WG2  
**To:** TSG-RAN WG1  
**Title:** Reply to TSGR2#5(99)532 (TSGR1#5(99)758)  
on RACH Payload Requirements

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In liaison statement Td TSGR2#5(99)532 WG1 has asked the following question:

*WG1 would also like to ask WG2 for additional information:*

- *Is it relevant to also include support for lower RACH payloads than 20 octets or will all messages transmitted on the RACH be of at least 20 octets?*

WG2 would like to state that not all messages carried on the RACH will have a fixed size of 20 octets. A similar flexibility of the payload range as for dedicated channels would be a desirable feature. This means that the payload size may range from a minimum size of 1 bit up to a maximum size applicable for the minimum spreading factor of 32 for RACH.

WG2 intends to select a number of payload sizes that can be represented with the given TFCI code space, applicable for the RACH message part, and which does not require an unreasonable amount of signalling of the specific transport format descriptions on BCCH or PCCH.

WG2 would like to note that the requirement is still valid that a minimum RACH payload size of 20 octets for FDD needs to be supported in all cells. Note that this is also desirable for TDD.