

**Agenda Item:** 6  
**Source:** LG Information and Communications, Ltd. KOREA  
**Title:** Report from Multicast Email Discussion Group  
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## **1. Purpose of Multicast Email Discussion**

At the last TSG RAN WG2 meeting at Stockholm, we, LGIC, proposed new transport channels for multicast [Tdoc 75 and 76], and further discussion was recommended through email. As a result, we initiated email discussion, and this paper captures the summary of the discussion done so far.

## **2. Summary**

### **The Clarification of FACH feature on fast rate change support**

A question was raised by Ericsson concerning this topic. According to the current spec, S2.02, fast rate change is included as one of FACH characteristics. Therefore, we shouldn't preclude FACH from being considered as a proper transport channel for multicast. However, if we look at the current structure of the physical channel for FACH, that is, secondary CCPCH, we cannot find TFCI there, which is necessary in order to support fast rate change.

In order to clarify this inconsistency, we went to the last TSG RAN WG1 meeting, and proposed that we need a new physical channel similar to Secondary CCPCH and having TFCI to support fast rate change for multicast service. It was concluded within WG1 that including TFCI into FACH will be seriously considered within AdHoc 7 to be able to support multicast type service and also to resolve the inconsistency mentioned above. In fact, WG1 wrote a LS to this group, WG2, concerning this issue.

If TFCI is included into Secondary CCPCH, the physical channel for FACH, there is no necessity of introducing a new physical channel just for multicast service.

### **The necessity of having new transport channel for Point-to-Multipoint(or multicast) Service**

We raised this issue and justification of our proposal on this through email. However, there was no discussion on this. We hope to have a discussion on this at this meeting. For this, we brought another contribution (Tdoc 219).

### **LS from this working group to TSG SA WG1 concerning the clarification for multicast service requirement**

At the last WG2 meeting at Stockholm, a LS was sent to TSG SA WG1 asking for the information about the exact multicast service requirements. Unfortunately, TSG SA WG1 has not had a physical meeting since the LS was sent. To our knowledge, the next physical meeting for TSG SA WG1 will be May 10th through 12th. We expect this LS will be dealt with at that meeting.