Source:	**TSG_N3**
Title:	**Work Item for CS Multimedia swap and fallback feature**
Agenda item:	**5.3.3**
Document for:	**APPROVAL**

Title: CS Multimedia swap and fallback feature

1.   Work item description

Usability, user friendliness and compatibility with fixed network multimedia terminals are increased in the R00 CS multimedia bearer service by adding new features. The "swap feature" allows for start either with speech or multimedia, and swap between speech and multimedia. A call retry and a further development of fallbacks will be studied.

2.   Linked Work Items

None (CS multimedia in R99)

3.   Justification

Increased usability, user friendliness and compatibility with fixed network multimedia terminals.

4.   Service Aspects

No new services are introduced. A new service concept will be introduced with the start with speech and the swap between speech and multimedia. Fallback cases will be complemented and/or an optimized support for a call retry by the MS will be introduced, if found technically reasonable. These additional functionalities complement the CS multimedia bearer service specified in R99.

5.   MMI Aspects

The UE user interface shall support the invocation of a swap between speech and multimedia. The UE user interface shall also support the selection of the start mode, i.e. start with speech or start with multimedia.

6.   Charging Aspects

Existing charging principles are used.

However, it shall be clarified whether the charging of the multimedia service is applied also in the speech phase of the multimedia call.

7.   Security Aspects

None

8.   Impacts

Affects:	UE	Radio	CN	Others
Yes	X		X	
No		X		X
Don't know				

9.   Expected Output and Time scales

Approval of WI:	TSG CN WG3 #78 in 19992000
Start of Work:	TSG CN WG3 #7 in 1999
Approval of deliverable by:	TSG CN Plenary December 2000

10.   Work Item rapporteurs

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11.   Supporting Companies

Nokia, NTT DoCoMo, Lucent; Sonera

12.   **Responsible STC(s)**

Primary Responsibility: TSG CN WG3 (may change by the WI contents)
Secondary Responsibility: TSG CN WG1