Agenda item: 7.1

Document for: Information

3GPP TSG-SA Codec Working Group   **TSGS4#3(99)084**
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Liaison To:	**TSG-T**
Source:	**TSG-S4 (Codec Working Group)**
Subject:	**Terminal Capabilities**

This document contains a preliminary response from TSG-S4 to the TSG-SA and TSG-T2 request to all 3GPP Working Groups to identify the Terminal Implementation Capabilities linked with their area of expertise.

The Terminal Capabilities are listed in the following table (to be completed) for each Service Capability involving the Codec Working Group (TSG-S4). The table first lists any capability to be mandatory supported by any 3G Terminal supporting the related Service Capability, then the optional capabilities identified by the specifications. When necessary, the right column lists some network capabilities linked to the Terminal Capabilities under review.

Terminal Capabilities	Comments/Linked Network Capabilities
Service Capability: **Speech Service:** *Mandatory Terminal Capabilities:* - Support of AMR speech codec as specified in TS 26.10 *Optional Terminal Capabilities:* -	
Service Capability: **Circuit Switched Multimedia Service H 324 Based:** *Mandatory Terminal Capabilities:* Support of AMR for the speech codec Support of H.263 for the Video codec Support of H.223 Annex B for the Multiplex Bit rates of at least 32 kbit/s *Optional Terminal Capabilities:* Support of G.723.1 speech codec (Recommended) Support of MPEG-4 Video Codec Other options of H.324	Interoperability with PSTN/ISDN based Multimedia Terminals requires audio transcoding for 3G Terminals not supporting G.723.1
Service Capability: **H.323 Packet Based Multimedia Service:** *Mandatory Terminal Capabilities:* tbd *Optional Terminal Capabilities:* tbd	