**3GPP TSG- Meeting #**

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| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  |  | **CR** |  | **rev** | **1** | **Current version:** |  |  |
|  |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **X** |

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|  |
| ***Title:***  |  |
|  |  |
| ***Source to WG:*** |  |
| ***Source to TSG:*** |  |
|  |  |
| ***Work item code:*** |  |  | ***Date:*** |  |
|  |  |  |  |  |
| ***Category:*** |  |  | ***Release:*** |  |
|  | *Use one of the following categories:****F*** *(correction)****A*** *(mirror corresponding to a change in an earlier release)****B*** *(addition of feature),* ***C*** *(functional modification of feature)****D*** *(editorial modification)*Detailed explanations of the above categories canbe found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | *Use one of the following releases:Rel-8 (Release 8)Rel-9 (Release 9)Rel-10 (Release 10)Rel-11 (Release 11)…Rel-15 (Release 15)Rel-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)* |
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| ***Reason for change:*** | Indicating for which supplementary services the converged charging in MMTel AS are applicable. |
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| ***Summary of change:*** | Adding a column for converged charging with marking for supplementary services applicability, |
|  |  |
| ***Consequences if not approved:*** | MMTel AS cannot support converged charging. |
|  |  |
| ***Clauses affected:*** | 5.0 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **X** |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  | **X** |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** | Revision of S1-206198 |

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| **First change** |

## 5.0 Introduction

There are a variety of multimedia telephony supplementary services implemented at different IMS nodes. All the services should support subscription based charging, and some also consumption based charging. The subscription based charging is out of the scope of the present document.

Table 5.0.1 summarizes which of the services are applicable for offline, online and converged charging.

Table 5.0.1: Relevance of the services for offline, online and converged charging

| Supplementaryservices | Offlinecharging | Onlinecharging | Convergedcharging |
| --- | --- | --- | --- |
| OIP | X | - | X |
| OIR | X | - | X |
| TIP | X | - | X |
| TIR | X | - | X |
| CW  | X | - | X |
| HOLD | X | - | X |
| CB | X | - | X |
| MWI | X | - | X |
| CONF | X | X | X |
| CCBS | X | - | X |
| CCNR | X | - | X |
| CDIV | X | X | X |
| ECT | X | X | X |
| FA | X | X | X |
| MCID | X | - | X |
| CAT | X | - | X |
| CUG | X | X | X |
| PNM | X | - | X |
| CRS | X | - | X |
| AoC | X | - | - |

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| **End of changes** |