

| ID | Jnique_IC | Name  | Release | Resource Names | Modifie | Acronym        | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                 | WI rapporteur name  | Qtr 1, 2009 |     |     |
|----|-----------|---|---------|----------------|---------|----------------|------------|------------|------------|----------------------|---------------------------|---------------------|-------------|-----|-----|
|    |           |   |         |                |         |                |            |            |            |                      |                           |                     | Nov         | Jan | Mar |
| 1  | 0         | Version 2009 Mar 24                         |         |                | No      |                | 23/10/1989 | 03/01/2000 | 0%         |                      |                           |                     |             |     |     |
| 2  | 0         |   |         |                | No      |                | 03/01/2000 | 03/01/2000 | 0%         |                      |                           |                     |             |     |     |
| 3  | 0         | "CTRL + a" to display all the 3GPP field    |         |                | No      |                | 03/01/2000 | 03/01/2000 | 0%         |                      |                           |                     |             |     |     |
| 4  | 0         |   |         |                | No      |                | 03/01/2000 | 03/01/2000 | 0%         |                      |                           |                     |             |     |     |
| 5  | 0         | Gantt: dark blue=done; light blue=to be     |         |                | No      |                | 03/01/2000 | 03/01/2000 | 0%         |                      |                           |                     |             |     |     |
| 6  | 0         |   |         |                | No      |                | 03/01/2000 | 03/01/2000 | 0%         |                      |                           |                     |             |     |     |
| 7  | 0         | Release 10 Features                         | Rel-10  | CP,SP          | No      |                | 01/01/2000 | 01/01/2000 | 0%         |                      |                           |                     |             |     |     |
| 8  | 380062    | Network Selection for non-3GPP Access       | Rel-10  | S1,C6          | No      | N3GtoNSP       | 06/12/2007 | 10/12/2009 | 0%         |                      | <a href="#">SP-070874</a> | Telefonica O2       |             |     |     |
| 9  | 380162    | Stage 1 for N3GtoNSP                        | Rel-10  | S1             | No      | N3GtoNSP       | 06/12/2007 | 10/12/2009 | 0%         | 22.011               | <a href="#">SP-070874</a> | Telefonica O2       |             |     |     |
| 10 | 380262    | CT6 issues for N3GtoNSP                     | Rel-10  | C6             | No      | N3GtoNSP       | 06/12/2007 | 04/12/2009 | 0%         | 22.234, 21.111, 31.1 | <a href="#">SP-070874</a> | Telefonica O2       |             |     |     |
| 11 | 410030    | Network Improvements for Machine-type       | Rel-10  | S1             | No      | NIMTC          | 18/09/2008 | 04/06/2009 | 35%        |                      | <a href="#">SP-080649</a> | KPN                 |             |     |     |
| 12 | 410031    | Stage 1 for NIMTC                           | Rel-10  | S1             | No      | NIMTC          | 18/09/2008 | 04/06/2009 | 35%        | 22.368               | <a href="#">SP-080649</a> | KPN                 |             |     |     |
| 13 | 0         | Release 10 Feasibility Studies              | Rel-10  | SP             | No      |                | 01/01/2000 | 01/01/2000 | 0%         |                      |                           |                     |             |     |     |
| 14 | 430030    | Study on Mobile Haptic Services             | Rel-10  | S1             | No      | FS_Haptics     | 12/03/2009 | 11/03/2010 | 0%         | 22.9xy               | <a href="#">SP-090222</a> | SK Telecom          |             |     |     |
| 15 | 0         | Release 9 Features                          | Rel-9   | iP,RP,SP       | No      |                | 01/01/2000 | 01/01/2000 | 0%         |                      |                           |                     |             |     |     |
| 16 | 330017    | Services Alignment and Migration            | Rel-9   | S1             | No      | ServAI         | 06/12/2006 | 18/09/2008 | 100%       |                      | <a href="#">SP-070126</a> | China Mobile        |             |     |     |
| 17 | 410001    | Stage 1 for ServAI                          | Rel-9   | S1             | No      | ServAI         | 06/12/2006 | 18/09/2008 | 100%       | 22.182               | <a href="#">SP-070126</a> | China Mobile        |             |     |     |
| 18 | 350014    | Registration in Densely-populated area (    | Rel-9   | S1,S2          | No      | RED            | 12/03/2007 | 04/06/2009 | 50%        | WID identifies also  | <a href="#">SP-070133</a> | NTT DoCoMo          |             |     |     |
| 19 | 370030    | Stage 1 for RED                             | Rel-9   | S1             | No      | RED            | 12/03/2007 | 15/03/2007 | 100%       | 22.101 CR#0207       | <a href="#">SP-070133</a> | NTT DoCoMo          |             |     |     |
| 20 | 370031    | Stage 2 for RED                             | Rel-9   | S2             | No      | RED            | 25/09/2007 | 04/06/2009 | 50%        | 23.880, 23.002, 23.0 | <a href="#">SP-070694</a> | NTT DoCoMo          |             |     |     |
| 21 | 370027    | End-User Identity                           | Rel-9   | S1             | No      | EUI            | 03/09/2007 | 11/12/2008 | 100%       |                      | <a href="#">SP-070651</a> | Siemens Networks    |             |     |     |
| 22 | 410024    | Stage 1 for EUI                             | Rel-9   | S1             | No      | EUI            | 03/09/2007 | 11/12/2008 | 100%       | 21.905               | <a href="#">SP-070651</a> | a Siemens Networks  |             |     |     |
| 23 | 380067    | Customized Ringing Signal                   | Rel-9   | S1             | No      | CRS            | 06/12/2007 | 11/12/2008 | 100%       |                      | <a href="#">SP-080502</a> | com, China Mobile   |             |     |     |
| 24 | 410025    | Stage 1 for CRS                             | Rel-9   | S1             | No      | CRS            | 06/12/2007 | 11/12/2008 | 100%       | 22.183, 22.173       | <a href="#">SP-080502</a> | lecom, China Mobile |             |     |     |
| 25 | 380057    | Public Warning System                       | Rel-9   | S1             | No      | PWS            | 06/12/2007 | 11/12/2008 | 100%       |                      | <a href="#">SP-070876</a> | T-Mobile            |             |     |     |
| 26 | 380058    | Stage 1 for PWS                             | Rel-9   | S1             | No      | PWS            | 06/12/2007 | 11/12/2008 | 100%       | 22.268               | <a href="#">SP-070876</a> | T-Mobile            |             |     |     |
| 27 | 390073    | Enhancements to Multimedia Priority Se      | Rel-9   | S1             | No      | ePRIOR         | 13/03/2006 | 05/06/2008 | 100%       |                      | <a href="#">SP-080051</a> | Telcordia           |             |     |     |
| 28 | 390074    | Stage 1 for ePRIOR                          | Rel-9   | S1             | No      | ePRIOR         | 13/03/2006 | 05/06/2008 | 100%       | 22.153, 22.278       | <a href="#">SP-080051</a> | Telcordia           |             |     |     |
| 29 | 400031    | Support of Personal Area Networks and       | Rel-9   | S1             | No      | PAN_EPNM       | 05/06/2008 | 04/12/2009 | 0%         |                      | <a href="#">SP-080430</a> | Vodafone            |             |     |     |
| 30 | 400043    | Stage 1 for PAN_EPNM                        | Rel-9   | S1             | No      | PAN_EPNM       | 05/06/2008 | 05/06/2008 | 100%       | 22.259               | <a href="#">SP-080430</a> | Vodafone            |             |     |     |
| 31 | 430002    | Stage 2 for PAN_EPNM                        | Rel-9   | C1             | No      | PAN_EPNM       | 06/03/2009 | 04/12/2009 | 0%         | 23.259               | <a href="#">CP-090113</a> | Huawei              |             |     |     |
| 32 | 430102    | Stage 3 for PAN_EPNM                        | Rel-9   | C1             | No      | PAN_EPNM       | 06/03/2009 | 04/12/2009 | 0%         | 24.259               | <a href="#">CP-090113</a> | Huawei              |             |     |     |
| 33 | 400032    | Multi-Media Telephony Service enhance       | Rel-9   | S1,S5          | No      | eMMTel         | 05/06/2008 | 10/12/2009 | 26%        |                      | <a href="#">SP-080503</a> | France Telecom      |             |     |     |
| 34 | 400044    | Stage 1 for eMMTel                          | Rel-9   | S1             | No      | eMMTel         | 05/06/2008 | 11/12/2008 | 100%       | 22.173               | <a href="#">SP-080503</a> | France Telecom      |             |     |     |
| 35 | 430031    | Multimedia Telephony (MMTel) Service an     | Rel-9   | S5             | No      | eMMTel-SS-CH   | 12/03/2009 | 10/12/2009 | 0%         | 32.275, 32.298, 32.2 | <a href="#">SP-090196</a> | Alcatel-Lucent      |             |     |     |
| 36 | 430032    | Support of Real-time Transfer of Tariff Inf | Rel-9   | S5             | No      | IMSTSS-RTTI-CH | 12/03/2009 | 10/12/2009 | 0%         | 32.27x, 32.240, 32.2 | <a href="#">SP-090055</a> | Orange              |             |     |     |
| 37 | 400034    | User Data Convergence                       | Rel-9   | S1             | No      | UDC            | 05/06/2008 | 18/12/2009 | 40%        |                      | <a href="#">SP-080448</a> | China Mobile        |             |     |     |
| 38 | 400046    | Stage 1 for UDC                             | Rel-9   | S1             | No      | UDC            | 05/06/2008 | 11/12/2008 | 100%       | 22.985, 22.101       | <a href="#">SP-080448</a> | China Mobile        |             |     |     |
| 39 | 430003    | UDC Technical Realization (Stage 2)         | Rel-9   | C4             | No      | UDC-CN         | 06/03/2009 | 18/12/2009 | 0%         | TS 23.335 (User De   | <a href="#">CP-090017</a> | Ericsson            |             |     |     |
| 40 | 400035    | Enhanced Home NodeB / eNodeB                | Rel-9   | SP,RP          | No      | EHNB           | 05/06/2008 | 10/12/2009 | 18%        |                      | <a href="#">SP-090214</a> | T-Mobile            |             |     |     |
| 41 | 400047    | Stage 1 for EHNB                            | Rel-9   | S1             | No      | EHNB           | 05/06/2008 | 04/06/2009 | 95%        | 22.220, 22.011       | <a href="#">SP-080791</a> | T-Mobile            |             |     |     |
| 42 | 410026    | Architecture aspects of EHNB                | Rel-9   | S2             | No      | EHNB           | 18/09/2008 | 10/12/2009 | 20%        | 23.830 (Architecture | <a href="#">SP-080636</a> | T-Mobile            |             |     |     |
| 43 | 420034    | IMS aspects of Architecture for Home Noc    | Rel-9   | S2             | No      | EHNB-IMS       | 11/12/2008 | 24/09/2009 | 25%        | 23.832, TS 23.xyz (I | <a href="#">SP-080799</a> | Alcatel-Lucent      |             |     |     |
| 44 | 420035    | Security aspects of Enhanced Home Node      | Rel-9   | S3             | No      | EHNB-Sec       | 11/12/2008 | 10/12/2009 | 20%        | 33.xyz (Security Asp | <a href="#">SP-080879</a> | Huawei              |             |     |     |

| ID | Jnique_IC     | Name  | Release | Resource Names  | Modifie   | Acronym                | Start             | Finish            | % Complete  | Impacted TSs and TRs | Hyperlink                    | WI rapporteur name      | Qtr 1, 2009 |     |     |
|----|---------------|---|---------|-----------------|-----------|------------------------|-------------------|-------------------|-------------|----------------------|------------------------------|-------------------------|-------------|-----|-----|
|    |               |   |         |                 |           |                        |                   |                   |             |                      |                              |                         | Nov         | Jan | Mar |
| 45 | 420036        | <b>3G Home NodeB Gateway OAM&amp;P</b>            | Rel-9   | S5              | No        | HNB-OAM_GW             | 11/12/2008        | 10/12/2009        | 0%          | 32.xx1, 32.xx2, 32.x | <a href="#">SP-080794</a>    | China Mobile            |             |     |     |
| 46 | 430012        | <b>3G Home NodeB and LTE Home eNodeB C</b>        | Rel-9   | S5              | No        | HNB_eHNB-OAM_Ty        | 12/03/2009        | 10/12/2009        | 0%          | 32.yy1, 32.yy2, 32.y | <a href="#">SP-090208</a>    | Huawei                  |             |     |     |
| 47 | 420008        | <b>LTE FDD Home eNodeB RF Requirements</b>        | Rel-9   | R4              | No        | HeNB-RF_FDD            | 05/12/2008        | 04/12/2009        | 0%          | 36.9xx (LTE FDD Hi   | <a href="#">RP-081080</a>    | Motorola                |             |     |     |
| 48 | 430005        | <b>LTE TDD Home eNodeB RF Requirements</b>        | Rel-9   | R4              | No        | HeNB-RF_TDD            | 06/03/2009        | 04/12/2009        | 0%          | 36.9xx (LTE TDD Hi   | <a href="#">RP-090160</a>    | China Mobile            |             |     |     |
| 49 | 430025        | <b>Home NB and Home eNB enhancements -</b>        | Rel-9   | R3              | No        | EHNb-RAN3              | 06/03/2009        | 04/12/2009        | 0%          | new TS (UTRAN Iuh    | <a href="#">RP-090349</a>    | Alcatel-Lucent          |             |     |     |
| 50 | 430026        | <b>Home NB and Home eNB enhancements -</b>        | Rel-9   | R2              | No        | EHNb-RAN2              | 06/03/2009        | 04/12/2009        | 0%          | 25.304, 25.331, 25.3 | <a href="#">RP-090351</a>    | Huawei                  |             |     |     |
| 51 | <b>410027</b> | <b>Protection against Unsolicited Communi</b>     | Rel-9   | <b>S1,S3</b>    | <b>No</b> | <b>PUCI</b>            | <b>18/09/2008</b> | <b>04/06/2009</b> | <b>47%</b>  |                      | <a href="#">SP-080482</a>    | <b>NEC</b>              |             |     |     |
| 52 | 410028        | <b>Stage 1 for PUCI</b>                           | Rel-9   | S1              | No        | PUCI                   | 18/09/2008        | 11/12/2008        | 100%        | 22.228               | <a href="#">SP-080482</a>    | NEC                     |             |     |     |
| 53 | 410029        | <b>SA3 work on PUCI</b>                           | Rel-9   | S3              | No        | PUCI                   | 18/09/2008        | 04/06/2009        | 30%         | 33.8xx (Study of Me  | <a href="#">SP-080482</a>    | NEC                     |             |     |     |
| 54 | <b>410032</b> | <b>IMS Services Centralization and Continu</b>    | Rel-9   | <b>S1,S2,C1</b> | <b>No</b> | <b>IMS_SCC</b>         | <b>18/09/2008</b> | <b>04/12/2009</b> | <b>24%</b>  |                      | <a href="#">SP-080633</a>    | <b>NEC</b>              |             |     |     |
| 55 | 410033        | <b>Inter-Device Transfer – Requirements</b>       | Rel-9   | S1              | No        | IMS_SCC-IDT            | 18/09/2008        | 11/12/2008        | 100%        | 22.101, 22.228       | <a href="#">SP-080507</a>    | NEC                     |             |     |     |
| 56 | 410034        | <b>IMS Service Continuity Enhancements: Se</b>    | Rel-9   | S2              | No        | IMS_SCC-SPI            | 18/09/2008        | 04/06/2009        | 20%         | 23.838, 23.237, 23.2 | <a href="#">SP-080561</a>    | Huawei                  |             |     |     |
| 57 | 410035        | <b>IMS Centralized Services - Stage 2</b>         | Rel-9   | S2              | No        | IMS_SCC-ICS            | 18/09/2008        | 04/06/2009        | 30%         | 23.883 (IMS Central  | <a href="#">SP-080634</a>    | Alcatel-Lucent          |             |     |     |
| 58 | 430004        | <b>IMS Centralized Services support via I1 in</b> | Rel-9   | C1              | No        | IMS_SCC-ICS_I1         | 06/03/2009        | 04/12/2009        | 0%          | 24.294 (ICS Protocc  | <a href="#">CP-090114</a>    | Huawei                  |             |     |     |
| 59 | <b>420016</b> | <b>Enhancements of IMS Customized Alerti</b>      | Rel-9   | <b>S1,C1</b>    | <b>No</b> | <b>eCAT</b>            | <b>05/12/2008</b> | <b>04/12/2009</b> | <b>20%</b>  |                      | <a href="#">CP-080796</a>    |                         |             |     |     |
| 60 | 420017        | <b>Stage 3 Enhancements of IMS CAT Suppl</b>      | Rel-9   | C1              | No        | eCAT-SS                | 05/12/2008        | 04/12/2009        | 20%         | 24.182               | <a href="#">CP-080796</a>    | China Mobile            |             |     |     |
| 61 | <b>420020</b> | <b>Service Specific Access Control in EPS</b>     | Rel-9   | <b>S1</b>       | <b>No</b> | <b>SSAC</b>            | <b>11/12/2008</b> | <b>11/12/2008</b> | <b>100%</b> |                      | <a href="#">SP-080882</a>    | <b>NTT DoCoMo</b>       |             |     |     |
| 62 | 420021        | <b>Stage 1 for SSAC</b>                           | Rel-9   | S1              | No        | SSAC                   | 11/12/2008        | 11/12/2008        | 100%        | 22.011 CR0136        | <a href="#">SP-080882</a>    | NTT DoCoMo              |             |     |     |
| 63 | <b>380064</b> | <b>Support for IMS Emergency Calls over G</b>     | Rel-9   | <b>S2,S1,RP</b> | <b>No</b> | <b>IMS_EMER_GPRS_E</b> | <b>14/01/2008</b> | <b>10/12/2009</b> | <b>51%</b>  |                      | <a href="#">SP-080844</a>    | <b>Alcatel-Lucent</b>   |             |     |     |
| 64 | 410036        | <b>Stage 1 of IMS_EMER_GPRS_EPS</b>               | Rel-9   | S1              | No        | IMS_EMER_GPRS_E        | 14/01/2008        | 11/12/2008        | 100%        | 22.101               | <a href="#">SP-080844</a>    | Alcatel-Lucent          |             |     |     |
| 65 | 410037        | <b>Stage 2 of IMS_EMER_GPRS_EPS</b>               | Rel-9   | S2              | No        | IMS_EMER_GPRS_E        | 14/01/2008        | 04/06/2009        | 80%         | 23.869, 23.060, 23.1 | <a href="#">SP-080844</a>    | Alcatel-Lucent          |             |     |     |
| 66 | 420022        | <b>Security aspects of IMS_EMER_GPRS_EP</b>       | Rel-9   | S3              | No        | IMS_EMER_GPRS_E        | 11/12/2008        | 10/12/2009        | 0%          | 33.401, 33.402       | <a href="#">SP-080844</a>    | Alcatel-Lucent          |             |     |     |
| 67 | 410038        | <b>SRVCC support for IMS Emergency Calls</b>      | Rel-9   | S2              | No        | IMS_EMER_GPRS_E        | 18/09/2008        | 04/06/2009        | 60%         | 23.870, 23.216, 23.2 | <a href="#">SP-090099</a>    | China Mobile            |             |     |     |
| 68 | 420041        | <b>Support for IMS Emergency Calls over LT</b>    | Rel-9   | R2              | No        | IMS_EMER_LTE           | 05/12/2008        | 18/09/2009        | 0%          | 36.331 (E-UTRA RF    | <a href="#">RP-081140</a>    | Alcatel-Lucent          |             |     |     |
| 69 | <b>430006</b> | <b>LCS for LTE and EPS</b>                        | Rel-9   | <b>S2,RP</b>    | <b>No</b> | <b>LCS_LTE_EPS</b>     | <b>05/06/2008</b> | <b>04/12/2009</b> | <b>29%</b>  |                      | <a href="#">SP-080445</a>    |                         |             |     |     |
| 70 | <b>400038</b> | <b>LCS Control Plane Solution for EPS</b>         | Rel-9   | <b>S2</b>       | <b>No</b> | <b>LCS_EPS-CPS</b>     | <b>05/06/2008</b> | <b>04/06/2009</b> | <b>60%</b>  |                      | <a href="#">SP-080445</a>    | <b>Polaris Wireless</b> |             |     |     |
| 71 | 400048        | <b>Stage 2 for LCS_CPS_EPS</b>                    | Rel-9   | S2              | No        | LCS_EPS-CPS            | 05/06/2008        | 04/06/2009        | 60%         | 23.891, 23.271, 23.4 | <a href="#">SP-080445</a>    | Polaris Wireless        |             |     |     |
| 72 | 420006        | <b>Positioning Support for LTE</b>                | Rel-9   | R2,R4           | No        | LCS_LTE                | 05/12/2008        | 04/12/2009        | 20%         | 36.300, 36.331, 36.4 | <a href="#">RP-080995</a>    | Qualcomm                |             |     |     |
| 73 | 430011        | <b>Network-Based Positioning Support for L</b>    | Rel-9   | R2,S5           | No        | LCS_LTE-NBPS           | 06/03/2009        | 04/12/2009        | 0%          | Possible new TS on   | <a href="#">RP-090354</a>    | TruePosition            |             |     |     |
| 74 | <b>400039</b> | <b>MBMS support in EPS</b>                        | Rel-9   | <b>S2,S3,S5</b> | <b>No</b> | <b>MBMS_EPS</b>        | <b>05/06/2008</b> | <b>10/12/2009</b> | <b>13%</b>  |                      | <a href="#">SP-080737</a>    | <b>China Mobile</b>     |             |     |     |
| 75 | 400040        | <b>Stage 2 for MBMS_EPS</b>                       | Rel-9   | S2              | No        | MBMS_EPS               | 05/06/2008        | 04/06/2009        | 35%         | 23.246               | <a href="#">SP-080737</a>    | China Mobile            |             |     |     |
| 76 | 420023        | <b>Security for MBMS_EPS</b>                      | Rel-9   | S3              | No        | MBMS_EPS               | 11/12/2008        | 04/06/2009        | 10%         | 33.246               | <a href="#">SP-080737</a>    | China Mobile            |             |     |     |
| 77 | 430033        | <b>MBMS Charging in EPS</b>                       | Rel-9   | S5              | No        | MBMS_EPS               | 06/03/2009        | 10/12/2009        | 0%          | 32.273, 32.251, 32.2 | <a href="#">SP-090052</a>    | ZTE                     |             |     |     |
| 78 | 430007        | <b>MBMS support in LTE</b>                        | Rel-9   | R2              | No        | MBMS_LTE               | 06/03/2009        | 04/12/2009        | 0%          | 36.101, 36.104, 36.1 | <a href="#">RP-090350</a>    | Huawei                  |             |     |     |
| 79 | <b>420024</b> | <b>Access Network Discovery and Selectio</b>      | Rel-9   | <b>S2,S1,S3</b> | <b>No</b> | <b>eANDSF</b>          | <b>11/12/2008</b> | <b>04/06/2009</b> | <b>65%</b>  |                      | <a href="#">SP-080887</a>    | <b>Motorola</b>         |             |     |     |
| 80 | 420040        | <b>Stage 2 for eANDSF</b>                         | Rel-9   | S2              | No        | eANDSF                 | 11/12/2008        | 04/06/2009        | 65%         | 23.402, 23.002       | <a href="#">SP-080887</a>    | Motorola                |             |     |     |
| 81 | <b>420025</b> | <b>GTP-based S8 chaining</b>                      | Rel-9   | <b>S2,S1</b>    | <b>No</b> | <b>GTPchaining</b>     | <b>11/12/2008</b> | <b>04/06/2009</b> | <b>35%</b>  |                      | <a href="#">SP-080798</a>    | <b>Huawei</b>           |             |     |     |
| 82 | 420026        | <b>Stage 2 for GTPchaining</b>                    | Rel-9   | S2              | No        | GTPchaining            | 11/12/2008        | 04/06/2009        | 35%         | 23.402 (Chaining G   | <a href="#">SP-080798</a>    | Huawei                  |             |     |     |
| 83 | 430034        | <b>Multiple PDN to the Same APN for PMIP-</b>     | Rel-9   | S2              | No        | MUPSAP                 | 12/03/2009        | 04/06/2009        | 0%          | 23.060, 23.203, 23.4 | <a href="#">SP-090098</a>    | Samsung                 |             |     |     |
| 84 | 430035        | <b>Multi Access PDN Connectivity (Stage 2)</b>    | Rel-9   | S2              | No        | MAPCON                 | 12/03/2009        | 04/06/2009        | 0%          | 23.401, 23.402       | <a href="#">SP-090100</a>    | Telecom Italia          |             |     |     |
| 85 | 33025         | <b>Access Security Enhancements</b>               | Rel-9   | S3              | No        | ACCSEC2                | 02/07/2007        | 04/06/2009        | 60%         | 33.102, 43.020       | <a href="#">SP-040865</a>    | Ericsson                |             |     |     |
| 86 | <b>440000</b> | <b>GBAPush enhancements</b>                       | Rel-9   | <b>S3</b>       | <b>No</b> | <b>eGBAPush</b>        | <b>12/03/2008</b> | <b>04/06/2009</b> | <b>59%</b>  |                      | <a href="#">VID at SA#44</a> | <b>Ericsson</b>         |             |     |     |
| 87 | 420039        | <b>SA3 part of eGBAPush (33.224)</b>              | Rel-9   | S3              | No        | eGBAPush               | 12/03/2008        | 04/06/2009        | 59%         | 33.224               | <a href="#">VID at SA#44</a> | Ericsson                |             |     |     |
| 88 | 430036        | <b>IMS Media Plane Security (Stage 2)</b>         | Rel-9   | S3              | No        | MEDIASEC               | 12/03/2009        | 10/12/2009        | 0%          | 33.828, 33.xxx (Soli | <a href="#">SP-090128</a>    | Vodafone                |             |     |     |

| ID  | Jnique_IC | Name   | Release | Resource Names | Modifie | Acronym             | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                      | WI rapporteur name | Qtr 1, 2009 |     |     |
|-----|-----------|--|---------|----------------|---------|---------------------|------------|------------|------------|----------------------|--------------------------------|--------------------|-------------|-----|-----|
|     |           |  |         |                |         |                     |            |            |            |                      |                                |                    | Nov         | Jan | Mar |
| 89  | 420027    | <b>Timed Graphics</b>                              | Rel-9   | S4             | No      | TG                  | 11/12/2008 | 10/12/2009 | 10%        |                      | <a href="#">SP-080683</a>      | Ericsson           |             |     |     |
| 90  | 420028    | <b>SA4 part of Timed Graphics</b>                  | Rel-9   | S4             | No      | TG                  | 11/12/2008 | 10/12/2009 | 10%        |                      | <a href="#">SP-080683</a>      | Ericsson           |             |     |     |
| 91  | 430037    | <b>Managing MTSI Media Adaptation</b>              | Rel-9   | S4             | No      | M3A                 | 12/03/2009 | 10/12/2009 | 0%         | 26.114 (IMS; Multim  | <a href="#">SP-090021</a>      | Samsung            |             |     |     |
| 92  | 430038    | <b>PSS and MBMS extensions</b>                     | Rel-9   | S4             | No      | MBS_Ext             | 12/03/2009 | 10/12/2009 | 0%         | 26.234 (Transparen   | <a href="#">SP-090022</a>      | Ericsson, Nokia    |             |     |     |
| 93  | 430039    | <b>Improved Video Support for PSS and ME</b>       | Rel-9   | S4             | No      | IVS                 | 12/03/2009 | 10/12/2009 | 0%         | TR 26.9xx (Study or  | <a href="#">SP-090023</a>      | Nokia              |             |     |     |
| 94  | 430046    | <b>IMS based PSS and MBMS User Service</b>         | Rel-9   | S4             | No      | IMS_PSS_MBMS_U      | 12/03/2009 | 10/12/2009 | 0%         | 26.237 (IMS based I  | <a href="#">SP-090025</a>      | Ericsson           |             |     |     |
| 95  | 420029    | <b>OAM&amp;P 9</b>                                 | Rel-9   | S5             | No      | OAM9                | 22/02/2008 | 10/12/2009 | 17%        |                      | <a href="#">not applicable</a> |                    |             |     |     |
| 96  | 420030    | <b>Network Infrastructure Management</b>           | Rel-9   | S5             | No      | OAM9-NIM            | 11/12/2008 | 24/09/2009 | 0%         |                      | <a href="#">not applicable</a> |                    |             |     |     |
| 97  | 420031    | Software Management for Network Elements           | Rel-9   | S5             | No      | OAM9-NE_SWM         | 11/12/2008 | 24/09/2009 | 0%         | 32.531, 32.532, 32.5 | <a href="#">SP-080756</a>      | a Siemens Networks |             |     |     |
| 98  | 420032    | <b>Performance Management</b>                      | Rel-9   | S5             | No      | OAM9-PM             | 12/03/2009 | 10/12/2009 | 0%         |                      | <a href="#">not applicable</a> |                    |             |     |     |
| 99  | 430041    | Enhancement of performance measurements for E      | Rel-9   | S5             | No      | OAM9-PM             | 12/03/2009 | 10/12/2009 | 0%         | 32.425               | <a href="#">SP-090053</a>      | Motorola,Huawei    |             |     |     |
| 100 | 430042    | Enhancement of performance measurements for E      | Rel-9   | S5             | No      | OAM9-PM             | 12/03/2009 | 10/12/2009 | 0%         | 32.426               | <a href="#">SP-090049</a>      | China Mobile       |             |     |     |
| 101 | 420033    | <b>Trace</b>                                       | Rel-9   | S5             | No      | OAM9-Trace          | 12/03/2009 | 10/12/2009 | 0%         |                      | <a href="#">not applicable</a> |                    |             |     |     |
| 102 | 430043    | <b>Self-Organizing Networks (SON) - OAM as</b>     | Rel-9   | S5             | No      | OAM9-SON            | 22/02/2008 | 10/12/2009 | 45%        |                      | <a href="#">not applicable</a> |                    |             |     |     |
| 103 | 390007    | SON Self-Optimization & Self-Healing handling      | Rel-9   | S5             | No      | LTE_SON-OAM         | 22/02/2008 | 10/12/2009 | 45%        | 32.521, 32.522, 32.5 | <a href="#">SP-090054</a>      | Motorola, Huawei   |             |     |     |
| 104 | 370026    | <b>Value-Added Services for Short Message</b>      | Rel-9   | S1,C4,C1       | No      | VAS4SMS             | 10/09/2007 | 04/12/2009 | 21%        |                      | <a href="#">SP-070572</a>      | China Mobile       |             |     |     |
| 105 | 370126    | <b>Stage 1 for VAS4SMS</b>                         | Rel-9   | S1             | No      | VAS4SMS             | 10/09/2007 | 12/03/2008 | 100%       | 22.142               | <a href="#">SP-070572</a>      | China Mobile       |             |     |     |
| 106 | 410011    | <b>VAS4SMS Interface and Signalling Flow -</b>     | Rel-9   | C4             | No      | VAS4SMS             | 12/09/2008 | 04/12/2009 | 10%        | 23.142, 29.002       | <a href="#">CP-090021</a>      | China Mobile       |             |     |     |
| 107 | 410014    | <b>VAS4SMS Interface and Signalling Flow -</b>     | Rel-9   | C1             | No      | VAS4SMS             | 08/09/2008 | 04/12/2009 | 0%         | 23.040               | <a href="#">CP-090021</a>      | China Mobile       |             |     |     |
| 108 | 380086    | <b>Definition of 3GPP UICC services over th</b>    | Rel-9   | C6             | No      | UICCHS              | 10/12/2007 | 04/12/2009 | 15%        | 31.xyz               | <a href="#">CP-070837</a>      | Gemalto            |             |     |     |
| 109 | 400008    | <b>CS-IBCF and CS-TrGW definition in 3GP</b>       | Rel-9   | C3,C4          | No      | CS-IBCF             | 30/05/2008 | 04/12/2009 | 36%        |                      | <a href="#">CP-090073</a>      | Telecom Italia     |             |     |     |
| 110 | 400109    | <b>CT3 aspects of CS-IBCF</b>                      | Rel-9   | C3             | No      | CS-IBCF             | 30/05/2008 | 18/09/2009 | 60%        | 29.235               | <a href="#">CP-090073</a>      | Telecom Italia     |             |     |     |
| 111 | 400010    | <b>CT4 aspects of CS-IBCF</b>                      | Rel-9   | C4             | No      | CS-IBCF             | 30/05/2008 | 04/12/2009 | 15%        | 29.238, 23.231, 29.2 | <a href="#">CP-090073</a>      | Telecom Italia     |             |     |     |
| 112 | 410008    | <b>IMS – Interconnection Border Control Fu</b>     | Rel-9   | C4,C3          | No      | IMS_IBCF            | 12/09/2008 | 04/12/2009 | 36%        |                      | <a href="#">CP-090019</a>      | Alcatel-Lucent     |             |     |     |
| 113 | 410108    | <b>CT4 part of IMS_IBCF</b>                        | Rel-9   | C4             | No      | IMS_IBCF            | 12/09/2008 | 04/12/2009 | 25%        | 29.238               | <a href="#">CP-090019</a>      | Alcatel-Lucent     |             |     |     |
| 114 | 410208    | <b>CT3 part of IMS_IBCF</b>                        | Rel-9   | C3             | No      | IMS_IBCF            | 12/09/2008 | 18/09/2009 | 50%        | 29.162, 29.235       | <a href="#">CP-090019</a>      | Alcatel-Lucent     |             |     |     |
| 115 | 410009    | <b>IMS Application Level Gateway Control F</b>     | Rel-9   | C4             | No      | IMS_AGCF            | 12/09/2008 | 04/12/2009 | 15%        | 23.334, 29.334       | <a href="#">CP-090020</a>      | Alcatel-Lucent     |             |     |     |
| 116 | 410023    | <b>Rel-9 Improvements of the Radio Interfa</b>     | Rel-9   | RP,GP          | No      | RInImp9             | 07/05/2008 | 12/03/2010 | 23%        |                      | <a href="#">not applicable</a> |                    |             |     |     |
| 117 | 410017    | <b>LCR TDD UE OTA Performance Requirem</b>         | Rel-9   | R4             | No      | RInImp9-RFLCROTA    | 12/09/2008 | 18/09/2009 | 60%        | 25.8xy (LCR TDD U    | <a href="#">RP-080744</a>      | RITT               |             |     |     |
| 118 | 410019    | <b>RF requirements for Multicarrier and Multi</b>  | Rel-9   | R4,G1          | No      | RInImp9-RFmulti     | 12/09/2008 | 12/03/2010 | 15%        |                      | <a href="#">RP-081098</a>      | Ericsson           |             |     |     |
| 119 | 420009    | RAN4 part of RF requirements for Multicarrier and  | Rel-9   | R4             | No      | RInImp9-RFmulti     | 12/09/2008 | 12/03/2010 | 15%        | 25.104, 25.105, 36.1 | <a href="#">RP-081098</a>      | Ericsson           |             |     |     |
| 120 | 420001    | GERAN part of RF requirements for Multicarrier ar  | Rel-9   | G1             | No      | RInImp9-Rfmulti-GER | 21/11/2008 | 20/11/2009 | 15%        | 45.005, 51.021       | <a href="#">GP-081945</a>      | Ericsson           |             |     |     |
| 121 | 420010    | <b>Extended UMTS/LTE 800 MHz</b>                   | Rel-9   | R4             | No      | RInImp9-UMTSLTE8    | 07/05/2008 | 29/05/2009 | 60%        | 25.101, 25.104, 25.1 | <a href="#">RP-080884</a>      | NTT DoCoMo         |             |     |     |
| 122 | 430009    | <b>UMTS/LTE 800 MHz for Europe</b>                 | Rel-9   | R4             | No      | RInImp9-UMTSLTE8    | 06/03/2009 | 04/12/2009 | 0%         | TR xx.yyy (800MHz    | <a href="#">RP-090156</a>      | Ericsson           |             |     |     |
| 123 | 430010    | <b>Performance requirement for LCR TDD wi</b>      | Rel-9   | R4             | No      | RInImp9-LCRTDD35    | 06/03/2009 | 04/12/2009 | 0%         | 25.102, 25.105, 25.1 | <a href="#">RP-090258</a>      | CATT               |             |     |     |
| 124 | 430013    | <b>Rel-9 RAN improvements</b>                      | Rel-9   | RP             | No      | RANimp              | 06/03/2009 | 04/12/2009 | 0%         |                      | <a href="#">not applicable</a> |                    |             |     |     |
| 125 | 430014    | <b>Dual-Cell HSUPA</b>                             | Rel-9   | R1             | No      | RANimp-DC_HSUPA     | 06/03/2009 | 04/12/2009 | 0%         | 25.211, 25.212, 25.2 | <a href="#">RP-090014</a>      | a Siemens Networks |             |     |     |
| 126 | 430015    | <b>Support for different bands for Dual-Cell F</b> | Rel-9   | R4             | No      | RANimp-MultiBand_L  | 06/03/2009 | 04/12/2009 | 0%         | 25.101, 25.104, 25.1 | <a href="#">RP-090015</a>      | a Siemens Networks |             |     |     |
| 127 | 430016    | <b>Combination of DC-HSDPA with MIMO</b>           | Rel-9   | R1             | No      | RANimp-DC_MIMO      | 06/03/2009 | 04/12/2009 | 0%         | 25.101, 25.104, 25.2 | <a href="#">RP-090332</a>      | Ericsson           |             |     |     |
| 128 | 430017    | <b>UTRAN 2 ms TTI uplink range improvemei</b>      | Rel-9   | R1             | No      | RANimp-2mTTI_ULin   | 06/03/2009 | 04/12/2009 | 0%         | 25.212, 25.214, 25.3 | <a href="#">RP-090333</a>      | a Siemens Networks |             |     |     |
| 129 | 430018    | <b>TxAA extension for non-MIMO UEs</b>             | Rel-9   | R1             | No      | RANimp-TxAA_nonM    | 06/03/2009 | 04/12/2009 | 0%         | 25.211, 25.212, 25.2 | <a href="#">RP-090013</a>      | Nokia              |             |     |     |
| 130 | 420007    | <b>LTE improvements</b>                            | Rel-9   | RP             | No      | LTEimp              | 06/03/2009 | 05/03/2010 | 0%         |                      | <a href="#">not applicable</a> |                    |             |     |     |
| 131 | 430019    | <b>LTE Pico NodeB RF Requirements</b>              | Rel-9   | R4             | No      | LTEimp-Pico_eNB-Rf  | 06/03/2009 | 05/03/2010 | 0%         | 36.8xy (RF requirem  | <a href="#">RP-090096</a>      | Huawei             |             |     |     |
| 132 | 430029    | <b>Enhanced Dual-Layer transmission for LT</b>     | Rel-9   | R1             | No      | LTEimp-eDL          | 06/03/2009 | 04/12/2009 | 0%         | 36.101, 36.104, 36.1 | <a href="#">RP-090359</a>      | China Mobile       |             |     |     |

| ID  | Jnique_IC | Name   | Release | Resource Names | Modific | Acronym            | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                      | WI rapporteur name   | Nov | Qtr 1, 2009 | Jan | Mar |
|-----|-----------|--|---------|----------------|---------|--------------------|------------|------------|------------|----------------------|--------------------------------|----------------------|-----|-------------|-----|-----|
| 133 | 420011    | <b>Self-Organizing Networks (SON)</b>                        | Rel-9   | R3             | No      | SON                | 06/03/2009 | 04/12/2009 | 0%         |                      | <a href="#">RP-090162</a>      | Siemens Networks     |     |             |     |     |
| 134 | 430008    | <b>SON</b>   | Rel-9   | R3             | No      | SON                | 06/03/2009 | 04/12/2009 | 0%         | TR 36.9xx (Self-Org  | <a href="#">RP-090162</a>      | Siemens Networks     |     |             |     |     |
| 135 | 420002    | <b>Voice services over Adaptive Multi-user</b>               | Rel-9   | GP             | No      | VAMOS              | 21/11/2008 | 20/11/2009 | 18%        |                      | <a href="#">GP-081949</a>      | orks, China Mobile   |     |             |     |     |
| 136 | 420003    | <b>VAMOS Stage 2</b>   | Rel-9   | GP             | No      | VAMOS              | 21/11/2008 | 15/05/2009 | 50%        | 45.001 (Overview of  | <a href="#">GP-081964</a>      | works, China Mobile  |     |             |     |     |
| 137 | 420004    | <b>VAMOS Stage 3</b>   | Rel-9   | GP             | No      | VAMOS              | 21/11/2008 | 25/09/2009 | 20%        | 24.008, 44.018, 45.0 | <a href="#">GP-081965</a>      | works, China Mobile  |     |             |     |     |
| 138 | 420005    | <b>VAMOS Radio Performance Requirements</b>                  | Rel-9   | GP             | No      | VAMOS              | 21/11/2008 | 20/11/2009 | 0%         | 45.005 (Test Scenar  | <a href="#">GP-081966</a>      | works, China Mobile  |     |             |     |     |
| 139 | 430001    | <b>Local Call Local Switch</b>                               | Rel-9   | GP             | No      | LCLS               | 20/02/2009 | 20/11/2009 | 0%         | 48.008 (MSC-BSS ir   | <a href="#">GP-090457</a>      | Huawei               |     |             |     |     |
| 140 | 420099    | <b>(Small) Technical Enhancements and Im</b>                 | Rel-9   | All            | No      | TEI9               | 12/09/2008 | 12/03/2010 | 0%         |                      | <a href="#">not applicable</a> | ALL                  |     |             |     |     |
| 141 | 390040    | <i>Deleted - SAES Enhancements (non RAN aspects)</i>         | Rel-9   | S2             | No      | SAES_Ph2           | 25/06/2007 | 08/12/2008 | 100%       |                      |                                | Siemens Networks     |     |             |     |     |
| 142 | 350028    | <i>Deleted - Functions and procedures for SAE to support</i> | Rel-9   | S2             | No      | SAES_Ph2           | 25/06/2007 | 08/12/2008 | 100%       |                      |                                |                      |     |             |     |     |
| 143 | 390041    | <i>Deleted - CS over EPS</i>                                 | Rel-9   | S2             | No      | SAES_Ph2           | 12/03/2008 | 08/12/2008 | 100%       |                      |                                |                      |     |             |     |     |
| 144 | 390042    | <i>Deleted - SAE for generic support for non-3GPP access</i> | Rel-9   | S2             | No      | SAES_Ph2           | 25/06/2007 | 09/06/2008 | 100%       |                      |                                |                      |     |             |     |     |
| 145 | 390043    | <i>Deleted - Single Radio Aspects of SAE for Optimiz</i>     | Rel-9   | S2             | No      | SAES_Ph2           | 25/06/2007 | 09/06/2008 | 100%       |                      |                                |                      |     |             |     |     |
| 146 | 380071    | <i>Deleted - Harmonization of Gq/Rx for Common IMS</i>       | Rel-9   | S2             | No      | IMS_Comm_GqRx_f    | 14/01/2008 | 12/03/2009 | 100%       | 23.822, 23.203       | <a href="#">SP-070822</a>      | Alcatel-Lucent       |     |             |     |     |
| 147 | 380081    | <i>Deleted - Support of WiMAX - LTE Mobility</i>             | Rel-9   | R2             | No      | WiMAX_LTE_Mobility | 06/06/2008 | 25/12/2009 | 100%       | 36.306, 36.331, 36.4 | <a href="#">RP-070511</a>      | Samsung              |     |             |     |     |
| 148 | 380082    | <i>Deleted - Support of WiMAX - UMTS Mobility</i>            | Rel-9   | R2             | No      | WiMAX_UMTS_Mobi    | 06/06/2008 | 25/12/2009 | 100%       | 25.306, 25.331, 25.4 | <a href="#">RP-070511</a>      | Intel                |     |             |     |     |
| 149 | 0         | <b>Release 9 Feasibility Studies</b>                         | Rel-9   | iP,RP,SP       | No      |                    | 01/01/2000 | 01/01/2000 | 0%         |                      |                                |                      |     |             |     |     |
| 150 | 370045    | <b>Study on enhanced voice service require</b>               | Rel-9   | S1,S4          | No      | FS_EV_EPS          | 03/09/2007 | 04/06/2009 | 57%        |                      | <a href="#">SP-070698</a>      | Orange               |     |             |     |     |
| 151 | 370047    | <b>Use cases definition and service and syst</b>             | Rel-9   | S1             | No      | FS_EV_EPS-S1       | 03/09/2007 | 11/12/2008 | 100%       | 22.813               | <a href="#">SP-070698</a>      | Orange               |     |             |     |     |
| 152 | 370048    | <b>Codec specific part of FSEV_EPS</b>                       | Rel-9   | S4             | No      | FS_EV_EPS-S4       | 03/09/2007 | 04/06/2009 | 25%        |                      | <a href="#">SP-070698</a>      | Orange               |     |             |     |     |
| 153 | 380083    | <b>Study on advanced requirements for IP i</b>               | Rel-9   | S1             | No      | FS_IPXS            | 04/12/2007 | 10/12/2009 | 50%        | 22.893               | <a href="#">SP-070878</a>      | Telefonica O2        |     |             |     |     |
| 154 | 400036    | <b>Study on Service Specific Access Contr</b>                | Rel-9   | S1             | No      | FS_SSAC            | 05/06/2008 | 11/12/2008 | 100%       | 22.986               | <a href="#">SP-080319</a>      | NTT DoCoMo           |     |             |     |     |
| 155 | 400037    | <b>Study on Unauthenticated PS Emergenc</b>                  | Rel-9   | S1             | No      | FS_UAPSEC          | 05/06/2008 | 10/12/2009 | 20%        | 22.984               | <a href="#">SP-080320</a>      | Siemens Networks     |     |             |     |     |
| 156 | 410039    | <b>Study on Personal Broadcast Service</b>                   | Rel-9   | S1             | No      | FS_PBS             | 18/09/2008 | 10/12/2009 | 60%        | 22.947               | <a href="#">SP-080504</a>      | ETRI                 |     |             |     |     |
| 157 | 410040    | <b>Study on LCS support in SAE for non-3G</b>                | Rel-9   | S1             | No      | FS_LCS_n3GPP       | 18/09/2008 | 10/12/2009 | 35%        | 22.913               | <a href="#">SP-080648</a>      | SK Telecom           |     |             |     |     |
| 158 | 350052    | <b>Study on CS Domain Services over EPS</b>                  | Rel-9   | S2             | No      | FS_CSoPS           | 25/04/2007 | 12/03/2009 | 100%       | 23.879               | <a href="#">SP-080800</a>      | T-Mobile             |     |             |     |     |
| 159 | 370043    | <b>Study on Extended Support of IMS Emer</b>                 | Rel-9   | S2             | No      | FS_IMS-eCall       | 24/09/2007 | 11/12/2008 | 100%       | 23.868               | <a href="#">SP-070547</a>      | Qualcomm             |     |             |     |     |
| 160 | 370050    | <b>Study on System enhancements for the i</b>                | Rel-9   | S2             | No      | FS_IMS_LBO_ORM     | 01/10/2007 | 11/09/2009 | 60%        | 23.894               | <a href="#">SP-080556</a>      | Telecom Italia, BT   |     |             |     |     |
| 161 | 390055    | <b>Study on Intra Domain Connection of RA</b>                | Rel-9   | S2             | No      | FS_IDC             | 12/03/2008 | 04/06/2009 | 50%        | 23.823               | <a href="#">SP-080094</a>      | China Mobile         |     |             |     |     |
| 162 | 410041    | <b>Study on IMS Evolution</b>                                | Rel-9   | S2             | No      | FS_eIMS            | 18/09/2008 | 11/09/2009 | 15%        | 23.812               | <a href="#">SP-080558</a>      | China Mobile         |     |             |     |     |
| 163 | 410042    | <b>Study on enhancements to IMS border fu</b>                | Rel-9   | S2             | No      | FS_eIMS_IBCF       | 18/09/2008 | 04/06/2009 | 15%        | 23.848               | <a href="#">SP-080559</a>      | Starent Networks     |     |             |     |     |
| 164 | 410043    | <b>Study on Multi Access PDN connectivity</b>                | Rel-9   | S2,S1          | No      | FS_MAPIM           | 18/09/2008 | 04/06/2009 | 60%        | 23.861               | <a href="#">SP-080560</a>      | Qualcomm             |     |             |     |     |
| 165 | 320031    | <b>Study on Service Continuity for Emerger</b>               | Rel-9   | S2             | No      | FS_VCCEm           | 08/06/2006 | 12/03/2009 | 100%       | 23.826               | <a href="#">SP-080555</a>      | Nortel               |     |             |     |     |
| 166 | 320026    | <b>Study on Protection against SMS and MI</b>                | Rel-9   | S3             | No      | FS_CPSMal          | 08/06/2006 | 10/12/2009 | 30%        | 33.9xx               | <a href="#">SP-060446</a>      | Orange               |     |             |     |     |
| 167 | 370053    | <b>Study on Remote management of USIM :</b>                  | Rel-9   | S3             | No      | FS_UM2M            | 20/07/2005 | 11/09/2009 | 60%        | 33.812               | <a href="#">SP-070702</a>      | Ericsson             |     |             |     |     |
| 168 | 380084    | <b>Study on UTRAN key management enhai</b>                   | Rel-9   | S3             | No      | FS_UKM             | 20/12/2007 | 04/06/2009 | 20%        | 33.8xy               | <a href="#">SP-070782</a>      | Ericsson             |     |             |     |     |
| 169 | 430040    | <b>Study on Surround Sound codec extensi</b>                 | Rel-9   | S4             | No      | FS_SS_PSS_MBMS     | 12/03/2009 | 11/09/2009 | 0%         | 26.9xx (Study on Su  | <a href="#">SP-090019</a>      | inhofer Gesellschaft |     |             |     |     |
| 170 | 360006    | <b>Study on System Maintenance over Itf-N</b>                | Rel-9   | S5             | No      | FS_OAM-Maint-Itf-N | 07/06/2007 | 10/12/2009 | 75%        | 32.822               | <a href="#">SP-070306</a>      | ZTE                  |     |             |     |     |
| 171 | 360007    | <b>Study on Self-Organizing Networks (SON</b>                | Rel-9   | S5             | No      | FS_OAM-SON-HNB     | 07/06/2007 | 10/12/2009 | 70%        | 32.821               | <a href="#">SP-080461</a>      | Huawei               |     |             |     |     |
| 172 | 390017    | <b>Study on Self-healing of Self-Organizing</b>              | Rel-9   | S5             | No      | FS_OAM-SON-SH      | 22/02/2008 | 10/12/2009 | 45%        | 32.823               | <a href="#">SP-080076</a>      | ZTE                  |     |             |     |     |
| 173 | 400029    | <b>Study on Service Oriented Architecture (</b>              | Rel-9   | S5             | No      | FS_OAM_SOA_IRP     | 05/06/2008 | 10/12/2009 | 85%        | 32.824               | <a href="#">SP-080281</a>      | Ericsson             |     |             |     |     |
| 174 | 410044    | <b>Study on Rc Reference Point Functionali</b>               | Rel-9   | S5             | No      | FS_OAM_Rc          | 18/09/2008 | 10/12/2009 | 30%        | 32.825               | <a href="#">SP-080464</a>      | Huawei               |     |             |     |     |
| 175 | 430044    | <b>Study on Telecommunication Managemen</b>                  | Rel-9   | S5             | No      | FS_OAM_ESM         | 12/03/2009 | 10/12/2009 | 0%         | 32.8xy (Study on En  | <a href="#">SP-090048</a>      | Orange, Vodafone     |     |             |     |     |
| 176 | 380079    | <b>Study on Evaluation of the inclusion of F</b>             | Rel-9   | R4             | No      | FS_RAN-Pathloss    | 17/12/2007 | 29/05/2009 | 75%        | 25.9xx               | <a href="#">RP-071050</a>      | Polaris Wireless     |     |             |     |     |

| ID  | Jnique_IC | Name  | Release | Resource Names | Modifie | Acronym            | Start      | Finish     | % Complete | Impacted TSs and TRs  | Hyperlink                 | WI rapporteur name | Qtr 1, 2009 |     |     |
|-----|-----------|---|---------|----------------|---------|--------------------|------------|------------|------------|-----------------------|---------------------------|--------------------|-------------|-----|-----|
|     |           |   |         |                |         |                    |            |            |            |                       |                           |                    | Nov         | Jan | Mar |
| 177 | 390031    | <a href="#">Study on LTE-Advanced</a>                     | Rel-9   | R1             | No      | FS_RAN_LTEA        | 13/06/2008 | 11/09/2009 | 40%        | 36.913, 36.814        | <a href="#">RP-080599</a> | NTT DoCoMo         |             |     |     |
| 178 | 410016    | <a href="#">Study on 1.28 Mcps TDD Home NodeB</a>         | Rel-9   | R4             | No      | FS_RAN-HNBLCRTC    | 20/02/2008 | 29/05/2009 | 40%        | 25.866                | <a href="#">RP-080767</a> | TD Tech            |             |     |     |
| 179 | 420012    | <a href="#">Study on E-UTRAN Mobility Evaluation a</a>    | Rel-9   | R1             | No      | FS_EUTRAN_mob      | 05/12/2008 | 29/05/2009 | 30%        | TR (E-UTRAN hand      | <a href="#">RP-081137</a> | Qualcomm           |             |     |     |
| 180 | 430020    | <a href="#">Study on Measurement of Radiated Perf</a>     | Rel-9   | R4             | No      | FS_HSPA_LTE_mea    | 06/03/2009 | 10/12/2009 | 0%         | New TR (25/36) on I   | <a href="#">RP-090352</a> | Vodafone           |             |     |     |
| 181 | 430021    | <a href="#">Study on Minimization of drive-tests in N</a> | Rel-9   | R2             | No      | FS_NGN_min_drive-I | 06/03/2009 | 11/09/2009 | 0%         | TR on UE measurer     | <a href="#">RP-090341</a> | Qualcomm           |             |     |     |
| 182 | 430027    | <a href="#">Study on Enhanced Interference Manage</a>     | Rel-9   | R4             | No      | FS_elinterMgmt_HN  | 06/03/2009 | 10/12/2009 | 0%         | none identified in WI | <a href="#">RP-090361</a> | Qualcomm           |             |     |     |
| 183 | 0         | <b>Release 8 Features</b>                                 | Rel-8   | iP,RP,SP       | No      |                    | 03/01/2000 | 03/01/2000 | 0%         |                       |                           |                    |             |     |     |
| 184 | 320005    | <b>3GPP System Architecture Evolution Sp</b>              | Rel-8   | C3,C4,C6       | No      | SAES               | 12/04/2006 | 18/09/2009 | 99%        |                       | <a href="#">SP-080132</a> | T-Mobile           |             |     |     |
| 185 | 320022    | <b>Requirements for evolution of the 3GPP s</b>           | Rel-8   | S1             | No      | AIPN-SAE           | 08/06/2006 | 12/12/2007 | 100%       | 22.278, 22.011, 22.2  | <a href="#">SP-080132</a> | T-Mobile           |             |     |     |
| 186 | 370005    | <b>High level and common (for all access)</b>             | Rel-8   | C1,C3,C4       | No      | EPS-ComF           | 02/01/2007 | 29/05/2009 | 99%        |                       | <a href="#">SP-080132</a> | Siemens Networks   |             |     |     |
| 187 | 350024    | Stage 2 for High level functions                          | Rel-8   | S2             | No      | SAES-SA-HLF        | 02/01/2007 | 02/06/2008 | 100%       | 23.402                | <a href="#">SP-080132</a> | Motorola           |             |     |     |
| 188 | 390044    | Stage 2 Security Architecture                             | Rel-8   | S3             | No      | SAES               | 12/03/2008 | 11/12/2008 | 100%       | 33.401, 33.210, 33.3  | <a href="#">SP-080132</a> | a Siemens Networks |             |     |     |
| 189 | 340051    | Stage 3 (CT1) for SAE impact on services, network         | Rel-8   | C1             | No      | SAES               | 05/02/2007 | 06/03/2009 | 100%       | 24.229, 24.305, 27.0  | <a href="#">CP-080493</a> | a Siemens Networks |             |     |     |
| 190 | 340054    | Stage 3 SAE impact on existing capabilities               | Rel-8   | C3             | No      | SAES               | 05/02/2007 | 05/12/2008 | 100%       | 29.061                | <a href="#">CP-080772</a> | Huawei             |             |     |     |
| 191 | 340062    | Stage 3 (CT4) of SAE impact on existing capabilities      | Rel-8   | C4             | No      | SAES               | 05/02/2007 | 06/03/2009 | 100%       | 29.274, 29.275        | <a href="#">CP-090247</a> | Huawei             |             |     |     |
| 192 | 340049    | Stage 2/3 for Network selection procedures                | Rel-8   | C1             | No      | SAES               | 05/02/2007 | 05/12/2008 | 100%       | 23.122, 24.302        | <a href="#">CP-080493</a> | a Siemens Networks |             |     |     |
| 193 | 340023    | Stage 3 EPC interworking with external PDNs (SC           | Rel-8   | C3             | No      | SAES-St3-intwk     | 05/02/2007 | 29/05/2009 | 98%        | 29.061                | <a href="#">CP-080772</a> | Huawei             |             |     |     |
| 194 | 340022    | Stage 3 PCC within SAE                                    | Rel-8   | C3             | No      | SAES-St3-PCC       | 05/02/2007 | 29/05/2009 | 94%        | 29.212, 29.213, 29.2  | <a href="#">CP-080576</a> | Ericsson           |             |     |     |
| 195 | 340028    | Stage 3 for SAE / LTE identities                          | Rel-8   | C4             | No      | SAES               | 05/02/2007 | 06/03/2009 | 100%       | 23.003                | <a href="#">CP-090247</a> | Huawei             |             |     |     |
| 196 | 370017    | Unified guidelines for Diameter usage within 3GPP         | Rel-8   | C3             | No      | SAES-DIAM          | 21/09/2007 | 05/12/2008 | 100%       | 29.909                | <a href="#">CP-080055</a> | Huawei             |             |     |     |
| 197 | 350025    | <b>SAE for LTE access</b>                                 | Rel-8   | C1,C3,C4       | No      | SAES-LTE           | 02/01/2007 | 06/03/2009 | 100%       | 23.401, 23.060, 23.0  | <a href="#">SP-080132</a> | Motorola           |             |     |     |
| 198 | 340060    | CT4 Stage 3 for protocol between EPCs                     | Rel-8   | C4             | No      | SAES               | 05/02/2007 | 06/03/2009 | 100%       | 29.274, 29.275        | <a href="#">CP-090247</a> | Huawei             |             |     |     |
| 199 | 350042    | <b>SAES-SA-FP_LTE with GTP variant</b>                    | Rel-8   | S2,C4          | No      | SAES-SA-FP_LTE-G   | 02/01/2007 | 06/03/2009 | 100%       |                       | <a href="#">SP-080132</a> | Siemens Networks   |             |     |     |
| 200 | 370006    | Stage 2 for SAES-SA-FP_LTE with GTP vari                  | Rel-8   | S2             | No      | SAES-SA-FP_LTE-G   | 02/01/2007 | 05/06/2008 | 100%       | 23.401, 23.060, 23.0  | <a href="#">SP-080132</a> | a Siemens Networks |             |     |     |
| 201 | 340055    | CT4 Stage 3 for GTP v2 protocol                           | Rel-8   | C4             | No      | SAES               | 05/02/2007 | 06/03/2009 | 100%       | 29.274                | <a href="#">CP-090247</a> | Huawei             |             |     |     |
| 202 | 350043    | <b>SAES-SA-FP_LTE with PMIP variant</b>                   | Rel-8   | S2,C4          | No      | SAES-SA-FP_LTE-IE  | 02/01/2007 | 06/03/2009 | 100%       |                       | <a href="#">SP-080132</a> | Siemens Networks   |             |     |     |
| 203 | 370007    | Stage 2 for SAES-SA-FP_LTE with PMIP vari                 | Rel-8   | S2             | No      | SAES-SA-FP_LTE-IE  | 02/01/2007 | 05/06/2008 | 100%       |                       | <a href="#">SP-080132</a> | a Siemens Networks |             |     |     |
| 204 | 370018    | CT4 Stage 3 for PMIP protocol within EPC                  | Rel-8   | C4             | No      | SAES               | 05/02/2007 | 06/03/2009 | 100%       | 29.275, 29.282        | <a href="#">CP-090247</a> | Huawei             |             |     |     |
| 205 | 410004    | Mobile IPv4 (MIPv4) based Mobility protocols              | Rel-8   | C4             | No      | SAES               | 05/02/2007 | 05/12/2008 | 100%       | 29.279                | <a href="#">CP-090247</a> | Motorola           |             |     |     |
| 206 | 340020    | Stage 3 for UE NAS mobility procedures in idle and        | Rel-8   | C1             | No      | SAES               | 05/02/2007 | 06/03/2009 | 100%       | 24.007, 24.301        | <a href="#">CP-080493</a> | a Siemens Networks |             |     |     |
| 207 | 340050    | Stage 3 for Session management, bearer control and        | Rel-8   | C1             | No      | SAES               | 05/02/2007 | 06/03/2009 | 100%       | 24.007, 24.301        | <a href="#">CP-080493</a> | a Siemens Networks |             |     |     |
| 208 | 340053    | Stage 3 for security aspects of LTE Access                | Rel-8   | C1             | No      | SAES               | 05/02/2007 | 06/03/2009 | 100%       | 24.008, 24.301        | <a href="#">CP-080493</a> | a Siemens Networks |             |     |     |
| 209 | 340025    | Stage 3 for QoS mechanisms                                | Rel-8   | C3             | No      | SAES               | 05/02/2007 | 05/12/2008 | 100%       | 29.213                | <a href="#">CP-080576</a> | Ericsson           |             |     |     |
| 210 | 340026    | Stage 3 for EPC - HSS interface                           | Rel-8   | C4             | No      | SAES               | 05/02/2007 | 06/03/2009 | 100%       | 29.272                | <a href="#">CP-090247</a> | Huawei             |             |     |     |
| 211 | 350026    | <b>SAE for Interoperation between LTE and H</b>           | Rel-8   | S2,C1,C4       | No      | SAES-SA-FP_3GPP    | 05/02/2007 | 06/03/2009 | 100%       |                       | <a href="#">SP-080132</a> | Motorola           |             |     |     |
| 212 | 370008    | Stage 2 for Interoperation between LTE and 2G/3G          | Rel-8   | S2             | No      | EPSto2_3G          | 05/02/2007 | 18/09/2008 | 100%       | 23.401, 23.402        | <a href="#">SP-080132</a> | Motorola           |             |     |     |
| 213 | 380031    | Stage 3 for Inter-system mobility between E-UTRA          | Rel-8   | C1             | No      | SAES               | 05/02/2007 | 06/03/2009 | 100%       | 24.008, 24.301        | <a href="#">CP-080493</a> | a Siemens Networks |             |     |     |
| 214 | 340018    | Stage 2 GPRS enhancements for LTE access                  | Rel-8   | S2             | No      | SAES-GPRS_LTE      | 04/09/2007 | 18/09/2008 | 100%       | 23.401                | <a href="#">SP-080132</a> | Vodafone           |             |     |     |
| 215 | 390008    | Stage 2 GPRS for EPC (23.060, etc.)                       | Rel-8   | S2             | No      | SAES               | 14/01/2008 | 18/09/2008 | 100%       | 23.060                | <a href="#">SP-080132</a> | a Siemens Networks |             |     |     |
| 216 | 340056    | Stage 3 for EPC - GPRS                                    | Rel-8   | C4             | No      | SAES               | 05/02/2007 | 06/03/2009 | 100%       | 29.274, 29.275, 29.2  | <a href="#">CP-090247</a> | Huawei             |             |     |     |
| 217 | 380032    | Stage 3 for EPC to UTRAN                                  | Rel-8   | C4             | No      | SAES               | 05/02/2007 | 06/03/2009 | 100%       | 29.274, 29.275, 29.2  | <a href="#">CP-090247</a> | Huawei             |             |     |     |
| 218 | 380033    | Stage 3 for EPC to 3GPP2                                  | Rel-8   | C4             | No      | SAES               | 05/02/2007 | 06/03/2009 | 100%       | 29.277, 29.276        | <a href="#">CP-090247</a> | Huawei             |             |     |     |
| 219 | 370009    | Stage 2 for Interoperation between LTE and CDM            | Rel-8   | S2             | No      | EPStoC2k           | 18/06/2007 | 18/09/2008 | 100%       | 23.401, 23.402        | <a href="#">SP-080132</a> | Motorola, Vodafone |             |     |     |
| 220 | 360023    | Stage 3 for Inter-system mobility between E-UTRA          | Rel-8   | C1             | No      | SAES               | 05/02/2007 | 06/03/2009 | 100%       | 24.301, 24.302        | <a href="#">CP-080493</a> | a Siemens Networks |             |     |     |



| ID  | Jnique_IC | Name   | Release | Resource Names | Modifie | Acronym          | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                 | WI rapporteur name | Qtr 1, 2009 |     |     |
|-----|-----------|--|---------|----------------|---------|------------------|------------|------------|------------|----------------------|---------------------------|--------------------|-------------|-----|-----|
|     |           |  |         |                |         |                  |            |            |            |                      |                           |                    | Nov         | Jan | Mar |
| 221 | 340061    | Stage 3 for MME - SGSN "signalling free" protocol    | Rel-8   | C4             | No      | SAES             | 05/02/2007 | 06/03/2009 | 100%       | 29.272, 29.274       | <a href="#">CP-090247</a> | Huawei             |             |     |     |
| 222 | 350027    | <b>SAE for support for non-3GPP accesses</b>         | Rel-8   | S3,C1,C4       | No      | SAES-SA-FP_n3GPP | 02/01/2007 | 06/03/2009 | 100%       |                      | <a href="#">SP-080132</a> | Motorola           |             |     |     |
| 223 | 350044    | Stage 2 for Host-based Mobility aspects              | Rel-8   | S2             | No      | SAES-SA-FP_n3GPP | 02/01/2007 | 05/06/2008 | 100%       | 23.402               | <a href="#">SP-080132</a> | Motorola           |             |     |     |
| 224 | 350045    | Stage 2 for Network-based Mobility aspects           | Rel-8   | S2             | No      | SAES-SA-FP_n3GPP | 02/01/2007 | 18/09/2008 | 100%       | 23.402               | <a href="#">SP-080132</a> | Motorola           |             |     |     |
| 225 | 360022    | Stage 3 for Mobility management based on DSMIP       | Rel-8   | C1             | No      | SAES             | 05/02/2007 | 05/12/2008 | 100%       | 24.303               | <a href="#">CP-080493</a> | Siemens Networks   |             |     |     |
| 226 | 390009    | Stage 3 for Mobility management based on MIP v4      | Rel-8   | C1             | No      | SAES             | 05/02/2007 | 05/12/2008 | 100%       | 24.304               | <a href="#">CP-080493</a> | Siemens Networks   |             |     |     |
| 227 | 380030    | Stage 3 for Inter-system mobility between E-UTRA     | Rel-8   | C1             | No      | SAES             | 05/02/2007 | 06/03/2009 | 100%       | 24.008, 24.301       | <a href="#">CP-080493</a> | Siemens Networks   |             |     |     |
| 228 | 360019    | Stage 2 for Optimized Dual-Radio Handover with V     | Rel-8   | S2             | No      | SAES-SA-FP_n3GPP | 25/06/2007 | 05/06/2008 | 100%       | 23.402               | <a href="#">SP-080132</a> | Motorola           |             |     |     |
| 229 | 390045    | Stage 2 Security aspects for non-3GPP Access         | Rel-8   | S3             | No      | SAES             | 12/03/2008 | 11/12/2008 | 100%       | 33.402, 33.210, 33.2 | <a href="#">SP-080132</a> | Siemens Networks   |             |     |     |
| 230 | 370010    | Stage 3 security aspects for DSMIP v6 Access         | Rel-8   | C1             | No      | SAES             | 05/02/2007 | 05/12/2008 | 100%       | 24.303               | <a href="#">CP-080493</a> | Siemens Networks   |             |     |     |
| 231 | 390172    | Stage 3 security aspects for MIPv4 Access            | Rel-8   | C1             | No      | SAES             | 05/02/2007 | 05/12/2008 | 100%       | 24.304               | <a href="#">CP-080493</a> | Siemens Networks   |             |     |     |
| 232 | 360021    | Stage 3 for Access to the EPC via non-3GPP access    | Rel-8   | C1             | No      | SAES             | 05/02/2007 | 06/03/2009 | 100%       | 24.302, 24.312       | <a href="#">CP-080493</a> | Siemens Networks   |             |     |     |
| 233 | 370011    | Stage 3 for interfaces within EPC                    | Rel-8   | C4             | No      | SAES             | 19/09/2007 | 06/03/2009 | 100%       | 29.274, 29.281       | <a href="#">CP-090247</a> | Huawei             |             |     |     |
| 234 | 340057    | Stage 3 for Interfaces EPC - non-3GPP IP access      | Rel-8   | C4             | No      | SAES             | 05/02/2007 | 06/03/2009 | 100%       | 29.273, 29.275       | <a href="#">CP-090247</a> | Huawei             |             |     |     |
| 235 | 340058    | Stage 3 for AAA/HSS related                          | Rel-8   | C4             | No      | SAES             | 05/02/2007 | 05/12/2008 | 100%       | 29.273               | <a href="#">CP-090247</a> | Huawei             |             |     |     |
| 236 | 340059    | Stage 3 for EPC - AAA interface                      | Rel-8   | C4             | No      | SAES             | 05/02/2007 | 05/12/2008 | 100%       | 29.273               | <a href="#">CP-090247</a> | Huawei             |             |     |     |
| 237 | 360018    | Deleted (already covered) SAES-SA-FP_n3GPP C         | Rel-8   | S2             | No      | SAES-SA-FP_n3GPP | 25/06/2007 | 25/06/2007 | 100%       |                      |                           | Siemens Networks   |             |     |     |
| 238 | 350030    | <b>Single Radio Voice Call Continuity for 3G</b>     | Rel-8   | S2,C1,C4       | No      | SAES-SRVCC       | 02/01/2007 | 06/03/2009 | 100%       |                      | <a href="#">SP-070949</a> | Siemens Networks   |             |     |     |
| 239 | 350130    | Stage 2 for 2G/3G SRVCC                              | Rel-8   | S2             | No      | SAES-SRVCC       | 02/01/2007 | 18/09/2008 | 100%       | 23.216               | <a href="#">SP-070949</a> | Siemens Networks   |             |     |     |
| 240 | 410005    | Stage 3 for SRVCC in EPS                             | Rel-8   | C1             | No      | SAES-SRVCC       | 30/05/2008 | 06/03/2009 | 100%       | 23.009, 24.008, 24.2 | <a href="#">CP-080793</a> | Siemens Networks   |             |     |     |
| 241 | 410006    | MME to MSC interface for SRVCC                       | Rel-8   | C4             | No      | SAES-SRVCC       | 12/09/2008 | 06/03/2009 | 100%       | 29.274, 29.277, 23.0 | <a href="#">CP-080793</a> | Siemens Networks   |             |     |     |
| 242 | 360020    | <b>Voice Call Continuity for CDMA2000 1X</b>         | Rel-8   | S2             | No      | SAES-VCC_1X      | 25/06/2007 | 05/06/2008 | 100%       |                      | <a href="#">SP-080132</a> | Siemens Networks   |             |     |     |
| 243 | 350031    | <b>SAE impacts on IMS</b>                            | Rel-8   | S2             | No      | SAES-SA_IMS      | 02/01/2007 | 05/06/2008 | 100%       |                      | <a href="#">SP-080132</a> | Siemens Networks   |             |     |     |
| 244 | 390036    | <b>CS Fallback in EPS</b>                            | Rel-8   | S2,C1,C4       | No      | SAES-CSFB        | 12/03/2008 | 06/03/2009 | 100%       |                      | <a href="#">SP-080097</a> | T-Mobile, Vodafone |             |     |     |
| 245 | 400001    | Stage 2 for CS Fallback in EPS                       | Rel-8   | S2             | No      | SAES-CSFB        | 12/03/2008 | 05/06/2008 | 100%       | 23.272, 23.401       | <a href="#">SP-080097</a> | T-Mobile, Vodafone |             |     |     |
| 246 | 400102    | Stage 3 for CS Fallback in EPS                       | Rel-8   | C1             | No      | SAES-CSFB        | 30/05/2008 | 06/03/2009 | 100%       | 24.301, 24.801, 24.0 | <a href="#">CP-080791</a> | NEC                |             |     |     |
| 247 | 400003    | Stage 3 for CS Fallback in EPS                       | Rel-8   | C4             | No      | SAES-CSFB        | 30/05/2008 | 05/12/2008 | 100%       | 23.007, 23.008, 29.2 | <a href="#">CP-080791</a> | NEC                |             |     |     |
| 248 | 390039    | <b>System enhancements for the use of IMS</b>        | Rel-8   | S2             | No      | SAES-IMS_LBO     | 12/03/2008 | 05/06/2008 | 100%       | 23.228, 23.221, 23.2 | <a href="#">SP-080090</a> | Telecom Italia     |             |     |     |
| 249 | 390010    | <b>EPC Data Definitions</b>                          | Rel-8   | S5             | No      | EPC-OAM          | 07/01/2008 | 12/03/2009 | 100%       |                      | <a href="#">SP-070737</a> | Huawei             |             |     |     |
| 250 | 380037    | EPC Network Resource Model (NRM) Integration f       | Rel-8   | S5             | No      | EPC-OAM          | 07/01/2008 | 12/03/2009 | 100%       | 32.751, 32.752, 32.7 | <a href="#">SP-070737</a> | Huawei             |             |     |     |
| 251 | 390011    | Performance measurements for EPC                     | Rel-8   | S5             | No      | EPC-OAM          | 22/02/2008 | 12/03/2009 | 100%       | 32.426               | <a href="#">SP-080061</a> | China Mobile       |             |     |     |
| 252 | 380038    | <b>EPC Charging</b>                                  | Rel-8   | S5             | No      | EPC-CH           | 07/01/2008 | 12/03/2009 | 100%       | 32.240/296/251/252   | <a href="#">SP-070736</a> | Siemens Networks   |             |     |     |
| 253 | 390018    | <b>Issues for CT1 TR 24.801</b>                      | Rel-8   | C1             | No      | SAES             | 04/01/2007 | 05/12/2008 | 100%       | 24.801               | <a href="#">CP-080068</a> | Siemens Networks   |             |     |     |
| 254 | 390019    | <b>Issues for CT3 TR 29.804</b>                      | Rel-8   | C3             | No      | SAES             | 05/02/2007 | 12/09/2008 | 100%       | 29.804               | <a href="#">CP-080068</a> | Ericsson           |             |     |     |
| 255 | 390020    | Deleted - Issues for CT4 TR 29.803                   | Rel-8   | C4             | No      | SAES             | 04/01/2007 | 12/09/2008 | 100%       | 29.803               | <a href="#">CP-080068</a> | Huawei             |             |     |     |
| 256 | 400104    | <b>Domain Name System Procedures for Evolved</b>     | Rel-8   | C4             | No      | SAES-DEPS        | 30/05/2008 | 06/03/2009 | 100%       | 23.003, 29.303       | <a href="#">CP-080280</a> | TeliaSonera        |             |     |     |
| 257 | 410007    | <b>InterWorking Function (IWF) between MAF</b>       | Rel-8   | C4             | No      | SAES-MAP2Diam    | 12/09/2008 | 06/03/2009 | 100%       | 29.305               | <a href="#">CP-080644</a> | Huawei             |             |     |     |
| 258 | 390021    | <b>CT6 aspects of SAE</b>                            | Rel-8   | C6             | No      | SAES             | 07/03/2008 | 18/09/2009 | 43%        |                      | <a href="#">CP-080164</a> | Nokia              |             |     |     |
| 259 | 390121    | CT6 aspects of SAE                                   | Rel-8   | C6             | No      | SAES             | 07/03/2008 | 29/05/2009 | 85%        | 31.102, 31.111       | <a href="#">CP-080164</a> | Nokia              |             |     |     |
| 260 | 420018    | Test interworking of LTE Terminals with t            | Rel-8   | C6             | No      | SAES-USIM_LTE-Te | 05/12/2008 | 18/09/2009 | 0%         | 31.xyz (USIM applic  | <a href="#">CP-080899</a> | Compro             |             |     |     |
| 261 | 350029    | Deleted (covered by 380068): Functions and procedure | Rel-8   | S2             | No      | SAES-SA-FP_LCS   | 03/03/2008 | 03/03/2008 | 100%       |                      |                           | Siemens Networks   |             |     |     |
| 262 | 350032    | Deleted (covered by 380064): SAE aspects of Emerger  | Rel-8   | S2             | No      | SAES-SA-EmCall   | 03/03/2008 | 03/03/2008 | 100%       |                      |                           | Siemens Networks   |             |     |     |
| 263 | 340019    | Deleted - CT1 aspects of SAES                        | Rel-8   | CP,C1          | No      | SAES-Si3         | 04/09/2007 | 27/09/2007 | 100%       |                      | <a href="#">CP-060674</a> |                    |             |     |     |
| 264 | 350019    | Deleted - CT1 aspects of SAES                        | Rel-8   | C1             | No      | SAES-Si3         | 04/09/2007 | 04/09/2007 | 100%       |                      | <a href="#">CP-060674</a> |                    |             |     |     |

| ID  | Jnique_IC | Name   | Release | Resource Names | Modifie | Acronym          | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                 | WI rapporteur name | Qtr 1, 2009 |     |     |
|-----|-----------|--|---------|----------------|---------|------------------|------------|------------|------------|----------------------|---------------------------|--------------------|-------------|-----|-----|
|     |           |  |         |                |         |                  |            |            |            |                      |                           |                    | Nov         | Jan | Mar |
| 265 | 340052    | Deleted - Interoperability                             | Rel-8   | C1             | No      | SAES-St3-interop | 14/03/2008 | 14/03/2008 | 100%       |                      | <a href="#">CP-060674</a> |                    |             |     |     |
| 266 | 350020    | Deleted - CT3 aspects of SAES                          | Rel-8   | C3             | No      | SAES-St3         | 04/09/2007 | 04/09/2007 | 100%       |                      | <a href="#">CP-060675</a> |                    |             |     |     |
| 267 | 350021    | Deleted - CT4 aspects of SAES                          | Rel-8   | C4             | No      | SAES-St3         | 04/09/2007 | 04/09/2007 | 100%       | 29.803               | <a href="#">CP-060676</a> |                    |             |     |     |
| 268 | 340021    | Deleted - UE to EPC NAS signalling (incl. MBMS and Q   | Rel-8   | C1             | No      | SAES-St3-sig     | 14/03/2008 | 14/03/2008 | 100%       |                      | <a href="#">CP-060674</a> |                    |             |     |     |
| 269 | 340027    | Deleted - User and Control plane protocols             | Rel-8   | C4             | No      | SAES-St3-prot    | 21/09/2007 | 21/09/2007 | 100%       |                      | <a href="#">CP-060676</a> |                    |             |     |     |
| 270 | 340037    | Deleted - Architecture enhancements for non-3GPP ac    | Rel-8   | S2             | No      | SAES-non_3GPP    | 04/09/2007 | 04/09/2007 | 100%       | 23.402               | <a href="#">SP-060926</a> | Motorola           |             |     |     |
| 271 | 320030    | Deleted: Stage 2 of architecture for the 3GPP System A | Rel-8   | S2             | No      | SAES-St2         | 02/10/2007 | 02/10/2007 | 100%       | 23.002, 23.060, 23.1 | <a href="#">SP-060926</a> | Vodafone           |             |     |     |
| 272 | 350023    | Deleted - SA aspects of System Architecture Evolution  | Rel-8   | S2             | No      | SAES-SA          | 12/04/2006 | 02/10/2007 | 100%       |                      |                           |                    |             |     |     |
| 273 | 370025    | <b>IMS Centralized Service Control (ICSRA)</b>         | Rel-8   | C1,C3,C4       | No      | ICSRA            | 03/09/2007 | 06/03/2009 | 100%       |                      | <a href="#">SP-070924</a> | AT&T               |             |     |     |
| 274 | 380039    | <b>Stage 1 for ICSRA</b>                               | Rel-8   | S1             | No      | ICSRA            | 03/09/2007 | 12/03/2008 | 100%       | 22.101               | <a href="#">SP-070924</a> | AT&T               |             |     |     |
| 275 | 380040    | <b>Stage 2 for ICSRA</b>                               | Rel-8   | S2             | No      | ICSRA-St2        | 14/12/2007 | 05/06/2008 | 100%       | 23.292, 23.206       | <a href="#">SP-070924</a> | Alcatel-Lucent     |             |     |     |
| 276 | 400005    | <b>Stage 3 for ICSRA – Protocol, Addressing</b>        | Rel-8   | C1             | No      | ICSRA            | 30/05/2008 | 06/03/2009 | 100%       | 24.292, 24.229       | <a href="#">CP-080492</a> | Ericsson           |             |     |     |
| 277 | 400105    | Deleted - Stage 3 for ICSRA – I1 interface             | Rel-8   | C1             | No      | ICSRA            | 30/05/2008 | 12/09/2008 | 100%       | 24.293               | <a href="#">CP-080492</a> | Huawei             |             |     |     |
| 278 | 400006    | <b>Stage 3 for ICSRA – Protocol, Addressing</b>        | Rel-8   | C3             | No      | ICSRA            | 30/05/2008 | 06/03/2009 | 100%       | 29.292               | <a href="#">CP-080492</a> | Mavenir            |             |     |     |
| 279 | 400007    | <b>Stage 3 for ICSRA – Protocol, Addressing</b>        | Rel-8   | C4             | No      | ICSRA            | 30/05/2008 | 05/12/2008 | 100%       | 23.003, 29.232, 23.0 | <a href="#">CP-080492</a> | Ericsson           |             |     |     |
| 280 | 370059    | <b>IMS Multimedia Telephony and Supplem</b>            | Rel-8   | C1,C3,C4       | No      | IMSTSS           | 02/05/2007 | 12/03/2009 | 100%       |                      | <a href="#">SP-070924</a> |                    |             |     |     |
| 281 | 370060    | <b>General aspects of IMS Sup Services</b>             | Rel-8   | C1,C3,C4       | No      | IMSSS-Gal        | 03/09/2007 | 06/03/2009 | 100%       |                      | <a href="#">SP-070691</a> | Ericsson           |             |     |     |
| 282 | 370023    | Service and Capability for Core IMS - inclusion of "   | Rel-8   | S1             | No      | TISCAPR8         | 03/09/2007 | 14/12/2007 | 100%       | 22.228, 22.115, 22.1 | <a href="#">SP-070691</a> | Ericsson           |             |     |     |
| 283 | 380001    | Documentation of TISpan R1 and R2 in CT1               | Rel-8   | C1             | No      | REDOC_TIS-C1     | 28/11/2007 | 12/09/2008 | 100%       | 24.141, 24.147, 24.1 | <a href="#">CP-080213</a> | Siemens Networks   |             |     |     |
| 284 | 380002    | Documentation of TISpan R1 and R2 in CT3               | Rel-8   | C3             | No      | REDOC_TIS-C3     | 28/11/2007 | 06/03/2009 | 100%       | 29.162, 29.163, 29.1 | <a href="#">CP-080213</a> | Siemens Networks   |             |     |     |
| 285 | 380003    | Documentation of TISpan R1 and R2 in CT4               | Rel-8   | C4             | No      | REDOC_TIS-C4     | 28/11/2007 | 12/09/2008 | 100%       | 29.228, 29.229       | <a href="#">CP-080213</a> | Siemens Networks   |             |     |     |
| 286 | 370062    | <b>IMS Multimedia Telephony Service</b>                | Rel-8   | S1,S5          | No      | IMS-MMTel        | 10/09/2007 | 12/03/2009 | 100%       |                      | <a href="#">SP-070569</a> |                    |             |     |     |
| 287 | 370024    | Merging TISpan MMTel [requirements] for Comm           | Rel-8   | S1             | No      | TMMTEL           | 10/09/2007 | 07/12/2007 | 100%       | 22.173               | <a href="#">SP-070569</a> | Siemens Networks   |             |     |     |
| 288 | 380041    | Multimedia Telephony Service and Supplementary         | Rel-8   | S5             | No      | MMTel-CH         | 07/01/2008 | 12/03/2009 | 100%       | 32.275, 32.298/299   | <a href="#">SP-080848</a> | Alcatel-Lucent     |             |     |     |
| 289 | 380006    | <b>Call Completion on Busy Subscriber (CCE</b>         | Rel-8   | C1,C3          | No      | CCBS_CCNR        | 02/05/2007 | 06/03/2009 | 100%       |                      | <a href="#">CP-080215</a> | Deutsche Telekom   |             |     |     |
| 290 | 380007    | Stage 3 CCBS_CCNR                                      | Rel-8   | C1             | No      | CCBS_CCNR        | 02/05/2007 | 06/03/2009 | 100%       | 24.642, 24.229, 24.1 | <a href="#">CP-080215</a> | Deutsche Telekom   |             |     |     |
| 291 | 380008    | Stage 3 CCBS_CCNR                                      | Rel-8   | C3             | No      | CCBS_CCNR        | 02/05/2007 | 05/12/2008 | 100%       | 29.163               | <a href="#">CP-080215</a> | Deutsche Telekom   |             |     |     |
| 292 | 390058    | <b>Flexible Alerting</b>                               | Rel-8   | S1,C1          | No      | FA               | 30/01/2008 | 06/03/2009 | 100%       |                      | <a href="#">CP-080219</a> | Nortel             |             |     |     |
| 293 | 390059    | Stage 1 FA   | Rel-8   | S1             | No      | FA               | 30/01/2008 | 05/06/2008 | 100%       | 22.173               |                           | Telecom Italia     |             |     |     |
| 294 | 390015    | Stage 3 FA   | Rel-8   | C1             | No      | FA               | 30/01/2008 | 06/03/2009 | 100%       | 24.239, 24.173       | <a href="#">CP-080219</a> | Nortel             |             |     |     |
| 295 | 380009    | <b>Communication Wait on IMS</b>                       | Rel-8   | C1,C3          | No      | CW_IMS           | 30/11/2007 | 06/03/2009 | 100%       |                      | <a href="#">CP-080214</a> | Deutsche Telekom   |             |     |     |
| 296 | 380010    | Stage 3 CW-IMS   | Rel-8   | C1             | No      | CW_IMS           | 30/11/2007 | 06/03/2009 | 100%       | 24.615, 24.229, 24.1 | <a href="#">CP-080214</a> | Deutsche Telekom   |             |     |     |
| 297 | 380011    | Stage 3 CW-IMS   | Rel-8   | C3             | No      | CW_IMS           | 30/11/2007 | 05/12/2008 | 100%       | 29.163               | <a href="#">CP-080214</a> | Deutsche Telekom   |             |     |     |
| 298 | 380042    | <b>Advice of Charge (AoC) support in IMS Ch</b>        | Rel-8   | S5             | No      | IMSTSS           | 07/01/2008 | 12/03/2009 | 100%       | 32.280, 32.240/260/  | <a href="#">SP-070739</a> | Siemens Networks   |             |     |     |
| 299 | 370003    | <b>Add Interconnection Border Control Funci</b>        | Rel-8   | S5             | No      | IMSTSS           | 17/09/2007 | 12/03/2008 | 100%       | 32.260, 32.298       | <a href="#">SP-070621</a> | Alcatel-Lucent     |             |     |     |
| 300 | 390035    | <b>3GPP2 Input to Common IMS</b>                       | Rel-8   | C1,C3,C4       | No      | CIMS_3GPP2       | 07/03/2008 | 11/12/2008 | 100%       |                      | <a href="#">SP-080220</a> | Nortel             |             |     |     |
| 301 | 390050    | <b>Stage 1 CIMS_3GPP2 (SA1)</b>                        | Rel-8   | S1             | No      | CIMS_3GPP2       | 12/03/2008 | 05/06/2008 | 100%       | 22.228, 22.173, 22.1 | <a href="#">SP-080220</a> | Nortel             |             |     |     |
| 302 | 390051    | <b>Stage 2 CIMS_3GPP2 (SA2)</b>                        | Rel-8   | S2             | No      | IMS_Common       | 12/03/2008 | 05/06/2008 | 100%       | 23.002, 23.141, 23.2 | <a href="#">SP-080220</a> | Nortel             |             |     |     |
| 303 | 390052    | <b>Security CIMS_3GPP2 (SA3)</b>                       | Rel-8   | S3             | No      | IMS_Common       | 12/03/2008 | 11/12/2008 | 100%       | 33.141, 33.203, 33.2 | <a href="#">SP-080220</a> | Nortel             |             |     |     |
| 304 | 390013    | <b>Stage 3 CIMS_3GPP2 (CT1)</b>                        | Rel-8   | C1             | No      | REDOC_3GPP2      | 07/03/2008 | 05/12/2008 | 100%       | 23.218, 24.141, 24.1 | <a href="#">CP-080795</a> | Alcatel-Lucent     |             |     |     |
| 305 | 390026    | <b>Stage 3 CIMS_3GPP2 (CT3)</b>                        | Rel-8   | C3             | No      | REDOC_3GPP2      | 07/03/2008 | 05/12/2008 | 100%       | 29.163, 29.212, 29.2 | <a href="#">CP-080494</a> | Alcatel-Lucent     |             |     |     |
| 306 | 390027    | <b>Stage 3 CIMS_3GPP2 (CT4)</b>                        | Rel-8   | C4             | No      | REDOC_3GPP2      | 07/03/2008 | 11/12/2008 | 100%       | 29.228, 29.229, 29.3 | <a href="#">CP-080494</a> | Alcatel-Lucent     |             |     |     |
| 307 | 350005    | <b>IMS Enhancements for support of Packe</b>           | Rel-8   | C1,C3,C4       | No      | PktCbl           | 06/12/2006 | 30/05/2008 | 100%       |                      | <a href="#">SP-070105</a> | Cablelabs          |             |     |     |
| 308 | 350008    | <b>IMS Enhancements for Cable Client Types</b>         | Rel-8   | S2,C1          | No      | PktCbl-Deploy    | 05/02/2007 | 30/05/2008 | 100%       |                      | <a href="#">SP-070105</a> | Cablelabs          |             |     |     |

| ID  | Jnique_IC | Name  | Release | Resource Names | Modifie | Acronym         | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                 | WI rapporteur name | Qtr 1, 2009 |     |     |
|-----|-----------|---|---------|----------------|---------|-----------------|------------|------------|------------|----------------------|---------------------------|--------------------|-------------|-----|-----|
|     |           |   |         |                |         |                 |            |            |            |                      |                           |                    | Nov         | Jan | Mar |
| 309 | 350009    | Architecture aspects of PktCbl-Deploy       | Rel-8   | S2             | No      | PktCbl-Deploy   | 05/02/2007 | 06/12/2007 | 100%       | 23.228               | <a href="#">SP-070105</a> | Cablelabs          |             |     |     |
| 310 | 350010    | CT1 aspects of PktCbl-Deploy                | Rel-8   | C1             | No      | PktCbl-Deploy   | 26/03/2007 | 30/05/2008 | 100%       |                      | <a href="#">CP-070122</a> | Cablelabs          |             |     |     |
| 311 | 350011    | IMS Inter-working aspects in Support of C   | Rel-8   | S2,C1,C3       | No      | PktCbl-Intw     | 05/02/2007 | 15/03/2008 | 100%       |                      | <a href="#">SP-070107</a> | Cablelabs          |             |     |     |
| 312 | 350012    | Architecture PktCbl-Interwork               | Rel-8   | S2             | No      | PktCbl-Intw     | 05/02/2007 | 14/09/2007 | 100%       | 23.228               | <a href="#">SP-070107</a> | Cablelabs          |             |     |     |
| 313 | 350013    | CT1,CT3 PktCbl-Interwork                    | Rel-8   | C1,C3          | No      | PktCbl-Intw     | 26/03/2007 | 15/03/2008 | 100%       | 24.229               | <a href="#">CP-070575</a> | Cablelabs          |             |     |     |
| 314 | 340008    | IMS Enhancements for Security Requirem      | Rel-8   | C1,C3,C4       | No      | PktCbl-Sec      | 06/12/2006 | 30/05/2008 | 100%       |                      | <a href="#">SP-060933</a> | Cablelabs          |             |     |     |
| 315 | 350033    | SA3 Aspects of PktCbl-Sec                   | Rel-8   | S3             | No      | PktCbl-Sec      | 06/12/2006 | 12/03/2008 | 100%       | 33.203, 33.210, 33.2 | <a href="#">SP-060933</a> | Cablelabs          |             |     |     |
| 316 | 350006    | CT1 Aspects of PktCbl-Sec                   | Rel-8   | C1             | No      | PktCbl-Sec      | 26/03/2007 | 30/05/2008 | 100%       | 24.229               | <a href="#">CP-070124</a> | Cablelabs          |             |     |     |
| 317 | 380029    | CT3 Aspects of PktCbl-Sec                   | Rel-8   | C3             | No      | PktCbl-Intw     | 26/03/2007 | 30/11/2007 | 100%       | 29.163               | <a href="#">CP-070124</a> | Cablelabs          |             |     |     |
| 318 | 350007    | CT4 Aspects of PktCbl-Sec                   | Rel-8   | C4             | No      | PktCbl-Sec      | 26/03/2007 | 14/03/2008 | 100%       | 29.228, 29.229, 23.0 | <a href="#">CP-070124</a> | Cablelabs          |             |     |     |
| 319 | 360012    | IMS System enhancements for corporate       | Rel-8   | S1,C1,C4       | No      | IMS_Corp        | 22/06/2007 | 29/05/2009 | 93%        |                      | <a href="#">SP-080095</a> | Orange             |             |     |     |
| 320 | 390049    | SA1 aspects of IMS_Corp                     | Rel-8   | S1             | No      | IMS_Corp        | 12/03/2008 | 05/06/2008 | 100%       |                      | <a href="#">SP-080095</a> | Telecom Italia     |             |     |     |
| 321 | 360014    | SA2 aspects of IMS_Corp                     | Rel-8   | S2             | No      | IMS_Corp        | 22/06/2007 | 18/09/2008 | 100%       | 23.228               | <a href="#">SP-080095</a> | Orange             |             |     |     |
| 322 | 390022    | CT1 aspects of IMS_Corp                     | Rel-8   | C1             | No      | IMS_Corp        | 07/03/2008 | 29/05/2009 | 80%        | 24.229, 24.503       | <a href="#">CP-080220</a> | Alcatel-Lucent     |             |     |     |
| 323 | 390023    | CT4 aspects of IMS_Corp                     | Rel-8   | C4             | No      | IMS_Corp        | 26/02/2008 | 05/12/2008 | 100%       | 29.228, 29.229, 23.0 | <a href="#">CP-080220</a> | Alcatel-Lucent     |             |     |     |
| 324 | 380069    | Maintenance of TISPAN documentation         |         | C1,C3,C4       | No      | MAINTISP        | 02/07/2007 | 05/06/2008 | 100%       |                      | <a href="#">SP-080211</a> | Alcatel-Lucent     |             |     |     |
| 325 | 380004    | Maintenance of TISPAN R1                    | Rel-7   | C1,C3,C4       | No      | MAINT_R1        | 09/11/2007 | 07/03/2008 | 100%       | 24.404, 24.405, 24.4 | <a href="#">CP-080211</a> | Alcatel-Lucent     |             |     |     |
| 326 | 380005    | Maintenance of TISPAN R2                    | Rel-8   | C1,C3,C4       | No      | MAINT_R2        | 09/11/2007 | 07/03/2008 | 100%       | 24.406, 24.407, 24.4 | <a href="#">CP-080229</a> | Alcatel-Lucent     |             |     |     |
| 327 | 380043    | Documentation of TISPAN NGN R1 and R2       | Rel-8   | S2             | No      | IMS_Comm_Doc    | 14/01/2008 | 05/06/2008 | 100%       | 23.228, 23.204, 23.1 | <a href="#">SP-070823</a> | Siemens Networks   |             |     |     |
| 328 | 380072    | Maintenance of TISPAN release 1 common      | Rel-7   | S2,S1          | No      | IMS_Comm_Mtce7  | 02/07/2007 | 06/12/2007 | 100%       | 22.273, 22.401, 23.4 | <a href="#">SP-080501</a> | BT, Ericsson       |             |     |     |
| 329 | 380044    | Maintenance of TISPAN release 2 common      | Rel-8   | S2             | No      | IMS_Comm_Mtce8  | 02/07/2007 | 06/12/2007 | 100%       | 23.506, 23.507, 23.5 | <a href="#">SP-070916</a> | Telecom Italia     |             |     |     |
| 330 | 390056    | IMS Service Continuity                      | Rel-8   | S2,S1,C1       | No      | IMS-Cont        | 12/03/2008 | 29/05/2009 | 99%        |                      | <a href="#">SP-080092</a> | LG Electronics     |             |     |     |
| 331 | 390072    | Stage 1 IMS Service Continuity              | Rel-8   | S1             | No      | IMS-Cont        | 12/03/2008 | 05/06/2008 | 100%       |                      | <a href="#">SP-080092</a> | LG Electronics     |             |     |     |
| 332 | 390057    | Stage 2 IMS Service Continuity              | Rel-8   | S2             | No      | IMS-Cont        | 12/03/2008 | 05/06/2008 | 100%       | 23.237, 23.292       | <a href="#">SP-080092</a> | LG Electronics     |             |     |     |
| 333 | 400011    | Stage 3 IMS Service Continuity              | Rel-8   | C1             | No      | IMS-Cont        | 30/05/2008 | 29/05/2009 | 98%        | 24.237, 24.229, 24.2 | <a href="#">CP-080491</a> | Huawei             |             |     |     |
| 334 | 370078    | Security Enhancements for IMS               | Rel-8   | S3,C1,C4       | No      | IMS-Sec         | 19/09/2006 | 06/03/2009 | 100%       |                      | <a href="#">SP-070496</a> | Ericsson           |             |     |     |
| 335 | 360017    | Stage 2 for IMS-Sec                         | Rel-8   | S3             | No      | IMS-Sec         | 01/03/2007 | 11/12/2008 | 100%       | 33.203, 33.141, 33.5 | <a href="#">SP-070496</a> | Ericsson           |             |     |     |
| 336 | 390054    | CT1 part of Stage 3 for IMS-Sec             | Rel-8   | C1             | No      | IMS-Sec         | 19/09/2006 | 05/12/2008 | 100%       |                      |                           | Ericsson           |             |     |     |
| 337 | 390154    | CT4 part of Stage 3 for IMS-Sec             | Rel-8   | C4             | No      | IMS-Sec         | 07/06/2007 | 06/03/2009 | 100%       |                      |                           | Ericsson           |             |     |     |
| 338 | 380012    | CT1 part of NASS Bundled Authentication     | Rel-8   | C1             | No      | NBA             | 14/11/2007 | 06/03/2009 | 100%       | 24.229               | <a href="#">CP-070781</a> | Alcatel-Lucent     |             |     |     |
| 339 | 380013    | CT4 part of NASS Bundled Authentication     | Rel-8   | C4             | No      | NBA-CT4         | 14/11/2007 | 30/05/2008 | 100%       | 29.229, 29.228, 23.0 | <a href="#">CP-070781</a> | Alcatel-Lucent     |             |     |     |
| 340 | 34046     | IMS initiated and controlled PSS and MB     | Rel-8   | S4,S3          | No      | IMS_PSS_MBMS_US | 12/03/2008 | 12/03/2009 | 100%       | 26.237, 26.234, 26.5 | <a href="#">SP-080201</a> | FT, Ericsson       |             |     |     |
| 341 | 713024    | Multimedia interworking between IMS an      | Rel-8   | C3,C4          | No      | MIW-IMS         | 23/09/2005 | 05/12/2008 | 100%       |                      | <a href="#">CP-070729</a> | Vodafone           |             |     |     |
| 342 | 7013      | Note: Stages 1 and 2 defined in earlier Rel | Rel-8   | S2             | No      | MIW-IMS         | 23/09/2005 | 30/11/2005 | 100%       |                      |                           | Vodafone           |             |     |     |
| 343 | 7014      | Stage 3 of MW-IMS                           | Rel-8   | C3             | No      | MIW-IMS-St3     | 23/09/2005 | 30/11/2007 | 100%       | 29.863, 29.163       | <a href="#">CP-070096</a> | Vodafone           |             |     |     |
| 344 | 380021    | Stage 3 for MW-IMS, MONA extension          | Rel-8   | C3             | No      | MIW-IMS         | 05/11/2007 | 05/12/2008 | 100%       | 29.863, 29.163       | <a href="#">CP-070729</a> | Vodafone           |             |     |     |
| 345 | 380022    | Mn interface (MGCF – IM GW)                 | Rel-8   | C4             | No      | MIW-IMS         | 21/11/2007 | 05/12/2008 | 100%       | 29.332               | <a href="#">CP-070729</a> | Vodafone           |             |     |     |
| 346 | 360029    | IMS Stage 3 IETF Protocol Alignment         | Rel-8   | C1             | No      | IMSProtoc2      | 22/06/2007 | 06/03/2009 | 100%       | 23.218, 24.229, 24.5 | <a href="#">CP-080794</a> | Alcatel-Lucent     |             |     |     |
| 347 | 380014    | Interworking between User-to-User Sign      | Rel-8   | C1,C3          | No      | UUSIW           | 30/11/2007 | 12/03/2009 | 100%       |                      | <a href="#">CP-070782</a> | Huawei             |             |     |     |
| 348 | 380015    | Stage 3 MGCF UUSIW                          | Rel-8   | C1             | No      | UUSIW           | 30/11/2007 | 05/12/2008 | 100%       | 24.279, 24.229       | <a href="#">CP-070782</a> | Huawei             |             |     |     |
| 349 | 380016    | Stage 3 MGCF UUSIW                          | Rel-8   | C3             | No      | UUSIW           | 30/11/2007 | 12/03/2009 | 100%       | 29.163               | <a href="#">CP-070782</a> | Huawei             |             |     |     |
| 350 | 380018    | Support of Overlap signalling               | Rel-8   | C3,C1,C4       | No      | Overlap         | 30/11/2007 | 06/03/2009 | 100%       |                      | <a href="#">CP-070731</a> | Deutsche Telekom   |             |     |     |
| 351 | 380019    | Stage 3 Overlap (CT1)                       | Rel-8   | C1             | No      | Overlap         | 30/11/2007 | 06/03/2009 | 100%       | 24.229               | <a href="#">CP-070731</a> | Deutsche Telekom   |             |     |     |
| 352 | 380020    | Stage 3 Overlap (CT3)                       | Rel-8   | C3             | No      | Overlap         | 30/11/2007 | 06/03/2009 | 100%       | 29.163               | <a href="#">CP-070731</a> | Deutsche Telekom   |             |     |     |



| ID  | Jnique_IC     | Name   | Release | Resource Names  | Modifie   | Acronym          | Start             | Finish            | % Complete  | Impacted TSs and TRs | Hyperlink                 | WI rapporteur name    | Qtr 1, 2009 |     |     |
|-----|---------------|--|---------|-----------------|-----------|------------------|-------------------|-------------------|-------------|----------------------|---------------------------|-----------------------|-------------|-----|-----|
|     |               |  |         |                 |           |                  |                   |                   |             |                      |                           |                       | Nov         | Jan | Mar |
| 353 | 380120        | <b>Stage 3 Overlap (CT4)</b>                             | Rel-8   | C4              | No        | Overlap          | 30/11/2007        | 05/12/2008        | 100%        | 29.228, 29.229       | <a href="#">CP-070731</a> | Deutsche Telekom      |             |     |     |
| 354 | 380035        | <b>AS/MRFC Stage 2 and 3</b>                             | Rel-8   | C1              | No        | MRFC_TS          | 14/11/2007        | 05/12/2008        | 100%        | 23.218, 24.229, 24.1 | <a href="#">CP-070784</a> | HP                    |             |     |     |
| 355 | <b>400012</b> | <b>IMS Restoration Procedures</b>                        | Rel-8   | <b>C4,C1</b>    | <b>No</b> | <b>IMS_RP</b>    | <b>30/05/2008</b> | <b>06/03/2009</b> | <b>100%</b> |                      | <a href="#">CP-080447</a> | <b>Ericsson</b>       |             |     |     |
| 356 | 400026        | <b>IMS Restoration Procedures</b>                        | Rel-8   | C4              | No        | IMS_RP           | 30/05/2008        | 06/03/2009        | 100%        | 23.380, 29.228, 29.2 | <a href="#">CP-080447</a> | Ericsson              |             |     |     |
| 357 | 400027        | <b>IMS Restoration Procedures</b>                        | Rel-8   | C1              | No        | IMS_RP           | 30/05/2008        | 06/03/2009        | 100%        | 24.229               | <a href="#">CP-080447</a> | Ericsson              |             |     |     |
| 358 | 410003        | <b>IMS Application Server Service Data Des</b>           | Rel-8   | C4              | No        | IMS_ASIO         | 12/09/2008        | 06/03/2009        | 100%        | 29.328, 29.329, 29.3 | <a href="#">CP-080451</a> | Alcatel-Lucent        |             |     |     |
| 359 | <b>340030</b> | <b>I-WLAN Network Selection Principle (NSI</b>           | Rel-8   | <b>S1,C1,C6</b> | <b>No</b> | <b>IWLANNSP</b>  | <b>14/06/2007</b> | <b>06/02/2009</b> | <b>100%</b> |                      | <a href="#">SP-060932</a> | <b>Telefonica O2</b>  |             |     |     |
| 360 | 390024        | <b>Stage 1 for I-WLAN NSP</b>                            | Rel-8   | S1              | No        | IWLANNSP         | 14/06/2007        | 14/06/2007        | 100%        | 22.234               | <a href="#">SP-060932</a> | Telefonica O2         |             |     |     |
| 361 | 390025        | <b>Stage 3 for I-WLAN NSP</b>                            | Rel-8   | C1              | No        | IWLANNSP         | 07/03/2008        | 06/02/2009        | 100%        | 24.234               | <a href="#">CP-080217</a> | RIM                   |             |     |     |
| 362 | 390125        | <b>Stage 3 for I-WLAN NSP</b>                            | Rel-8   | C6              | No        | IWLANNSP         | 07/03/2008        | 11/12/2008        | 100%        | 31.102, 31.111       | <a href="#">CP-080217</a> | RIM                   |             |     |     |
| 363 | <b>370049</b> | <b>Mobility between 3GPP-WLAN Interwork</b>              | Rel-8   | <b>S2,C1</b>    | <b>No</b> | <b>IWLAN_Mob</b> | <b>14/09/2007</b> | <b>06/03/2009</b> | <b>100%</b> |                      | <a href="#">SP-070701</a> | <b>Orange</b>         |             |     |     |
| 364 | 380045        | <b>Stage 2: I-WLAN Mobility</b>                          | Rel-8   | S2              | No        | IWLAN_Mob        | 14/09/2007        | 05/06/2008        | 100%        | 23.327               | <a href="#">SP-070701</a> | Orange                |             |     |     |
| 365 | 400013        | <b>CT1 aspects of I-WLAN Mobility</b>                    | Rel-8   | C1              | No        | IWLAN_Mob        | 30/05/2008        | 06/03/2009        | 100%        | 24.327, 24.303       | <a href="#">CP-080320</a> | Orange                |             |     |     |
| 366 | <b>7042</b>   | <b>Enhancements for VGCS Applications (E</b>             | Rel-8   | <b>S1,C4,G2</b> | <b>No</b> | <b>EVA</b>       | <b>15/03/2006</b> | <b>29/05/2009</b> | <b>98%</b>  |                      | <a href="#">SP-070904</a> | <b>Nortel</b>         |             |     |     |
| 367 | 320021        | <b>SA1 aspects of EVA</b>                                | Rel-8   | S1              | No        | EVA-s1           | 15/03/2006        | 06/12/2006        | 100%        | 42.068               | <a href="#">SP-070904</a> | Nortel                |             |     |     |
| 368 | 370019        | <b>VGCS/VBS and GPRS Interactions</b>                    | Rel-8   | S1              | No        | EVA              | 03/09/2007        | 21/03/2008        | 100%        | 42.068, 42.069       | <a href="#">SP-070653</a> | Huawei                |             |     |     |
| 369 | 320019        | <b>CT1 aspects of EVA</b>                                | Rel-8   | C1              | No        | EVA              | 02/06/2006        | 29/05/2009        | 95%         | 43.068, 44.068       | <a href="#">CP-060260</a> | Nortel                |             |     |     |
| 370 | 320020        | <b>CT4 aspects of EVA</b>                                | Rel-8   | C4              | No        | EVA              | 02/06/2006        | 30/11/2007        | 100%        | 29.002               | <a href="#">CP-060260</a> | Nortel                |             |     |     |
| 371 | 52148         | <b>GERAN2 aspects of EVA</b>                             | Rel-8   | G2              | No        | EVA-EVGCSA       | 30/06/2006        | 22/02/2008        | 100%        | 44.018, 48.008       | <a href="#">GP-071855</a> | Nortel                |             |     |     |
| 372 | <b>31081</b>  | <b>Personal Network Management</b>                       | Rel-8   | <b>C1,C4,S3</b> | <b>No</b> | <b>PNM</b>       | <b>11/07/2005</b> | <b>06/03/2009</b> | <b>100%</b> |                      | <a href="#">SP-080327</a> | <b>Vodafone</b>       |             |     |     |
| 373 | 7012          | <b>Stage 1 for PNM</b>                                   | Rel-8   | S1              | No        | PNM              | 11/07/2005        | 31/07/2006        | 100%        | 22.259               | <a href="#">SP-080327</a> | Vodafone              |             |     |     |
| 374 | 350050        | <b>Stage 2 for PNM</b>                                   | Rel-8   | C1              | No        | PNM              | 26/03/2007        | 05/12/2008        | 100%        | 23.259               | <a href="#">CP-080065</a> | Vodafone              |             |     |     |
| 375 | <b>350041</b> | <b>Stage 3 for PNM</b>                                   | Rel-8   | <b>C1,C4</b>    | <b>No</b> | <b>PNM</b>       | <b>26/03/2007</b> | <b>06/03/2009</b> | <b>100%</b> |                      | <a href="#">CP-080065</a> | <b>Vodafone</b>       |             |     |     |
| 376 | 350001        | CT1 aspects of Stage 3 PNM                               | Rel-8   | C1              | No        | PNM              | 26/03/2007        | 06/03/2009        | 100%        | 24.259, 24.229       | <a href="#">CP-080065</a> | Vodafone              |             |     |     |
| 377 | 350002        | CT4 aspects of Stage 3 PNM                               | Rel-8   | C4              | No        | PNM              | 26/03/2007        | 05/12/2008        | 100%        | 23.008, 23.018, 29.0 | <a href="#">CP-080065</a> | Vodafone              |             |     |     |
| 378 | 340010        | <b>Key establishment between a UICC hostin</b>           | Rel-7   | S3              | No        | PNM              | 06/12/2006        | 30/10/2007        | 100%        | 33.259               | <a href="#">SP-060839</a> | Ericsson              |             |     |     |
| 379 | 350049        | <i>Deleted - Actual Requirements of PNM</i>              | Rel-8   | C1              | No        | PNM              | 26/03/2007        | 26/03/2007        | 100%        |                      |                           | Ericsson              |             |     |     |
| 380 | <b>330005</b> | <b>eCall Data Transfer</b>                               | Rel-8   | <b>S1,C1</b>    | <b>No</b> | <b>Edata</b>     | <b>28/09/2006</b> | <b>06/03/2009</b> | <b>100%</b> |                      | <a href="#">SP-060678</a> | <b>Airbiquity</b>     |             |     |     |
| 381 | 370081        | <b>eData Requirements</b>                                | Rel-8   | S1              | No        | Edata            | 28/09/2006        | 12/03/2008        | 100%        | 22.101, 22.105       | <a href="#">SP-060678</a> | Airbiquity            |             |     |     |
| 382 | 400014        | <b>Transfer of data during an emergency call</b>         | Rel-8   | C1              | No        | Edata            | 30/05/2008        | 06/03/2009        | 100%        | 24.008               | <a href="#">CP-080316</a> | T-Mobile              |             |     |     |
| 383 | 34042         | <b>eCall data transfer Phase 2: Comparison</b>           | Rel-8   | S4              | No        | eCall_Phase2     | 06/12/2007        | 11/06/2009        | 90%         | 26.967, 26.267, 26.2 | <a href="#">SP-070756</a> | Airbiquity            |             |     |     |
| 384 | <b>380060</b> | <b>IP Interconnection of Services</b>                    | Rel-8   | <b>S5,C3,C4</b> | <b>No</b> | <b>IPinterc</b>  | <b>16/08/2006</b> | <b>06/03/2009</b> | <b>100%</b> |                      | <a href="#">SP-080565</a> | <b>Telefonica O2</b>  |             |     |     |
| 385 | 380061        | <b>Stage 1 for IPinterc</b>                              | Rel-8   | S1              | No        | IPinterc         | 06/12/2007        | 12/03/2008        | 100%        | 22.101, 22.228       | <a href="#">SP-080565</a> | Telefonica O2         |             |     |     |
| 386 | <b>7005</b>   | <b>System enhancements for interconnector</b>            | Rel-8   | <b>S2,S5,C3</b> | <b>No</b> | <b>IMS_NNI</b>   | <b>16/08/2006</b> | <b>06/03/2009</b> | <b>100%</b> |                      | <a href="#">SP-080554</a> | <b>Telecom Italia</b> |             |     |     |
| 387 | 360024        | <b>Stage 2 for IMS_NNI</b>                               | Rel-8   | S2              | No        | IMS_NNI          | 22/06/2007        | 06/12/2007        | 100%        | 23.002, 23.228       | <a href="#">SP-080554</a> | Telecom Italia        |             |     |     |
| 388 | 360011        | <b>IMS inter-operator service interconnec</b>            | Rel-8   | C3              | No        | FB12-IOPSI       | 01/06/2007        | 06/03/2009        | 100%        | 29.865, 29.165       | <a href="#">CP-080578</a> | Telecom Italia        |             |     |     |
| 389 | 330011        | <b>Charging harmonization for NGN betw</b>               | Rel-8   | S5              | No        | FB12-TISP2-CH    | 28/09/2006        | 07/12/2006        | 100%        | 32.297               | <a href="#">SP-060545</a> | Amdocs                |             |     |     |
| 390 | 7007          | <i>Deleted - Protocol impact of FBI for TISPAN R2</i>    | Rel-8   | C1              | No        | FB12-TISP2-c1    | 16/08/2006        | 15/03/2007        | 100%        |                      |                           | Ericsson              |             |     |     |
| 391 | 7006          | <i>Deleted (never approved) - Stage 2 of FBI for TIS</i> | Rel-8   | S2              | No        | FB12-TISP2-s2    | 30/11/2007        | 30/11/2007        | 100%        |                      |                           | Siemens Networks      |             |     |     |
| 392 | <b>360025</b> | <b>Support of (G)MSC-S – (G)MSC-S Nc Inte</b>            | Rel-8   | <b>C4,C3</b>    | <b>No</b> | <b>SIP_Nc</b>    | <b>14/09/2007</b> | <b>06/03/2009</b> | <b>100%</b> |                      | <a href="#">CP-080282</a> | <b>Vodafone</b>       |             |     |     |
| 393 | 410002        | <b>Stage 1 for SIP_Nc (covered by Feature IP</b>         | Rel-8   | S1              | No        | IPinterc         | 06/12/2007        | 12/03/2008        | 100%        | 22.101, 22.228       | <a href="#">SP-070871</a> | Telefonica O2         |             |     |     |
| 394 | 360026        | <b>SIP-I based circuit-switched core network</b>         | Rel-8   | C4              | No        | SIP_Nc-St2       | 14/09/2007        | 05/12/2008        | 100%        | 23.231, 23.153, 23.2 | <a href="#">CP-080282</a> | Vodafone              |             |     |     |
| 395 | 360027        | <b>Application of SIP-I Protocols to Circuit S</b>       | Rel-8   | C4              | No        | SIP_Nc-St3       | 14/09/2007        | 05/12/2008        | 100%        | 29.231, 29.232, 29.3 | <a href="#">CP-080282</a> | Vodafone              |             |     |     |
| 396 | 360028        | <b>Interworking between the 3GPP CS domai</b>            | Rel-8   | C3              | No        | SIP_Nc           | 14/09/2007        | 06/03/2009        | 100%        | 29.235, 23.172, 23.2 | <a href="#">CP-080282</a> | Siemens Networks      |             |     |     |

| ID  | Jnique_IC | Name   | Release | Resource Names | Modifie | Acronym   | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                 | WI rapporteur name    | Qtr 1, 2009 |     |     |
|-----|-----------|--|---------|----------------|---------|-----------|------------|------------|------------|----------------------|---------------------------|-----------------------|-------------|-----|-----|
|     |           |  |         |                |         |           |            |            |            |                      |                           |                       | Nov         | Jan | Mar |
| 397 | 370051    | <b>Earthquake and Tsunami Warning System</b>                 | Rel-8   | S2,CP,G2       | No      | ETWS      | 10/09/2007 | 15/05/2009 | 90%        |                      | <a href="#">SP-070815</a> | NTT DoCoMo            |             |     |     |
| 398 | 370052    | <b>Stage 1 for ETWS</b>                                      | Rel-8   | S1             | No      | ETWS      | 10/09/2007 | 12/03/2008 | 100%       | 22.168               | <a href="#">SP-070815</a> | NTT DoCoMo            |             |     |     |
| 399 | 380056    | <b>SA2 aspects of ETWS</b>                                   | Rel-8   | S2             | No      | ETWS      | 14/01/2008 | 18/09/2008 | 100%       | 23.828, 23.401       | <a href="#">SP-070815</a> | NTT DoCoMo            |             |     |     |
| 400 | 400015    | <b>CT1 aspects of ETWS</b>                                   | Rel-8   | C1             | No      | ETWS      | 30/05/2008 | 05/12/2008 | 100%       | 23.041               | <a href="#">CP-080951</a> | NTT DoCoMo            |             |     |     |
| 401 | 410021    | <b>CT4 aspects of ETWS</b>                                   | Rel-8   | C4             | No      | ETWS      | 26/09/2008 | 05/12/2008 | 100%       | 29.168               | <a href="#">CP-080951</a> | NTT DoCoMo            |             |     |     |
| 402 | 430045    | <b>ETWS primary notification message definition</b>          | Rel-8   | G2             | No      | ETWS      | 12/03/2009 | 15/05/2009 | 0%         | 44.018, 44.060       | <a href="#">SP-090154</a> | Ericsson              |             |     |     |
| 403 | 380059    | <b>In Case of Emergency numbers storage</b>                  | Rel-8   | S1,C6          | No      | ICE       | 13/03/2007 | 06/03/2009 | 100%       |                      | <a href="#">SP-070944</a> | Vodafone              |             |     |     |
| 404 | 380159    | <b>Stage 1 for ICE</b>                                       | Rel-8   | S1             | No      | ICE       | 13/03/2007 | 12/03/2008 | 100%       | 22.030, 22.101       | <a href="#">SP-070944</a> | Vodafone              |             |     |     |
| 405 | 380259    | <b>CT6 aspects of ICE</b>                                    | Rel-8   | C6             | No      | ICE       | 13/03/2007 | 06/03/2009 | 100%       | 31.102               | <a href="#">SP-070944</a> | Vodafone              |             |     |     |
| 406 | 330006    | <b>Local Charging Zone Requirements</b>                      | Rel-8   | S1             | No      | LCZR      | 28/09/2006 | 12/03/2008 | 100%       | 22.115               | <a href="#">SP-060482</a> | China Mobile          |             |     |     |
| 407 | 340029    | <b>Customized Alerting Tone (CAT) Service</b>                | Rel-8   | C1,C3,C4       | No      | CAT       | 06/12/2006 | 29/05/2009 | 70%        |                      | <a href="#">SP-070122</a> | China Mobile          |             |     |     |
| 408 | 370028    | <b>Stage 1 for CAT</b>                                       | Rel-8   | S1             | No      | CAT       | 06/12/2006 | 20/09/2007 | 100%       | 22.182               | <a href="#">SP-070122</a> | China Mobile          |             |     |     |
| 409 | 370029    | <b>TISPN requirements for customized multi</b>               | Rel-8   | S1             | No      | TISPMI    | 03/09/2007 | 10/12/2007 | 100%       | 22.182               | <a href="#">SP-070880</a> | China Mobile          |             |     |     |
| 410 | 390014    | <b>IMS CAT Supplementary Service</b>                         | Rel-8   | C1             | No      | CAT-SS    | 21/04/2008 | 05/12/2008 | 100%       | 24.182               | <a href="#">CP-080496</a> | Nortel                |             |     |     |
| 411 | 390071    | <b>CAT solution for voice and video call in C</b>            | Rel-8   | C3             | No      | CAT-SS    | 12/03/2008 | 29/05/2009 | 10%        | 29.163               | <a href="#">CP-080496</a> | Nortel                |             |     |     |
| 412 | 410010    | <b>CAT Service in 3GPP CS domain</b>                         | Rel-8   | C4             | No      | CAT-3G_CS | 12/09/2008 | 06/03/2009 | 100%       | 23.205, 23.231, 29.0 | <a href="#">CP-080445</a> | China Mobile          |             |     |     |
| 413 | 410015    | <b>CAT Service in 3GPP CS domain</b>                         | Rel-8   | C1             | No      | CAT-3G_CS | 12/09/2008 | 05/12/2008 | 100%       | 24.008, 23.014       | <a href="#">CP-080445</a> | China Mobile          |             |     |     |
| 414 | 340031    | <b>Service-Level Interworking for Messagin</b>               | Rel-8   | S2,C3,C1       | No      | MESSIW    | 26/03/2007 | 06/03/2009 | 100%       |                      | <a href="#">SP-070816</a> | Huawei                |             |     |     |
| 415 | 350047    | <b>Stage 1 for MESSIW</b>                                    | Rel-8   | S1             | No      | MESSIW    | 26/03/2007 | 26/03/2007 | 100%       | 22.105, 22.340       | <a href="#">SP-070816</a> | Huawei                |             |     |     |
| 416 | 350048    | <b>Stage 2 for MESSIW</b>                                    | Rel-8   | S2             | No      | MESSIW    | 26/04/2007 | 07/03/2008 | 100%       | 23.811, 23.204       | <a href="#">SP-070816</a> | Huawei                |             |     |     |
| 417 | 400016    | <b>Stage 3 for MESSIW</b>                                    | Rel-8   | C3             | No      | MESSIW    | 30/05/2008 | 06/03/2009 | 100%       | 29.311               | <a href="#">CP-080773</a> | Huawei                |             |     |     |
| 418 | 400017    | <b>Stage 3 for MESSIW</b>                                    | Rel-8   | C1             | No      | MESSIW    | 30/05/2008 | 05/12/2008 | 100%       | 24.229               | <a href="#">CP-080773</a> | Huawei                |             |     |     |
| 419 | 340044    | <b>Multimedia Priority Service</b>                           | Rel-8   | C1,C3,C4       | No      | PRIOR     | 08/06/2006 | 29/05/2009 | 59%        |                      | <a href="#">SP-060780</a> | Telcordia             |             |     |     |
| 420 | 320023    | <b>Service Requirements for PRIOR</b>                        | Rel-8   | S1             | No      | PRIOR-EMR | 08/06/2006 | 06/12/2007 | 100%       | 22.153               | <a href="#">SP-060780</a> | Telcordia             |             |     |     |
| 421 | 340012    | <b>Stage 3 for PRIOR</b>                                     | Rel-8   | C1             | No      | PRIOR     | 01/12/2006 | 29/05/2009 | 50%        | 24.229               | <a href="#">CP-070576</a> | Alcatel-Lucent        |             |     |     |
| 422 | 370020    | <b>Stage 3 for PRIOR</b>                                     | Rel-8   | C3             | No      | PRIOR     | 21/09/2007 | 29/05/2009 | 0%         | 29.212, 29.213, 29.2 | <a href="#">CP-070576</a> | Alcatel-Lucent        |             |     |     |
| 423 | 370021    | <b>Stage 3 for PRIOR</b>                                     | Rel-8   | C4             | No      | PRIOR     | 21/09/2007 | 06/03/2009 | 100%       | 23.008, 29.228, 29.2 | <a href="#">CP-070576</a> | Alcatel-Lucent        |             |     |     |
| 424 | 360010    | <b>OSA Rel-8</b>   | Rel-8   | S1,C5          | No      | OSA8      | 23/08/2007 | 30/05/2008 | 100%       |                      | <a href="#">SP-070692</a> | Orange                |             |     |     |
| 425 | 360004    | <b>OSA Stage 1 - Service Requirements</b>                    | Rel-8   | S1             | No      | OSA8      | 23/08/2007 | 12/03/2008 | 100%       | 22.127               |                           | Orange, AEPONA        |             |     |     |
| 426 | 370034    | <b>OSA Stage 1 - NGN Service Requirement</b>                 | Rel-8   | S1             | No      | OSA8-IMS  | 03/09/2007 | 14/03/2008 | 100%       | 22.127               | <a href="#">SP-070692</a> | Orange                |             |     |     |
| 427 | 360005    | <b>OSA Stage 2/3 enhancements</b>                            | Rel-8   | C5             | No      | OSA8      | 25/10/2007 | 30/05/2008 | 100%       | 23.198, 29.198, 29.1 | <a href="#">CP-080429</a> | Alcatel-Lucent        |             |     |     |
| 428 | 370012    | <i>Delete - Ensure Parlay-X composable with identity</i>     | Rel-8   | C5             | No      | OSA8      | 25/10/2007 | 30/05/2008 | 100%       | existing 29.199-xy   | <a href="#">CP-080429</a> | print, Telecom Italia |             |     |     |
| 429 | 370013    | <i>Parlay-X Content Management web service (store)</i>       | Rel-8   | C5             | No      | OSA8      | 25/10/2007 | 30/05/2008 | 100%       | 29.199-21            | <a href="#">CP-080429</a> | Alcatel-Lucent        |             |     |     |
| 430 | 370014    | <i>Parlay-X Policy web service</i>                           | Rel-8   | C5             | No      | OSA8      | 25/10/2007 | 30/05/2008 | 100%       | 29.199-22            | <a href="#">CP-080429</a> | Alcatel-Lucent        |             |     |     |
| 431 | 370015    | <i>Parlay-X Terminal status web service</i>                  | Rel-8   | C5             | No      | OSA8      | 25/10/2007 | 30/05/2008 | 100%       | 29.199-08            | <a href="#">CP-080429</a> | Alcatel-Lucent        |             |     |     |
| 432 | 370016    | <i>Delete - Identify communication format used by a p</i>    | Rel-8   | C5             | No      | OSA8      | 25/10/2007 | 30/05/2008 | 100%       | existing 29.199-xy   | <a href="#">CP-080429</a> | Ericsson              |             |     |     |
| 433 | 380047    | <i>Delete - Security on User Profile Management - re</i>     | Rel-8   | C5             | No      | OSA8      | 05/12/2007 | 30/05/2008 | 100%       | PXWS Framework       | <a href="#">CP-080429</a> | Telecom Italia        |             |     |     |
| 434 | 380048    | <i>Delete - Privacy on Subscriber Identity (Liberty Alli</i> | Rel-8   | C5             | No      | OSA8      | 05/12/2007 | 30/05/2008 | 100%       | PXWS Framework       | <a href="#">CP-080429</a> | Telecom Italia        |             |     |     |
| 435 | 380049    | <i>Delete - Topology Hiding (22.127 CR 0086 S1-071</i>       | Rel-8   | C5             | No      | OSA8      | 05/12/2007 | 30/05/2008 | 100%       | PXWS Framework       | <a href="#">CP-080429</a> | Telecom Italia        |             |     |     |
| 436 | 380050    | <i>Delete - Subscriber event notification (22.127 CR 0</i>   | Rel-8   | C5             | No      | OSA8      | 05/12/2007 | 30/05/2008 | 100%       | PXWS Framework       | <a href="#">CP-080429</a> | Telecom Italia        |             |     |     |
| 437 | 380051    | <i>Delete - Event notification (22.127 CR 0088 S1-07</i>     | Rel-8   | C5             | No      | OSA8      | 05/12/2007 | 30/05/2008 | 100%       | PXWS Framework       | <a href="#">CP-080429</a> | Telecom Italia        |             |     |     |
| 438 | 380052    | <i>Delete - Access policy (22.127 CR 0089 S1-07176</i>       | Rel-8   | C5             | No      | OSA8      | 05/12/2007 | 30/05/2008 | 100%       | PXWS Framework       | <a href="#">CP-080429</a> | Telecom Italia        |             |     |     |
| 439 | 380053    | <i>Delete - API usage accounting (22.127 CR 0090 S</i>       | Rel-8   | C5             | No      | OSA8      | 05/12/2007 | 30/05/2008 | 100%       | PXWS Framework       | <a href="#">CP-080429</a> | Telecom Italia        |             |     |     |
| 440 | 380054    | <i>Presence alignment with OMA and IETF (22.127 C</i>        | Rel-8   | C5             | No      | OSA8      | 05/12/2007 | 30/05/2008 | 100%       | 29.199-14/13         | <a href="#">CP-080429</a> | Alcatel-Lucent        |             |     |     |

| ID  | Jnique_IC | Name   | Release | Resource Names | Modifie | Acronym          | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                      | WI rapporteur name | Qtr 1, 2009 |     |     |
|-----|-----------|--|---------|----------------|---------|------------------|------------|------------|------------|----------------------|--------------------------------|--------------------|-------------|-----|-----|
|     |           |  |         |                |         |                  |            |            |            |                      |                                |                    | Nov         | Jan | Mar |
| 441 | 380055    | Delete - Service identification (22.127 CR 0095 S1 | Rel-8   | C5             | No      | OSA8             | 05/12/2007 | 30/05/2008 | 100%       | existing 29.199-xy   | <a href="#">CP-080429</a>      | Ericsson           |             |     |     |
| 442 | 390067    | Framework Enterprise Operator (Service Subscrip    | Rel-8   | C5             | No      | OSA8             | 10/01/2008 | 30/05/2008 | 100%       | 29.198-03            | <a href="#">CP-080429</a>      | Alcatel-Lucent     |             |     |     |
| 443 | 390068    | Mobility Emergency Location                        | Rel-8   | C5             | No      | OSA8             | 10/01/2008 | 30/05/2008 | 100%       | 29.198-06            | <a href="#">CP-080429</a>      | Alcatel-Lucent     |             |     |     |
| 444 | 390069    | Connectivity Manager SCF                           | Rel-8   | C5             | No      | OSA8             | 10/01/2008 | 30/05/2008 | 100%       | 29.198-10            | <a href="#">CP-080429</a>      | Alcatel-Lucent     |             |     |     |
| 445 | 390070    | PAM Presence Agent                                 | Rel-8   | C5             | No      | OSA8             | 10/01/2008 | 30/05/2008 | 100%       | 29.198-14            | <a href="#">CP-080429</a>      | Alcatel-Lucent     |             |     |     |
| 446 | 360032    | Paging Permission with Access Control              | Rel-8   | S1,C1          | No      | PPACR            | 12/06/2007 | 05/12/2008 | 100%       |                      | <a href="#">SP-070501</a>      | NTT DoCoMo         |             |     |     |
| 447 | 370084    | Stage 1 for PPACR                                  | Rel-8   | S1             | No      | PPACR-S1         | 12/06/2007 | 14/09/2007 | 100%       | 22.011               | <a href="#">SP-070501</a>      | NTT DoCoMo         |             |     |     |
| 448 | 380017    | Stage 3 for PPACR (CT1)                            | Rel-8   | C1             | No      | PPACR-CT1        | 14/11/2007 | 05/12/2008 | 100%       | 24.008, 23.122, 24.3 | <a href="#">CP-070783</a>      | NTT DoCoMo         |             |     |     |
| 449 | 380063    | Charging for multi-phases services                 | Rel-8   | S1             | No      | CHRGMPH          | 06/12/2007 | 12/03/2008 | 100%       | 22.115               | <a href="#">SP-080053</a>      | Telecom Italia     |             |     |     |
| 450 | 380070    | Stage 1 for CHRGMPH                                | Rel-8   | S1             | No      | CHRGMPH-s1       | 06/12/2007 | 12/03/2008 | 100%       | 22.115               | <a href="#">SP-080053</a>      | Telecom Italia     |             |     |     |
| 451 | 380065    | Home NodeB / eNodeB                                | Rel-8   | S1,C1,C4       | No      | HomeNB           | 06/12/2007 | 06/03/2009 | 100%       |                      | <a href="#">SP-070952</a>      | Vodafone           |             |     |     |
| 452 | 380066    | Stage 1 for HNB_eHNB                               | Rel-8   | S1             | No      | HomeNB-S1        | 06/12/2007 | 12/03/2008 | 100%       | 22.011, 22.115       | <a href="#">SP-070952</a>      | Vodafone           |             |     |     |
| 453 | 410012    | CSG and Idle Mode Mobility for LTE Home            | Rel-8   | C1             | No      | HomeNB-LTE       | 12/09/2008 | 06/03/2009 | 100%       | 23.122, 24.301, 24.8 | <a href="#">CP-080498</a>      | Huawei             |             |     |     |
| 454 | 410013    | CSG and Idle Mode Mobility for 3G Home             | Rel-8   | C1             | No      | HomeNB-3G        | 12/09/2008 | 06/03/2009 | 100%       | 23.122, 24.008, 24.2 | <a href="#">CP-080792</a>      | Qualcomm           |             |     |     |
| 455 | 420019    | Support of Closed Subscriber Group (CSG)           | Rel-8   | C4             | No      | HomeNB           | 05/12/2008 | 06/03/2009 | 100%       | 29.002, 29.272, 23.0 | <a href="#">non-existent</a>   | CT#42              |             |     |     |
| 456 | 390033    | UTRA HNB   | Rel-8   | RP,S5          | No      | HNB              | 07/03/2008 | 04/06/2009 | 98%        |                      | <a href="#">not applicable</a> |                    |             |     |     |
| 457 | 400053    | Support of UTRA HNB                                | Rel-8   | R2             | No      | HNB-suppl        | 30/05/2008 | 06/03/2009 | 100%       | 25.304, 25.306, 25.3 | <a href="#">RP-080752</a>      | Huawei             |             |     |     |
| 458 | 390034    | FDD Home NodeB RF requirements                     | Rel-8   | R4             | No      | HNB-RF           | 07/03/2008 | 06/03/2009 | 100%       | 25.104, 25.141, 25.5 | <a href="#">RP-080971</a>      | Motorola           |             |     |     |
| 459 | 400054    | UTRAN Architecture for 3G HNB                      | Rel-8   | R3             | No      | HNB-arch         | 30/05/2008 | 05/12/2008 | 100%       | 25.401, 25.410, 25.4 | <a href="#">RP-080487</a>      | Alcatel-Lucent     |             |     |     |
| 460 | 420037    | 3G Home NodeB OAM&P (Interface Type 1              | Rel-8   | S5             | No      | HNB-3G_OAM       | 11/12/2008 | 04/06/2009 | 90%        | 32.581, 32.582, 32.5 | <a href="#">SP-080708</a>      | Huawei             |             |     |     |
| 461 | 430022    | UTRA HNB – UE Conformance Testing                  | Rel-8   | R5             | No      | HNB-UEConTest    | 06/03/2009 | 04/12/2009 | 0%         |                      | <a href="#">not applicable</a> |                    |             |     |     |
| 462 | 430023    | Conformance Test Aspects – UTRA HNB (              | Rel-8   | R5             | No      | HNB-UEConTestFDC | 06/03/2009 | 04/12/2009 | 0%         | 34.108, 34.123-1, 34 | <a href="#">RP-090023</a>      | Huawei             |             |     |     |
| 463 | 350015    | Lawful Interception in the 3GPP Rel-8              | Rel-8   | S3             | No      | LI8              | 12/03/2007 | 12/03/2009 | 100%       | 33.106, 33.107, 33.1 | <a href="#">SP-070238</a>      | BMW, Verizon       |             |     |     |
| 464 | 390046    | Generic Bootstrapping Architecture Pus             | Rel-8   | S3,C1,C4       | No      | GBAPush          | 12/03/2008 | 06/03/2009 | 100%       |                      | <a href="#">SP-080133</a>      | Ericsson           |             |     |     |
| 465 | 390146    | SA3 part of GBAPush (33.223)                       | Rel-8   | S3             | No      | GBAPush          | 12/03/2008 | 05/12/2008 | 100%       | 33.223               | <a href="#">SP-080133</a>      | Ericsson           |             |     |     |
| 466 | 390246    | CT1 part of GBAPush                                | Rel-8   | C1             | No      | GBAPush          | 12/03/2008 | 06/03/2009 | 100%       | 24.109               | <a href="#">CP-090112</a>      | Ericsson           |             |     |     |
| 467 | 390346    | CT4 part of GBAPush                                | Rel-8   | C4             | No      | GBAPush          | 12/03/2008 | 06/03/2009 | 100%       | 29.109               | <a href="#">CP-090112</a>      | Ericsson           |             |     |     |
| 468 | 34045     | Requirements and Test methods for Wid              | Rel-8   | S4             | No      | RETEM_WB_T       | 12/03/2008 | 11/12/2008 | 100%       | 26.131, 26.132       | <a href="#">SP-080004</a>      | FT, Ericsson       |             |     |     |
| 469 | 34043     | Extending PSS and MBMS User Services               | Rel-8   | S4             | No      | PSS_MBMS_OMTV    | 06/12/2007 | 11/12/2008 | 100%       | 26.234, 26.346, 26.5 | <a href="#">SP-070757</a>      | Ericsson           |             |     |     |
| 470 | 400028    | Encoding formats, transport formats and            | Rel-8   | S3,C1,C4       | No      | MTSI_eMHI        | 06/12/2007 | 12/03/2009 | 100%       |                      | <a href="#">SP-080443</a>      | Ericsson, Qualcomm |             |     |     |
| 471 | 34041     | MTSI Video - Dynamic Rate Adaptation/Sig           | Rel-8   | S4             | No      | MTSI_eMHI-DRASIS | 06/12/2007 | 12/03/2009 | 100%       | 26.114               | <a href="#">SP-080246</a>      | Qualcomm, Samsung  |             |     |     |
| 472 | 400018    | CT3 part of Enhancement of interworking            | Rel-8   | C3             | No      | MTSI_eMHI        | 30/05/2008 | 06/03/2009 | 100%       | 29.163               | <a href="#">CP-080774</a>      | Huawei             |             |     |     |
| 473 | 400019    | CT1 part of Enhancement of interworking            | Rel-8   | C1             | No      | MTSI_eMHI        | 30/05/2008 | 12/12/2008 | 100%       |                      | <a href="#">CP-080774</a>      | Huawei             |             |     |     |
| 474 | 400020    | CT4 part of Enhancement of interworking            | Rel-8   | C4             | No      | MTSI_eMHI        | 30/05/2008 | 06/03/2009 | 100%       | 29.332               | <a href="#">CP-080774</a>      | Huawei             |             |     |     |
| 475 | 340063    | OAM&P 8  | Rel-8   | S5,C1          | No      | OAM8             | 07/06/2007 | 12/03/2009 | 100%       |                      | <a href="#">not applicable</a> |                    |             |     |     |
| 476 | 340064    | Network Infrastructure Management                  | Rel-8   | S5             | No      | OAM8-NIM         | 07/06/2007 | 12/03/2009 | 100%       |                      | <a href="#">not applicable</a> |                    |             |     |     |
| 477 | 35051     | Telecom Management Methodology                     | Rel-8   | S5             | No      | OAM8             | 07/06/2007 | 12/03/2009 | 100%       | 32.155, 32.153       | <a href="#">SP-070296</a>      | Ericsson           |             |     |     |
| 478 | 35053     | Advanced Alarming on Itf-N                         | Rel-8   | S5             | No      | OAM8             | 07/06/2007 | 12/06/2008 | 100%       | 32.121, 32.122, 32.1 | <a href="#">SP-070492</a>      | Siemens Networks   |             |     |     |
| 479 | 35056     | CN CS Bearer Transport Network (BTN) relative N    | Rel-8   | S5             | No      | OAM8             | 07/06/2007 | 12/06/2008 | 100%       | 32.632/3/5           | <a href="#">SP-070300</a>      | China Mobile       |             |     |     |
| 480 | 370002    | Deleted - End point modelling for reference point  | Rel-8   | S5             | No      | OAM8             | 17/09/2007 | 11/12/2008 | 100%       | 32.152, 32.62/3/4x,  | <a href="#">SP-070618</a>      | Motorola           |             |     |     |
| 481 | 390016    | Alignment with eTOM and M.3060 architectural co    | Rel-8   | S5             | No      | OAM8             | 22/02/2008 | 11/12/2008 | 100%       | 32.101/2, 32-series  | <a href="#">SP-080068</a>      | TeliaSonera        |             |     |     |
| 482 | 400030    | IRP SOAP Solution Sets                             | Rel-8   | S5             | No      | OAM8             | 05/06/2008 | 12/03/2009 | 100%       | 32.111-7, 32.617, 32 | <a href="#">SP-090148</a>      | Ericsson           |             |     |     |
| 483 | 340065    | Performance Management                             | Rel-8   | S5             | No      | OAM8-PM          | 07/06/2007 | 12/03/2009 | 100%       |                      | <a href="#">not applicable</a> |                    |             |     |     |
| 484 | 35061     | IP bearer network Performance measurement defir    | Rel-8   | S5             | No      | OAM8             | 07/06/2007 | 11/12/2008 | 100%       | 32.321/2/3/5         | <a href="#">SP-070301</a>      | China Mobile       |             |     |     |

| ID  | Jnique_IC     | Name  | Release      | Resource Names  | Modifie   | Acronym              | Start             | Finish            | % Complete  | Impacted TSs and TRs        | Hyperlink                 | WI rapporteur name              | Nov | Qtr 1, 2009 | Jan | Mar |
|-----|---------------|---|--------------|-----------------|-----------|----------------------|-------------------|-------------------|-------------|-----------------------------|---------------------------|---------------------------------|-----|-------------|-----|-----|
| 485 | 360001        | HSUPA performance measurements                    | Rel-8        | S5              | No        | OAM8                 | 07/06/2007        | 11/12/2008        | 100%        | 32.405                      | <a href="#">SP-070835</a> | China Mobile                    |     |             |     |     |
| 486 | 360002        | Key Performance Indicators (KPIs) for UMTS and    | Rel-8        | S5              | No        | OAM8                 | 07/06/2007        | 12/03/2009        | 100%        | 32.410                      | <a href="#">SP-070299</a> | China Mobile                    |     |             |     |     |
| 487 | <b>340066</b> | <b>Trace Management</b>                           | <b>Rel-8</b> | <b>C1,C3,C4</b> | <b>No</b> | <b>OAM8-Trace</b>    | <b>07/03/2008</b> | <b>05/12/2008</b> | <b>100%</b> |                             | <a href="#">CP-080315</a> |                                 |     |             |     |     |
| 488 | 11067         | Service Level Tracing in IMS                      | Rel-8        | C1              | No        | OAM8-Trace           | 07/03/2008        | 05/12/2008        | 100%        | 24.323, 24.229              | <a href="#">CP-080315</a> | Vodafone                        |     |             |     |     |
| 489 | 400021        | Service Level Tracing in IMS                      | Rel-8        | C3              | No        | OAM8-Trace           | 07/03/2008        | 05/12/2008        | 100%        |                             | <a href="#">CP-080315</a> | Vodafone                        |     |             |     |     |
| 490 | 400022        | Service Level Tracing in IMS                      | Rel-8        | C4              | No        | OAM8-Trace           | 07/03/2008        | 05/12/2008        | 100%        | 29.228, 29.229              | <a href="#">CP-080315</a> | Vodafone                        |     |             |     |     |
| 491 | <b>350016</b> | <b>Charging Management small Enhancem</b>         | <b>Rel-8</b> | <b>S5</b>       | <b>No</b> | <b>CH8</b>           | <b>16/03/2006</b> | <b>11/12/2008</b> | <b>100%</b> |                             | <a href="#">SP-070077</a> |                                 |     |             |     |     |
| 492 | 350038        | Online charging correlation                       | Rel-8        | S5              | No        | CH8                  | 16/03/2006        | 14/12/2007        | 100%        | 32.296                      | <a href="#">SP-070077</a> | Orange                          |     |             |     |     |
| 493 | 360003        | SMS online charging                               | Rel-8        | S5              | No        | CH8                  | 07/06/2007        | 14/12/2007        | 100%        | 32.274, 32.240/299          | <a href="#">SP-070293</a> | Vodafone                        |     |             |     |     |
| 494 | 410045        | Introduce Online Charging from SMS-SC i           | Rel-8        | S5              | No        | CH8                  | 18/09/2008        | 11/12/2008        | 100%        | 32.274, 32.299              | <a href="#">SP-080463</a> | Acision                         |     |             |     |     |
| 495 | 380046        | <i>Deleted - WLAN Offline Charging</i>            | Rel-8        | S5              | No        | <i>CH8</i>           | <i>07/01/2008</i> | <i>11/12/2008</i> | <i>100%</i> | <i>32.252, 32.298, 32.2</i> | <a href="#">SP-070750</a> | Alcatel-Lucent                  |     |             |     |     |
| 496 | <b>380024</b> | <b>Conferencing enhancements for Mp inte</b>      | <b>Rel-8</b> | <b>C4</b>       | <b>No</b> | <b>eMp</b>           | <b>30/11/2007</b> | <b>05/12/2008</b> | <b>100%</b> |                             | <a href="#">CP-080725</a> | <b>Huawei</b>                   |     |             |     |     |
| 497 | 380025        | Stage 2 for eMp                                   | Rel-8        | C4              | No        | eMp                  | 30/11/2007        | 05/12/2008        | 100%        | 23.333                      | <a href="#">CP-080725</a> | Huawei                          |     |             |     |     |
| 498 | 380026        | Stage 3 for eMp                                   | Rel-8        | C4              | No        | eMp                  | 30/11/2007        | 05/12/2008        | 100%        | 29.333                      | <a href="#">CP-080725</a> | Huawei                          |     |             |     |     |
| 499 | <b>320014</b> | <b>Contact Manager for 3GPP UICC applica</b>      | <b>Rel-8</b> | <b>C6</b>       | <b>No</b> | <b>eUPHBOOK</b>      | <b>22/06/2006</b> | <b>05/12/2008</b> | <b>100%</b> |                             | <a href="#">CP-080382</a> | <b>Gemalto</b>                  |     |             |     |     |
| 500 | 320015        | Requirements for Contact Manager                  | Rel-8        | C6              | No        | eUPHBOOK-St1         | 22/06/2006        | 21/12/2007        | 100%        | 21.111                      | <a href="#">CP-080382</a> | Gemalto                         |     |             |     |     |
| 501 | 350046        | External interface for eUPHBOOK                   | Rel-8        | C6              | No        | eUPHBOOK-Ext_Spe     | 07/05/2007        | 07/03/2008        | 100%        | 31.220                      | <a href="#">CP-080382</a> | Gemalto                         |     |             |     |     |
| 502 | 370004        | Internal interface for eUPHBOOK                   | Rel-8        | C6              | No        | eUPHBOOK-Int_Spe     | 07/05/2007        | 05/12/2008        | 100%        | 31.221                      | <a href="#">CP-080382</a> | Gemalto                         |     |             |     |     |
| 503 | 320016        | <i>Deleted - Implementation of eUPHBOOK</i>       | Rel-8        | C6              | No        | <i>eUPHBOOK-St23</i> | <i>21/06/2007</i> | <i>21/06/2007</i> | <i>100%</i> | <i>31.102</i>               | <a href="#">CP-060355</a> | <i>Hieseecke &amp; Devrient</i> |     |             |     |     |
| 504 | <b>400023</b> | <b>Contact Manager Conformance Test spe</b>       | <b>Rel-8</b> | <b>C6</b>       | <b>No</b> | <b>eUPHBOOK-Test</b> | <b>30/05/2008</b> | <b>04/12/2009</b> | <b>0%</b>   |                             | <a href="#">CP-080430</a> | <b>Comprion, Gemalto</b>        |     |             |     |     |
| 505 | 400123        | Contact Manager for 3GPP UICC applicati           | Rel-8        | C6              | No        | eUPHBOOK-Test        | 30/05/2008        | 04/12/2009        | 0%          | 31.320 (external inte       | <a href="#">CP-080430</a> | Comprion                        |     |             |     |     |
| 506 | 400223        | Contact Manager API for Java™ Card test           | Rel-8        | C6              | No        | eUPHBOOK-Test        | 30/05/2008        | 04/12/2009        | 0%          | 31.321 (internal inte       | <a href="#">CP-080430</a> | Gemalto                         |     |             |     |     |
| 507 | <b>20068</b>  | <b>Rel-8 LTE – 3G Long Term Evolution - E</b>     | <b>Rel-8</b> | <b>RP,S5</b>    | <b>No</b> | <b>LTE</b>           | <b>25/09/2006</b> | <b>12/03/2009</b> | <b>100%</b> | <b>36.300, 36.938</b>       | <a href="#">RP-080747</a> | <b>NTT DoCoMo</b>               |     |             |     |     |
| 508 | 330018        | LTE – Physical Layer                              | Rel-8        | R1              | No        | LTE-Phys             | 25/09/2006        | 07/03/2008        | 100%        | 36.201, 36.211, 36.2        | <a href="#">RP-080747</a> | NTT DoCoMo                      |     |             |     |     |
| 509 | 330019        | LTE – Radio Interface Layer 2 and 3 Proto         | Rel-8        | R2              | No        | LTE-L23              | 25/09/2006        | 05/12/2008        | 100%        | 36.302, 36.304, 36.3        | <a href="#">RP-080747</a> | a Siemens Networks              |     |             |     |     |
| 510 | 330020        | LTE – eUTRAN Interfaces                           | Rel-8        | R3              | No        | LTE-interfaces       | 25/09/2006        | 05/12/2008        | 100%        | 36.401, 36.410, 36.4        | <a href="#">RP-080747</a> | Ericsson                        |     |             |     |     |
| 511 | 330021        | LTE – Evolved UTRA and UTRAN RF Radi              | Rel-8        | R4              | No        | LTE-RF               | 25/09/2006        | 05/12/2008        | 100%        | 36.101, 36.104, 36.1        | <a href="#">RP-080747</a> | a Siemens Networks              |     |             |     |     |
| 512 | 370046        | LTE – FDD repeaters                               | Rel-8        | R4              | No        | LTE-Repeater         | 14/09/2007        | 06/03/2009        | 100%        | 36.106, 36.143, 25.1        | <a href="#">RP-070749</a> | as, Andrew Wireless             |     |             |     |     |
| 513 | <b>390001</b> | <b>E-UTRAN Data Definitions</b>                   | <b>Rel-8</b> | <b>S5</b>       | <b>No</b> | <b>E-UTRAN-OAM</b>   | <b>17/09/2007</b> | <b>12/03/2009</b> | <b>100%</b> |                             | <a href="#">SP-070617</a> |                                 |     |             |     |     |
| 514 | 370001        | Subscriber and Equipment Trace for E-UTRAN an     | Rel-8        | S5              | No        | E-UTRAN-OAM          | 17/09/2007        | 12/03/2009        | 100%        | 32.42x, 32.44x              | <a href="#">SP-070617</a> | Ericsson                        |     |             |     |     |
| 515 | 380036        | E-UTRAN Network Resource Model (NRM) Integr       | Rel-8        | S5              | No        | E-UTRAN-OAM          | 07/01/2008        | 12/03/2009        | 100%        | 32.761/2/3/5                | <a href="#">SP-070738</a> | Ericsson                        |     |             |     |     |
| 516 | 390002        | Performance measurements for E-UTRAN              | Rel-8        | S5              | No        | E-UTRAN-OAM          | 22/02/2008        | 12/03/2009        | 100%        | 32.425                      | <a href="#">SP-080062</a> | Motorola, Huawei                |     |             |     |     |
| 517 | 390003        | Key Performance Indicators (KPIs) for E-UTRAN     | Rel-8        | S5              | No        | E-UTRAN-OAM          | 22/02/2008        | 12/03/2009        | 100%        | 32.450, 32.451              | <a href="#">SP-080063</a> | Ericsson                        |     |             |     |     |
| 518 | <b>390004</b> | <b>Self-Organizing Networks (SON)</b>             | <b>Rel-8</b> | <b>S5</b>       | <b>No</b> | <b>LTE_SON-OAM</b>   | <b>22/02/2008</b> | <b>11/12/2008</b> | <b>100%</b> |                             | <a href="#">SP-080275</a> | <b>Vodafone</b>                 |     |             |     |     |
| 519 | 390104        | SON Concepts and requirements                     | Rel-8        | S5              | No        | LTE_SON-OAM          | 22/02/2008        | 11/12/2008        | 100%        | 32.500                      | <a href="#">SP-080275</a> | Vodafone                        |     |             |     |     |
| 520 | 390005        | Self-Establishment of eNBs, including automated S | Rel-8        | S5              | No        | LTE_SON-OAM          | 22/02/2008        | 11/12/2008        | 100%        | 32.501, 32.502, 32.5        | <a href="#">SP-080849</a> | a Siemens Networks              |     |             |     |     |
| 521 | 390006        | SON Automatic Neighbour Relations (ANR) List M    | Rel-8        | S5              | No        | LTE_SON-OAM          | 22/02/2008        | 11/12/2008        | 100%        | 32.511, 32.761/2/3/5        | <a href="#">SP-080066</a> | Ericsson                        |     |             |     |     |
| 522 | <b>25029</b>  | <b>Rel-8 LTE – Terminal Conformance Test</b>      | <b>Rel-8</b> | <b>R5</b>       | <b>No</b> | <b>LTE-UEConTest</b> | <b>01/06/2007</b> | <b>04/12/2009</b> | <b>55%</b>  |                             | <a href="#">RP-080647</a> |                                 |     |             |     |     |
| 523 | 25041         | 3G LTE – Terminal Protocol Conformance            | Rel-8        | R5              | No        | LTE-UEConTest_SIG    | 01/06/2007        | 18/09/2009        | 55%         | 36.521-1, 36.521-2,         | <a href="#">RP-080647</a> | NEC, Motorola                   |     |             |     |     |
| 524 | 25042         | LTE – Terminal Radio Transmission and R           | Rel-8        | R5              | No        | LTE-UEConTest_RF_    | 01/06/2007        | 18/09/2009        | 70%         | 36.521-1, 36.521-2,         | <a href="#">RP-080601</a> | Agilent                         |     |             |     |     |
| 525 | 410022        | LTE – Terminal Radio Transmission and R           | Rel-8        | R5              | No        | LTE-UEConTest_RF_    | 01/06/2007        | 18/09/2009        | 65%         | 36.521-1, 36.521-2,         | <a href="#">RP-080601</a> | Agilent                         |     |             |     |     |
| 526 | 420013        | LTE 3500 – Conformance Test Aspects               |              | R5              | No        | LTE-UEConTest_LTE    | 05/12/2008        | 04/12/2009        | 0%          | 36.508, 36.521-1, 36        | <a href="#">RP-080859</a> | Ericsson                        |     |             |     |     |
| 527 | <b>350040</b> | <b>Rel-8 Improvements of the Radio Interfa</b>    | <b>Rel-8</b> | <b>RP</b>       | <b>No</b> | <b>RlnImp8</b>       | <b>05/03/2007</b> | <b>29/05/2009</b> | <b>88%</b>  |                             | <a href="#">SP-070078</a> |                                 |     |             |     |     |
| 528 | 350034        | UMTS 1500 MHz                                     | Rel-8        | R4              | No        | RlnImp8-UMTS1500     | 05/03/2007        | 14/09/2007        | 100%        | 25.101, 25.104, 25.1        | <a href="#">RP-070078</a> | NTT DoCoMo                      |     |             |     |     |

| ID  | Jnique_IC | Name                                      | Release | Resource Names | Modifie | Acronym            | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                      | WI rapporteur name | Qtr 1, 2009 |     |     |
|-----|-----------|---|---------|----------------|---------|--------------------|------------|------------|------------|----------------------|--------------------------------|--------------------|-------------|-----|-----|
|     |           |   |         |                |         |                    |            |            |            |                      |                                |                    | Nov         | Jan | Mar |
| 529 | 350035    | UMTS 700 MHz FDD                          | Rel-8   | R4             | No      | RInImp8-UMTS700    | 05/03/2007 | 30/05/2008 | 100%       | 25.101, 25.104, 25.1 | <a href="#">RP-070127</a>      | Nokia              |             |     |     |
| 530 | 380074    | UMTS 2300 MHz TDD LCR                     | Rel-8   | R4             | No      | RInImp8-UMTS2300T  | 17/12/2007 | 12/09/2008 | 100%       | 25.102, 25.105, 25.1 | <a href="#">RP-071016</a>      | CATT               |             |     |     |
| 531 | 380073    | UMTS/LTE 3500 MHz                         |         | R4             | No      | RInImp8-UMTSLTE3   | 17/12/2007 | 29/05/2009 | 35%        | 25.101, 25.104, 25.1 | <a href="#">RP-081096</a>      | Ericsson           |             |     |     |
| 532 | 350037    | Further Improved Minimum Performance I    | Rel-8   | R4             | No      | RInImp8-2BIC       | 05/03/2007 | 07/03/2008 | 100%       |                      | <a href="#">RP-070254</a>      | AT&T               |             |     |     |
| 533 | 370032    | CS Voice Service over HSPA                | Rel-8   | R2             | No      | RInImp8-CsHspa     | 19/07/2007 | 07/03/2008 | 100%       | 25.323, 25.331, 25.3 | <a href="#">RP-070823</a>      | Siemens Networks   |             |     |     |
| 534 | 370033    | Performance requirements for 15 code re   | Rel-8   | R4             | No      | RInImp8-Hsdpa15coc | 11/06/2007 | 07/03/2008 | 100%       | 25.101               | <a href="#">RP-070824</a>      | Vodafone           |             |     |     |
| 535 | 410018    | UMTS 1880 MHz TDD                         | Rel-8   | R4             | No      | RInImp9-UMTS1880T  | 12/09/2008 | 06/03/2009 | 100%       | 25.102, 25.105, 25.1 | <a href="#">RP-080757</a>      | CATT               |             |     |     |
| 536 | 350036    | Deleted - UMTS 2300 MHz FDD/TDD           | Rel-8   | R4             | No      | RInImp8-UMTS2300   | 05/03/2007 | 12/09/2008 | 100%       | 25.101, 25.104, 25.1 | <a href="#">RP-070128</a>      | AT&T               |             |     |     |
| 537 | 25125     | Rel-8 Improvements of the Radio Interfa   | Rel-8   | R5             | No      | RInImp-UEConTest   | 01/06/2007 | 04/12/2009 | 67%        |                      | <a href="#">Not applicable</a> |                    |             |     |     |
| 538 | 25050     | Conformance Test Aspects – CS Voice Se    | Rel-8   | R5             | No      | RInImp8-CsHspa_UE  | 01/06/2007 | 12/09/2008 | 100%       | 34.108, 34.123-1, 34 | <a href="#">RP-080160</a>      | Huawei             |             |     |     |
| 539 | 400055    | Conformance Test Aspects – Performance    | Rel-8   | R5             | No      | RInImp8-UEConTest  | 07/03/2008 | 05/12/2008 | 100%       | 34.121-1, 34.121-2   | <a href="#">RP-080311</a>      | Ericsson           |             |     |     |
| 540 | 420014    | UMTS 3500 – Conformance Test Aspects      |         | R5             | No      | RInImp-UEConTest_L | 05/12/2008 | 04/12/2009 | 0%         | 34.108, 34.121-1, 34 | <a href="#">RP-080870</a>      | Nokia              |             |     |     |
| 541 | 370035    | Rel-8 RAN improvements                    | Rel-8   | RP             | No      | RANimp             | 04/06/2007 | 04/12/2009 | 91%        |                      | <a href="#">Not applicable</a> |                    |             |     |     |
| 542 | 360013    | Combination of 64QAM and MIMO for HSC     | Rel-8   | R1             | No      | RANimp-64QamMimc   | 04/06/2007 | 12/09/2008 | 100%       | 25.308, 25.211, 25.2 | <a href="#">RP-070500</a>      | Ericsson           |             |     |     |
| 543 | 370036    | Improved L2 for uplink                    | Rel-8   | R2             | No      | RANimp-UplinkL2dat | 14/09/2007 | 30/05/2008 | 100%       | 25.319, 25.301, 25.3 | <a href="#">RP-070717</a>      | Ericsson           |             |     |     |
| 544 | 370037    | Enhanced Uplink for CELL_FACH State in    | Rel-8   | R2             | No      | RANimp-UplinkEnhSt | 14/09/2007 | 05/12/2008 | 100%       | 25.309, 25.211, 25.2 | <a href="#">RP-070677</a>      | Siemens Networks   |             |     |     |
| 545 | 370038    | Enhanced UE DRX for FDD                   | Rel-8   | R2             | No      | RANimp-DRX         | 14/09/2007 | 12/09/2008 | 100%       | 25.306, 25.308, 25.3 | <a href="#">RP-070679</a>      | Nokia              |             |     |     |
| 546 | 370039    | Enhancements for SRNS Relocation Proce    | Rel-8   | R3             | No      | RANimp-SrnsReloc   | 14/09/2007 | 12/09/2008 | 100%       | 25.306, 25.308, 25.3 | <a href="#">RP-070759</a>      | Siemens Networks   |             |     |     |
| 547 | 370040    | Enhancements for FDD HSPA Evolution       | Rel-8   | R3,R2          | No      | RANimp-HSPA Evo    | 14/09/2007 | 05/12/2008 | 100%       | 25.401, 25.413, 25.4 | <a href="#">RP-080830</a>      | Siemens Networks   |             |     |     |
| 548 | 380075    | 64QAM for 1.28 Mcps TDD HSDPA             | Rel-8   | R1             | No      | RANimp-64Qam1.28   | 04/12/2007 | 05/12/2008 | 100%       | 25.102, 25.105, 25.1 | <a href="#">RP-070924</a>      | ZTE                |             |     |     |
| 549 | 380076    | Enhanced CELL_FACH state in 1.28 Mcps     | Rel-8   | R2             | No      | RANimp-EnhState1.2 | 04/12/2007 | 05/12/2008 | 100%       | 25.123, 25.221, 25.2 | <a href="#">RP-071038</a>      | ZTE                |             |     |     |
| 550 | 380077    | 1.28 Mcps TDD Repeater                    |         | R4             | No      | RANimp-Repeater1   | 04/12/2007 | 04/12/2009 | 40%        | 25.113               | <a href="#">RP-071003</a>      | RITT               |             |     |     |
| 551 | 390028    | Continuous Connectivity for packet data u | Rel-8   | R1             | No      | RANimp-LCRCPC      | 07/03/2008 | 29/05/2009 | 95%        | 25.929, 25.308, 25.3 | <a href="#">RP-080085</a>      | TD Tech            |             |     |     |
| 552 | 390029    | HSPA VoIP to WCDMA/GSM CS continuity      | Rel-8   | R2             | No      | RANimp-HSPAVoIP    | 07/03/2008 | 06/03/2009 | 100%       | 25.331, 25.413       | <a href="#">RP-080749</a>      | Nokia              |             |     |     |
| 553 | 390030    | HS-DSCH Serving Cell Change Enhancem      | Rel-8   | R2             | No      | RANimp-HSDSCH      | 07/03/2008 | 05/12/2008 | 100%       | 25.101, 25.104, 25.1 | <a href="#">RP-080227</a>      | Ericsson           |             |     |     |
| 554 | 400050    | MIMO for 1.28 Mcps TDD                    | Rel-8   | R1,R4          | No      | RANimp-MIMOLCR     | 01/11/2007 | 29/05/2009 | 95%        | 25.201, 25.221, 25.2 | <a href="#">RP-080485</a>      | CATT               |             |     |     |
| 555 | 400052    | Dual-Cell HSDPA operation on adjacent ca  | Rel-8   | R1,R4          | No      | RANimp-DCHSDPA     | 30/05/2008 | 11/12/2008 | 100%       | 25.101, 25.104, 25.1 | <a href="#">RP-080490</a>      | Ericsson           |             |     |     |
| 556 | 25126     | Rel-8 RAN improvements - UE Conforma      | Rel-8   | R5             | No      | RANimp-UEConTest   | 30/05/2008 | 12/03/2010 | 32%        |                      | <a href="#">Not applicable</a> |                    |             |     |     |
| 557 | 410020    | Conformance Test Aspects – Combinator     | Rel-8   | R5             | No      | RANimp-UEConTest   | 12/09/2008 | 18/09/2009 | 50%        | 34.108, 34.121-1, 34 | <a href="#">RP-080759</a>      | Ericsson           |             |     |     |
| 558 | 400056    | Conformance Test Aspects – Improved L2    | Rel-8   | R5             | No      | RANimp-UEConTest   | 30/05/2008 | 18/09/2009 | 50%        | 34.108, 34.123-1, 34 | <a href="#">RP-080606</a>      | Ericsson           |             |     |     |
| 559 | 400057    | Conformance Test Aspects – 64QAM for 1    | Rel-8   | R5             | No      | RANimp-UEConTest   | 30/05/2008 | 29/05/2009 | 70%        | 34.108, 34.122, 34.1 | <a href="#">RP-080334</a>      | ZTE                |             |     |     |
| 560 | 420015    | Conformance Test Aspects – Dual-Cell HS   | Rel-8   | R5             | No      | RANimp-UEConTest   | 05/12/2008 | 18/09/2009 | 5%         | 34.108, 34.121-1, 34 | <a href="#">RP-080996</a>      | Qualcomm           |             |     |     |
| 561 | 430024    | Conformance Test Aspects – Enhanced U     | Rel-8   | R5             | No      | RANimp-UEConTest   | 06/03/2009 | 12/03/2010 | 0%         | 34.108, 34.121-1, 34 | <a href="#">RP-090152</a>      | Nokia              |             |     |     |
| 562 | 430028    | Conformance Test Aspects – Receiver Typ   | Rel-8   | R5             | No      | RANimp_UEConTest   | 06/03/2009 | 04/12/2009 | 0%         | 34.108, 34.121-1, 34 | <a href="#">R5-090010</a>      | Qualcomm           |             |     |     |
| 563 | 360008    | 3.84 Mcps TDD MBSFN Integrated Mobil      | Rel-8   | R1             | No      | MBSFN-DOB          | 04/06/2007 | 05/12/2008 | 100%       | 25.102, 25.105, 25.1 | <a href="#">RP-081124</a>      | Ericsson           |             |     |     |
| 564 | 400058    | MBMS - UE Conformance Testing             | Rel-8   | R5             | Yes     | MBMSE_UEConTest    | 01/06/2007 | 18/09/2009 | 56%        |                      | <a href="#">Not applicable</a> |                    |             |     |     |
| 565 | 25049     | Conformance Test Aspects – MBMS TDD       | Rel-7   | R5             | Yes     | MBMSE-RANPhysTC    | 01/06/2007 | 12/09/2008 | 100%       | 34.108, 34.122, 34.1 | <a href="#">RP-080155</a>      | IPWireless         |             |     |     |
| 566 | 400059    | Conformance Test Aspects – MBMS LCR       | Rel-8   | R5             | No      | MBMSE-RANPhysLC    | 30/05/2008 | 18/09/2009 | 60%        | 34.108, 34.123-1     | <a href="#">RP-080318</a>      | CATT               |             |     |     |
| 567 | 400060    | Conformance Test Aspects – MBSFN for F    | Rel-8   | R5             | No      | MBMSE-UEConTest    | 30/05/2008 | 18/09/2009 | 10%        |                      | <a href="#">RP-080336</a>      | Huawei             |             |     |     |
| 568 | 50583     | GERAN support for GERAN - 3G Long Te      | Rel-8   | GP             | No      | GELTE              | 08/09/2006 | 20/02/2009 | 100%       | 24.008, 43.055, 43.1 | <a href="#">GP-061757</a>      | Siemens Networks   |             |     |     |
| 569 | 50586     | U-TDOA Enhancement                        | Rel-8   | GP             | No      | GUTEN              | 18/05/2007 | 18/05/2007 | 100%       | 43.059, 45.008, 48.0 | <a href="#">GP-070865</a>      | TruePosition       |             |     |     |
| 570 | 50587     | GAN Enhancements                          | Rel-8   | GP             | No      | GANENH             | 15/05/2007 | 29/05/2009 | 84%        |                      | <a href="#">GP-071484</a>      | T-Mobile           |             |     |     |
| 571 | 50588     | Update to GAN specifications              | Rel-8   | GP             | No      | GANENH-SPEC        | 31/08/2007 | 22/02/2008 | 100%       | 43.318, 44.318       | <a href="#">GP-071560</a>      | T-Mobile           |             |     |     |
| 572 | 53089     | Update TS 51.010 Mobile Station (MS) Cor  | Rel-8   | G3new          | No      | GANENH-MStest      | 15/05/2007 | 29/05/2009 | 80%        | 51.010               | <a href="#">GP-071563</a>      | T-Mobile           |             |     |     |



| ID  | Jnique_IC | Name   | Release | Resource Names | Modified | Acronym           | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                 | WI rapporteur name   | Nov | Qtr 1, 2009 | Jan | Mar |
|-----|-----------|--|---------|----------------|----------|-------------------|------------|------------|------------|----------------------|---------------------------|----------------------|-----|-------------|-----|-----|
| 573 | 50591     | <b>AoIP (A-interface over IP)</b>                                | Rel-8   | S4,C1,C3       | No       | AoIP              | 03/01/2000 | 11/12/2008 | 100%       |                      | <a href="#">GP-081361</a> | a Mobile, Ericsson   |     |             |     |     |
| 574 | 400041    | <b>GERAN aspects of AoIP</b>                                     | Rel-8   | GP             | No       | AoIP              | 03/01/2000 | 21/11/2008 | 100%       | 48.001, 48.002, 48.0 | <a href="#">GP-081362</a> | ina Mobile, Ericsson |     |             |     |     |
| 575 | 400042    | <b>Media Requirements for CS over IP based</b>                   | Rel-8   | S4             | No       | AoIP-CSoIP        | 05/12/2007 | 11/12/2008 | 100%       | 26.102, 26.103, 26.2 | <a href="#">SP-080444</a> | ina Mobile, Ericsson |     |             |     |     |
| 576 | 400024    | <b>Core Network Impacts for A-Interface Use</b>                  | Rel-8   | C4             | No       | AoIP-CN           | 30/05/2008 | 05/12/2008 | 100%       | 23.205, 23.153, 23.2 | <a href="#">CP-080722</a> | Ericsson             |     |             |     |     |
| 577 | 400124    | <b>Core Network Impacts for A-Interface Use</b>                  | Rel-8   | C1             | No       | AoIP-CN           | 30/05/2008 | 05/12/2008 | 100%       | 23.009               | <a href="#">CP-080722</a> | Ericsson             |     |             |     |     |
| 578 | 400224    | <b>Core Network Impacts for A-Interface Use</b>                  | Rel-8   | C3             | No       | AoIP-CN           | 30/05/2008 | 05/12/2008 | 100%       | 29.007               | <a href="#">CP-080722</a> | Ericsson             |     |             |     |     |
| 579 | 51147     | <b>New multicarrier BTS class</b>                                | Rel-8   | G1             | No       | MCBTS             | 31/08/2007 | 29/08/2008 | 100%       | 45.005, 45.050, 51.0 | <a href="#">GP-071542</a> | Alcatel-Lucent       |     |             |     |     |
| 580 | 38001     | <b>Support for Additional Navigation Satellite</b>               | Rel-8   | G2             | No       | ANSS              | 16/05/2008 | 11/12/2008 | 100%       |                      | <a href="#">GP-081784</a> | Qualcomm             |     |             |     |     |
| 581 | 420038    | <b>Stage 1 for ANSS for LCS</b>                                  | Rel-8   | S1             | No       | ANSS              | 11/12/2008 | 11/12/2008 | 100%       | 22.071               | <a href="#">GP-081784</a> | Qualcomm             |     |             |     |     |
| 582 | 38101     | <b>Support for Additional Navigation Satellite</b>               | Rel-8   | G2             | No       | ANSS              | 16/05/2008 | 21/11/2008 | 100%       | 43.059, 44.031, 49.0 | <a href="#">GP-081784</a> | Qualcomm             |     |             |     |     |
| 583 | 400051    | <b>Support for Additional Navigation Satellite</b>               | Rel-8   | R2             | No       | RANimp-ANSS       | 30/05/2008 | 05/12/2008 | 100%       | 25.305, 25.306, 25.3 | <a href="#">RP-080346</a> | Qualcomm             |     |             |     |     |
| 584 | 38002     | <b>A-GNSS Performances and Testing Proc</b>                      | Rel-8   | GP             | No       | AGNSSPTP          | 16/05/2008 | 04/09/2009 | 15%        |                      | <a href="#">GP-081785</a> | Thales               |     |             |     |     |
| 585 | 38003     | <b>A-GNSS Minimum Performances</b>                               | Rel-8   | G1             | No       | AGNSSPTP- Perfreq | 16/05/2008 | 15/05/2009 | 35%        | 45.005               | <a href="#">GP-081786</a> | Thales               |     |             |     |     |
| 586 | 38004     | <b>A-GNSS Testing Procedures</b>                                 | Rel-8   | G3new          | No       | AGNSSPTP-MStest   | 16/05/2008 | 04/09/2009 | 0%         | 51.010-1             | <a href="#">GP-081787</a> | Thales               |     |             |     |     |
| 587 | 51149     | <b>Conformance testing for the Latency Re</b>                    | Rel-8   | I, G3new       | No       | CTLATRED          | 22/02/2008 | 20/11/2009 | 75%        |                      | <a href="#">GP-080367</a> | Ericsson             |     |             |     |     |
| 588 | 53090     | <b>MS conformance testing for the Latency R</b>                  | Rel-8   | G3new          | No       | CTLATRED-MStest   | 22/02/2008 | 20/11/2009 | 60%        | 51.010               | <a href="#">GP-080368</a> | Ericsson             |     |             |     |     |
| 589 | 51150     | <b>BTS conformance testing for the Latency</b>                   | Rel-8   | G1             | No       | CTLATRED-BTStest  | 22/02/2008 | 20/02/2009 | 100%       | 51.021               | <a href="#">GP-080369</a> | Ericsson             |     |             |     |     |
| 590 | 53091     | <b>MS conformance testing of changes intr</b>                    | Rel-8   | G3new          | No       | PSHCT-MStest      | 22/02/2008 | 21/11/2008 | 100%       | 51.010               | <a href="#">GP-080411</a> | Rohde & Schwarz      |     |             |     |     |
| 591 | 53092     | <b>MS conformance testing of Support of C</b>                    | Rel-8   | G3new          | No       | SCSAGBCT-MStest   | 22/02/2008 | 15/05/2009 | 0%         | 51.010               | <a href="#">GP-080330</a> | Nokia                |     |             |     |     |
| 592 | 320001    | <b>(Small) Technical Enhancements and Im</b>                     | Rel-8   | All            | No       | TEI8              | 01/01/2007 | 11/12/2008 | 100%       |                      | <a href="#">GP-080411</a> | ALL                  |     |             |     |     |
| 593 | 400025    | <b>Test - (Small) Technical Enhancements a</b>                   | Rel-8   | R5             | No       | TEI8_Test         | 30/05/2008 | 26/06/2009 | 80%        |                      | <a href="#">GP-080411</a> | ALL                  |     |             |     |     |
| 594 | 31067     | <i>Deleted - All-IP Network</i>                                  | Rel-8   | S1             | No       | AIPN              | 28/06/2004 | 15/03/2006 | 100%       |                      | <a href="#">SP-050181</a> | NTT DoCoMo           |     |             |     |     |
| 595 | 31068     | <i>Deleted - Stage 1</i>   | Rel-8   | S1             | No       | AIPN              | 28/06/2004 | 15/03/2006 | 100%       | 22.258               | <a href="#">SP-050181</a> | NTT DoCoMo           |     |             |     |     |
| 596 | 340032    | <i>Deleted - was Rel7 - LCS for 3GPP Interworking WLAN</i>       | Rel-8   | S2             | No       | LCS4_IWLAN        | 28/09/2007 | 28/09/2007 | 100%       | 23.234, 23.271, 23.2 | <a href="#">SP-060818</a> | LG Electronics       |     |             |     |     |
| 597 | 330010    | <i>Deleted - never approved- FBI Phase 2</i>                     | Rel-8   | S2             | No       | FBI2              | 28/09/2007 | 28/09/2007 | 100%       |                      |                           | Siemens Networks     |     |             |     |     |
| 598 | 330007    | <i>Deleted -Enhancements to BS30 Bearer service for Videotel</i> | Rel-8   | S1             | No       | BS30              | 15/03/2007 | 15/03/2007 | 100%       | 22.002, 22.004, 22.0 | <a href="#">SP-060484</a> | 3                    |     |             |     |     |
| 599 | 370055    | <i>Deleted - IMS Enhancements Rel-8</i>                          | Rel-8   | S1             | No       | IMS8              | 03/09/2007 | 14/12/2007 | 100%       |                      |                           | Telecom Italia       |     |             |     |     |
| 600 | 0         | <b>Release 8 Feasibility Studies</b>                             | Rel-8   | iP,RP,SP       | No       |                   | 20/03/2008 | 20/03/2008 | 0%         |                      |                           |                      |     |             |     |     |
| 601 | 7026      | <b>Study on Customised Alerting Tone (CA</b>                     | Rel-8   | S1             | No       | FS_CAT            | 07/10/2005 | 14/09/2006 | 100%       | 22.982               | <a href="#">SP-060474</a> | China Mobile         |     |             |     |     |
| 602 | 7027      | <b>Study on Facilitating Machine to Machin</b>                   | Rel-8   | S1             | No       | FS_M2M            | 04/11/2005 | 08/03/2007 | 100%       | 22.868               | <a href="#">SP-050527</a> | Siemens              |     |             |     |     |
| 603 | 31089     | <b>Study on Network Composition</b>                              | Rel-8   | S1             | No       | FS_NetComp        | 07/12/2005 | 12/12/2007 | 100%       | 22.980               | <a href="#">SP-060478</a> | a Siemens Networks   |     |             |     |     |
| 604 | 320024    | <b>Study on Requirements of IMS Multimed</b>                     | Rel-8   | S1             | No       | FS_IMSconf        | 08/06/2006 | 12/09/2007 | 100%       | 22.948               | <a href="#">SP-060479</a> | China Mobile         |     |             |     |     |
| 605 | 320025    | <b>Study on support of a Public Warning Sy</b>                   | Rel-8   | S1             | No       | FS_PWS            | 03/09/2007 | 14/03/2008 | 100%       | 22.968               | <a href="#">SP-080054</a> | T-Mobile             |     |             |     |     |
| 606 | 330016    | <b>Study on Paging Permission with Acces</b>                     | Rel-8   | S1             | No       | FS_PPAC           | 28/09/2006 | 20/09/2007 | 100%       | 22.908               | <a href="#">SP-060785</a> | NTT DoCoMo           |     |             |     |     |
| 607 | 340033    | <b>Study on Non 3GPP access NSP</b>                              | Rel-8   | S1             | No       | FS_N3GtoNSP       | 06/12/2006 | 05/06/2008 | 100%       | 22.912               | <a href="#">SP-080318</a> | Telefonica O2        |     |             |     |     |
| 608 | 340034    | <b>Study on Value Added Services for Shor</b>                    | Rel-8   | S1             | No       | FS_VAS4SMS        | 06/12/2006 | 07/12/2007 | 100%       | 22.942               | <a href="#">SP-060786</a> | China Mobile         |     |             |     |     |
| 609 | 340035    | <b>Study on Service continuity between mo</b>                    | Rel-8   | S1             | No       | FS_SMLSWLAN       | 06/12/2006 | 06/12/2007 | 100%       | 22.937               | <a href="#">SP-060936</a> | BT                   |     |             |     |     |
| 610 | 370086    | <b>Study on Services Alignment and Migrat</b>                    | Rel-8   | S1             | No       | FS_ServAI         | 06/12/2006 | 12/03/2008 | 100%       | 22.983               | <a href="#">SP-070126</a> | China Mobile         |     |             |     |     |
| 611 | 32085     | <b>Study on 3GPP System Architecture Evo</b>                     | Rel-8   | S2,S3          | No       | FS_SAE            | 03/12/2004 | 12/03/2009 | 100%       |                      | <a href="#">SP-070163</a> | Vodafone             |     |             |     |     |
| 612 | 32086     | <b>Stage 2 Interim conclusion for RAN Work</b>                   | Rel-8   | S2             | No       | FS_SAE            | 03/12/2004 | 18/09/2008 | 100%       | 23.882               | <a href="#">SP-070163</a> | Vodafone             |     |             |     |     |
| 613 | 32087     | <b>Stage 2 study on 3GPP architectural devel</b>                 | Rel-8   | S2             | No       | FS_SAE            | 09/01/2006 | 18/09/2008 | 100%       | 23.882               | <a href="#">SP-070163</a> | Vodafone             |     |             |     |     |
| 614 | 7024      | <b>Security study for Inter-access mobility be</b>               | Rel-8   | S3             | No       | FS_SAE            | 03/09/2007 | 12/03/2009 | 100%       | 33.821, 33.822       | <a href="#">SP-070163</a> | Nokia                |     |             |     |     |
| 615 | 320028    | <b>Study on Stage 2 aspects of IMS Service</b>                   | Rel-8   | S2             | No       | FS_ISB_ST2        | 19/06/2006 | 18/09/2008 | 100%       | 23.810               | <a href="#">SP-060443</a> | Telcordia            |     |             |     |     |
| 616 | 7049      | <b>Study on IMS utilizing multicast bearer s</b>                 | Rel-8   | S2             | No       | FS_MLTICAST-IMS   | 22/03/2006 | 06/12/2007 | 100%       | 23.847               | <a href="#">SP-060148</a> | a Siemens Networks   |     |             |     |     |

| ID  | Jnique_IC     | Name   | Release | Resource Names  | Modifie   | Acronym           | Start             | Finish            | % Complete  | Impacted TSs and TRs | Hyperlink                 | WI rapporteur name   | Qtr 1, 2009 |     |     |
|-----|---------------|--|---------|-----------------|-----------|-------------------|-------------------|-------------------|-------------|----------------------|---------------------------|----------------------|-------------|-----|-----|
|     |               |  |         |                 |           |                   |                   |                   |             |                      |                           |                      | Nov         | Jan | Mar |
| 617 | 350017        | <b>Study on Mobility between 3GPP-WLAN</b>                         | Rel-8   | S2              | No        | FS_SM3GWLAN       | 20/03/2007        | 18/09/2008        | 100%        | 23.827 withdrawn     | <a href="#">SP-070106</a> | Orange               |             |     |     |
| 618 | 350051        | <b>Study on Multimedia Session Continuity</b>                      | Rel-8   | S2              | No        | FS_MMSC           | 26/04/2007        | 05/06/2008        | 100%        | 23.893               | <a href="#">SP-070818</a> | LG Electronics       |             |     |     |
| 619 | <b>380034</b> | <b>Study on centralized IMS service control</b>                    | Rel-8   | <b>S2,S1</b>    | <b>No</b> | <b>FS_ICS</b>     | <b>23/10/2006</b> | <b>12/03/2008</b> | <b>100%</b> |                      | <a href="#">SP-070494</a> | <b>Ericsson</b>      |             |     |     |
| 620 | 370087        | <b>Study on centralized IMS services require</b>                   | Rel-8   | S1              | No        | FS_ICS-S1         | 05/03/2007        | 12/03/2008        | 100%        | 22.892               | <a href="#">SP-070494</a> | Ericsson             |             |     |     |
| 621 | 330012        | <b>Study on centralized IMS services control</b>                   | Rel-8   | S2              | No        | FS_IMS_CSC        | 23/10/2006        | 12/03/2008        | 100%        | 23.892               | <a href="#">SP-070494</a> | Alcatel-Lucent       |             |     |     |
| 622 | 380078        | <b>Study on Architecture of IMS based Cusi</b>                     | Rel-8   | S2              | No        | FS_CAT-St2        | 04/12/2007        | 18/09/2008        | 100%        | 23.872               | <a href="#">SP-070905</a> | China Mobile         |             |     |     |
| 623 | 380085        | <b>Study on Home (e)NodeB Security</b>                             | Rel-8   | S3              | No        | FS_HNB_Sec        | 20/12/2007        | 12/03/2009        | 100%        | 33.820               | <a href="#">SP-070783</a> | Huawei               |             |     |     |
| 624 | 360015        | <b>Study on Transferring of emergency call</b>                     | Rel-8   | S4              | No        | eCALLIBMS         | 07/12/2006        | 12/12/2007        | 100%        | 26.967               | <a href="#">SP-060935</a> | Airbiquity           |             |     |     |
| 625 | 35065         | <b>Study on Element Operations Systems F</b>                       | Rel-8   | S5              | No        | OAM7-NIM- EOSF    | 07/06/2007        | 12/06/2008        | 100%        | 32.819               | <a href="#">SP-070307</a> | China Mobile         |             |     |     |
| 626 | 35074         | <b>Study on SA5 MTOSI XML Harmonization</b>                        | Rel-8   | S5              | No        | OAM7-NIM-XML      | 10/05/2006        | 12/09/2007        | 100%        | 32.818               | <a href="#">SP-070305</a> | Nortel               |             |     |     |
| 627 | 320006        | <b>Study on Common Profile Storage (CPS)</b>                       | Rel-8   | S5              | No        | OAM7-CPS          | 03/07/2006        | 07/06/2007        | 100%        | 32.808               | <a href="#">SP-060263</a> | T-Mobile             |             |     |     |
| 628 | 340036        | <b>Study on Management for LTE and SAE</b>                         | Rel-8   | S5              | No        | FS_OAM_LTE_SAE    | 07/12/2006        | 11/12/2008        | 100%        | 32.816               | <a href="#">SP-060753</a> | Ericsson             |             |     |     |
| 629 | 350004        | <b>Study on Charging Aspects of 3GPP Sys</b>                       | Rel-8   | S5              | No        | FS_SAEcharg       | 02/04/2007        | 06/12/2007        | 100%        | 32.820               | <a href="#">SP-070174</a> | a Siemens Networks   |             |     |     |
| 630 | 7048          | <b>Study on AS-MRFC media server control</b>                       | Rel-8   | C1              | No        | MRFC              | 22/03/2006        | 13/06/2008        | 100%        | 24.880               | <a href="#">CP-060180</a> | HP                   |             |     |     |
| 631 | 350018        | <b>Study on IMS Restoration Procedures</b>                         | Rel-8   | C4              | No        | FS_IMS_RP         | 26/03/2007        | 30/05/2008        | 100%        | 23.820               | <a href="#">CP-070031</a> | Ericsson             |             |     |     |
| 632 | 360030        | <b>Study on IMS Application Server Service</b>                     | Rel-8   | C4              | No        | FS_IMS_ASIO       | 14/09/2007        | 12/09/2008        | 100%        | 29.864               | <a href="#">CP-070685</a> | Alcatel-Lucent       |             |     |     |
| 633 | 360031        | <b>Study on Customized Alerting Tone (CA</b>                       | Rel-8   | C4              | No        | FS_CAT_VVC_CS     | 14/09/2007        | 12/09/2008        | 100%        | 29.882               | <a href="#">CP-070518</a> | China Mobile         |             |     |     |
| 634 | 380023        | <b>Study on InterWorking Function between</b>                      | Rel-8   | C4              | No        | FS_MAP2Diam       | 30/11/2007        | 05/12/2008        | 100%        | 29.805               | <a href="#">CP-070760</a> | Huawei               |             |     |     |
| 635 | 370041        | <b>Study on Scope of future HSPA Evolutio</b>                      | Rel-8   | R1              | No        | FS_RAN-LCRTDDH    | 14/09/2007        | 30/05/2008        | 100%        | 25.824               | <a href="#">RP-070748</a> | RITT                 |             |     |     |
| 636 | 370042        | <b>Study on Synchronized E-DCH for UTRA</b>                        | Rel-8   | R1              | No        | FS_RAN-UplinkSync | 14/09/2007        | 07/03/2008        | 100%        | 25.823               | <a href="#">RP-070678</a> | a Siemens Networks   |             |     |     |
| 637 | 360016        | <b>Study on Improved network controlled n</b>                      | Rel-8   | R4              | No        | FS_RAN-LTEmob     | 04/06/2007        | 03/12/2007        | 100%        | 36.938               | <a href="#">RP-070511</a> | Motorola             |             |     |     |
| 638 | 350039        | <b>Study on 3G Home NodeB/eNodeB</b>                               | Rel-8   | R4              | No        | FS_RAN-HNBeNB     | 05/03/2007        | 30/05/2008        | 100%        | 25.820               | <a href="#">RP-070257</a> | Motorola             |             |     |     |
| 639 | 380080        | <b>Study on HS-PDSCH serving cell change</b>                       | Rel-8   | R4              | No        | FS_RAN-HSPDSCH    | 17/12/2007        | 07/03/2008        | 100%        | none                 | <a href="#">RP-071044</a> | Qualcomm             |             |     |     |
| 640 | 390032        | <b>Study on Dual-Cell HSDPA operation</b>                          | Rel-8   | R1              | No        | FS_RAN-DCHS       | 15/08/2007        | 06/03/2009        | 100%        | withdrawn 25.825 v1  | <a href="#">RP-080228</a> | Qualcomm             |             |     |     |
| 641 | 50589         | <b>Study on A-interface over IP</b>                                | Rel-8   | GP              | No        | AIN TIP           | 31/08/2007        | 22/02/2008        | 100%        | 43.903               | <a href="#">GP-071562</a> | ina Mobile, Ericsson |             |     |     |
| 642 | 50590         | <b>Study on Multi-User Reusing-One-Slot</b>                        | Rel-8   | GP              | No        | MUROS             | 16/11/2007        | 15/05/2009        | 95%         | 45.914               | <a href="#">GP-072033</a> | a Siemens Networks   |             |     |     |
| 643 | 51148         | <b>Study on Optimized Transmit Pulse Shaj</b>                      | Rel-8   | G1              | No        | WIDER             | 16/11/2007        | 15/05/2009        | 90%         | 45.913               | <a href="#">GP-072026</a> | a Siemens Networks   |             |     |     |
| 644 | 370044        | <i>Deleted - equals 340035 -FS on Service continuity between</i>   | Rel-8   | S1              | No        | FSSCMobToW        | 03/09/2007        | 14/12/2007        | 100%        | 22.937               | <a href="#">SP-070557</a> | BT                   |             |     |     |
| 645 | 380068        | <i>Deleted - Study on Evaluation of LCS Control Plane Solution</i> | Rel-8   | S2              | No        | FS_LCS_EPS        | 14/01/2008        | 30/05/2008        | 100%        | 23.891               | <a href="#">SP-070819</a> | SiRF                 |             |     |     |
| 646 | 0             | <b>Release 7 Features</b>  | Rel-7   | P, RP, SP       | No        |                   | 03/01/2000        | 03/01/2000        | 0%          |                      |                           |                      |             |     |     |
| 647 | <b>732097</b> | <b>Identification of Communication Service</b>                     | Rel-7   | <b>S1,C1,S5</b> | <b>No</b> | <b>ServID</b>     | <b>02/05/2005</b> | <b>14/09/2007</b> | <b>100%</b> |                      | <a href="#">SP-060293</a> | <b>Ericsson</b>      |             |     |     |
| 648 | 32106         | TR on ServID   | Rel-7   | S2              | No        | ServID            | 02/05/2005        | 21/03/2006        | 100%        | 23.816               | <a href="#">SP-060293</a> | Ericsson             |             |     |     |
| 649 | 32107         | Stage 1,2 of ServID  | Rel-7   | S1,S2           | No        | ServID            | 11/11/2005        | 31/05/2006        | 100%        | 22.228, 23.228, 23.2 | <a href="#">SP-060293</a> | Ericsson             |             |     |     |
| 650 | 320010        | Stage 3 of ServID  | Rel-7   | C1              | No        | ServID            | 31/03/2006        | 15/03/2007        | 100%        | 23.218, 24.229       | <a href="#">CP-060259</a> | Ericsson             |             |     |     |
| 651 | 7035          | Charging of ServID   | Rel-7   | S5              | No        | ServID            | 31/03/2006        | 14/09/2007        | 100%        | 32.260, 32.298, 32.2 | <a href="#">SP-060293</a> | Orange               |             |     |     |
| 652 | <b>32116</b>  | <b>Supporting Globally Routable User Agen</b>                      | Rel-7   | <b>S2,S1,C1</b> | <b>No</b> | <b>GRUU</b>       | <b>14/11/2005</b> | <b>15/06/2007</b> | <b>100%</b> |                      | <a href="#">SP-050633</a> | <b>RIM</b>           |             |     |     |
| 653 | 7009          | <i>Deleted - TR on GRUU</i>  | Rel-7   | S2              | No        | GRUU              | 14/11/2005        | 14/09/2006        | 100%        |                      | <a href="#">SP-050633</a> | RIM                  |             |     |     |
| 654 | 7010          | Stage 1,2 of GRUU  | Rel-7   | S1,S2           | No        | GRUU              | 03/07/2006        | 29/09/2006        | 100%        | 22.228, 23.228, 23.2 | <a href="#">SP-050633</a> | RIM                  |             |     |     |
| 655 | 320011        | Stage 3 of GRUU  | Rel-7   | C1              | No        | GRUU              | 02/06/2006        | 15/06/2007        | 100%        | 24.229               | <a href="#">CP-060358</a> | CableLabs            |             |     |     |
| 656 | <b>7038</b>   | <b>Multimedia Telephony Service for IMS</b>                        | Rel-7   | <b>S1,C1,S4</b> | <b>No</b> | <b>MTSI</b>       | <b>01/02/2006</b> | <b>15/06/2007</b> | <b>100%</b> |                      | <a href="#">SP-060224</a> | <b>Ericsson</b>      |             |     |     |
| 657 | 7039          | Stage 1 of MTSI  | Rel-7   | S1              | No        | MTSI-REQ          | 01/02/2006        | 29/09/2006        | 100%        | 22.173               | <a href="#">SP-060224</a> | Ericsson             |             |     |     |
| 658 | 7037          | Stage 3 of MTSI  | Rel-7   | C1              | No        | MTSI              | 10/03/2006        | 15/06/2007        | 100%        | 24.173               | <a href="#">CP-060257</a> | Ericsson             |             |     |     |
| 659 | 7040          | Media handling and interaction in MTSI                             | Rel-7   | S4              | No        | MTSI-MHI          | 15/03/2006        | 15/03/2007        | 100%        | 26.114               | <a href="#">SP-060225</a> | Ericsson             |             |     |     |
| 660 | 7023          | <i>Deleted - duplicates UID7039 - IMS Multimedia Telephc</i>       | Rel-7   | S1              | No        | MMTEL             | 15/06/2007        | 15/06/2007        | 100%        | 22.173               | <a href="#">SP-050387</a> | Ericsson             |             |     |     |

| ID  | Jnique_IC     | Name   | Release | Resource Names  | Modified  | Acronym                | Start             | Finish            | % Complete  | Impacted TSs and TRs                              | Hyperlink                 | WI rapporteur name | Qtr 1, 2009 |     |     |
|-----|---------------|--|---------|-----------------|-----------|------------------------|-------------------|-------------------|-------------|---|---------------------------|--------------------|-------------|-----|-----|
|     |               |  |         |                 |           |                        |                   |                   |             |   |                           |                    | Nov         | Jan | Mar |
| 661 | 350147        | <b>Multimedia Telephony Service for IMS (N</b>             | Rel-7   | R5              | Yes       | MTSI-UEConfTest        | 19/09/2007        | 12/03/2009        | 100%        | 34.123-1, 34.123-2,                               | <a href="#">RP-080605</a> | Ericsson, Motorola |             |     |     |
| 662 | 377001        | <b>TISPAN requirements for Multimedia Tel</b>              | Rel-7   | S1              | No        | TMMTEL7                | 18/09/2007        | 06/12/2007        | 100%        | 22.273 (EI 181 002 I                              | <a href="#">SP-070568</a> |                    |             |     |     |
| 663 | <b>387001</b> | <b>Maintenance of TISPAN release 1 commu</b>               | Rel-7   | <b>S2</b>       | <b>No</b> | <b>MCIMSTR1</b>        | <b>18/09/2007</b> | <b>06/12/2007</b> | <b>100%</b> | <a href="http://www.3gpp.o">http://www.3gpp.o</a> | <a href="#">SP-070915</a> | <b>Ericsson</b>    |             |     |     |
| 664 | 387002        | SA1 aspects of MCIMSTR1                                    | Rel-7   | S1              | No        | MCIMSTR1-S1            | 18/09/2007        | 06/12/2007        | 100%        | 22.173, 22.273                                    | <a href="#">SP-070915</a> | Telecom Italia     |             |     |     |
| 665 | 387003        | SA2 aspects of MCIMSTR1                                    | Rel-7   | S2              | No        | MCIMSTR1-S2            | 18/09/2007        | 06/12/2007        | 100%        | 23.406, 23.417, 23.5                              | <a href="#">SP-070915</a> | Ericsson           |             |     |     |
| 666 | <b>32045</b>  | <b>PS domain and IMS impacts for supporti</b>              | Rel-7   | <b>S2,S1</b>    | <b>No</b> | <b>EMC1</b>            | <b>18/09/2000</b> | <b>15/06/2007</b> | <b>100%</b> |   | <a href="#">SP-050604</a> | <b>Siemens</b>     |             |     |     |
| 667 | 1314          | Service Requirements for IP-based emergency calls          | Rel-7   | S1              | No        | EMC1                   | 18/09/2000        | 25/06/2004        | 100%        | 22.976 (DB shows C                                | <a href="#">SP-050604</a> | Siemens            |             |     |     |
| 668 | 32046         | Study on Stage 2 for IMS-level solution                    | Rel-7   | S2              | No        | EMC1                   | 26/02/2003        | 16/09/2005        | 100%        | 23.867  | <a href="#">SP-050604</a> | Siemens            |             |     |     |
| 669 | 32080         | Study on Stage 2 for GPRS-level solution                   | Rel-7   | S2              | No        | EMC1                   | 14/10/2004        | 08/12/2005        | 100%        | 23.867  | <a href="#">SP-050604</a> | Siemens            |             |     |     |
| 670 | 32100         | Stage 2 Specification Phase - IMS-level                    | Rel-7   | S2              | No        | EMC1                   | 05/09/2005        | 09/06/2006        | 100%        | 23.167, 23.228, 23.6                              | <a href="#">SP-050604</a> | Siemens            |             |     |     |
| 671 | 32101         | <i>Deleted - Stage 2 Specification Phase - GPRS-level</i>  | Rel-7   | S2              | No        | <i>EMC1</i>            | <i>02/03/2007</i> | <i>02/03/2007</i> | 100%        |   | <a href="#">SP-050604</a> | Siemens            |             |     |     |
| 672 | <b>1653</b>   | <b>Emergency Call Enhancements for IP&amp; PS Based C</b>  | Rel-7   | <b>C1</b>       | <b>No</b> | <b>EMC1</b>            | <b>09/01/2006</b> | <b>15/06/2007</b> | <b>100%</b> |   | <a href="#">CP-050529</a> | <b>Ericsson</b>    |             |     |     |
| 673 | 1315          | CT1 IMS aspects to support IMS Emergency sessi             | Rel-7   | C1              | No        | EMC1                   | 09/01/2006        | 15/06/2007        | 100%        | 24.229  | <a href="#">CP-050529</a> | Ericsson           |             |     |     |
| 674 | 13028         | <i>Deleted - CT3 IMS aspects to support IMS Emerg</i>      | Rel-7   | C3              | No        | <i>EMC1</i>            | <i>08/05/2006</i> | <i>15/09/2006</i> | 100%        | 29.163  | <a href="#">CP-050529</a> | Ericsson           |             |     |     |
| 675 | 13031         | <i>Deleted - CT3 PS domain aspects to support IMS .</i>    | Rel-7   | C3              | No        | <i>EMC1</i>            | <i>08/05/2006</i> | <i>15/09/2006</i> | 100%        | 29.061  | <a href="#">CP-050529</a> | Ericsson           |             |     |     |
| 676 | 1646          | CT1 PS domain aspects to support IMS Emergenc              | Rel-7   | C1              | No        | EMC1                   | 09/01/2006        | 15/06/2007        | 100%        | 24.008, 24.234                                    | <a href="#">CP-050529</a> | Ericsson           |             |     |     |
| 677 | 14026         | CT4 PS domain aspects to support IMS Emergenc              | Rel-7   | C4              | No        | EMC1-GPRSc4            | 09/01/2006        | 01/06/2007        | 100%        | 29.060  | <a href="#">CP-050529</a> | Ericsson           |             |     |     |
| 678 | 11065         | <b>IMS Support of Conferencing</b>                         | Rel-7   | C1              | No        | IMSconf                | 04/11/2005        | 15/03/2007        | 100%        | 24.147, 24.229                                    | <a href="#">CP-070120</a> | Alcatel-Lucent     |             |     |     |
| 679 | 34033         | <b>Performance Characterization of VoIMS</b>               | Rel-7   | S4              | No        | VoIMS-PCVoIMS          | 15/03/2005        | 06/12/2007        | 100%        | 26.935  | <a href="#">SP-050089</a> | Alcatel-Lucent     |             |     |     |
| 680 | <b>31062</b>  | <b>WLAN-UMTS Interworking Phase 2</b>                      | Rel-7   | <b>S1</b>       | <b>No</b> | <b>WLAN2</b>           | <b>05/01/2004</b> | <b>07/06/2005</b> | <b>100%</b> | <b>33.234 (SP-36 SA3</b>                          | <a href="#">SP-030712</a> | <b>Telenor</b>     |             |     |     |
| 681 | 31057         | Stage 1 on Session Continuity                              | Rel-7   | S1              | No        | WLAN-SC                | 05/01/2004        | 11/06/2004        | 100%        | 22.234  |                           |                    |             |     |     |
| 682 | 32096         | Stage 2 on Session Continuity: covered by SAE              | Rel-7   | S2              | No        | WLAN-SC                | 07/06/2005        | 07/06/2005        | 100%        |   |                           |                    |             |     |     |
| 683 | <b>32110</b>  | <b>WLAN Interworking – Private Network ac</b>              | Rel-7   | <b>C1,C3,C4</b> | <b>No</b> | <b>WLANPNA</b>         | <b>10/10/2005</b> | <b>26/09/2006</b> | <b>100%</b> |   | <a href="#">SP-050489</a> | <b>NEC</b>         |             |     |     |
| 684 | 32111         | WLAN-PNA - Stage 2   | Rel-7   | S2              | No        | WLANPNA-st2            | 10/10/2005        | 23/06/2006        | 100%        | 23.234, 33.234                                    | <a href="#">SP-050489</a> | NEC                |             |     |     |
| 685 | <b>11059</b>  | <b>WLAN-PNA - Stage 3</b>                                  | Rel-7   | <b>C1,C3,C4</b> | <b>No</b> | <b>WLANPNA-st3</b>     | <b>01/02/2006</b> | <b>26/09/2006</b> | <b>100%</b> |   | <a href="#">CP-060256</a> | <b>NEC</b>         |             |     |     |
| 686 | 11064         | CT1 aspets for WLAN-PNA                                    | Rel-7   | C1              | No        | WLANPNA-st3            | 01/02/2006        | 26/09/2006        | 100%        | 24.234  | <a href="#">CP-060256</a> | NEC                |             |     |     |
| 687 | 13027         | CT3 aspets for WLAN-PNA                                    | Rel-7   | C3              | No        | WLANPNA-st3            | 01/02/2006        | 26/09/2006        | 100%        | 29.161  | <a href="#">CP-060256</a> | NEC                |             |     |     |
| 688 | 14024         | <i>Deleted - CT4 aspets for WLAN-PNA</i>                   | Rel-7   | C4              | No        | <i>WLANPNA-st3</i>     | <i>01/02/2006</i> | <i>26/09/2006</i> | 100%        | 29.234  | <a href="#">CP-060256</a> | NEC                |             |     |     |
| 689 | <b>32092</b>  | <b>Enhancements to support QoS provisor</b>                | Rel-7   | <b>S2,C4,C1</b> | <b>No</b> | <b>WLANQOS</b>         | <b>14/03/2005</b> | <b>09/03/2007</b> | <b>100%</b> |   | <a href="#">SP-050682</a> | <b>Samsung</b>     |             |     |     |
| 690 | 7015          | <i>Deleted - TR on support of QoS on WLAN</i>              | Rel-7   | S2              | No        | WLANQOS                | 14/03/2005        | 31/01/2006        | 100%        | 23.836  | <a href="#">SP-050682</a> | Samsung            |             |     |     |
| 691 | 7016          | Stage 2 on support of QoS over 3GPP/WLAN interwork         | Rel-7   | S2              | No        | WLANQOS                | 01/02/2006        | 30/06/2006        | 100%        | 23.234  | <a href="#">SP-050682</a> | Samsung            |             |     |     |
| 692 | 14028         | Stage 3 CT4 on support of QoS over 3GPP/WLAN Inte          | Rel-7   | C4              | No        | WLANQOS                | 22/09/2006        | 09/03/2007        | 100%        | 29.234, 23.008                                    | <a href="#">CP-060418</a> | Huawei             |             |     |     |
| 693 | 340005        | Stage 3 CT1 on support of QoS over 3GPP/WLAN Inte          | Rel-7   | C1              | No        | WLANQOS                | 04/09/2006        | 30/11/2006        | 100%        | 24.234  | <a href="#">CP-060418</a> | Huawei             |             |     |     |
| 694 | <b>32079</b>  | <b>Location Services enhancements</b>                      | Rel-7   | <b>S1,C4,R2</b> | <b>No</b> | <b>LCS3</b>            | <b>28/06/2004</b> | <b>17/12/2007</b> | <b>100%</b> |   | <a href="#">SP-040682</a> |                    |             |     |     |
| 695 | 32093         | Stage 2 for LCS3 (including IMS emergency location as      | Rel-7   | S2              | No        | LCS3                   | 31/12/2004        | 15/09/2006        | 100%        | 23.271  | <a href="#">SP-050119</a> | SIRF               |             |     |     |
| 696 | 50558         | LCS Enhancements related to Location-Based Service         | Rel-7   | GP              | No        | LCS3-LBS               | 03/01/2005        | 31/08/2007        | 100%        | 43.059, 44.031, 48.6                              | <a href="#">GP-050265</a> | SIRF               |             |     |     |
| 697 | 14025         | CT4 aspects for LCS UEPos-LBS                              | Rel-7   | C4              | No        | LCS3-UEPos-LBS         | 02/01/2006        | 01/12/2006        | 100%        | 24.030, 24.080, 29.6                              | <a href="#">CP-050240</a> | SIRF               |             |     |     |
| 698 | 20042         | UE positioning - Velocity                                  | Rel-7   | R2              | No        | LCS3-UEPos-Velocity    | 15/03/2005        | 15/09/2006        | 100%        | 25.305, 25.331, 25.4                              | <a href="#">RP-050300</a> | SIRF               |             |     |     |
| 699 | 20012         | Inclusion of Uplink TDOA UE positioning method in the      | Rel-7   | R2              | No        | LCS3-UEPos-UTDOA       | 15/09/2004        | 17/12/2007        | 100%        | 25.305, 25.453                                    | <a href="#">RP-040387</a> | TruePosition       |             |     |     |
| 700 | <b>31052</b>  | <b>LCS for 3GPP Interworking WLAN</b>                      | Rel-7   | <b>S1</b>       | <b>No</b> | <b>LCS3-IWLAN</b>      | <b>28/06/2004</b> | <b>02/03/2007</b> | <b>100%</b> | <b>22.935</b>                                     | <a href="#">SP-060291</a> | <b>Telcordia</b>   |             |     |     |
| 701 | 32077         | FS on 3GPP system to WLAN Interworking with LC             | Rel-7   | S1              | No        | LCS3-IWLAN-FSs1        | 28/06/2004        | 30/06/2006        | 100%        | 22.935  | <a href="#">SP-060291</a> | Telcordia          |             |     |     |
| 702 | 32108         | <i>Delete - Study of work on an LCS architecture for i</i> | Rel-7   | S2              | No        | <i>LCS3-IWLAN-FSs2</i> | <i>26/06/2006</i> | <i>02/03/2007</i> | 100%        | 23.837  | <a href="#">SP-060291</a> | LG Electronics     |             |     |     |
| 703 | 340007        | Stage 2 for LCS architecture for I-WLAN                    | Rel-7   | S2              | No        | LCS3-IWLAN             | 23/10/2006        | 02/03/2007        | 100%        | 23.234, 23.271, 23.1                              | <a href="#">SP-060818</a> | LG Electronics     |             |     |     |
| 704 | 20030         | <i>Deleted - UE positioning Rel-7</i>                      | Rel-7   | RP              | No        | <i>LCS3-UEPos</i>      | <i>15/09/2004</i> | <i>17/12/2007</i> | 100%        |   |                           |                    |             |     |     |

| ID  | Jnique_IC | Name  | Release | Resource Names | Modified | Acronym         | Start      | Finish     | % Complete | Impacted TSs and TRs   | Hyperlink                 | WI rapporteur name | Qtr 1, 2009 |     |     |
|-----|-----------|---|---------|----------------|----------|-----------------|------------|------------|------------|------------------------|---------------------------|--------------------|-------------|-----|-----|
|     |           |   |         |                |          |                 |            |            |            |                        |                           |                    | Nov         | Jan | Mar |
| 705 | 20054     | <i>Deleted - RAN2 aspects for LBS</i>                 | Rel-7   | R2             | No       | LCS3-UEPos-LBS  | 15/06/2005 | 15/06/2005 | 100%       | 25.305, 25.331, 25.332 |                           | SiRF               |             |     |     |
| 706 | 31084     | <b>MBMS Enhancements</b>                              | Rel-7   | S1             | No       | MBMSE           | 11/07/2005 | 30/11/2007 | 100%       |                        | <a href="#">SP-050389</a> | China Mobile       |             |     |     |
| 707 | 340041    | Stage 1 of MBMSE                                      | Rel-7   | S1,R1,C3       | No       | MBMSE           | 11/07/2005 | 08/12/2005 | 100%       | 22.146, 22.246, 22.247 | <a href="#">SP-050389</a> | China Mobile       |             |     |     |
| 708 | 340042    | MBMS FDD Physical layer Enhancements                  | Rel-7   | R1             | No       | MBMSE-RANPhysFC | 15/12/2006 | 04/06/2007 | 100%       | 25.211, 25.212, 25.213 | <a href="#">RP-070226</a> | Ericsson           |             |     |     |
| 709 | 340043    | MBMS TDD Physical layer Enhancements                  | Rel-7   | R1             | No       | MBMSE-RANPhysTC | 15/12/2006 | 04/06/2007 | 100%       | 25.346, 25.221, 25.222 | <a href="#">RP-070241</a> | IPWireless         |             |     |     |
| 710 | 350022    | MBMS Low Chip Rate TDD Physical Layer Enhancements    | Rel-7   | R1             | No       | MBMSE-RANPhysLC | 16/03/2007 | 10/09/2007 | 100%       | 25.346, 25.221, 25.222 | <a href="#">RP-070253</a> | RITT               |             |     |     |
| 711 | 340046    | MBMS Mz interface                                     | Rel-7   | C3             | No       | MBMSMz          | 04/12/2006 | 30/11/2007 | 100%       | 29.061                 | <a href="#">CP-070109</a> | Huawei             |             |     |     |
| 712 | 34038     | <b>MBMS User Service Extensions</b>                   | Rel-7   | S4             | No       | MBMSUSE         | 07/12/2005 | 07/06/2007 | 100%       | 26.346, 26.946         | <a href="#">SP-050838</a> | Ericsson           |             |     |     |
| 713 | 31051     | <b>Advanced Global Navigation Satellite System</b>    | Rel-7   | S1,GP,R2       | No       | LCS3-AGNSS      | 28/06/2004 | 31/08/2007 | 100%       |                        | <a href="#">SP-040681</a> | Alcatel            |             |     |     |
| 714 | 50548     | Towards A-GNSS Concept                                | Rel-7   | GP             | No       | AGNSS-GP        | 28/06/2004 | 31/08/2007 | 100%       |                        | <a href="#">GP-042677</a> | Alcatel            |             |     |     |
| 715 | 20050     | Global Navigation Satellite System (GNSS) in UTRAN    | Rel-7   | R2             | No       | LCS3-GNSS-UTRAN | 15/12/2005 | 04/06/2007 | 100%       | 25.305, 25.331, 25.332 | <a href="#">RP-060211</a> | France Telecom     |             |     |     |
| 716 | 50551     | <i>Deleted - Towards A-GNSS Concept</i>               | Rel-7   | S1             | No       | GNSS            | 16/02/2007 | 16/02/2007 | 100%       |                        | <a href="#">GP-042677</a> | Alcatel            |             |     |     |
| 717 | 50581     | <b>A-GPS Minimum Performance</b>                      | Rel-7   | GP             | No       | GAGR            | 28/04/2006 | 31/08/2007 | 100%       | 45.005, 51.010         | <a href="#">GP-060834</a> | Spirent            |             |     |     |
| 718 | 31048     | <b>USSD message delivery and transfer to UTRAN</b>    | Rel-7   | S1,C6          | No       | USSD-USIM       | 05/03/2004 | 12/08/2005 | 100%       |                        | <a href="#">SP-040104</a> | Axalto             |             |     |     |
| 719 | 31060     | Stage 1   | Rel-7   | S1             | No       | USSD-USIM       | 18/03/2004 | 15/10/2004 | 100%       | 22.090                 | <a href="#">SP-040104</a> | Axalto             |             |     |     |
| 720 | 43008     | Alignment with requirements regarding UTRAN           | Rel-7   | C6             | No       | USSD-USIM       | 05/03/2004 | 12/08/2005 | 100%       |                        | <a href="#">TP-040069</a> | Axalto             |             |     |     |
| 721 | 31063     | <b>Combinational Services</b>                         | Rel-7   | S2,C1,S4       | No       | CSICS           | 17/01/2005 | 06/03/2006 | 100%       |                        | <a href="#">SP-050228</a> | TeliaSonera        |             |     |     |
| 722 | 31064     | Stage 1 for CSICS                                     | Rel-7   | S1             | No       | CSICS           | 17/01/2005 | 09/06/2005 | 100%       | 22.279                 | <a href="#">SP-050228</a> | TeliaSonera        |             |     |     |
| 723 | 32084     | Stage 2 for CSICS                                     | Rel-7   | S2             | No       | CSICS           | 17/01/2005 | 15/07/2005 | 100%       | 23.279                 | <a href="#">SP-050228</a> | TeliaSonera        |             |     |     |
| 724 | 11054     | Stage 3 for CSICS CN aspects                          | Rel-7   | C1             | No       | CSICS           | 02/05/2005 | 06/03/2006 | 100%       | 24.879, 24.279, 24.280 | <a href="#">CP-060105</a> | Vodafone           |             |     |     |
| 725 | 34031     | Stage 3 for codec aspects                             | Rel-7   | S4             | No       | CSICS-Codec     | 15/03/2005 | 07/12/2005 | 100%       | 26.141, 26.235         | <a href="#">SP-050091</a> | Ericsson           |             |     |     |
| 726 | 31065     | <b>CAMEL Trunk Triggers</b>                           | Rel-7   | S1,C4          | No       | TTCAMEL         | 17/12/2004 | 05/12/2005 | 100%       |                        | <a href="#">SP-040743</a> | Nortel             |             |     |     |
| 727 | 31066     | Stage 1 for CAMEL Trunk Triggers                      | Rel-7   | S1             | No       | TTCAMEL         | 17/12/2004 | 05/12/2005 | 100%       | 22.078                 | <a href="#">SP-040743</a> | Nortel             |             |     |     |
| 728 | 14017     | CAMEL Trunk Originated Trigger Detection Points       | Rel-7   | C4             | No       | CamelR7         | 17/12/2004 | 05/12/2005 | 100%       |                        | <a href="#">NP-040550</a> | Nortel             |             |     |     |
| 729 | 31088     | <b>IMS Service Brokering enhancements</b>             | Rel-7   | S1             | No       | ISB             | 07/12/2005 | 13/03/2006 | 100%       | 22.228                 | <a href="#">SP-050830</a> | Telcordia          |             |     |     |
| 730 | 320027    | Stage 1 for ISB                                       | Rel-7   | S1             | No       | ISB-s1          | 07/12/2005 | 13/03/2006 | 100%       | 22.228                 | <a href="#">SP-050830</a> | Telcordia          |             |     |     |
| 731 | 11045     | <b>Enhancements of VGCS for public authentication</b> | Rel-7   | S1             | No       | EVGCS           | 27/08/2004 | 15/06/2007 | 100%       | 43.068, 44.068, 24.068 |                           |                    |             |     |     |
| 732 | 31061     | Stage 1   | Rel-7   | S1             | No       | EVGCS           | 27/08/2004 | 27/08/2004 | 100%       | 42.068, 43.068         | <a href="#">SP-040304</a> | Siemens            |             |     |     |
| 733 | 11056     | <b>Architecture and protocol aspects</b>              | Rel-7   | C1             | No       | EVGCS           | 27/08/2004 | 15/06/2007 | 100%       | 43.068, 44.068         | <a href="#">CP-050528</a> | Siemens            |             |     |     |
| 734 | 11062     | CT1 aspects of EVGCS                                  | Rel-7   | C1             | No       | EVGCS           | 27/08/2004 | 15/06/2007 | 100%       | 43.068, 44.068, 24.068 |                           | Siemens            |             |     |     |
| 735 | 14022     | CT4 aspects of EVGCS                                  | Rel-7   | C4             | No       | EVGCS-St23-c4   | 27/08/2004 | 10/03/2006 | 100%       | 29.002                 | <a href="#">CP-050528</a> | Siemens            |             |     |     |
| 736 | 752076    | GERAN2 aspects  | Rel-7   | G2             | No       | EVGCS           | 27/08/2004 | 16/02/2007 | 100%       |                        | <a href="#">GP-071855</a> | Siemens            |             |     |     |
| 737 | 11055     | <b>Improvements of VGCS for parallel use cases</b>    | Rel-7   | S1             | No       | IVGCS           | 15/03/2005 | 15/03/2007 | 100%       |                        | <a href="#">SP-070167</a> |                    |             |     |     |
| 738 | 31070     | Service Requirements for VGCS improvements            | Rel-7   | S1             | No       | IVGCS           | 15/03/2005 | 08/06/2005 | 100%       | 42.068                 | <a href="#">SP-070167</a> | T-Mobile           |             |     |     |
| 739 | 32090     | Stage 2 modifications for VGCS improvements           | Rel-7   | C1             | No       | IVGCS           | 01/12/2005 | 14/03/2007 | 100%       | 43.068                 | <a href="#">NP-050141</a> | T-Mobile           |             |     |     |
| 740 | 11057     | <b>Protocol aspects</b>                               | Rel-7   | C1             | No       | IVGCS           | 01/12/2005 | 15/03/2007 | 100%       | 44.068                 | <a href="#">NP-050141</a> | T-Mobile           |             |     |     |
| 741 | 11063     | CT1 aspects of IVGCS                                  | Rel-7   | C1             | No       | IVGCS           | 01/12/2005 | 15/03/2007 | 100%       | 43.068, 44.068         | <a href="#">CP-070118</a> | T-Mobile           |             |     |     |
| 742 | 14023     | <i>Deleted - CT4 aspects of IVGCS</i>                 | Rel-7   | C4             | No       | IVGCS-St3-c4    | 09/03/2007 | 09/03/2007 | 100%       | 29.002                 | <a href="#">NP-050141</a> | T-mobile           |             |     |     |
| 743 | 31071     | <b>OSA Rel-7</b>                                      | Rel-7   | S1,C5          | No       | OSA7            | 15/03/2005 | 08/06/2007 | 100%       |                        | <a href="#">SP-050183</a> | AePONA             |             |     |     |
| 744 | 31072     | Service Requirements for OSA Service Broker           | Rel-7   | S1             | No       | OSA7-SB         | 15/03/2005 | 08/06/2005 | 100%       | 22.127                 | <a href="#">SP-050183</a> | AePONA             |             |     |     |
| 745 | 43011     | Stage 2 OSA API Service Brokering                     | Rel-7   | C5             | No       | OSA7-SB         | 28/04/2006 | 01/12/2006 | 100%       | 23.198                 | <a href="#">CP-060607</a> | AePONA             |             |     |     |
| 746 | 7017      | Stage 3 OSA API Service Brokering                     | Rel-7   | C5             | No       | OSA7-SB         | 28/04/2006 | 01/12/2006 | 100%       | 29.198-16              |                           | AePONA             |             |     |     |
| 747 | 15039     | <b>OSA Stage 2/3 enhancements</b>                     | Rel-7   | C5             | No       | OSA7            | 28/04/2006 | 08/06/2007 | 100%       | 29.198/9, 23.198       | <a href="#">CP-070200</a> | AePONA             |             |     |     |
| 748 | 7018      | Parlay X Message Broadcast Web Service                | Rel-7   | C5             | No       | OSA7            | 28/04/2006 | 01/12/2006 | 100%       | 29.199-15, 23.198      |                           | ETRI               |             |     |     |

| ID  | Jnique_IC     | Name  | Release      | Resource Names  | Modifie   | Acronym          | Start             | Finish            | % Complete  | Impacted TSs and TRs        | Hyperlink                 | WI rapporteur name | Qtr 1, 2009 |     |     |
|-----|---------------|---|--------------|-----------------|-----------|------------------|-------------------|-------------------|-------------|-----------------------------|---------------------------|--------------------|-------------|-----|-----|
|     |               |   |              |                 |           |                  |                   |                   |             |                             |                           |                    | Nov         | Jan | Mar |
| 749 | 7019          | Parlay X Geocoding Web Service                                  | Rel-7        | C5              | No        | OSA7             | 28/04/2006        | 01/12/2006        | 100%        | 29.199-16, 23.198           |                           | ETRI               |             |     |     |
| 750 | 7020          | Parlay X Application driven QoS Web Service                     | Rel-7        | C5              | No        | OSA7             | 28/04/2006        | 09/03/2007        | 100%        | 29.199-17, 23.198           |                           | BT                 |             |     |     |
| 751 | 340001        | Parlay-X Device Capabilities and Configuration                  | Rel-7        | C5              | No        | OSA7             | 26/10/2006        | 08/06/2007        | 100%        | 29.199-18, 23.198           |                           | Telenor            |             |     |     |
| 752 | 340002        | Parlay-X Multimedia Streaming Session Managem                   | Rel-7        | C5              | No        | OSA7             | 26/10/2006        | 09/03/2007        | 100%        | 29.199-19, 23.198           |                           | Telenor            |             |     |     |
| 753 | 340003        | Parlay-X Multimedia Multicast Control Web Service               | Rel-7        | C5              | No        | OSA7             | 26/10/2006        | 09/03/2007        | 100%        | 29.199-20, 23.198           |                           | ETRI               |             |     |     |
| 754 | 340004        | OSA API Conference Call Control SCF                             | Rel-7        | C5              | No        | OSA7             | 26/10/2006        | 09/03/2007        | 100%        | 29.198-04-5, 23.198         |                           | Ericsson           |             |     |     |
| 755 | <b>31053</b>  | <b>Selective Disabling of UE Capabilities</b>                   | <b>Rel-7</b> | <b>S1,S2,C1</b> | <b>No</b> | <b>SDoUE</b>     | <b>24/01/2005</b> | <b>15/06/2007</b> | <b>100%</b> |                             | <a href="#">SP-050182</a> | <b>Motorola</b>    |             |     |     |
| 756 | 32088         | Stage 1 of SDoUE  | Rel-7        | S1              | No        | SDoUE-CR         | 24/01/2005        | 08/12/2006        | 100%        | 22.011                      | <a href="#">SP-050182</a> | Motorola           |             |     |     |
| 757 | 32089         | <i>Deleted - TR on different possible architectures</i>         | Rel-7        | S2              | No        | SDoUE-FS         | 21/03/2005        | 16/12/2005        | 100%        | 23.805 abandoned            | <a href="#">SP-050182</a> | Vodafone           |             |     |     |
| 758 | 7036          | Stage 3 of SDoUE  | Rel-7        | C1              | No        | SDoUE            | 10/03/2006        | 15/06/2007        | 100%        | 24.305                      | <a href="#">CP-070121</a> | Ericsson           |             |     |     |
| 759 | <b>7041</b>   | <b>Network selection enhancements (NSP)</b>                     | <b>Rel-7</b> | <b>S1</b>       | <b>No</b> | <b>NSP-CR</b>    | <b>15/03/2006</b> | <b>15/06/2007</b> | <b>100%</b> | <b>22.101, 22.011, 23.1</b> | <a href="#">SP-060220</a> | <b>O2</b>          |             |     |     |
| 760 | 320012        | Stage 1 of NSP  | Rel-7        | S1              | No        | NSP-TS           | 15/03/2006        | 06/12/2006        | 100%        | 22.101, 22.011, 23.1        | <a href="#">SP-060220</a> | O2                 |             |     |     |
| 761 | 320013        | Procedural aspects of NSP                                       | Rel-7        | C1              | No        | NSP-CR           | 02/06/2006        | 15/06/2007        | 100%        | 23.122, 24.008, 31.1        | <a href="#">CP-060357</a> | Motorola           |             |     |     |
| 762 | 25048         | <b>Network Selection enhancements (NSP)</b>                     | Rel-7        | R5              | Yes       | NSP-CR_UEConTest | 01/06/2007        | 05/12/2008        | 100%        | 34.108, 34.123-1, 34.123-2  | <a href="#">RP-080135</a> | Nokia              |             |     |     |
| 763 | <b>32064</b>  | <b>Access Class Barring and Overload Prot</b>                   | <b>Rel-7</b> | <b>S2,C1</b>    | <b>No</b> | <b>ACBOP</b>     | <b>15/03/2004</b> | <b>08/09/2006</b> | <b>100%</b> | <b>23.898</b>               | <a href="#">SP-040338</a> | <b>Vodafone</b>    |             |     |     |
| 764 | 32065         | TR on Stage 2   | Rel-7        | S2              | No        | ACBOP            | 15/03/2004        | 31/03/2005        | 100%        | 23.898                      | <a href="#">SP-040338</a> | <b>NTT DoCoMo</b>  |             |     |     |
| 765 | 11048         | Stage 3 CN aspects of ACBOP                                     | Rel-7        | C1              | No        | ACBOP            | 06/06/2005        | 31/01/2006        | 100%        | 24.008                      |                           |                    |             |     |     |
| 766 | 20010         | <i>Deleted - Potential impact on lu interface Overload func</i> | Rel-7        | RP              | No        | ACBOP            | 15/03/2004        | 15/03/2004        | 100%        | 25.413                      |                           |                    |             |     |     |
| 767 | 20009         | <i>Deleted - Extra ACBOP information in RAN</i>                 | Rel-7        | RP              | No        | ACBOP            | 15/03/2004        | 15/03/2004        | 100%        | 25.331                      |                           |                    |             |     |     |
| 768 | 50117         | <i>Deleted - Extra ACBOP information in GERAN</i>               | Rel-7        | GP              | No        | ACBOP            | 08/09/2006        | 08/09/2006        | 100%        | 44.018                      |                           |                    |             |     |     |
| 769 | <b>32074</b>  | <b>System enhancements for fixed broadband</b>                  | <b>Rel-7</b> | <b>C1,C3,C4</b> | <b>No</b> | <b>FBI</b>       | <b>05/11/2003</b> | <b>15/03/2007</b> | <b>100%</b> |                             |                           |                    |             |     |     |
| 770 | <b>7001</b>   | <b>TISPAN Rel 1 related aspects</b>                             | <b>Rel-7</b> | <b>S2</b>       | <b>No</b> | <b>FBI-TIS1</b>  | <b>05/11/2003</b> | <b>09/03/2007</b> | <b>100%</b> |                             |                           |                    |             |     |     |
| 771 | 32075         | Stage 2 of FBI for TISPAN R1                                    | Rel-7        | S2              | No        | FBI-TIS1         | 14/10/2004        | 08/03/2006        | 100%        |                             |                           |                    |             |     |     |
| 772 | <b>11050</b>  | <b>Protocol impact of FBI for TISPAN R1</b>                     | <b>Rel-7</b> | <b>C1</b>       | <b>No</b> | <b>FBI-TIS1</b>  | <b>05/11/2003</b> | <b>09/03/2007</b> | <b>100%</b> |                             | <a href="#">NP-040618</a> | <b>Siemens</b>     |             |     |     |
| 773 | 11060         | CT1 aspects of FBI for TISPAN R1                                | Rel-7        | C1              | No        | FBI-TIS1         | 05/11/2003        | 30/11/2006        | 100%        | 24.819, 24.229              | <a href="#">NP-040618</a> | Siemens            |             |     |     |
| 774 | 13025         | CT3 aspects of FBI for TISPAN R1                                | Rel-7        | C3              | No        | FBI-TIS1         | 05/11/2003        | 08/12/2006        | 100%        | 29.163, 29.209              | <a href="#">NP-040618</a> | Siemens            |             |     |     |
| 775 | 14020         | CT4 aspects of FBI for TISPAN R1                                | Rel-7        | C4              | No        | FBI-TIS1-st3-c4  | 13/01/2006        | 09/03/2007        | 100%        | 29.229                      | <a href="#">NP-040618</a> | Siemens            |             |     |     |
| 776 | 33027         | Security Enhancements for FBI                                   | Rel-7        | S3              | No        | FBI-ISE          | 28/06/2005        | 08/12/2005        | 100%        | 33.203                      | <a href="#">SP-050395</a> | Ericsson           |             |     |     |
| 777 | <b>7002</b>   | <b>PacketCable Related aspects</b>                              | <b>Rel-7</b> | <b>S2,S5,C1</b> | <b>No</b> | <b>FBI-PCBL</b>  | <b>01/02/2006</b> | <b>15/03/2007</b> | <b>100%</b> |                             | <a href="#">SP-060145</a> | <b>CableLabs</b>   |             |     |     |
| 778 | 7003          | Stage 1,2 of FBI for PacketCable                                | Rel-7        | S2              | No        | FBI-PCBL         | 01/02/2006        | 15/12/2006        | 100%        | 22.228, 23.228              | <a href="#">SP-060145</a> | CableLabs          |             |     |     |
| 779 | 7004          | Protocol impact of FBI for PacketCable                          | Rel-7        | C1              | No        | FBI-PCBL         | 01/05/2006        | 15/03/2007        | 100%        |                             |                           |                    |             |     |     |
| 780 | 7032          | SA5 Charging aspects of FBI for PacketCable                     | Rel-7        | S5              | No        | FBI-PCBL-CH      | 31/03/2006        | 07/12/2006        | 100%        | 32.240, 32.260, 32.261      | <a href="#">SP-060145</a> | CableLabs          |             |     |     |
| 781 | <b>32081</b>  | <b>Support of SMS over generic 3GPP IP ac</b>                   | <b>Rel-7</b> | <b>S2,C4,C1</b> | <b>No</b> | <b>SMSIP</b>     | <b>14/10/2004</b> | <b>15/06/2007</b> | <b>100%</b> |                             | <a href="#">SP-060658</a> | <b>Huawei</b>      |             |     |     |
| 782 | 32094         | FS on SMSIP   | Rel-7        | S2              | No        | SMSIP            | 14/10/2004        | 13/06/2005        | 100%        | 23.804                      | <a href="#">SP-060658</a> | Huawei             |             |     |     |
| 783 | 32095         | Stage 2 for SMSIP   | Rel-7        | S2              | No        | SMSIP            | 08/06/2005        | 15/09/2006        | 100%        | 23.204                      | <a href="#">SP-060658</a> | Huawei             |             |     |     |
| 784 | <b>310001</b> | <b>Stage 3 for SMSIP</b>  | <b>Rel-7</b> | <b>C4,C1</b>    | <b>No</b> | <b>SMSIP-St3</b> | <b>08/06/2005</b> | <b>15/06/2007</b> | <b>100%</b> |                             | <a href="#">CP-060697</a> | <b>Nokia</b>       |             |     |     |
| 785 | 310002        | CT1 aspects for SMSIP   | Rel-7        | C1              | No        | SMSIP            | 08/06/2005        | 15/06/2007        | 100%        | 23.040, 24.229              | <a href="#">CP-060697</a> | Nokia              |             |     |     |
| 786 | 310003        | CT4 aspects for SMSIP   | Rel-7        | C4              | No        | SMSIP-St3-c4     | 08/06/2005        | 01/06/2007        | 100%        | 23.008, 29.002              | <a href="#">CP-060697</a> | Nokia              |             |     |     |
| 787 | <b>32082</b>  | <b>Evolution of Policy Control and Charging</b>                 | <b>Rel-7</b> | <b>S5,C3,C1</b> | <b>No</b> | <b>PCC</b>       | <b>14/10/2004</b> | <b>30/11/2007</b> | <b>100%</b> |                             | <a href="#">SP-060217</a> | <b>Nokia</b>       |             |     |     |
| 788 | 32102         | <i>Deleted - TR for PCC</i>                                     | Rel-7        | S2              | No        | PCC              | 14/10/2004        | 29/12/2005        | 100%        | 23.803                      | <a href="#">SP-060217</a> | Nokia              |             |     |     |
| 789 | 32103         | Stage 2 for PCC   | Rel-7        | S2              | No        | PCC              | 04/07/2005        | 15/09/2006        | 100%        | 23.203                      | <a href="#">SP-060217</a> | Nokia              |             |     |     |
| 790 | 32109         | Evolution of policy control and flow based bearer level c       | Rel-7        | S2              | No        | PCC              | 01/08/2006        | 29/12/2006        | 100%        | 23.207, 23.002, 23.1        | <a href="#">SP-060217</a> | Nokia              |             |     |     |
| 791 | 7033          | SA5 Charging aspects of PCC                                     | Rel-7        | S5              | No        | PCC-CH           | 31/03/2006        | 15/06/2007        | 100%        | 32.250, 32.251, 32.2        | <a href="#">SP-060217</a> | Orange             |             |     |     |
| 792 | 13029         | Gx reference point for Policy and Charging Control              | Rel-7        | C3              | No        | PCC-Gx           | 02/12/2005        | 30/11/2007        | 100%        | 29.212 (not progres         | <a href="#">CP-060434</a> | Siemens            |             |     |     |



| ID  | Jnique_IC | Name  | Release | Resource Names | Modifie | Acronym          | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                 | WI rapporteur name | Qtr 1, 2009 |     |     |
|-----|-----------|---|---------|----------------|---------|------------------|------------|------------|------------|----------------------|---------------------------|--------------------|-------------|-----|-----|
|     |           |   |         |                |         |                  |            |            |            |                      |                           |                    | Nov         | Jan | Mar |
| 793 | 13030     | Rx reference point for PCC CT3 aspects                | Rel-7   | C3,C1          | No      | PCC-Rx           | 02/12/2005 | 30/11/2007 | 100%       |                      | <a href="#">CP-060435</a> | Ericsson           |             |     |     |
| 794 | 310006    | PCC-Rx CT3 aspects                                    | Rel-7   | C3             | No      | PCC-Rx-c3        | 02/12/2005 | 30/11/2007 | 100%       | 29.213, 29.214 (not  | <a href="#">CP-060435</a> | Ericsson           |             |     |     |
| 795 | 7008      | PCC-Rx CT1 aspects                                    | Rel-7   | C1             | No      | PCC-Rx-Gx-c1     | 02/12/2005 | 15/06/2007 | 100%       | 24.229               | <a href="#">CP-060435</a> | Ericsson           |             |     |     |
| 796 | 32091     | Voice call continuity between CS and IM               | Rel-7   | S5,C1,C4       | No      | VCC              | 31/12/2004 | 15/06/2007 | 100%       |                      | <a href="#">SP-060292</a> | Alcatel-Lucent     |             |     |     |
| 797 | 32104     | TR for VCC  | Rel-7   | S2             | No      | VCC              | 31/12/2004 | 08/12/2005 | 100%       | 23.806               | <a href="#">SP-060292</a> | Alcatel-Lucent     |             |     |     |
| 798 | 31085     | Stage 1 for VCC                                       | Rel-7   | S1             | No      | VCC              | 17/03/2005 | 28/09/2005 | 100%       | 22.101               | <a href="#">SP-060292</a> | Alcatel-Lucent     |             |     |     |
| 799 | 32105     | Stage 2 for VCC                                       | Rel-7   | S2             | No      | VCC              | 06/09/2005 | 08/09/2006 | 100%       | 23.206               | <a href="#">SP-060292</a> | Alcatel-Lucent     |             |     |     |
| 800 | 35079     | SA5 Charging aspects of VCC                           | Rel-7   | S5             | No      | VCC-CH           | 17/03/2006 | 14/06/2007 | 100%       | 32.250, 32.260       | <a href="#">SP-060292</a> | Orange             |             |     |     |
| 801 | 11058     | Stage 3 for VCC                                       | Rel-7   | C1,C4          | No      | VCC              | 01/02/2006 | 15/06/2007 | 100%       |                      | <a href="#">CP-070186</a> | Alcatel-Lucent     |             |     |     |
| 802 | 11066     | CT1 aspects of VCC                                    | Rel-7   | C1             | No      | VCC              | 01/02/2006 | 15/06/2007 | 100%       | 24.206, 24.216       | <a href="#">CP-070186</a> | Alcatel-Lucent     |             |     |     |
| 803 | 14027     | CT4 aspects of VCC                                    | Rel-7   | C4             | No      | VCC-St3-c4       | 09/06/2006 | 09/03/2007 | 100%       | 23.003               | <a href="#">CP-070186</a> | Alcatel-Lucent     |             |     |     |
| 804 | 13032     | Deleted - CT3 aspects of VCC                          | Rel-7   | C3             | No      | VCC              | 02/11/2006 | 02/11/2006 | 100%       | 29.163               | <a href="#">CP-070186</a> | Alcatel-Lucent     |             |     |     |
| 805 | 7046      | One Tunnel solution for Optimisation of               | Rel-7   | S2             | No      | OPTUNEL          | 27/03/2006 | 31/10/2007 | 100%       |                      | <a href="#">SP-060819</a> | Nokia              |             |     |     |
| 806 | 320002    | Deleted - Study on Stage 2 for One Tunnel solution    | Rel-7   | S2             | No      | OPTUNEL-Study    | 27/03/2006 | 15/09/2006 | 100%       | 23.809               | <a href="#">SP-060819</a> | Nokia              |             |     |     |
| 807 | 340013    | One Tunnel Deployment Guideline                       | Rel-7   | S2             | No      | OPTUNEL-Guide    | 23/10/2006 | 31/10/2007 | 100%       | 23.919               | <a href="#">SP-060819</a> | Huawei             |             |     |     |
| 808 | 320003    | Stage 2 specification for One Tunnel solution         | Rel-7   | S2             | No      | OPTUNEL-Stage2   | 11/09/2006 | 15/12/2006 | 100%       | 23.060               | <a href="#">SP-060819</a> | Nokia              |             |     |     |
| 809 | 320029    | CSI Terminating Session handling                      | Rel-7   | S2,C1          | No      | CSItemS          | 08/06/2006 | 15/06/2007 | 100%       |                      | <a href="#">SP-060437</a> | Samsung            |             |     |     |
| 810 | 340014    | Stage 2 of CSItemS                                    | Rel-7   | S2             | No      | CSItemS          | 08/06/2006 | 02/03/2007 | 100%       | 23.279               | <a href="#">SP-060437</a> | Samsung            |             |     |     |
| 811 | 340015    | Stage 3 of CSItemS                                    | Rel-7   | C1             | No      | CSItemS          | 14/12/2006 | 15/06/2007 | 100%       | 24.229, 24.279       | <a href="#">CP-070239</a> | Samsung            |             |     |     |
| 812 | 340011    | Deleted - duplicated with UID 340015 -Stage 3 CSI Ter | Rel-7   | C1             | No      | CSItemS          | 09/03/2007 | 09/03/2007 | 100%       | 24.229, 24.179, 24.2 | <a href="#">CP-060647</a> | Samsung            |             |     |     |
| 813 | 33022     | Liberty Alliance and 3GPP Security Inter              | Rel-7   | S3             | No      | LibSec           | 10/03/2005 | 30/11/2006 | 100%       | 33.980               | <a href="#">SP-050145</a> | Nokia              |             |     |     |
| 814 | 33023     | Trust Requirements for Open Platforms                 | Rel-7   | S3             | No      | TrustOP          | 03/01/2005 | 30/11/2006 | 100%       | 33.905               | <a href="#">SP-040863</a> | Nokia              |             |     |     |
| 815 | 33024     | Development of UEA2 and UIA2                          | Rel-7   | S3             | No      | AlgUEA2          | 01/12/2004 | 09/12/2005 | 100%       | 35.919, 35.215, 35.2 | <a href="#">SP-040864</a> | TeliaSonera        |             |     |     |
| 816 | 33026     | Lawful Interception in the 3GPP Rel-7 ar              | Rel-7   | S3             | No      | LI-7A            | 28/06/2005 | 08/12/2005 | 100%       | 33.106, 33.107, 33.1 | <a href="#">SP-050237</a> | BMWl               |             |     |     |
| 817 | 33028     | Key establishment between a UICC and a                | Rel-7   | S3             | No      | KeyEstUTerm      | 07/12/2005 | 28/09/2006 | 100%       | 33.110               | <a href="#">SP-050780</a> | Gemalto            |             |     |     |
| 818 | 330008    | NDS Authentication Framework Extensio                 | Rel-7   | S3             | No      | NDSAFTLS         | 28/09/2006 | 06/12/2006 | 100%       | 33.310               | <a href="#">SP-060507</a> | Nokia              |             |     |     |
| 819 | 732030    | Security enhancements                                 | Rel-7   | S3,C1,C4       | No      | SEC7             | 12/09/2005 | 30/11/2006 | 100%       |                      |                           |                    |             |     |     |
| 820 | 732031    | HTTPS connection between a UICC and a NAF             | Rel-7   | S3,C1          | No      | SEC7-HSUN        | 12/09/2005 | 12/09/2005 | 100%       | 33.918, 33.222, 24.1 | <a href="#">SP-050573</a> | Gemalto            |             |     |     |
| 821 | 732032    | 2G GBA: 2G SIM usage in 3GPP GAA framework            | Rel-7   | S3             | No      | SEC7-2GGBA       | 12/09/2005 | 05/12/2005 | 100%       | 33.920, 33.220       | <a href="#">SP-050576</a> | Nokia              |             |     |     |
| 822 | 732033    | Generic Authentication Architecture usage extensions  | Rel-7   | S3             | No      | SEC7-GAA2        | 12/09/2005 | 30/11/2006 | 100%       | 33.220, 29.109, 24.1 | <a href="#">SP-060429</a> | Nokia              |             |     |     |
| 823 | 32034     | SS7 TCAP security Gateway                             | Rel-7   | S3,C4          | No      | SEC7-NDS-TCAPsec | 12/09/2005 | 14/08/2006 | 100%       |                      | <a href="#">SP-050579</a> | Siemens            |             |     |     |
| 824 | 310004    | SA3 aspects of SEC7-NDS-TCAPsec                       | Rel-7   | S3             | No      | SEC7-NDS-TCAPsec | 12/09/2005 | 10/03/2006 | 100%       | 33.204               | <a href="#">SP-050579</a> | Siemens            |             |     |     |
| 825 | 310005    | TCAPsec Gateway                                       | Rel-7   | C4             | No      | SEC7-TCAP        | 03/04/2006 | 14/08/2006 | 100%       | 29.204, 29.002       | <a href="#">CP-060170</a> | Siemens            |             |     |     |
| 826 | 711052    | IMS Stage 3 IETF Protocol alignment                   | Rel-7   | C1             | No      | IMSProtoc        | 10/12/2004 | 15/03/2007 | 100%       | 24.930               | <a href="#">CP-060101</a> |                    |             |     |     |
| 827 | 7043      | Interoperability between VGCS/VBS and                 | Rel-7   | C1,C4          | No      | VGCSFlex         | 22/03/2006 | 09/03/2007 | 100%       |                      | <a href="#">CP-060102</a> | Siemens            |             |     |     |
| 828 | 7044      | CT1 aspects of VGCSFlex                               | Rel-7   | C1             | No      | VGCSFlex         | 22/03/2006 | 30/10/2006 | 100%       | 43.068, 43.069       | <a href="#">CP-060102</a> | Siemens            |             |     |     |
| 829 | 7045      | CT4 aspects of VGCSFlex                               | Rel-7   | C4             | No      | VGCSFlex-c4      | 22/03/2006 | 09/03/2007 | 100%       | 29.002               | <a href="#">CP-060102</a> | Siemens            |             |     |     |
| 830 | 13023     | DIAMETER on the GGSN Gi interface                     | Rel-7   | C3             | No      | DIAMGi           | 10/09/2004 | 08/12/2006 | 100%       | 29.061               | <a href="#">CP-060431</a> | Vodafone           |             |     |     |
| 831 | 13022     | DIAMETER on the PDG Wi interface                      | Rel-7   | C3             | No      | DIAMWi           | 10/09/2004 | 08/12/2006 | 100%       | 29.161               | <a href="#">CP-060432</a> | Vodafone           |             |     |     |
| 832 | 13033     | Interworking between the 3GPP CS dom                  | Rel-7   | C3             | No      | ExtSIPI          | 22/09/2006 | 22/07/2008 | 100%       | 29.164               | <a href="#">CP-070101</a> | Siemens            |             |     |     |
| 833 | 340047    | PDU multiplexing at Nb Interface with IP              | Rel-7   | C3             | No      | NbIPMux          | 04/12/2006 | 22/07/2008 | 100%       | 29.414               | <a href="#">CP-070105</a> | Alcatel-Lucent     |             |     |     |
| 834 | 14012     | Mp (MRFC - MRFP) interface                            | Rel-7   | C4,C1          | No      | Mp               | 13/02/2006 | 08/06/2007 | 100%       |                      | <a href="#">CP-070246</a> | Ericsson           |             |     |     |
| 835 | 11061     | CT1 aspects of Mp                                     | Rel-7   | C1             | No      | Mp               | 13/02/2006 | 13/02/2006 | 100%       | 24.229               | <a href="#">CP-070246</a> | Ericsson           |             |     |     |
| 836 | 13026     | Deleted - CT3 aspects of Mp                           | Rel-7   | C3             | No      | Mp               | 22/09/2006 | 22/09/2006 | 100%       | 29.162               |                           | Ericsson           |             |     |     |

| ID  | Jnique_IC     | Name   | Release | Resource Names | Modifie   | Acronym           | Start             | Finish            | % Complete  | Impacted TSs and TRs  | Hyperlink                 | WI rapporteur name | Qtr 1, 2009 |     |     |
|-----|---------------|--|---------|----------------|-----------|-------------------|-------------------|-------------------|-------------|-----------------------|---------------------------|--------------------|-------------|-----|-----|
|     |               |  |         |                |           |                   |                   |                   |             |                       |                           |                    | Nov         | Jan | Mar |
| 837 | 320009        | Procedures description   | Rel-7   | C4             | No        | Mp-PROCC4         | 02/06/2006        | 09/03/2007        | 100%        | 23.333                | <a href="#">CP-070246</a> | Huawei             |             |     |     |
| 838 | 14021         | Stage 3  | Rel-7   | C4             | No        | Mp-SI3c4          | 13/02/2006        | 08/06/2007        | 100%        | 29.333                | <a href="#">CP-070246</a> | Ericsson           |             |     |     |
| 839 | 340016        | <b>Routing of MT-SMs via the HPLMN</b>                         | Rel-7   | C4,C1          | No        | SMSviaH           | 01/12/2006        | 09/03/2007        | 100%        | 23.040, 29.002        | <a href="#">CP-070032</a> | Vodafone           |             |     |     |
| 840 | 350003        | <b>Mobile Termination whilst the MS is mov</b>                 | Rel-7   | C4             | No        | MTmovMS           | 09/03/2007        | 31/05/2007        | 100%        | 23.008, 23.012, 23.0  | <a href="#">CP-070334</a> | Alcatel-Lucent     |             |     |     |
| 841 | 743009        | <b>ISIM API for Java Card</b>                                  | Rel-7   | C6             | No        | APIJAVA           | 14/03/2005        | 27/07/2007        | 100%        | 31.103, 102.241       | <a href="#">CP-050145</a> | Sun                |             |     |     |
| 842 | 330001        | <b>High speed interface between the UICC a</b>                 | Rel-7   | C6             | No        | HSI               | 22/09/2006        | 30/11/2007        | 100%        | 31.101                | <a href="#">CP-070259</a> | Gemalto            |             |     |     |
| 843 | 34030         | <b>Video Codec Performance Requirements</b>                    | Rel-7   | S4             | No        | VICPer            | 03/01/2005        | 07/06/2007        | 100%        | 26.234, 26.235, 26.3  | <a href="#">SP-040836</a> | Siemens            |             |     |     |
| 844 | 34032         | <b>Dynamic and Interactive Multimedia Sce</b>                  | Rel-7   | S4             | No        | DIMS              | 15/03/2005        | 07/06/2007        | 100%        | 26.140, 26.142, 26.2  | <a href="#">SP-050195</a> | Streamezzo         |             |     |     |
| 845 | 34034         | <b>3G-324M Video Telephony Call Setup Tin</b>                  | Rel-7   | S4             | No        | VTCTI             | 08/06/2005        | 27/09/2006        | 100%        | 26.911                | <a href="#">SP-050404</a> | Vodafone           |             |     |     |
| 846 | <b>34035</b>  | <b>Optimizations for Multimedia Telephony</b>                  | Rel-7   | <b>S4</b>      | <b>No</b> | <b>OMTIMS</b>     | <b>28/09/2005</b> | <b>28/09/2005</b> | <b>100%</b> | <b>26.235, 26.236</b> | <a href="#">SP-060226</a> | <b>Ericsson</b>    |             |     |     |
| 847 | 34037         | <i>Deleted - Characterisation of Adaptive Jitter Managemen</i> | Rel-7   | S4             | No        | OMTIMS-CAJMP      | 28/09/2005        | 28/09/2005        | 100%        |                       | <a href="#">SP-050432</a> | Lucent             |             |     |     |
| 848 | 34036         | <b>End-to-End Multimedia Services Perform</b>                  | Rel-7   | S4             | No        | E2EMSPM           | 28/09/2005        | 15/03/2007        | 100%        | 26.944                | <a href="#">SP-050433</a> | China Mobile       |             |     |     |
| 849 | 34039         | <b>Packet Switched Streaming Enhancemen</b>                    | Rel-7   | S4             | No        | PSSe              | 08/06/2006        | 07/06/2007        | 100%        | 26.234, 26.244        | <a href="#">SP-060361</a> | Ericsson           |             |     |     |
| 850 | <b>35041</b>  | <b>OAM&amp;P</b>   | Rel-7   | <b>S5</b>      | <b>No</b> | <b>OAM7</b>       | <b>02/09/2005</b> | <b>26/06/2007</b> | <b>100%</b> |                       | <a href="#">TR 30.817</a> | <b>Huawei</b>      |             |     |     |
| 851 | <b>35042</b>  | <b>Network Infrastructure Management</b>                       | Rel-7   | <b>S5</b>      | <b>No</b> | <b>OAM7-NIM</b>   | <b>02/09/2005</b> | <b>14/06/2007</b> | <b>100%</b> |                       |                           |                    |             |     |     |
| 852 | 35044         | Enhance NRM to accommodate NGN (IMS as bas                     | Rel-7   | S5             | No        | OAM7-NIM          | 02/09/2005        | 14/06/2007        | 100%        | 32.731/2/3/5, 32.631  | <a href="#">SP-050302</a> | Motorola           |             |     |     |
| 853 | 35046         | Co-operative Element Management interface (CO-                 | Rel-7   | S5             | No        | OAM7-NIM          | 02/09/2005        | 15/03/2007        | 100%        | 32.806, 32.814, 32.1  | <a href="#">SP-050304</a> | Motorola           |             |     |     |
| 854 | 35047         | Network Management (NM) Itf-N performance crite                | Rel-7   | S5             | No        | OAM7-NIM          | 02/09/2005        | 14/06/2007        | 100%        | 32.811                | <a href="#">SP-050305</a> | China Mobile       |             |     |     |
| 855 | 35048         | Delta synchronization between IRP Manager and I                | Rel-7   | S5             | No        | OAM7-NIM          | 02/09/2005        | 14/06/2007        | 100%        | 32.391/2/3/5          | <a href="#">SP-050306</a> | Siemens            |             |     |     |
| 856 | 35049         | Subscription Management (SuM) IRP Solution Set:                | Rel-7   | S5             | No        | OAM7-NIM          | 02/09/2005        | 07/12/2006        | 100%        | 32.307/317/607/667    | <a href="#">SP-060739</a> | Ericsson           |             |     |     |
| 857 | 35050         | Integration Reference Point (IRP) Security Manage              | Rel-7   | S5             | No        | OAM7-NIM          | 02/09/2005        | 15/03/2007        | 100%        | 32.372/3/5, 32.111,3  | <a href="#">SP-050308</a> | Huawei             |             |     |     |
| 858 | 35052         | Partial suspension of Itf-N during maintenance/test            | Rel-7   | S5             | No        | OAM7-NIM          | 02/09/2005        | 14/06/2007        | 100%        | 32.381/2/3/5          | <a href="#">SP-050310</a> | Siemens            |             |     |     |
| 859 | 35054         | <i>Deleted - Management of Legacy Equipment</i>                | Rel-7   | S5             | No        | OAM7-NIM          | 02/09/2005        | 15/12/2006        | 100%        | new 32.xxx            | <a href="#">SP-050312</a> | Siemens            |             |     |     |
| 860 | 35055         | <i>Deleted - Rules for Vendor Specific Extensions</i>          | Rel-7   | S5             | No        | OAM7-NIM          | 02/09/2005        | 15/03/2007        | 100%        | 32.62n; For n = 1 to  | <a href="#">SP-050313</a> | Siemens            |             |     |     |
| 861 | 35064         | Backward and Forward Compatibility of IRP system               | Rel-7   | S5             | No        | OAM7-NIM          | 02/09/2005        | 14/06/2007        | 100%        | 32.154                | <a href="#">SP-050630</a> | Ericsson           |             |     |     |
| 862 | 35071         | Repeater Network Resource Model (NRM) definitio                | Rel-7   | S5             | No        | OAM7-NIM          | 13/02/2006        | 07/12/2006        | 100%        | 32.721/2/3/5          | <a href="#">SP-050731</a> | China Mobile       |             |     |     |
| 863 | 35072         | UTRAN radio channel power monitoring                           | Rel-7   | S5             | No        | OAM7-NIM          | 13/02/2006        | 15/03/2007        | 100%        | 32.405, 32.64n; For   | <a href="#">SP-050733</a> | China Mobile       |             |     |     |
| 864 | 340009        | Notification XML Schema  | Rel-7   | S5             | No        | OAM7-NIM          | 07/12/2006        | 15/03/2007        | 100%        | New 32.325/345/366    | <a href="#">SP-060754</a> | Huawei             |             |     |     |
| 865 | <b>35043</b>  | <b>Performance Management</b>                                  | Rel-7   | <b>S5</b>      | <b>No</b> | <b>OAM7-PM</b>    | <b>02/09/2005</b> | <b>14/06/2007</b> | <b>100%</b> |                       |                           |                    |             |     |     |
| 866 | 35057         | Performance measurements definition for CN CS                  | Rel-7   | S5             | No        | OAM7-PM           | 02/09/2005        | 15/03/2007        | 100%        | 32.407, 32.408        | <a href="#">SP-050315</a> | China Mobile       |             |     |     |
| 867 | 35058         | Enhancement UTRAN performance measurements                     | Rel-7   | S5             | No        | OAM7-PM           | 02/09/2005        | 14/06/2007        | 100%        | 32.405                | <a href="#">SP-050316</a> | China Mobile       |             |     |     |
| 868 | 35059         | Add TDD specific counters in Performance measu                 | Rel-7   | S5             | No        | OAM7-PM           | 02/09/2005        | 07/12/2006        | 100%        | 32.405                | <a href="#">SP-050317</a> | CATT               |             |     |     |
| 869 | 35060         | ATM bearer network Performance measurements                    | Rel-7   | S5             | No        | OAM7-PM           | 02/09/2005        | 15/03/2007        | 100%        | No impact on 32.404   | <a href="#">SP-050318</a> | ZTE                |             |     |     |
| 870 | 35069         | Performance measurements definition for IMS                    | Rel-7   | S5             | No        | OAM7-PM           | 02/09/2005        | 14/06/2007        | 100%        | 32.404,32.409,32.43   | <a href="#">SP-050631</a> | China Mobile       |             |     |     |
| 871 | 35073         | HSDPA performance measurements                                 | Rel-7   | S5             | No        | OAM7-PM           | 13/02/2006        | 14/06/2007        | 100%        | 32.405                | <a href="#">SP-060379</a> | China Mobile       |             |     |     |
| 872 | <b>35039</b>  | <b>Trace Management</b>  | Rel-7   | <b>S5</b>      | <b>No</b> | <b>OAM7-Trace</b> | <b>02/09/2005</b> | <b>26/06/2007</b> | <b>100%</b> |                       | <a href="#">SP-050628</a> | <b>Vodafone</b>    |             |     |     |
| 873 | 35040         | End-to-end Service Level tracing for IMS                       | Rel-7   | S5             | No        | OAM7-Trace        | 11/11/2005        | 15/03/2007        | 100%        | CR 32.101, 32.421/2   | <a href="#">SP-050627</a> | Vodafone           |             |     |     |
| 874 | 35062         | Trace record content for UTRAN TDD                             | Rel-7   | S5             | No        | OAM7-Trace        | 02/09/2005        | 07/12/2006        | 100%        | CR 32.421/2/3.        | <a href="#">SP-050628</a> | Nokia              |             |     |     |
| 875 | 35063         | IRP for Subscriber and Equipment Trace Managen                 | Rel-7   | S5             | No        | OAM7-Trace        | 02/09/2005        | 14/06/2007        | 100%        | 32.441/2/3/5, CRs 3   | <a href="#">SP-050629</a> | Nokia              |             |     |     |
| 876 | 11046         | <i>Deleted - SIP enhancements for trace</i>                    | Rel-7   | C1             | No        | OAM7-Trace        | 15/06/2007        | 26/06/2007        | 100%        |                       |                           |                    |             |     |     |
| 877 | 35070         | <i>Deleted - duplicated with UID 35063 - IRP for Subs</i>      | Rel-7   | S5             | No        | OAM7-Trace        | 02/09/2005        | 15/12/2006        | 100%        | 32.421,32.422,32.43   | <a href="#">SP-050629</a> | Nokia              |             |     |     |
| 878 | <b>320007</b> | <b>Charging Management small Enhancemen</b>                    | Rel-7   | <b>S5</b>      | <b>No</b> | <b>CH7</b>        | <b>22/05/2006</b> | <b>14/06/2007</b> | <b>100%</b> |                       |                           | <b>Orange</b>      |             |     |     |
| 879 | 320008        | Alternate Charged Party (ACP) for IMS                          | Rel-7   | S5             | No        | CH7-IMS-ACP       | 22/05/2006        | 14/06/2007        | 100%        | 32.240, 32.260, 32.2  | <a href="#">SP-060442</a> | Lucent             |             |     |     |
| 880 | 330004        | Align 3GPP Charging with OMA PoC Enabler Release 3             | Rel-7   | S5             | No        | CH7-PoC           | 28/09/2006        | 14/06/2007        | 100%        | 32.240, 32.272, 32.2  | <a href="#">SP-060546</a> | Siemens            |             |     |     |

| ID  | Jnique_IC | Name   | Release | Resource Names | Modifie | Acronym             | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                     | WI rapporteur name | Qtr 1, 2009 |     |     |
|-----|-----------|--|---------|----------------|---------|---------------------|------------|------------|------------|----------------------|-------------------------------|--------------------|-------------|-----|-----|
|     |           |  |         |                |         |                     |            |            |            |                      |                               |                    | Nov         | Jan | Mar |
| 881 | 2468      | <b>Multiple Input Multiple Output antennas</b>             | Rel-7   | R1             | No      | MIMO                | 14/03/2003 | 17/09/2007 | 100%       | 25.876, 25.996       | <a href="#">RP-030192</a>     | Alcatel-Lucent     |             |     |     |
| 882 | 21006     | MIMO - Physical layer                                      | Rel-7   | R1             | No      | MIMO-Phys           | 12/09/2003 | 15/03/2007 | 100%       | 25.211, 25.212, 25.2 | <a href="#">RP-030192</a>     | Alcatel-Lucent     |             |     |     |
| 883 | 22003     | MIMO - Layer 2,3 aspects                                   | Rel-7   | R2             | No      | MIMO-L23            | 12/09/2003 | 15/03/2007 | 100%       | 25.876               | <a href="#">RP-030192</a>     | Alcatel-Lucent     |             |     |     |
| 884 | 23008     | MIMO - lub/lur Protocol Aspects                            | Rel-7   | R3             | No      | MIMO-lurub          | 14/03/2003 | 15/03/2007 | 100%       |                      | <a href="#">RP-030192</a>     | Alcatel-Lucent     |             |     |     |
| 885 | 24008     | MIMO - RF Radio Transmission/Reception, System Per         | Rel-7   | R4             | No      | MIMO-RF             | 12/12/2003 | 17/09/2007 | 100%       |                      | <a href="#">RP-030192</a>     | Alcatel-Lucent     |             |     |     |
| 886 | 20028     | <b>Rel-7 Improvements of the Radio Interfac</b>            | Rel-7   | RP             | No      | RInImp              | 15/09/2004 | 04/06/2007 | 100%       |                      |                               |                    |             |     |     |
| 887 | 20060     | Extended UMTS 1.7/2.1 GHz                                  | Rel-7   | R4             | No      | RInImp-UMTS1721E    | 15/03/2006 | 15/12/2006 | 100%       | 25.806, 25.101, 25.1 | <a href="#">RP-060180</a>     | Ericsson           |             |     |     |
| 888 | 20067     | UMTS 2.6 GHz 7.68 Mcps TDD                                 | Rel-7   | R4             | No      | RInImp-UMTS26VHC    | 15/06/2006 | 15/09/2006 | 100%       | 25.102, 25.105, 25.1 | <a href="#">RP-060349</a>     | IPWireless         |             |     |     |
| 889 | 20021     | UMTS 2.6 GHz   | Rel-7   | R4             | No      | RInImp-UMTS2600     | 15/09/2004 | 14/06/2005 | 100%       | 25.101, 25.104, 25.1 | <a href="#">RP-040397</a>     | Nokia              |             |     |     |
| 890 | 20025     | UMTS 2.6 GHz TDD   | Rel-7   | R4             | No      | RInImp-UMTS2600TI   | 15/12/2004 | 14/12/2005 | 100%       | 25.102, 25.105, 25.1 | <a href="#">RP-040553</a>     | IPWireless         |             |     |     |
| 891 | 20027     | UMTS 900 MHz   | Rel-7   | R4             | No      | RInImp-UMTS900      | 15/12/2004 | 14/12/2005 | 100%       | 25.101, 25.104, 25.1 | <a href="#">RP-040541</a>     | Nortel             |             |     |     |
| 892 | 20043     | UMTS 1700 MHz  | Rel-7   | R4             | No      | RInImp-UMTS1700     | 15/03/2005 | 14/12/2005 | 100%       | 25.101, 25.104, 25.1 | <a href="#">RP-050385</a>     | NTT DoCoMo         |             |     |     |
| 893 | 20024     | UE Antenna Performance Evaluation Method and Requ          | Rel-7   | R4             | No      | RInImp-UEAnt        | 15/12/2004 | 04/06/2007 | 100%       | 25.101, 25.963       | <a href="#">RP-050122</a>     | TeliaSonera        |             |     |     |
| 894 | 20045     | Improved Performance Requirements for HSDPA UE b           | Rel-7   | R4             | No      | RInImp-HSPerf-Type  | 15/03/2005 | 15/03/2005 | 100%       | 25.101               | <a href="#">RP-050362</a>     | Cingular           |             |     |     |
| 895 | 20062     | <b>Additional minimum UE performance requirement f</b>     | Rel-7   | R4             | No      | RInImp-RxDiv        | 15/09/2005 | 15/12/2006 | 100%       | 25.101               |                               | Qualcomm           |             |     |     |
| 896 | 20048     | Additional minimum UE performance requirement f            | Rel-7   | R4             | No      | RInImp-RxDiv-DCH    | 15/09/2005 | 14/06/2006 | 100%       | 25.101               | <a href="#">RP-060185</a>     | Cingular           |             |     |     |
| 897 | 7028      | Additional minimum UE performance requirement f            | Rel-7   | R4             | No      | RInImp-RxDiv-MBMS   | 15/03/2006 | 15/12/2006 | 100%       | 25.101               | <a href="#">RP-060183</a>     | Qualcomm           |             |     |     |
| 898 | 7029      | Additional minimum UE performance requirement f            | Rel-7   | R4             | No      | RInImp-RxDiv-EDCH   | 15/03/2006 | 15/12/2006 | 100%       | 25.101               | <a href="#">RP-060184</a>     | Qualcomm           |             |     |     |
| 899 | 20049     | <i>Deleted Improved support of gaming over HSDPA/EDC</i>   | Rel-7   | R2             | No      | RInImp-Gaming       | 15/12/2005 | 15/12/2006 | 100%       |                      | <a href="#">_Work_Items</a>   | Cingular           |             |     |     |
| 900 | 20047     | <i>Deleted (not approved at PCG) - UMTS 2.6 GHz FDD L</i>  | Rel-7   | R4             | No      | RInImp-UMTS2600E    | 15/09/2005 | 15/09/2005 | 100%       | 25.101, 25.104, 25.1 |                               | T-mobile           |             |     |     |
| 901 | 25025     | <b>Rel-7 Improvements of the Radio Interfac</b>            | Rel-7   | R5             | No      | RInImp-UEConTest    | 11/11/2005 | 12/09/2008 | 100%       |                      | <a href="#">xt applicable</a> |                    |             |     |     |
| 902 | 25007     | <b>UE conformance testing for UMTS 2600 M</b>              | Rel-7   | R5             | No      | RInImp-UMTS2600_1   | 11/11/2005 | 02/06/2006 | 100%       | 34.108, 34.121       | <a href="#">_Work_Items</a>   | Nokia              |             |     |     |
| 903 | 25008     | <b>UE Conformance Test for UMTS 900 MHz</b>                | Rel-7   | R5             | No      | RInImp-UMTS900_Te   | 11/11/2005 | 02/06/2006 | 100%       | 34.108, 34.121       | <a href="#">_Work_Items</a>   | Qualcomm           |             |     |     |
| 904 | 25013     | <b>Conformance Test Aspects – Improved Pe</b>              | Rel-7   | R5             | No      | RInImp-HSPerf-Type  | 10/03/2006 | 01/12/2006 | 100%       | 34.121, 34.108       | <a href="#">_Work_Items</a>   | Motorola           |             |     |     |
| 905 | 25020     | <b>UE antenna Over The Air (OTA) conforma</b>              | Rel-7   | R5             | Yes     | RInImp-UEAnt_Test   | 20/09/2006 | 12/09/2008 | 100%       | 34.114               | <a href="#">RP-060486</a>     | Nokia              |             |     |     |
| 906 | 25015     | <b>UE conformance testing for FDD Inter-Bar</b>            | Rel-7   | R5             | No      | RInImp-InterBand_Te | 02/06/2006 | 01/12/2006 | 100%       | 34.108, 34.123-1, 34 | <a href="#">_Work_Items</a>   | NEC, Motorola      |             |     |     |
| 907 | 25028     | <b>Conformance Test Aspects – Extended U</b>               | Rel-7   | R5             | No      | RInImp-UEConTest_L  | 01/12/2006 | 01/06/2007 | 100%       | 34.108, 34.121-1, 34 | <a href="#">RP-060676</a>     | Motorola           |             |     |     |
| 908 | 25039     | <b>Conformance Test Aspects – Minimum UE</b>               | Rel-7   | R5             | No      | RInImp-UEConTest_L  | 01/06/2007 | 07/12/2007 | 100%       |                      | <a href="#">RP-070414</a>     | Motorola           |             |     |     |
| 909 | 25040     | <b>Conformance Test Aspects – Minimum UE</b>               | Rel-7   | R5             | Yes     | RInImp-UEConTest_L  | 01/06/2007 | 07/03/2008 | 100%       |                      | <a href="#">RP-070381</a>     | Ericsson           |             |     |     |
| 910 | 20029     | <b>Rel-7 RAN improvements</b>                              | Rel-7   | RP             | No      | RANimp              | 15/12/2004 | 15/06/2007 | 100%       |                      |                               |                    |             |     |     |
| 911 | 20026     | Optimisation of channelisation code utilisation for 1.28 M | Rel-7   | R1             | No      | RANimp-RABSE-Cod    | 15/12/2004 | 15/12/2006 | 100%       |                      | <a href="#">RP-040552</a>     | UTStarcom          |             |     |     |
| 912 | 20031     | Delay optimisation for procedures applicable to CS and     | Rel-7   | R2             | No      | RANimp-DelayOpt     | 15/03/2005 | 15/09/2006 | 100%       | 25.815, 25.321, 25.3 | <a href="#">RP-050386</a>     | Nokia              |             |     |     |
| 913 | 20132     | Improved support of IMS Realtime Services using HSD        | Rel-7   | R2             | No      | RANimp-IMSRealTim   | 15/03/2005 | 14/12/2005 | 100%       |                      | <a href="#">RP-050160</a>     | Cingular           |             |     |     |
| 914 | 20033     | UE Performance Requirements for MBMS (TDD)                 | Rel-7   | R4             | No      | MBMS-RAN-RF-TDD     | 15/03/2005 | 15/06/2006 | 100%       | 25.102, 25.123       | <a href="#">RP-050156</a>     | IPWireless         |             |     |     |
| 915 | 20046     | <b>Continuous connectivity for packet data u</b>           | Rel-7   | R1             | No      | RANimp-CPC          | 14/03/2005 | 15/03/2007 | 100%       | 25.903, 25.201, 25.2 | <a href="#">RP-050870</a>     | Siemens            |             |     |     |
| 916 | 7030      | Extended WCDMA Cell Range                                  | Rel-7   | R3             | No      | RANimp-ExtCell      | 15/03/2006 | 15/12/2006 | 100%       | 25.133, 25.423, 25.4 | <a href="#">RP-060212</a>     | Ericsson           |             |     |     |
| 917 | 7031      | 7.68 Mcps TDD Enhanced Uplink                              | Rel-7   | R1             | No      | RANimp-VHCR-TDD-I   | 15/03/2006 | 15/12/2006 | 100%       | 25.201, 25.202, 25.2 | <a href="#">RP-060119</a>     | IPWireless         |             |     |     |
| 918 | 330009    | Enhanced CELL_FACH State in FDD                            | Rel-7   | R2             | No      | RANimp-EnhState     | 25/09/2006 | 04/06/2007 | 100%       | 25.308, 25.304, 25.3 | <a href="#">RP-070245</a>     | Nokia              |             |     |     |
| 919 | 340038    | 64QAM for HSDPA (FDD)                                      | Rel-7   | R1             | No      | RANimp-64QamDow     | 15/12/2006 | 04/06/2007 | 100%       | 25.308, 25.211, 25.2 | <a href="#">RP-070223</a>     | Ericsson           |             |     |     |
| 920 | 340039    | Improved L2 support for high data rates                    | Rel-7   | R2             | No      | RANimp-L2DataRate   | 15/12/2006 | 04/06/2007 | 100%       | 25.301, 25.308, 25.3 | <a href="#">RP-070242</a>     | Ericsson           |             |     |     |
| 921 | 340040    | Introduction of 16QAM in HSUPA (FDD)                       | Rel-7   | R1             | No      | RANimp-16QamUpln    | 15/12/2006 | 04/06/2007 | 100%       | 25.319, 25.101, 25.1 | <a href="#">RP-060844</a>     | Nokia              |             |     |     |
| 922 | 20066     | <b>Interface to control Tower Mounted Amplifiers (TM</b>   | Rel-7   | R3             | No      | RANimp-TMA          | 26/01/2007 | 15/06/2007 | 100%       |                      | <a href="#">RP-060418</a>     | Vodafone           |             |     |     |
| 923 | 340045    | OAM aspects to Interface to control TMAs                   | Rel-7   | S5             | No      | RANimp-TMA-OAM      | 26/01/2007 | 15/06/2007 | 100%       | 32.642/3/5 – Align w |                               | Vodafone           |             |     |     |
| 924 | 25026     | <b>Rel-7 RAN improvements - UE Conforma</b>                | Rel-7   | R5             | No      | RANimp-UEConTes     | 20/09/2006 | 29/05/2009 | 96%        |                      | <a href="#">xt applicable</a> |                    |             |     |     |

| ID  | Jnique_IC    | Name   | Release | Resource Names | Modifie | Acronym            | Start             | Finish            | % Complete  | Impacted TSs and TRs        | Hyperlink                     | WI rapporteur name | Qtr 1, 2009 |     |     |
|-----|--------------|--|---------|----------------|---------|--------------------|-------------------|-------------------|-------------|-----------------------------|-------------------------------|--------------------|-------------|-----|-----|
|     |              |  |         |                |         |                    |                   |                   |             |                             |                               |                    | Nov         | Jan | Mar |
| 925 | 25021        | <b>Conformance Test Aspects - 3.84 Mcps an</b>         | Rel-7   | R5             | Yes     | RANimp-UEConTest   | 20/09/2006        | 12/09/2008        | 100%        | 34.108, 34.122, 34.1        | <a href="#">RP-060484</a>     | IPWireless         |             |     |     |
| 926 | 25031        | <b>Conformance Test Aspects – 64QAM for F</b>          | Rel-7   | R5             | Yes     | RANimp-UEConTest   | 09/03/2007        | 03/03/2008        | 100%        | 34.108, 34.121-1, 34        | <a href="#">RP-071319</a>     | Ericsson           |             |     |     |
| 927 | 25032        | <b>Conformance Test Aspects – 16QAM for F</b>          | Rel-7   | R5             | Yes     | RANimp-UEConTest   | 09/03/2007        | 30/05/2008        | 100%        | 34.108, 34.121-1, 34        | <a href="#">RP-070022</a>     | Motorola           |             |     |     |
| 928 | 25033        | <b>Conformance Test Aspects – Improved L2</b>          | Rel-7   | R5             | Yes     | RANimp-UEConTest   | 09/03/2007        | 30/05/2008        | 100%        | 34.108, 34.123-1, 34        | <a href="#">RP-070020</a>     | Ericsson           |             |     |     |
| 929 | 25034        | <b>Conformance Test Aspects – Continuous</b>           | Rel-7   | R5             | Yes     | RANimp-UEConTest   | 09/03/2007        | 30/05/2008        | 100%        | 34.108, 34.121-1, 34        | <a href="#">RP-070023</a>     | Nokia              |             |     |     |
| 930 | 25035        | <b>Conformance Test Aspects – Enhanced C</b>           | Rel-7   | R5             | No      | RANimp-UEConTest   | 09/03/2007        | 29/05/2009        | 85%         | 34.108, 34.123-1, 34        | <a href="#">RP-080730</a>     | Nokia              |             |     |     |
| 931 | <b>20014</b> | <b>7.68Mcps TDD option</b>                             | Rel-7   | RP             | No      | VHCRTDD            | <b>15/09/2004</b> | <b>15/06/2006</b> | <b>100%</b> |                             | <a href="#">RP-060119</a>     | IPWireless         |             |     |     |
| 932 | 20015        | VHCRTDD: Stage 2                                       | Rel-7   | R1             | No      | VHCRTDD-Stage2     | 15/09/2004        | 15/03/2006        | 100%        | 25.202                      | <a href="#">Items_History</a> | IPWireless         |             |     |     |
| 933 | 20016        | VHCRTDD: Physical Layer                                | Rel-7   | R1             | No      | VHCRTDD-Phys       | 15/09/2004        | 15/03/2006        | 100%        | 25.221, 25.222, 25.2        | <a href="#">Items_History</a> | IPWireless         |             |     |     |
| 934 | 20017        | VHCRTDD: Layer 2 and layer 3 protocol aspects          | Rel-7   | R2             | No      | VHCRTDD-L23        | 15/09/2004        | 15/03/2006        | 100%        | 25.301, 25.302, 25.3        | <a href="#">Items_History</a> | IPWireless         |             |     |     |
| 935 | 20018        | VHCRTDD: UTRAN Iub/Iur Protocol Aspects                | Rel-7   | R3             | No      | VHCRTDD-IurIub     | 15/09/2004        | 15/03/2006        | 100%        | 25.401, 25.420, 25.4        | <a href="#">Items_History</a> | IPWireless         |             |     |     |
| 936 | 20019        | VHCRTDD: RF Radio Transmission/ Reception, System      | Rel-7   | R4             | No      | VHCRTDD-RF         | 15/09/2004        | 15/06/2006        | 100%        | 25.102, 25.105, 25.1        | <a href="#">Items_History</a> | IPWireless         |             |     |     |
| 937 | <b>20035</b> | <b>3.84 Mcps TDD Enhanced Uplink</b>                   | Rel-7   | RP             | No      | EDCHTDD            | <b>15/03/2005</b> | <b>15/09/2006</b> | <b>100%</b> |                             | <a href="#">RP-050100</a>     | IPWireless         |             |     |     |
| 938 | 20036        | EDCHTDD: Stage 2                                       | Rel-7   | R2             | No      | EDCHTDD-Stage2     | 15/03/2005        | 15/06/2006        | 100%        |                             | <a href="#">Items_History</a> | IPWireless         |             |     |     |
| 939 | 20037        | EDCHTDD: Physical Layer                                | Rel-7   | R1             | No      | EDCHTDD-Phys       | 15/03/2005        | 15/09/2006        | 100%        | 25.201, 25.221,25.2         | <a href="#">Items_History</a> | IPWireless         |             |     |     |
| 940 | 20038        | EDCHTDD: Layer 2 and 3 Protocol Aspects                | Rel-7   | R2             | No      | EDCHTDD-L23        | 15/03/2005        | 15/09/2006        | 100%        | 25.301, 25.302, 25.3        | <a href="#">Items_History</a> | IPWireless         |             |     |     |
| 941 | 20039        | EDCHTDD: UTRAN Iub/Iur Protocol Aspects                | Rel-7   | R3             | No      | EDCHTDD-IurIub     | 15/03/2005        | 15/09/2006        | 100%        | 25.401, 25.420, 25.4        | <a href="#">Items_History</a> | Interdigital       |             |     |     |
| 942 | 20040        | EDCHTDD: RF Radio Transmission/ Reception, System      | Rel-7   | R4             | No      | EDCHTDD-RF         | 15/03/2005        | 15/09/2006        | 100%        | 25.102, 25.105, 25.1        | <a href="#">Items_History</a> | IPWireless         |             |     |     |
| 943 | <b>20055</b> | <b>1.28 Mcps TDD Enhanced Uplink</b>                   | Rel-7   | RP             | No      | LCRTDD-EDCH        | <b>15/03/2006</b> | <b>15/06/2007</b> | <b>100%</b> |                             | <a href="#">RP-060202</a>     | CATT               |             |     |     |
| 944 | 20056        | 1.28 Mcps TDD Enhanced Uplink: Physical Layer          | Rel-7   | R1             | No      | LCRTDD-EDCH-Phy    | 15/03/2006        | 15/03/2007        | 100%        | 25.201, 25.221, 25.2        | <a href="#">Work_Items</a>    | CATT               |             |     |     |
| 945 | 20057        | 1.28 Mcps TDD Enhanced Uplink: Layer 2 and 3 Protoc    | Rel-7   | R2             | No      | LCRTDD-EDCH-L23    | 15/03/2006        | 15/03/2007        | 100%        | 25.301, 25.302, 25.3        | <a href="#">Work_Items</a>    | CATT               |             |     |     |
| 946 | 20058        | 1.28 Mcps TDD Enhanced Uplink: UTRAN Iub/Iur Proto     | Rel-7   | R3             | No      | LCRTDD-EDCH-IubIur | 15/03/2006        | 15/03/2007        | 100%        | 25.401, 25.420, 25.4        | <a href="#">Work_Items</a>    | CATT               |             |     |     |
| 947 | 20059        | 1.28 Mcps TDD Enhanced Uplink: RF Radio Transmiss      | Rel-7   | R4             | No      | LCRTDD-EDCH-RF     | 15/03/2006        | 15/06/2007        | 100%        | 25.102, 25.105, 25.1        | <a href="#">Work_Items</a>    | CATT               |             |     |     |
| 948 | 350146       | <b>1.28 Mcps TDD Enhanced Uplink - UE Cc</b>           | Rel-7   | R5             | Yes     | LCRTDD-EDCH-UEC    | 20/09/2007        | 12/09/2008        | 100%        | 34.108, 34.122, 34.1        | <a href="#">RP-070724</a>     | CATT               |             |     |     |
| 949 | 50118        | <b>MS Antenna Performance Evaluation Me</b>            | Rel-7   | GP             | No      | APEMR              | 28/01/2005        | 16/11/2007        | 100%        | 25.914, 25.144, 45.0        | <a href="#">GP-050284</a>     | TeliaSonera        |             |     |     |
| 950 | <b>50119</b> | <b>Lower 700 MHz Inclusion in the GERAN :</b>          | Rel-7   | GP             | No      | GSM710             | <b>03/01/2005</b> | <b>30/06/2006</b> | <b>100%</b> | <b>24.008, 43.022, 44.0</b> | <a href="#">GP 050543</a>     | UTC                |             |     |     |
| 951 | 51138        | Inclusion of the 698 – 746 MHz band into GERAN core    | Rel-7   | G1             | No      | GSM710-core        | 03/01/2005        | 30/06/2005        | 100%        | 24.008, 43.022, 44.0        |                               |                    |             |     |     |
| 952 | 53084        | G1 aspects of GSM710                                   | Rel-7   | G1             | No      | GSM-710-test       | 31/08/2005        | 30/06/2006        | 100%        | 51.021                      |                               |                    |             |     |     |
| 953 | 55094        | G3 aspects of GSM710                                   | Rel-7   | G3new          | No      | GSM-710-test       | 31/08/2005        | 30/06/2006        | 100%        | 51.010                      |                               |                    |             |     |     |
| 954 | <b>50564</b> | <b>Support of Conversational Services in A</b>         | Rel-7   | GP             | No      | SCSAGB             | <b>08/04/2005</b> | <b>31/08/2007</b> | <b>100%</b> |                             | <a href="#">GP-061501</a>     | Ericsson           |             |     |     |
| 955 | 52143        | Minimise the transfer delay between the SGSN and the   | Rel-7   | GP             | No      | SCSAGB-MTD         | 08/04/2005        | 31/08/2007        | 100%        |                             | <a href="#">GP-061501</a>     | Ericsson           |             |     |     |
| 956 | 51137        | Definition of radio resource management functionality  | Rel-7   | G1             | No      | SCSAGB-RRM         | 08/04/2005        | 31/08/2007        | 100%        |                             | <a href="#">GP-061502</a>     | Ericsson           |             |     |     |
| 957 | 52144        | Support of Conversational Services in A/Gb mode via tl | Rel-7   | G2             | No      | SCSAGB-RLCNP       | 30/06/2006        | 17/11/2006        | 100%        | 43.955, 43.064, 44.0        | <a href="#">GP-061503</a>     | Ericsson           |             |     |     |
| 958 | 52138        | <i>Deleted- Radio Channel Support</i>                  | Rel-7   | G2             | No      | SCSAGB-RCHS        | 17/07/2006        | 17/07/2006        | 100%        |                             | <a href="#">GP-051166</a>     | Ericsson           |             |     |     |
| 959 | 52139        | <i>Deleted- Modifications to FLO</i>                   | Rel-7   | G2             | No      | SCSAGB-FLO         | 17/07/2006        | 17/07/2006        | 100%        |                             | <a href="#">GP-051165</a>     | Ericsson           |             |     |     |
| 960 | <b>50565</b> | <b>Addition of new frequency band to GSM</b>           | Rel-7   | GP             | No      | TGSM810            | <b>08/04/2005</b> | <b>31/08/2007</b> | <b>100%</b> | <b>45.005, 45.050, 24.0</b> | <a href="#">GP-050945</a>     | Huawei             |             |     |     |
| 961 | 50566        | Changes to core specification                          | Rel-7   | GP             | No      | TGSM810-Core       | 08/04/2005        | 02/09/2005        | 100%        | 45.005, 45.050, 24.0        | <a href="#">GP-050946</a>     | Huawei             |             |     |     |
| 962 | 55092        | Changes to MS testing specification                    | Rel-7   | G3new          | No      | TGSM810-MStest     | 08/04/2005        | 31/08/2007        | 100%        | 51010-1                     | <a href="#">GP-050947</a>     | Huawei             |             |     |     |
| 963 | 53082        | Changes to BTS testing specification                   | Rel-7   | G1             | No      | TGSM810-BTStest    | 08/04/2005        | 11/11/2005        | 100%        | 51021                       | <a href="#">GP-050948</a>     | Huawei             |             |     |     |
| 964 | <b>50567</b> | <b>Handover of dedicated and shared resou</b>          | Rel-7   | GP             | No      | HODSRDTM           | <b>08/04/2005</b> | <b>17/11/2006</b> | <b>100%</b> |                             | <a href="#">GP-050979</a>     | Nokia              |             |     |     |
| 965 | 55093        | Handover of dedicated and shared resources while in d  | Rel-7   | G2             | No      | HODSRDTM-G2        | 08/04/2005        | 30/06/2006        | 100%        | 43.055, 44.018, 44.0        | <a href="#">GP-050979</a>     | Nokia              |             |     |     |
| 966 | 55095        | <i>Deleted - MS Conformance Testing</i>                | Rel-7   | G3new          | No      | HODSRDTM-Mstest    | 08/04/2005        | 17/11/2006        | 100%        | 51-010                      | <a href="#">GP-050979</a>     | Nokia              |             |     |     |
| 967 | 53083        | <i>Deleted - BTS conformance testing</i>               | Rel-7   | G1             | No      | HODSRDTM-BTStes    | 08/04/2005        | 17/11/2006        | 100%        | 51.026                      | <a href="#">GP-050979</a>     | Nokia              |             |     |     |
| 968 | <b>50569</b> | <b>Mobile Station Receive Diversity (DARP I</b>        | Rel-7   | GP             | No      | MSRD2              | <b>11/11/2005</b> | <b>16/11/2007</b> | <b>100%</b> | <b>24.008, 45.005, 51.0</b> | <a href="#">GP-061491</a>     | Nokia              |             |     |     |

| ID   | Jnique_IC    | Name   | Release      | Resource Names | Modifie   | Acronym        | Start             | Finish            | % Complete  | Impacted TSs and TRs        | Hyperlink                        | WI rapporteur name                | Qtr 1, 2009 |     |     |
|------|--------------|--|--------------|----------------|-----------|----------------|-------------------|-------------------|-------------|-----------------------------|----------------------------------|-----------------------------------|-------------|-----|-----|
|      |              |  |              |                |           |                |                   |                   |             |                             |                                  |                                   | Nov         | Jan | Mar |
| 969  | 50571        | Performance Requirements for Mobile Station Receive                | Rel-7        | GP             | No        | MSRD2-PerfReq  | 11/11/2005        | 16/02/2007        | 100%        | 45.005                      | <a href="#">GP-060115</a>        | Nokia                             |             |     |     |
| 970  | 50572        | Capability signalling of Mobile Station Receive Diversity          | Rel-7        | GP             | No        | MSRD2-CapSig   | 11/11/2005        | 16/02/2007        | 100%        | 24.008                      | <a href="#">GP-060116</a>        | Nokia                             |             |     |     |
| 971  | 50573        | Test Scenarios for Mobile Station Receive Diversity, D             | Rel-7        | GP             | No        | MSRD2-TestSc   | 11/11/2005        | 16/02/2007        | 100%        | 45.005                      | <a href="#">GP-060117</a>        | Nokia                             |             |     |     |
| 972  | 50570        | MS conformance test of DARP Phase II (MSRD)                        | Rel-7        | GP             | No        | MSRD2-Msconf   | 11/11/2005        | 16/11/2007        | 100%        | 51.010                      | <a href="#">GP-060114</a>        | Nokia                             |             |     |     |
| 973  | <b>50579</b> | <b>Downlink Dual Carrier</b>                                       | <b>Rel-7</b> | <b>GP</b>      | <b>No</b> | <b>GDCDL</b>   | <b>20/01/2006</b> | <b>19/02/2010</b> | <b>67%</b>  | <b>24.008, 43.055, 43.0</b> | <b><a href="#">GP-061331</a></b> | <b>Siemens Networks</b>           |             |     |     |
| 974  | 51139        | Downlink Dual Carrier Stage 2                                      | Rel-7        | G1             | No        | GDCDL-Stage2   | 20/01/2006        | 30/06/2006        | 100%        | 43.055, 43.064              | <a href="#">GP-060484</a>        | Siemens Networks                  |             |     |     |
| 975  | 52142        | Downlink Dual Carrier Stage 3                                      | Rel-7        | G1             | No        | GDCDL-Stage2   | 20/01/2006        | 31/08/2007        | 100%        | 24.008, 44.018, 44.0        | <a href="#">GP-060485</a>        | Siemens Networks                  |             |     |     |
| 976  | 53086        | Downlink Dual Carrier – MS Conformance Test                        | Rel-7        | G3new          | No        | GDCDL-Stage3   | 20/01/2006        | 19/02/2010        | 35%         | 51.010                      | <a href="#">GP-060486</a>        | Siemens Networks                  |             |     |     |
| 977  | 50580        | <b>Support of SIGTRAN in GERAN</b>                                 | Rel-7        | G3new          | No        | GDCDL-MStest   | 20/01/2006        | 30/06/2006        | 100%        | 48.001, 48.006, 43.0        | <a href="#">GP-060450</a>        | Ericsson                          |             |     |     |
| 978  | <b>50582</b> | <b>Latency Reductions</b>  | <b>Rel-7</b> | <b>GP</b>      | <b>No</b> | <b>LATRED</b>  | <b>30/06/2006</b> | <b>31/08/2007</b> | <b>100%</b> | <b>45.001, 45.002, 45.0</b> | <b><a href="#">GP-061519</a></b> | <b>Ericsson</b>                   |             |     |     |
| 979  | 52145        | Improved Ack/Nack reporting  | Rel-7        | G2             | No        | LATRED-ACKNAR  | 30/06/2006        | 31/08/2007        | 100%        | 45.001, 45.002, 45.0        | <a href="#">GP-061520</a>        | Ericsson                          |             |     |     |
| 980  | 52146        | Reduced TTI  | Rel-7        | G2             | No        | LATRED-REDTTI  | 30/06/2006        | 31/08/2007        | 100%        | 45.001, 45.002, 45.0        | <a href="#">GP-061521</a>        | Ericsson                          |             |     |     |
| 981  | 52147        | <b>PS Handover between GERAN/UTRAN m</b>                           | Rel-7        | G2             | No        | GUGAN          | 30/06/2006        | 16/02/2007        | 100%        | 43.318, 44.318, 43.1        | <a href="#">GP-061349</a>        | Ericsson                          |             |     |     |
| 982  | <b>50584</b> | <b>Higher Uplink performance for GERAN E</b>                       | <b>Rel-7</b> | <b>GP</b>      | <b>No</b> | <b>HUGE</b>    | <b>08/09/2006</b> | <b>29/08/2008</b> | <b>100%</b> | <b>24.008, 43.055, 43.0</b> | <b><a href="#">GP-071083</a></b> | <b>Siemens Networks, Ericsson</b> |             |     |     |
| 983  | 51140        | Stage 2 of HUGE  | Rel-7        | G1             | No        | HUGE-Stage2    | 08/09/2006        | 07/09/2007        | 100%        | 43.055, 43.064              | <a href="#">GP-061902</a>        | Siemens Networks, Ericsson        |             |     |     |
| 984  | 51141        | Layer 1 Support of HUGE  | Rel-7        | G1             | No        | HUGE-Layer1    | 08/09/2006        | 22/02/2008        | 100%        | 45.001, 45.002, 45.0        | <a href="#">GP-061903</a>        | Siemens Networks, Ericsson        |             |     |     |
| 985  | 52149        | Layer 2/3 Support of HUGE  | Rel-7        | G2             | No        | HUGE-Layer23   | 08/09/2006        | 31/08/2007        | 100%        | 24.008, 44.018, 44.0        | <a href="#">GP-061904</a>        | Siemens Networks, Ericsson        |             |     |     |
| 986  | 51142        | Performance requirements   | Rel-7        | G1             | No        | HUGE-Perfreq   | 08/09/2006        | 29/08/2008        | 100%        | 45.005                      | <a href="#">GP-061905</a>        | Siemens Networks, Ericsson        |             |     |     |
| 987  | <b>59584</b> | <b>HUGE Conformance Testing</b>                                    | <b>Rel-7</b> | <b>GP</b>      | <b>No</b> | <b>HUGE</b>    | <b>08/09/2006</b> | <b>19/02/2010</b> | <b>44%</b>  | <b>24.008, 43.055, 43.0</b> | <b><a href="#">GP-071083</a></b> | <b>Siemens Networks, Ericsson</b> |             |     |     |
| 988  | 53087        | MS Conformance Test  | Rel-7        | G3new          | No        | HUGE-Mstest    | 08/09/2006        | 19/02/2010        | 5%          | 51.010                      | <a href="#">GP-061906</a>        | Siemens Networks, Ericsson        |             |     |     |
| 989  | 51143        | BTS Conformance Test   | Rel-7        | G1             | No        | HUGE-BTStest   | 08/09/2006        | 15/05/2009        | 95%         | 51.021                      | <a href="#">GP-061907</a>        | Siemens Networks, Ericsson        |             |     |     |
| 990  | <b>50121</b> | <b>Reduced symbol Duration, Higher Order</b>                       | <b>Rel-7</b> | <b>GP</b>      | <b>No</b> | <b>REDHOT</b>  | <b>17/11/2006</b> | <b>16/05/2008</b> | <b>100%</b> | <b>24.008, 43.064, 43.0</b> | <b><a href="#">GP-071080</a></b> | <b>Siemens Networks, Marvell</b>  |             |     |     |
| 991  | 51144        | Stage 2 for REDHOT   | Rel-7        | G1             | No        | REDHOT-Stage2  | 17/11/2006        | 31/08/2007        | 100%        | 43.055, 43.064              | <a href="#">GP-062489</a>        | Siemens Networks, Marvell         |             |     |     |
| 992  | 51145        | Stage 3 for REDHOT   | Rel-7        | G1             | No        | REDHOT-Stage3  | 17/11/2006        | 16/05/2008        | 100%        | 24.008, 44.018, 44.0        | <a href="#">GP-062490</a>        | Siemens Networks, Marvell         |             |     |     |
| 993  | <b>59121</b> | <b>REDHOT Conformance Testing</b>                                  | <b>Rel-7</b> | <b>GP</b>      | <b>No</b> | <b>REDHOT</b>  | <b>17/11/2006</b> | <b>19/02/2010</b> | <b>44%</b>  | <b>24.008, 43.064, 43.0</b> | <b><a href="#">GP-071080</a></b> | <b>Siemens Networks, Marvell</b>  |             |     |     |
| 994  | 53088        | MS Conformance Tests   | Rel-7        | G3new          | No        | REDHOT-Mstest  | 17/11/2006        | 19/02/2010        | 5%          | 51.010                      | <a href="#">GP-062491</a>        | Ericsson                          |             |     |     |
| 995  | 51146        | BTS Conformance Tests  | Rel-7        | G1             | No        | REDHOT-BTStest | 17/11/2006        | 15/05/2009        | 95%         | 51.021                      | <a href="#">GP-062492</a>        | Siemens Networks, Marvell         |             |     |     |
| 996  | 60110        | <b>(Small) Technical Enhancements and Im</b>                       | Rel-7        | All            | No        | TEI7           | 26/03/2007        | 26/03/2007        | 100%        | CP-070260                   |                                  |                                   |             |     |     |
| 997  | 32113        | <i>Deleted - PS domain and IMS support for IMS Emergency s</i>     | Rel-7        | S2             | No        | IMS-EMER       | 23/06/2006        | 21/09/2006        | 100%        | 23.867, 23.abc, 23.0        | <a href="#">SP-050604</a>        | Nokia                             |             |     |     |
| 998  | 32114        | <i>Deleted - IMS aspects to support IMS Emergency sess.</i>        | Rel-7        | S2             | No        | IMS-EMER       | 23/06/2006        | 21/09/2006        | 100%        | 23.867, 23.abc, 23.0        | <a href="#">SP-050604</a>        | Nokia                             |             |     |     |
| 999  | 32115        | <i>Deleted - PS domain aspects to support IMS Emergenc</i>         | Rel-7        | S2             | No        | IMS-EMER       | 23/06/2006        | 21/09/2006        | 100%        | 23.867, 23.abc, 23.0        | <a href="#">SP-050604</a>        | Nokia                             |             |     |     |
| 1000 | 31077        | <i>Deleted - Covered by SI - Personal Network (PN) and Perso</i>   | Rel-7        | S1             | No        | PNPAN          | 08/12/2005        | 20/12/2005        | 100%        |                             | <a href="#">SP-050386</a>        | Vodafone                          |             |     |     |
| 1001 | 31078        | <i>Deleted - Covered by SI - Multimedia Telephony Capabilities</i> | Rel-7        | S1             | No        | MITE           | 08/12/2005        | 20/12/2005        | 100%        |                             | <a href="#">SP-050387</a>        | Ericsson                          |             |     |     |
| 1002 | 31079        | <i>Deleted - Covered by SI - Transferring of emergency Call da</i> | Rel-7        | S1             | No        | eCALL          | 08/12/2005        | 08/12/2005        | 100%        |                             | <a href="#">SP-050388</a>        | Motorola                          |             |     |     |
| 1003 | 31080        | <i>Deleted - Covered by SI - MBMS Enhancements</i>                 | Rel-7        | S1             | No        | MBMSE          | 08/12/2005        | 08/12/2005        | 100%        |                             | <a href="#">SP-050389</a>        | China Mobile                      |             |     |     |
| 1004 | 32099        | <i>Deleted - VoIMS bearer related enhancements</i>                 | Rel-7        | S2             | No        | VoIMS          | 21/07/2006        | 21/07/2006        | 100%        |                             |                                  |                                   |             |     |     |
| 1005 | 32098        | <i>Deleted - FS on enhancement of radio performance for</i>        | Rel-7        | S2             | No        | VoIMS          | 21/07/2006        | 21/07/2006        | 100%        | 23.807                      | <a href="#">SP-050351</a>        | Nortel                            |             |     |     |
| 1006 | 0            | <b>Release 7 Feasibility Studies</b>                               | Rel-7        | P, RP,SP       | No        |                | 03/01/2000        | 03/01/2000        | 0%          |                             |                                  |                                   |             |     |     |
| 1007 | <b>31082</b> | <b>Study on Multimedia Telephony Capabili</b>                      | <b>Rel-7</b> | <b>S1</b>      | <b>No</b> | <b>MITE</b>    | <b>11/07/2005</b> | <b>31/07/2006</b> | <b>100%</b> | <b>22.973</b>               | <b><a href="#">SP-050387</a></b> | <b>Ericsson</b>                   |             |     |     |
| 1008 | 7022         | <i>Deleted covered by UID_31082 - Study of (MiTe) - IMS</i>        | Rel-7        | S1             | No        | MITE           | 11/07/2005        | 31/07/2006        | 100%        | 22.973                      | <a href="#">SP-050387</a>        | Ericsson                          |             |     |     |
| 1009 | 31050        | <b>Study on Behaviour of Multi system UEs</b>                      | Rel-7        | S1             | No        | BMSU           | 28/06/2004        | 15/12/2005        | 100%        | 22.936                      | <a href="#">SP-050502</a>        | Qualcomm                          |             |     |     |
| 1010 | 31055        | <b>Study on Combining CS calls and IMS se</b>                      | Rel-7        | S1             | No        | IRTSD-CS_IMS   | 28/06/2004        | 17/03/2005        | 100%        | 22.979                      | <a href="#">SP-040467</a>        |                                   |             |     |     |
| 1011 | 31059        | <b>Study on All-IP Network</b>                                     | Rel-7        | S1             | No        | FS_AIPN        | 28/06/2004        | 16/03/2005        | 100%        | 22.978                      | <a href="#">SP-040303</a>        | NTT DoCoMo                        |             |     |     |
| 1012 | 31075        | <b>Study on Videotelephony teleservice</b>                         | Rel-7        | S1             | No        | VidTel         | 01/03/2005        | 17/01/2006        | 100%        | 22.903                      | <a href="#">SP-050506</a>        | T-Mobile                          |             |     |     |



| ID   | Jnique_IC     | Name  | Release      | Resource Names | Modifie   | Acronym           | Start             | Finish            | % Complete  | Impacted TSs and TRs | Hyperlink                        | WI rapporteur name | Qtr 1, 2009 |     |     |
|------|---------------|---|--------------|----------------|-----------|-------------------|-------------------|-------------------|-------------|----------------------|----------------------------------|--------------------|-------------|-----|-----|
|      |               |   |              |                |           |                   |                   |                   |             |                      |                                  |                    | Nov         | Jan | Mar |
| 1013 | 31073         | <a href="#">Study on Network Selection Principles</a>             | Rel-7        | S1             | No        | NetSel            | 15/03/2005        | 08/12/2005        | 100%        | 22.811               | <a href="#">SP-050227</a>        | O2                 |             |     |     |
| 1014 | 31041         | <a href="#">Study on Multimedia Priority Service</a>              | Rel-7        | S1             | No        | PRIOR-MM          | 28/03/2003        | 30/06/2006        | 100%        | 22.953               | <a href="#">SP-060329</a>        | Telcordia          |             |     |     |
| 1015 | 31083         | <a href="#">Study on Transferring of emergency Call</a>           | Rel-7        | S1             | No        | eCALL             | 11/07/2005        | 31/03/2006        | 100%        | 22.967               | <a href="#">SP-050388</a>        | Motorola           |             |     |     |
| 1016 | 32073         | <a href="#">Study on Enhancement of E2E QoS</a>                   | Rel-7        | S2             | No        | QoS7              | 28/06/2004        | 15/09/2005        | 100%        | 23.802               | <a href="#">SP-040326</a>        | Huawei             |             |     |     |
| 1017 | 7034          | <a href="#">Study on Bandwidth Saving at Nb Interfa</a>           | Rel-7        | C3             | No        | BSNbIP            | 10/03/2006        | 09/03/2007        | 100%        | 29.814               | <a href="#">CP-060438</a>        | Siemens            |             |     |     |
| 1018 | 14019         | <a href="#">Study on Routeing of MT-SMs via the HF</a>            | Rel-7        | C4             | No        | SMS7              | 07/10/2005        | 01/12/2006        | 100%        | 23.840               | <a href="#">CP-060701</a>        | Vodafone           |             |     |     |
| 1019 | 7025          | <a href="#">Study on the TCAPsec Gateway concept</a>              | Rel-7        | C4             | No        | SEC7-TCAP         | 28/10/2005        | 10/03/2006        | 100%        | 29.800               | <a href="#">CP-050687</a>        | Siemens            |             |     |     |
| 1020 | 7050          | <a href="#">Study on using M2PA in 3GPP network</a>               | Rel-7        | C4             | No        | FS-M2PA           | 22/03/2006        | 08/06/2007        | 100%        | 29.801               | <a href="#">CP-060698</a>        | China Mobile       |             |     |     |
| 1021 | <b>320018</b> | <b><a href="#">Study on Support of (G)MSC-S - (G)MSC</a></b>      | <b>Rel-7</b> | <b>C4</b>      | <b>No</b> | <b>NcSIP</b>      | <b>15/05/2006</b> | <b>14/09/2007</b> | <b>100%</b> | <b>29.802</b>        | <b><a href="#">CP-070034</a></b> | <b>Vodafone</b>    |             |     |     |
| 1022 | 330002        | CT4 aspects of NcSIP  | Rel-7        | C4             | No        | NcSIP             | 15/05/2006        | 01/06/2007        | 100%        | 29.802               | <a href="#">CP-070034</a>        | Vodafone           |             |     |     |
| 1023 | 330003        | CT3 aspects of NcSIP  | Rel-7        | C3             | No        | NcSIP             | 15/05/2006        | 14/09/2007        | 100%        | 29.802               | <a href="#">CP-070034</a>        | Ericsson           |             |     |     |
| 1024 | 35066         | <a href="#">Study on SOAP/HTTP IRP Solution Sets</a>              | Rel-7        | S5             | No        | OAM7-NIM-XML      | 02/09/2005        | 07/12/2006        | 100%        | 32.809               | <a href="#">SP-050610</a>        | Nortel             |             |     |     |
| 1025 | 35067         | <a href="#">Study on Itf-N Implementation Conform</a>             | Rel-7        | S5             | No        | OAM7-NIM-ICS      | 02/09/2005        | 15/03/2007        | 100%        | 32.812               | <a href="#">SP-050609</a>        | China Mobile       |             |     |     |
| 1026 | 35068         | <a href="#">Study on IRP Information Model</a>                    | Rel-7        | S5             | No        | OAM7-NIM-IM       | 02/09/2005        | 15/03/2007        | 100%        | 32.810               | <a href="#">SP-050611</a>        | Motorola           |             |     |     |
| 1027 | 20023         | <a href="#">Study on Evolved UTRA and UTRAN</a>                   | Rel-7        | RP             | No        | RANFS-Evo         | 15/12/2004        | 15/09/2006        | 100%        | 25.912               | <a href="#">RP-040461</a>        | NTT DoCoMo         |             |     |     |
| 1028 | 20034         | <a href="#">Study on Performance Evaluation of the</a>            | Rel-7        | R4             | No        | RANFS-HSTrains    | 15/03/2005        | 15/06/2006        | 100%        | none                 | <a href="#">RP-050146</a>        | Vodafone           |             |     |     |
| 1029 | 20041         | <a href="#">Study on UTRA Tower Mounted Amplifie</a>              | Rel-7        | R4             | No        | RANFS-TMA         | 15/06/2005        | 14/03/2006        | 100%        | 25.818               | <a href="#">Items_History</a>    | Ericsson           |             |     |     |
| 1030 | 20044         | <a href="#">Study on Continuous connectivity for pa</a>           | Rel-7        | R1             | No        | RANFS-cont-packet | 15/03/2005        | 15/09/2005        | 100%        | none                 | <a href="#">RP-050391</a>        | Siemens            |             |     |     |
| 1031 | 20051         | <a href="#">Study on Improvement of the Multimedia</a>            | Rel-7        | R2             | No        | RANFS-MBMSImp     | 15/12/2005        | 15/12/2006        | 100%        | 25.905               | <a href="#">RP-050746</a>        | LG Electronics     |             |     |     |
| 1032 | 20052         | <a href="#">Study on Performance Improvements in</a>              | Rel-7        | R4             | No        | SMALLCELLS        | 15/12/2005        | 15/06/2006        | 100%        | none                 | <a href="#">RP-050782</a>        | Cingular           |             |     |     |
| 1033 | 20053         | <a href="#">Study on Further Improved Performance</a>             | Rel-7        | R4             | No        | RANFS-IC          | 15/12/2005        | 04/06/2007        | 100%        | 25.963               | <a href="#">RP-050880</a>        | Cingular           |             |     |     |
| 1034 | 20065         | <a href="#">Study on Scope of future FDD HSPA Evc</a>             | Rel-7        | RP             | No        | RANFS-HSPA Evo    | 15/03/2006        | 17/09/2007        | 100%        | 25.999               | <a href="#">RP-060217</a>        | Cingular           |             |     |     |
| 1035 | 330013        | <a href="#">Study on Dynamically reconfiguring a FI</a>           | Rel-7        | R4             | No        | FSUEPow           | 22/06/2007        | 22/06/2007        | 100%        | 25.906               | <a href="#">RP-060641</a>        | Nokia              |             |     |     |
| 1036 | 50568         | <a href="#">Study on Future GERAN Evolution</a>                   | Rel-7        | GP             | No        | FGE               | 08/04/2005        | 16/02/2007        | 100%        | 45.912               | <a href="#">GP-051052</a>        | Nokia              |             |     |     |
| 1037 | 50120         | <a href="#">Study on GAN Enhancements</a>                         | Rel-7        | GP             | No        | EGAN              | 31/08/2007        | 31/08/2007        | 100%        | 43.902               | <a href="#">GP-062298</a>        | T-Mobile           |             |     |     |
| 1038 | 732028        | <i>Deleted - covered by UID33027 - IMS security extensions</i>    | Rel-7        | S3             | No        | IMS-SE            | 08/12/2005        | 08/12/2005        | 100%        |                      | <a href="#">SP-050395</a>        | Ericsson           |             |     |     |
| 1039 | 320017        | <i>Deleted - covered by 32108 - Study of work on an LCS arch</i>  | Rel-7        | S2             | No        | IMS-SE            | 08/12/2006        | 08/12/2006        | 100%        |                      |                                  | LG Electronics     |             |     |     |
| 1040 | 32029         | <i>Deleted: Study on applicability of GALILEO for LCS</i>         | Rel-7        | S2             | No        | Galileo           | 30/06/2005        | 30/06/2005        | 100%        |                      | <a href="#">SP-020541</a>        |                    |             |     |     |
| 1041 | 32058         | <i>Deleted - TR on Stage 2</i>                                    | Rel-7        | S2             | No        | Galileo           | 30/06/2005        | 30/06/2005        | 100%        |                      |                                  |                    |             |     |     |
| 1042 | 50095         | <i>Deleted - GERAN review of the TR</i>                           | Rel-7        | GP             | No        | Galileo           | 30/06/2005        | 30/06/2005        | 100%        |                      |                                  |                    |             |     |     |
| 1043 | 32005         | <i>Deleted - IMS Local services</i>                               | Rel-7        | S2             | No        | IMSLocal          | 06/01/2006        | 06/01/2006        | 100%        | 23.228               |                                  |                    |             |     |     |
| 1044 | 32019         | <i>Deleted - Stage 2</i>  | Rel-7        | S2             | No        | IMSLocal          | 06/01/2006        | 06/01/2006        | 100%        |                      |                                  |                    |             |     |     |
| 1045 | 11035         | <i>Deleted - Stage 3 for IMS Local services</i>                   | Rel-7        | C1             | No        | IMSLocal          | 06/01/2006        | 06/01/2006        | 100%        |                      |                                  | Lucent             |             |     |     |
| 1046 | 32078         | <i>Deleted - IMS Phase 3</i>                                      | Rel-7        | S2             | No        |                   | 06/01/2006        | 06/01/2006        | 100%        |                      |                                  |                    |             |     |     |
| 1047 | 701216        | <i>Deleted - Improvements of Radio Interface</i>                  | Rel-7        | RP             | No        | RInImp            | 15/09/2004        | 15/09/2004        | 100%        |                      | <a href="#">_Work_Items</a>      |                    |             |     |     |
| 1048 | 14018         | <i>Deleted: Generic User Profile Phase 2</i>                      | Rel-7        | C4             | No        |                   | 08/08/2005        | 30/06/2006        | 100%        |                      |                                  |                    |             |     |     |
| 1049 | 42003         | <i>Deleted - Stage 3 - Common objects</i>                         | Rel-7        | C4             | No        |                   | 08/08/2005        | 30/06/2006        | 100%        | 24.241               | <a href="#">TP-020275</a>        |                    |             |     |     |
| 1050 | 31087         | <i>Delete was duplicated- Study of Customised Alerting Tone (</i> | Rel-7        | S1             | No        | CAT               | 30/06/2006        | 30/06/2006        | 100%        |                      | <a href="#">SP-050607</a>        |                    |             |     |     |
| 1051 | 50552         | <i>Deleted - FS of enhanced support of Video Telephony</i>        | Rel-7        | GP             | No        | VIDGER            | 30/06/2006        | 30/06/2006        | 100%        |                      | <a href="#">GP-042221</a>        | Ericsson           |             |     |     |
| 1052 | 34040         | <i>Deleted (moved to Rel8) - Study on Transferring of emergen</i> | Rel-7        | S4             | No        | eCALLIBMS         | 22/06/2007        | 22/06/2007        | 100%        | 26.967               | <a href="#">SP-060935</a>        | Airbiquity         |             |     |     |
| 1053 | 360009        | <i>Deleted - covered by UID 20053 - Study on Interference Cai</i> | Rel-7        | R4             | No        | RANFS-InterfCanc  | 28/03/2007        | 28/03/2007        | 100%        |                      |                                  |                    |             |     |     |
| 1054 | 7011          | <i>Deleted - Study of Personal Network and Personal Area Net</i>  | Rel-7        | S1             | No        | PNPAN             | 20/10/2006        | 20/10/2006        | 100%        |                      |                                  |                    |             |     |     |
| 1055 | 31054         | <i>Deleted - Study on IMS with real time services deployment</i>  | Rel-7        | S1             | No        | IRTSD             | 28/06/2004        | 12/09/2005        | 100%        |                      | <a href="#">SP-040465</a>        |                    |             |     |     |
| 1056 | 32076         | <i>Deleted - Study on Stage 2 (IMS services using CS bearers)</i> | Rel-7        | S2             | No        | IRTSD-IMSCS       | 28/06/2004        | 12/09/2005        | 100%        | 23.899               | <a href="#">SP-040479</a>        | Nortel             |             |     |     |

| ID   | Jnique_IC | Name   | Release | Resource Names | Modifie | Acronym             | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                     | WI rapporteur name | Qtr 1, 2009 |     |     |
|------|-----------|--|---------|----------------|---------|---------------------|------------|------------|------------|----------------------|-------------------------------|--------------------|-------------|-----|-----|
|      |           |  |         |                |         |                     |            |            |            |                      |                               |                    | Nov         | Jan | Mar |
| 1057 | 32112     | <i>Deleted - Study on IMS enhancements and optimisations for</i> | Rel-7   | S2             | No      | IMS-RT              | 10/10/2005 | 01/06/2007 | 100%       | 23.818               | <a href="#">SP-050492</a>     | Ericsson           |             |     |     |
| 1058 | 32117     | <i>Deleted - Study on Terminating Session handling</i>           | Rel-7   | S2             | No      | CSItem              | 09/01/2006 | 29/12/2006 | 100%       | 23.819               | <a href="#">SP-050811</a>     | Samsung            |             |     |     |
| 1059 | 35045     | <i>Deleted - Study on IRP usage scenarios</i>                    | Rel-7   | S5             | No      | OAM-Study           | 02/09/2005 | 07/12/2006 | 100%       | 32.8xy               | <a href="#">SP-050303</a>     | Lucent             |             |     |     |
| 1060 | 0         | <b>Release 6 Features</b>  | Rel-6   | RP,SP,TP       | No      |                     | 03/01/2000 | 03/01/2000 | 0%         |                      |                               |                    |             |     |     |
| 1061 | 1216      | <b>Rel-6 Improvements of Radio Interface</b>                     | Rel-6   | RP             | No      | RInImp              | 14/08/2000 | 14/12/2005 | 100%       |                      | <a href="#">Work Items</a>    |                    |             |     |     |
| 1062 | 20032     | Improved support of IMS Realtime Services using HSC              | Rel-6   | R2             | No      | RInImp-IMSRealTime  | 15/03/2005 | 14/12/2005 | 100%       |                      |                               | Cingular           |             |     |     |
| 1063 | 24006     | Improving Receiver Performance Requirements for the              | Rel-6   | R4             | No      | RInImp-UERecPerf    | 08/03/2002 | 19/09/2003 | 100%       | 25.101               | <a href="#">Items_History</a> | Intel              |             |     |     |
| 1064 | 24004     | <b>Base station classification</b>                               | Rel-6   | R4             | No      | RInImp-BSCClass     | 14/08/2000 | 04/12/2002 | 100%       |                      |                               |                    |             |     |     |
| 1065 | 1476      | FDD Base station classification                                  | Rel-6   | R4             | No      | RInImp-BSCClass-FDD | 14/08/2000 | 04/12/2002 | 100%       | 25.104, 25.141       | <a href="#">Items_History</a> | Nokia              |             |     |     |
| 1066 | 24007     | UMTS-850   | Rel-6   | R4             | No      | RInImp-UMTS850      | 06/12/2002 | 12/12/2003 | 100%       | 25.101, 25.104, 25.1 | <a href="#">Items_History</a> | Cingular           |             |     |     |
| 1067 | 24009     | DS-CDMA introduction in the 800 MHz band                         | Rel-6   | R4             | No      | RInImp-UMTS800      | 14/03/2003 | 12/12/2003 | 100%       | 25.101, 25.104, 25.1 | <a href="#">Items_History</a> | NTT DoCoMo         |             |     |     |
| 1068 | 24010     | UMTS 1.7/2.1 GHz   | Rel-6   | R4             | No      | RInImp-UMTS1721     | 14/03/2003 | 12/03/2004 | 100%       | 25.101, 25.104, 25.1 | <a href="#">Items_History</a> | Nokia              |             |     |     |
| 1069 | 24013     | <b>Improved Receiver Performance Requirements for I</b>          | Rel-6   | R4             | No      | RInImp-HSPerf       | 15/12/2003 | 14/06/2005 | 100%       |                      | <a href="#">Work Items</a>    | Nokia              |             |     |     |
| 1070 | 20011     | Improved Minimum Performance Requirements for                    | Rel-6   | R4             | No      | RInImp-HSPerf-10co  | 15/09/2004 | 14/06/2005 | 100%       | 25.101               | <a href="#">Items_History</a> | Nokia              |             |     |     |
| 1071 | 24014     | Performance Requirements of Receive Diversity fc                 | Rel-6   | R4             | No      | RInImp-HSPerf-RxDi  | 15/12/2003 | 14/03/2005 | 100%       | 25.101               | <a href="#">Items_History</a> | NTT DoCoMo         |             |     |     |
| 1072 | 3         | <b>Rel-6 RAN Feasibility Studies</b>                             | Rel-6   | RP             | No      |                     | 14/08/2000 | 14/03/2005 | 100%       |                      | <a href="#">Items_History</a> |                    |             |     |     |
| 1073 | 23007     | FS of the improved access to UE measurement data fc              | Rel-6   | R3             | No      | RANimp-RRMopt-FS    | 06/12/2002 | 18/12/2003 | 100%       |                      | <a href="#">Items_History</a> | Interdigital       |             |     |     |
| 1074 | 1506      | FS on Radio link performance enhancements                        | Rel-6   | R1             | No      | RInImp-Rlperf       | 14/08/2000 | 14/09/2004 | 100%       | 25.899               | <a href="#">Study Items</a>   | Nokia              |             |     |     |
| 1075 | 21000     | FS on Improvement of inter-frequency and inter-system            | Rel-6   | R1             | No      | RInImp-IfIsMLCR     | 14/12/2001 | 19/09/2003 | 100%       | 25.888               | <a href="#">Items_History</a> | Samsung            |             |     |     |
| 1076 | 21003     | FS for the analysis of OFDM for UTRAN enhancement                | Rel-6   | R1             | No      | RInImp-FSOFDM       | 10/06/2002 | 14/06/2004 | 100%       | 25.892               | <a href="#">Items_History</a> | Nortel             |             |     |     |
| 1077 | 21004     | FS on Uplink Enhancements for Dedicated Transport C              | Rel-6   | R1             | No      | RInImp-FSUpDTrCh    | 06/09/2002 | 12/03/2004 | 100%       | 25.896               | <a href="#">Items_History</a> | Nokia              |             |     |     |
| 1078 | 21005     | FS on Analysis on Higher Chip Rates for UTRA TDD ev              | Rel-6   | R1             | No      | RInImp-FSVHCRTDC    | 06/09/2002 | 14/09/2004 | 100%       | 25.895               | <a href="#">Study Items</a>   | IPWireless         |             |     |     |
| 1079 | 24011     | FS on Low Output Powers for general purpose FDD BS               | Rel-6   | R3             | No      | RInImp-FSLoPw       | 13/06/2003 | 12/03/2004 | 100%       | 25.807               | <a href="#">Items_History</a> | Telefonica         |             |     |     |
| 1080 | 21007     | FS on Uplink enhancements for UTRA TDD                           | Rel-6   | R1             | No      | RInImp-FSUpEnhTDI   | 06/06/2003 | 14/03/2005 | 100%       | 25.804               | <a href="#">Study Items</a>   | Interdigital       |             |     |     |
| 1081 | 24005     | FS on UE antenna efficiency test methods performance             | Rel-6   | R4             | No      | RInImp-UEAntM2      | 08/03/2002 | 06/09/2002 | 100%       |                      | <a href="#">Items_History</a> | Allgon             |             |     |     |
| 1082 | 23006     | <i>Deleted - FS on the evolution of the UTRAN architectur</i>    | Rel-6   | R3             | No      | RANimp-FSEvo        | 09/09/2002 | 15/12/2004 | 100%       |                      | <a href="#">Study Items</a>   | Nokia              |             |     |     |
| 1083 | 20003     | <b>FDD Enhanced Uplink</b>                                       | Rel-6   | RP             | No      | EDCH                | 15/03/2004 | 15/09/2005 | 100%       |                      | <a href="#">Work Items</a>    | Ericsson           |             |     |     |
| 1084 | 20004     | FDD Enhanced Uplink - Stage 2                                    | Rel-6   | R2             | No      | EDCH-Stage2         | 15/03/2004 | 14/12/2004 | 100%       | 25.309               | <a href="#">Work Items</a>    |                    |             |     |     |
| 1085 | 20005     | FDD Enhanced Uplink - Physical Layer                             | Rel-6   | R1             | No      | EDCH-Phys           | 15/03/2004 | 14/03/2005 | 100%       | 25.211, 25.212, 25.2 | <a href="#">Work Items</a>    | Nokia              |             |     |     |
| 1086 | 20006     | FDD Enhanced Uplink - Layer 2 and 3 Protocol Aspects             | Rel-6   | R2             | No      | EDCH-L23            | 15/03/2004 | 14/03/2005 | 100%       | 25.301, 25.302, 25.3 | <a href="#">Work Items</a>    | Ericsson           |             |     |     |
| 1087 | 20007     | FDD Enhanced Uplink - UTRAN lub/lur Protocol Aspects             | Rel-6   | R3             | No      | EDCH-lur lub        | 15/03/2004 | 14/03/2005 | 100%       | 25.401, 25.420, 25.4 | <a href="#">Work Items</a>    | Nortel             |             |     |     |
| 1088 | 20008     | FDD Enhanced Uplink - RF Radio Transmission/ Rece                | Rel-6   | R4             | No      | EDCH-RF             | 15/03/2004 | 15/09/2005 | 100%       | 25.101, 25.104, 25.1 | <a href="#">Work Items</a>    | Ericsson           |             |     |     |
| 1089 | 9         | <b>Rel-6 RAN improvements</b>                                    | Rel-6   | RP             | No      | RANimp              | 09/09/2002 | 14/03/2005 | 100%       |                      | <a href="#">Work Items</a>    |                    |             |     |     |
| 1090 | 624       | <b>RAB support enhancement</b>                                   | Rel-6   | R2             | No      | RANimp-RABSE        | 14/03/2003 | 14/03/2005 | 100%       | 25.862               | <a href="#">Work Items</a>    | Nokia              |             |     |     |
| 1091 | 21008     | Optimisation of downlink channelisation code utilis              | Rel-6   | R1             | No      | RANimp-RABSE-Cod    | 12/03/2004 | 14/03/2005 | 100%       |                      | <a href="#">Work Items</a>    | Nortel             |             |     |     |
| 1092 | 21009     | Optimisation of channelisation code utilisation for 3            | Rel-6   | R1             | No      | RANimp-RABSE-Cod    | 15/03/2004 | 14/03/2005 | 100%       |                      | <a href="#">Items_History</a> | IPWireless         |             |     |     |
| 1093 | 20013     | HS-DPCCH ACK/NACK Enhancement                                    | Rel-6   | R1             | No      | RANimp-RABSE-ACK    | 15/09/2004 | 14/12/2004 | 100%       | 25.212, 25.214, 24.3 |                               | Nokia              |             |     |     |
| 1094 | 23009     | <i>Deleted - lu enhancements for IMS support in RAN</i>          | Rel-6   | R3             | No      | RANimp-RABSE-luEi   | 14/03/2003 | 03/06/2004 | 100%       |                      | <a href="#">Items_History</a> | Nortel             |             |     |     |
| 1095 | 23005     | <i>Deleted - Improvement of RRM across RNS and F</i>             | Rel-6   | R3             | No      | RANimp-RRM1         | 05/12/2003 | 05/12/2003 | 100%       |                      | <a href="#">Work Items</a>    | Nokia              |             |     |     |
| 1096 | 20999     | Beamforming Enhancements   | Rel-6   | R1             | No      | RANimp-BFE          | 19/09/2003 | 19/12/2003 | 100%       | 24.215, 25.423, 25.4 | <a href="#">Items_History</a> | Nokia              |             |     |     |
| 1097 | 23012     | <b>Rel6 RRM optimization for lur and lub</b>                     | Rel-6   | R3             | No      | RANimp-RRMopt       | 19/09/2003 | 12/03/2004 | 100%       |                      | <a href="#">Work Items</a>    | Ericsson           |             |     |     |
| 1098 | 23014     | Improved access to UE measurement data for CRI                   | Rel-6   | R3             | No      | RANimp-RRMopt-UE    | 19/09/2003 | 12/03/2004 | 100%       | 25.423               | <a href="#">Items_History</a> | Interdigital       |             |     |     |
| 1099 | 23010     | <b>Remote Control of Electrical Tilting Antennas</b>             | Rel-6   | R3             | No      | RANimp-TiltAnt      | 14/03/2003 | 16/09/2004 | 100%       |                      | <a href="#">Work Items</a>    | Vodafone           |             |     |     |
| 1100 | 23015     | Tilting Antenna - RAN aspects                                    | Rel-6   | R3             | No      | RANimp-TiltAnt      | 14/03/2003 | 14/09/2004 | 100%       | 25.460, 25.461, 25.4 | <a href="#">Work Items</a>    | Vodafone           |             |     |     |

| ID   | Jnique_IC    | Name  | Release | Resource Names  | Modifie   | Acronym            | Start             | Finish            | % Complete  | Impacted TSs and TRs | Hyperlink                     | WI rapporteur name  | Qtr 1, 2009 |     |     |
|------|--------------|---|---------|-----------------|-----------|--------------------|-------------------|-------------------|-------------|----------------------|-------------------------------|---------------------|-------------|-----|-----|
|      |              |   |         |                 |           |                    |                   |                   |             |                      |                               |                     | Nov         | Jan | Mar |
| 1101 | 35023        | OAM&P impacts   | Rel-6   | S5              | No        | RANimp-TiltAnt-OAM | 27/02/2004        | 16/09/2004        | 100%        | 32.804, 32.64x       | <a href="#">S5-048270</a>     | Vodafone            |             |     |     |
| 1102 | 23011        | Network Assisted Cell Change (NACC) from UTRAN to           | Rel-6   | R3              | No        | RANimp-NACC        | 09/09/2002        | 15/06/2004        | 100%        |                      | <a href="#">Items_History</a> | Vodafone            |             |     |     |
| 1103 | <b>32023</b> | <b>Location Services enhancements 2</b>                     | Rel-6   | <b>S5,N4,RP</b> | <b>No</b> | <b>LCS2</b>        | <b>15/01/2001</b> | <b>16/12/2004</b> | <b>100%</b> | <b>23.271</b>        | <a href="#">SP-030127</a>     |                     |             |     |     |
| 1104 | <b>32024</b> | <b>Improvement on Le interface</b>                          | Rel-6   | <b>S2</b>       | <b>No</b> |                    | <b>17/06/2002</b> | <b>15/12/2004</b> | <b>100%</b> |                      |                               |                     |             |     |     |
| 1105 | 32051        | Stage 2   | Rel-6   | S2              | No        |                    | 17/06/2002        | 22/09/2003        | 100%        |                      |                               |                     |             |     |     |
| 1106 | 32053        | Stage 3 - impacts MLP (Mobile Location Protocol)            | Rel-6   | OMA             | No        |                    | 01/01/2004        | 15/12/2004        | 100%        |                      |                               |                     |             |     |     |
| 1107 | <b>32001</b> | <b>Enhanced support for anonymity and user privacy</b>      | Rel-6   | <b>S2</b>       | <b>No</b> |                    | <b>08/07/2002</b> | <b>15/12/2004</b> | <b>100%</b> |                      |                               |                     |             |     |     |
| 1108 | 32047        | Stage 2   | Rel-6   | S2              | No        |                    | 08/07/2002        | 27/06/2003        | 100%        |                      |                               |                     |             |     |     |
| 1109 | 32054        | Stage 3 - impacts MLP and RLP                               | Rel-6   | OMA             | No        |                    | 01/01/2004        | 15/12/2004        | 100%        |                      |                               |                     |             |     |     |
| 1110 | <b>32025</b> | <b>Enhanced inter-GMLC interface</b>                        | Rel-6   | <b>S2</b>       | <b>No</b> |                    | <b>24/06/2002</b> | <b>15/12/2004</b> | <b>100%</b> |                      |                               |                     |             |     |     |
| 1111 | 32048        | Stage 2   | Rel-6   | S2              | No        |                    | 24/06/2002        | 05/09/2003        | 100%        |                      |                               |                     |             |     |     |
| 1112 | 32055        | Stage 3 - definition of RLP and PCP                         | Rel-6   | OMA             | No        |                    | 01/01/2004        | 15/12/2004        | 100%        |                      |                               |                     |             |     |     |
| 1113 | <b>32012</b> | <b>Location Services support for IMS public identities</b>  | Rel-6   | <b>S2</b>       | <b>No</b> |                    | <b>24/02/2003</b> | <b>15/12/2004</b> | <b>100%</b> |                      |                               |                     |             |     |     |
| 1114 | 32049        | Stage 2   | Rel-6   | S2              | No        |                    | 24/02/2003        | 23/01/2004        | 100%        |                      |                               |                     |             |     |     |
| 1115 | 32056        | Stage 3 - impacts MLP, RLP and PCP                          | Rel-6   | OMA             | No        |                    | 01/01/2004        | 15/12/2004        | 100%        |                      |                               |                     |             |     |     |
| 1116 | <b>32026</b> | <b>New area event for location service triggering repor</b> | Rel-6   | <b>S2</b>       | <b>No</b> |                    | <b>03/06/2002</b> | <b>15/12/2004</b> | <b>100%</b> |                      |                               |                     |             |     |     |
| 1117 | 32050        | Stage 2   | Rel-6   | S2              | No        |                    | 03/06/2002        | 27/06/2003        | 100%        |                      |                               |                     |             |     |     |
| 1118 | 14015        | Stage 3 for UE-CN signalling                                | Rel-6   | N4              | No        |                    | 09/10/2003        | 31/08/2004        | 100%        |                      |                               |                     |             |     |     |
| 1119 | 32057        | Stage 3 - impacts MLP, RLP and PCP                          | Rel-6   | OMA             | No        |                    | 01/01/2004        | 15/12/2004        | 100%        |                      |                               |                     |             |     |     |
| 1120 | <b>20001</b> | <b>UE positioning</b>                                       | Rel-6   | <b>RP</b>       | <b>No</b> | <b>LCS2-UEpos</b>  | <b>15/01/2001</b> | <b>14/09/2004</b> | <b>100%</b> |                      |                               |                     |             |     |     |
| 1121 | 2475         | Open SMLC-SRNC Interface within the UTRAN to                | Rel-6   | R2              | No        | LCS-Rel4Pos        | 15/01/2001        | 19/09/2003        | 100%        | 25.305, 25.401, 25.4 | <a href="#">Items_History</a> | Siemens             |             |     |     |
| 1122 | 24012        | A-GPS minimum performance specification                     | Rel-6   | R4              | No        | LCS-UEPos-AGPSPe   | 06/06/2003        | 14/09/2004        | 100%        | 25.171               | <a href="#">Work_Items</a>    | AT&T Wireless       |             |     |     |
| 1123 | 22002        | FS on Enhancements to OTDOA Positioning using               | Rel-6   | R2              | No        | LCS2-UEpos-FSBlan  | 01/07/2002        | 19/09/2003        | 100%        |                      | <a href="#">Items_History</a> | Positioning Systems |             |     |     |
| 1124 | 2457         | <i>Deleted - UE positioning enhancements - other me</i>     | Rel-6   | R2              | No        | LCS2-UEpos-enh     | 26/09/2003        | 26/09/2003        | 100%        |                      | <a href="#">Work_Items</a>    | Siemens             |             |     |     |
| 1125 | 35035        | LCS charging  | Rel-6   | S5              | No        | LCS2-CH            | 21/03/2003        | 16/12/2004        | 100%        | 32.271               | <a href="#">SP-040778</a>     | France Telecom      |             |     |     |
| 1126 | <b>1571</b>  | <b>Rel-6 Security enhancements</b>                          | Rel-6   | <b>S3</b>       | <b>No</b> | <b>SEC1</b>        | <b>03/01/2001</b> | <b>26/11/2004</b> | <b>100%</b> |                      | <a href="#">SP-000421</a>     | Vodafone            |             |     |     |
| 1127 | <b>2026</b>  | <b>Enhanced HE control of security (including positive</b>  | Rel-6   | <b>S3</b>       | <b>No</b> |                    | <b>03/01/2001</b> | <b>25/09/2003</b> | <b>100%</b> |                      | <a href="#">SP-000421</a>     | Vodafone            |             |     |     |
| 1128 | 2027         | <i>Deleted - Stage 2</i>                                    | Rel-6   | S3              | No        |                    | 03/01/2001        | 14/06/2002        | 100%        |                      |                               |                     |             |     |     |
| 1129 | <b>33006</b> | <b>Network domain security</b>                              | Rel-6   | <b>S3</b>       | <b>No</b> | <b>SEC1-NDS</b>    | <b>17/06/2002</b> | <b>25/09/2003</b> | <b>100%</b> |                      | <a href="#">SP-000513</a>     | Telenor             |             |     |     |
| 1130 | 33007        | IP network layer security (NDS/IP)                          | Rel-6   | S3              | No        | SEC1-NDS-IP        | 17/06/2002        | 25/09/2003        | 100%        | 33.210               |                               |                     |             |     |     |
| 1131 | 33017        | Network Domain Security; Authentication Framework (N        | Rel-6   | S3              | No        | SEC1-NDS-AF        | 15/02/2002        | 13/02/2004        | 100%        |                      | <a href="#">SP-030108</a>     | Nokia               |             |     |     |
| 1132 | 33019        | Key Management of group keys for Voice Group Call S         | Rel-6   | S3              | No        | SECGKYV            | 26/09/2003        | 26/11/2004        | 100%        | 42.068, 43.068, 44.0 | <a href="#">SP-030491</a>     | Vodafone            |             |     |     |
| 1133 | <b>32021</b> | <b>IMS Phase 2</b>  | Rel-6   | <b>S3,S5,NP</b> | <b>No</b> | <b>IMS2</b>        | <b>28/08/2000</b> | <b>30/12/2005</b> | <b>100%</b> | <b>23.228</b>        |                               |                     |             |     |     |
| 1134 | 14014        | Enhancements to the Cx and Sh interfaces                    | Rel-6   | N4              | No        | IMS2-CCR           | 06/06/2003        | 31/08/2004        | 100%        |                      | <a href="#">NP-030229</a>     |                     |             |     |     |
| 1135 | <b>31025</b> | <b>IMS Group Management</b>                                 | Rel-6   | <b>S1</b>       | <b>No</b> | <b>IMSGM</b>       | <b>14/03/2002</b> | <b>08/12/2004</b> | <b>100%</b> |                      | <a href="#">SP-020065</a>     | Nokia               |             |     |     |
| 1136 | 31026        | Stage 1 - TS on IMS group management                        | Rel-6   | S1              | No        |                    | 14/03/2002        | 09/12/2002        | 100%        |                      |                               | Nokia               |             |     |     |
| 1137 | 32036        | Stage 2   | Rel-6   | S2              | No        |                    | 26/05/2003        | 31/12/2003        | 100%        |                      |                               |                     |             |     |     |
| 1138 | 11036        | Stage 3 for IMS Group management (e.g. chat)                | Rel-6   | N1              | No        |                    | 13/12/2002        | 08/12/2004        | 100%        |                      | <a href="#">NP-040494</a>     | Lucent              |             |     |     |
| 1139 | <b>11037</b> | <b>IMS Conferencing</b>                                     | Rel-6   | <b>N1</b>       | <b>No</b> |                    | <b>04/11/2002</b> | <b>08/12/2004</b> | <b>100%</b> |                      |                               |                     |             |     |     |
| 1140 | 32037        | Stage 2   | Rel-6   | S2              | No        |                    | 04/11/2002        | 31/12/2003        | 100%        |                      |                               |                     |             |     |     |
| 1141 | 32038        | Stage 3   | Rel-6   | N1              | No        |                    | 13/12/2002        | 08/12/2004        | 100%        |                      | <a href="#">NP-040494</a>     | Lucent              |             |     |     |
| 1142 | <b>31022</b> | <b>IMS Messaging</b>  | Rel-6   | <b>S1</b>       | <b>No</b> | <b>IMSM</b>        | <b>14/03/2002</b> | <b>30/12/2005</b> | <b>100%</b> |                      | <a href="#">SP-020065</a>     | Nokia               |             |     |     |
| 1143 | 31023        | TR on support of messaging in the IMS                       | Rel-6   | S1              | No        | IMSM-TR            | 14/03/2002        | 09/12/2002        | 100%        |                      |                               | Nokia               |             |     |     |
| 1144 | 31034        | Stage 1 22.340  | Rel-6   | S1              | No        | IMSM-TS            | 11/11/2002        | 11/12/2002        | 100%        | 22.340               |                               | Nokia               |             |     |     |

| ID   | Jnique_IC    | Name   | Release      | Resource Names  | Modifie   | Acronym             | Start             | Finish            | % Complete  | Impacted TSs and TRs        | Hyperlink                 | WI rapporteur name | Qtr 1, 2009 |     |     |
|------|--------------|--|--------------|-----------------|-----------|---------------------|-------------------|-------------------|-------------|-----------------------------|---------------------------|--------------------|-------------|-----|-----|
|      |              |  |              |                 |           |                     |                   |                   |             |                             |                           |                    | Nov         | Jan | Mar |
| 1145 | 31033        | CRs to 22.140 & 22.228                                     | Rel-6        | S1              | No        | IMSM-CR             | 14/03/2002        | 17/03/2003        | 100%        | 22.140,22.228               |                           | Nokia              |             |     |     |
| 1146 | 32700        | Stage 2  | Rel-6        | S2              | No        |                     | 04/11/2002        | 31/08/2004        | 100%        |                             |                           |                    |             |     |     |
| 1147 | 11039        | Stage 3 for IMS Messaging                                  | Rel-6        | N1              | No        |                     | 13/12/2002        | 08/12/2004        | 100%        |                             | <a href="#">NP-040494</a> | Lucent             |             |     |     |
| 1148 | 60001        | SIP/SIMPLE Instant messaging                               | Rel-6        | OMA             | No        |                     | 01/01/2004        | 30/12/2005        | 100%        |                             |                           |                    |             |     |     |
| 1149 | <b>11040</b> | <b>Additional SIP Capabilities support not covered by</b>  | <b>Rel-6</b> | <b>N1</b>       | <b>No</b> |                     | <b>11/11/2002</b> | <b>17/06/2005</b> | <b>100%</b> |                             |                           |                    |             |     |     |
| 1150 | 32041        | Stage 2 for add SIP cap (e.g. forking)                     | Rel-6        | S2              | No        |                     | 11/11/2002        | 20/02/2004        | 100%        |                             |                           |                    |             |     |     |
| 1151 | 32042        | Stage 3 for Additional SIP Capabilities                    | Rel-6        | N1              | No        |                     | 13/12/2002        | 08/09/2004        | 100%        |                             | <a href="#">NP-040494</a> | Lucent             |             |     |     |
| 1152 | 11052        | Procedured associated with IMS-ALG                         | Rel-6        | N1              | No        |                     | 06/09/2004        | 17/06/2005        | 100%        |                             |                           |                    |             |     |     |
| 1153 | 11041        | Review additional SIP Capabilities against IMS             | Rel-6        | N1              | No        |                     | 13/12/2002        | 08/09/2004        | 100%        |                             | <a href="#">NP-040494</a> | Lucent             |             |     |     |
| 1154 | <b>2048</b>  | <b>Interworking between IMS and IP networks</b>            | <b>Rel-6</b> | <b>N3</b>       | <b>No</b> | <b>IMS-CCR-IWIP</b> | <b>28/08/2000</b> | <b>08/12/2004</b> | <b>100%</b> | <b>23.821, 29.061, 29.1</b> | <a href="#">NP-020091</a> | <b>BT</b>          |             |     |     |
| 1155 | 13004        | Interworking for 3GPP_SIP and IETF_SIP                     | Rel-6        | N3              | No        |                     | 28/08/2000        | 13/06/2003        | 100%        | New 29.962                  |                           | Siemens            |             |     |     |
| 1156 | 13005        | Interworking for IPv6 to IPv4                              | Rel-6        | N3              | No        |                     | 28/08/2000        | 08/12/2004        | 100%        | 29.163                      |                           |                    |             |     |     |
| 1157 | 11044        | Interworking for IPv6 to IPv4 (SIP / SDP aspects)          | Rel-6        | N1              | No        |                     | 11/05/2004        | 08/09/2004        | 100%        |                             |                           |                    |             |     |     |
| 1158 | 11017        | stage 3 of interworking with non-IMS IP networks           | Rel-6        | N1              | No        |                     | 14/03/2001        | 08/09/2004        | 100%        |                             |                           |                    |             |     |     |
| 1159 | 2047         | Interworking between IMS and CS networks                   | Rel-6        | N3              | No        | IMS-CCR-IWCS        | 28/08/2000        | 18/03/2004        | 100%        | 29.163, 29.061, 24.2        | <a href="#">NP-030292</a> | Vodafone           |             |     |     |
| 1160 | 14001        | Mn interface (IM-MGW to MGCF) enhancements (CN4            | Rel-6        | N4              | No        | IMS-CCR-Mn          | 07/08/2001        | 01/09/2004        | 100%        |                             |                           |                    |             |     |     |
| 1161 | 31036        | Study of subscriber and operators relationship in IMS a    | Rel-6        | S1              | No        |                     | 15/11/2002        | 12/12/2002        | 100%        |                             |                           | Nokia              |             |     |     |
| 1162 | 33012        | Lawful Interception in the 3GPP Rel-6 architecture         | Rel-6        | S3              | No        | SEC1-LI             | 09/12/2002        | 18/12/2003        | 100%        | 33.106, 33.107, 33.1        | <a href="#">SP-030106</a> | Reg TP             |             |     |     |
| 1163 | 31042        | IMS Subscription and access scenarios                      | Rel-6        | S1              | No        |                     | 16/12/2002        | 13/06/2003        | 100%        | 22.800                      |                           |                    |             |     |     |
| 1164 | 35032        | IMS charging   | Rel-6        | S5              | No        | IMS2-CH             | 21/03/2003        | 16/12/2004        | 100%        | 32.260                      | <a href="#">SP-030049</a> |                    |             |     |     |
| 1165 | 11051        | IMS Management objects                                     | Rel-6        | N1              | No        |                     | 03/09/2004        | 05/11/2005        | 100%        | 24.167                      | <a href="#">NP-040494</a> |                    |             |     |     |
| 1166 | 32027        | <i>Deleted - Stage 2 of IMS Phase 2</i>                    | Rel-6        | S2              | No        |                     | 19/09/2003        | 19/09/2003        | 100%        |                             | <a href="#">SP-020544</a> |                    |             |     |     |
| 1167 | <b>32063</b> | <b>3GPP Enablers for services like Push to</b>             | <b>Rel-6</b> | <b>S2,S4,S5</b> | <b>No</b> | <b>PoC</b>          | <b>08/09/2003</b> | <b>09/06/2005</b> | <b>100%</b> | <b>23.979</b>               | <a href="#">SP-030384</a> | <b>Ericsson</b>    |             |     |     |
| 1168 | 32068        | Feasibility Study  | Rel-6        | S2              | No        | PoC                 | 08/09/2003        | 30/11/2004        | 100%        | 23.979                      | <a href="#">SP-030384</a> | Ericsson           |             |     |     |
| 1169 | 60002        | Dependencies on OMA PoC                                    | Rel-6        | OMA             | No        | PoC                 | 01/01/2004        | 28/02/2005        | 100%        |                             |                           |                    |             |     |     |
| 1170 | 34029        | Selection of one or more PoC codec(s) for PoC              | Rel-6        | S4              | No        | PoC                 | 13/09/2004        | 16/12/2004        | 100%        | 26.235, 26.236              |                           |                    |             |     |     |
| 1171 | 35036        | PoC charging   | Rel-6        | S5              | No        | PoC-CH              | 27/09/2004        | 09/06/2005        | 100%        | 32.272                      | <a href="#">SP-050032</a> |                    |             |     |     |
| 1172 | 32062        | <b>Interworking aspects and migration scer</b>             | Rel-6        | S2              | No        | IPV4IMS             | 08/09/2003        | 25/06/2004        | 100%        | 23.881                      | <a href="#">SP-040327</a> | Siemens            |             |     |     |
| 1173 | <b>11032</b> | <b>Interoperability and Commonality betwe</b>              | <b>Rel-6</b> | <b>S2</b>       | <b>No</b> | <b>IMSCOOP</b>      | <b>16/09/2002</b> | <b>12/12/2003</b> | <b>100%</b> | <b>23.864</b>               |                           |                    |             |     |     |
| 1174 | 32028        | Stage 2 for Interoperability                               | Rel-6        | S2              | No        |                     | 16/09/2002        | 30/09/2003        | 100%        | 23.864                      | <a href="#">SP-020543</a> | Nokia              |             |     |     |
| 1175 | 32061        | Stage 2 for commonality                                    | Rel-6        | S2              | No        |                     | 16/09/2002        | 19/09/2003        | 100%        | 23.864                      | <a href="#">SP-020543</a> | Nokia              |             |     |     |
| 1176 | 11033        | Stage 3  | Rel-6        | N1              | No        |                     | 14/10/2002        | 12/12/2003        | 100%        |                             | <a href="#">NP-020572</a> | Lucent             |             |     |     |
| 1177 | <b>1365</b>  | <b>Support of Push Services</b>                            | <b>Rel-6</b> | <b>S1</b>       | <b>No</b> | <b>PUSH</b>         | <b>03/01/2001</b> | <b>27/02/2004</b> | <b>100%</b> | <b>23.976</b>               | <a href="#">SP-000669</a> | <b>NTT Comware</b> |             |     |     |
| 1178 | 31004        | Stage 1  | Rel-6        | S1              | No        |                     | 03/01/2001        | 14/06/2002        | 100%        |                             |                           |                    |             |     |     |
| 1179 | 32701        | TR 23.976 on Push Architecture                             | Rel-6        | S2              | No        |                     | 11/11/2002        | 27/02/2004        | 100%        | 23.976                      | <a href="#">SP-030126</a> | RIM                |             |     |     |
| 1180 | <b>42009</b> | <b>Multimedia Messaging (MMS) enhancem</b>                 | <b>Rel-6</b> | <b>S1,S4,S5</b> | <b>No</b> | <b>MMS6</b>         | <b>15/08/2002</b> | <b>07/12/2005</b> | <b>100%</b> |                             | <a href="#">TP-030175</a> | <b>Siemens</b>     |             |     |     |
| 1181 | <b>42010</b> | <b>Definition of service requirements</b>                  | <b>Rel-6</b> | <b>S1</b>       | <b>No</b> | <b>MMS6-SR</b>      | <b>15/11/2002</b> | <b>19/12/2003</b> | <b>100%</b> | <b>22.140</b>               |                           |                    |             |     |     |
| 1182 | 31031        | Definition of service requirements charging                | Rel-6        | S1              | No        |                     | 15/11/2002        | 19/12/2003        | 100%        | 22.140                      |                           | Siemens            |             |     |     |
| 1183 | 42011        | Technical realization                                      | Rel-6        | T2              | No        |                     | 06/09/2002        | 10/12/2004        | 100%        | 23.140                      |                           | Siemens            |             |     |     |
| 1184 | 42012        | OMA dependencies   | Rel-6        | OMA             | No        |                     | 15/08/2003        | 29/04/2005        | 100%        | OMA specs                   |                           |                    |             |     |     |
| 1185 | 42013        | MMS formats and codecs                                     | Rel-6        | S4              | No        | MMS6-Codec          | 15/08/2002        | 07/12/2005        | 100%        | 26.140, 26.936              |                           | Nokia              |             |     |     |
| 1186 | 42014        | Handling of private addressing schemes in MMS              | Rel-6        | T2              | No        |                     | 10/12/2003        | 10/12/2004        | 100%        | 23.140                      | <a href="#">TP-030299</a> | T-Mobile           |             |     |     |
| 1187 | 35034        | MMS charging   | Rel-6        | S5              | No        | MMS6-CH             | 21/03/2003        | 16/09/2004        | 100%        | 32.270                      | <a href="#">SP-040778</a> |                    |             |     |     |
| 1188 | 42015        | <i>Deleted - FS Multiple MMS Relay/Server Architecture</i> | Rel-6        | T2              | No        |                     | 10/12/2004        | 10/12/2004        | 100%        | <i>probably Annex to 2</i>  | <a href="#">TP-030301</a> | Telefónica Móviles |             |     |     |

| ID   | Jnique_IC | Name  | Release | Resource Names | Modifie | Acronym         | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                 | WI rapporteur name | Qtr 1, 2009 |     |     |
|------|-----------|---|---------|----------------|---------|-----------------|------------|------------|------------|----------------------|---------------------------|--------------------|-------------|-----|-----|
|      |           |   |         |                |         |                 |            |            |            |                      |                           |                    | Nov         | Jan | Mar |
| 1189 | 42005     | <b>Rel-6 MEXE enhancements</b>                              | Rel-6   | T2             | No      | MEXE6           | 08/03/2002 | 06/06/2003 | 100%       |                      |                           |                    |             |     |     |
| 1190 | 42006     | MEXE Rel-6 Improvements and Investigations                  | Rel-6   | T2             | No      | MEXE6-ENHANC    | 08/03/2002 | 12/03/2003 | 100%       | 22.057, 23.057       | <a href="#">T</a>         | TTPCom             |             |     |     |
| 1191 | 42007     | MEXE Run-Time Independent Framework Feasibility Stu         | Rel-6   | T2             | No      | MEXE6-RTIF      | 08/03/2002 | 06/06/2003 | 100%       | 22.857               | <a href="#">T</a>         | Intel              |             |     |     |
| 1192 | 2062      | <b>Subscription Management</b>                              | Rel-6   | S5             | No      | SuM             | 20/09/2002 | 17/03/2005 | 100%       | 32.140/1, 32.171/2/3 | <a href="#">SP-040763</a> | T-Mobile           |             |     |     |
| 1193 | 2499      | <b>Presence Capability</b>                                  | Rel-6   | S1             | No      | PRESNC          | 19/03/2001 | 07/12/2005 | 100%       |                      | <a href="#">SP-010064</a> | Motorola           |             |     |     |
| 1194 | 2501      | Stage 1   | Rel-6   | S1             | No      |                 | 19/03/2001 | 18/07/2003 | 100%       | 22.141               |                           |                    |             |     |     |
| 1195 | 2502      | Stage 2   | Rel-6   | S2             | No      |                 | 12/09/2001 | 20/09/2002 | 100%       |                      | <a href="#">SP-010517</a> | Nokia              |             |     |     |
| 1196 | 2503      | Stage 3   | Rel-6   | N1             | No      |                 | 01/04/2002 | 08/12/2004 | 100%       |                      | <a href="#">NP-040492</a> | Lucent             |             |     |     |
| 1197 | 13018     | Stage 3 (CN3 Part Pk interface)                             | Rel-6   | N3             | No      |                 | 01/04/2002 | 11/03/2005 | 100%       |                      |                           |                    |             |     |     |
| 1198 | 34025     | Media Codecs and Formats for IMS Messaging and Pre          | Rel-6   | S4             | No      | PRESNC-COFIMP   | 12/06/2003 | 07/12/2005 | 100%       | 26.141, 26.936       | <a href="#">SP-030212</a> | Nokia              |             |     |     |
| 1199 | 2504      | Security issues   | Rel-6   | S3             | No      |                 | 26/08/2002 | 12/12/2002 | 100%       |                      | <a href="#">SP-020514</a> |                    |             |     |     |
| 1200 | 60003     | SIMPLE Presence   | Rel-6   | OMA            | No      |                 | 01/01/2004 | 31/03/2005 | 100%       |                      |                           |                    |             |     |     |
| 1201 | 50056     | <b>Enhanced A/Gb feasibility study</b>                      | Rel-6   | GP             | No      | AGbEnFS         | 30/08/2002 | 08/11/2002 | 100%       |                      | <a href="#">GP-022565</a> | Vodafone           |             |     |     |
| 1202 | 50057     | <b>Feasibility study on A/Gb enhancements</b>               | Rel-6   | G2             | No      | AGbEnFS-FS      | 30/08/2002 | 08/11/2002 | 100%       |                      |                           |                    |             |     |     |
| 1203 | 50080     | Requirements for the support of conversational ser          | Rel-6   | GP             | No      |                 | 30/08/2002 | 08/11/2002 | 100%       |                      |                           |                    |             |     |     |
| 1204 | 50084     | Identification of the different building blocks for the     | Rel-6   | GP             | No      |                 | 30/08/2002 | 08/11/2002 | 100%       |                      |                           |                    |             |     |     |
| 1205 | 50093     | Outline of impact and feasibility of these building bl      | Rel-6   | GP             | No      |                 | 30/08/2002 | 08/11/2002 | 100%       |                      |                           |                    |             |     |     |
| 1206 | 50081     | Impact on 3GPP architecture and requirement to c            | Rel-6   | GP             | No      |                 | 30/08/2002 | 08/11/2002 | 100%       |                      |                           |                    |             |     |     |
| 1207 | 50082     | Standardisation effort                                      | Rel-6   | GP             | No      |                 | 30/08/2002 | 08/11/2002 | 100%       |                      |                           |                    |             |     |     |
| 1208 | 50083     | Dependency to other features                                | Rel-6   | GP             | No      |                 | 30/08/2002 | 08/11/2002 | 100%       |                      |                           |                    |             |     |     |
| 1209 | 50063     | <b>Flexible Layer One for GERAN</b>                         | Rel-6   | GP             | No      | FLOGGER         | 03/01/2000 | 25/06/2004 | 100%       |                      | <a href="#">GP-021018</a> | Nokia              |             |     |     |
| 1210 | 50064     | <b>Realisation of a Flexible Layer One</b>                  | Rel-6   | GP             | No      | FLOGGER-Real    | 03/01/2000 | 23/04/2004 | 100%       |                      | <a href="#">GP-021019</a> | Nokia              |             |     |     |
| 1211 | 50065     | Technical Report  | Rel-6   | GP             | No      |                 | 19/04/2002 | 06/02/2004 | 100%       |                      |                           |                    |             |     |     |
| 1212 | 51002     | Architecture in 45.001 and 43.051                           | Rel-6   | G1             | No      |                 | 19/04/2002 | 23/04/2004 | 100%       |                      |                           |                    |             |     |     |
| 1213 | 51003     | Multiplexing in 45.002                                      | Rel-6   | G1             | No      |                 | 19/04/2002 | 23/04/2004 | 100%       |                      |                           |                    |             |     |     |
| 1214 | 51004     | Channel Coding in 45.003                                    | Rel-6   | G1             | No      |                 | 19/04/2002 | 23/04/2004 | 100%       |                      |                           |                    |             |     |     |
| 1215 | 51005     | Performance Requirements in 45.005                          | Rel-6   | G1             | No      |                 | 03/01/2000 | 23/04/2004 | 100%       |                      |                           |                    |             |     |     |
| 1216 | 51006     | Radio subsystem link control in 45.008                      | Rel-6   | G1             | No      |                 | 19/04/2002 | 23/04/2004 | 100%       |                      |                           |                    |             |     |     |
| 1217 | 52071     | Requirements in 44.004                                      | Rel-6   | G2             | No      |                 | 19/04/2002 | 23/04/2004 | 100%       |                      |                           |                    |             |     |     |
| 1218 | 52072     | <b>Signalling and protocol support for a Flexible Layer</b> | Rel-6   | G2             | No      | FLOGGER-SigPro  | 19/04/2002 | 25/06/2004 | 100%       |                      | <a href="#">GP-021020</a> | Nokia              |             |     |     |
| 1219 | 52073     | Modifications to RLC/MAC in 44.060 and 44.160               | Rel-6   | G2             | No      |                 | 19/04/2002 | 25/06/2004 | 100%       |                      |                           |                    |             |     |     |
| 1220 | 52074     | Modifications to RRC in 44.118 and 44.018                   | Rel-6   | G2             | No      |                 | 19/04/2002 | 25/06/2004 | 100%       |                      |                           |                    |             |     |     |
| 1221 | 52075     | <b>Security for a Flexible Layer One</b>                    | Rel-6   | S3, G2         | No      | FLOGGER-SecFLO  | 19/04/2002 | 29/08/2003 | 100%       |                      | <a href="#">GP-021021</a> | Nokia              |             |     |     |
| 1222 | 52076     | Ciphering in 44.160,44.118, 44.060 and 44.018               | Rel-6   | S3, G2         | No      |                 | 19/04/2002 | 29/08/2003 | 100%       |                      |                           |                    |             |     |     |
| 1223 | 55077     | <i>Deleted at TSG#27 - GERAN MS Conformance test for</i>    | Rel-6   | G4,G5          | No      | FLOGGER-Msconf  | 06/02/2004 | 06/02/2004 | 100%       |                      | <a href="#">GP-021022</a> | Nokia              |             |     |     |
| 1224 | 55078     | <i>Deleted at TSG #27 - MS Test in 51.010</i>               | Rel-6   | G4,G5          | No      |                 | 06/02/2004 | 06/02/2004 | 100%       |                      |                           |                    |             |     |     |
| 1225 | 55079     | <i>Deleted at TSG#27 - GERAN BTS Conformance test fo</i>    | Rel-6   | G3new          | No      | FLOGGER-BTSconf | 06/02/2004 | 06/02/2004 | 100%       |                      | <a href="#">GP-021023</a> | Nokia              |             |     |     |
| 1226 | 53080     | <i>Deleted at TGS #27 - BTS Test in 51.021 - DELET</i>      | Rel-6   | G3new          | No      |                 | 06/02/2004 | 06/02/2004 | 100%       |                      |                           |                    |             |     |     |
| 1227 | 50041     | <b>Uplink TDOA feasibility study</b>                        | Rel-6   | GP             | No      | TDOAF           | 30/11/2001 | 28/06/2002 | 100%       | 45.811               | <a href="#">GP-012794</a> | TruePosition       |             |     |     |
| 1228 | 2544      | <b>Multimedia Broadcast and Multicast Ser</b>               | Rel-6   | i5,RP,GP       | No      | MBMS            | 11/05/2001 | 07/03/2008 | 100%       |                      |                           |                    |             |     |     |
| 1229 | 2545      | Stage 1   | Rel-6   | S1             | No      | MBMS            | 11/05/2001 | 01/04/2002 | 100%       | 22.146, 22.101       |                           |                    |             |     |     |
| 1230 | 32002     | <b>Stage 2</b>  | Rel-6   | S2             | No      | MBMS            | 24/09/2001 | 17/03/2004 | 100%       |                      | <a href="#">SP-010516</a> |                    |             |     |     |
| 1231 | 32702     | TR on Architectural Study                                   | Rel-6   | S2             | No      | MBMS            | 24/09/2001 | 23/08/2002 | 100%       | 23.846               |                           |                    |             |     |     |
| 1232 | 32703     | Stage 2 Specification Work                                  | Rel-6   | S2             | No      | MBMS            | 19/08/2002 | 17/03/2004 | 100%       | 23.246               |                           |                    |             |     |     |



| ID   | Jnique_IC | Name   | Release | Resource Names | Modifie | Acronym          | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                  | WI rapporteur name | Qtr 1, 2009 |     |     |
|------|-----------|--|---------|----------------|---------|------------------|------------|------------|------------|----------------------|----------------------------|--------------------|-------------|-----|-----|
|      |           |  |         |                |         |                  |            |            |            |                      |                            |                    | Nov         | Jan | Mar |
| 1233 | 2481      | Introduction of MBMS in RAN                        | Rel-6   | R2             | No      | MBMS-RAN         | 01/01/2002 | 15/09/2005 | 100%       | 25.346, 25.304, 25.  | <a href="#">Work Items</a> | Nokia              |             |     |     |
| 1234 | 20022     | Introduction of MBMS in RAN (physical & upper la   | Rel-6   | R2             | No      | MBMS-RAN         | 01/01/2002 | 14/12/2004 | 100%       | 25.346, 25.304, 25.  |                            | Nokia              |             |     |     |
| 1235 | 20020     | UE Performance Requirements for MBMS               | Rel-6   | R4             | No      | MBMS-RAN-RF      | 15/09/2004 | 15/09/2005 | 100%       | 25.101, 25.133       | <a href="#">Work Items</a> | Ericsson           |             |     |     |
| 1236 | 11030     | Support of the MBMS in CN protocols                | Rel-6   | N1             | No      | MBMS             | 18/06/2002 | 08/12/2004 | 100%       |                      | <a href="#">NP-040493</a>  |                    |             |     |     |
| 1237 | 13015     | Gmb interface for MBMS (CN3 part)                  | Rel-6   | N3             | No      | MBMS             | 29/08/2003 | 08/12/2004 | 100%       | 29.061               |                            |                    |             |     |     |
| 1238 | 33008     | Security Aspects of MBMS                           | Rel-6   | S3             | No      | MBMS             | 01/07/2002 | 18/03/2005 | 100%       |                      | <a href="#">SP-020514</a>  | 3                  |             |     |     |
| 1239 | 50085     | Support of MBMS in GERAN                           | Rel-6   | GP             | No      | MBMS-GERAN       | 30/08/2001 | 28/01/2005 | 100%       |                      | <a href="#">GP-022566</a>  |                    |             |     |     |
| 1240 | 50086     | Impact on the logical and physical channels        | Rel-6   | GP             | No      | MBMS-GERAN       | 30/08/2002 | 28/01/2005 | 100%       |                      |                            |                    |             |     |     |
| 1241 | 52085     | Re-synchronisation at cell change                  | Rel-6   | G2             | No      | MBMS-GERAN       | 30/08/2002 | 28/01/2005 | 100%       |                      |                            |                    |             |     |     |
| 1242 | 50098     | Simultaneous support of MBMS services              | Rel-6   | GP             | No      | MBMS-GERAN       | 30/08/2002 | 28/01/2005 | 100%       |                      |                            |                    |             |     |     |
| 1243 | 50099     | Simultaneous support of MBMS and non-MBMS se       | Rel-6   | GP             | No      | MBMS-GERAN       | 30/08/2001 | 28/01/2005 | 100%       |                      |                            |                    |             |     |     |
| 1244 | 50100     | Resynchronisation at cell change                   | Rel-6   | GP             | No      | MBMS-GERAN       | 30/08/2001 | 28/01/2005 | 100%       |                      |                            |                    |             |     |     |
| 1245 | 50087     | Decision making process between point-to-point or  | Rel-6   | GP             | No      | MBMS-GERAN       | 30/08/2002 | 28/01/2005 | 100%       |                      |                            |                    |             |     |     |
| 1246 | 50088     | MBMS channel allocations procedures to multiple l  | Rel-6   | GP             | No      | MBMS-GERAN       | 30/08/2002 | 28/01/2005 | 100%       |                      |                            |                    |             |     |     |
| 1247 | 50089     | Changes to the Gb interface                        | Rel-6   | GP             | No      | MBMS-GERAN       | 30/08/2002 | 28/01/2005 | 100%       |                      |                            |                    |             |     |     |
| 1248 | 50090     | GERAN specific changes to the lu-ps interface      | Rel-6   | GP             | No      | MBMS-GERAN       | 30/08/2002 | 28/01/2005 | 100%       |                      |                            |                    |             |     |     |
| 1249 | 50091     | Interaction between MBMS and lu-flex               | Rel-6   | GP             | No      | MBMS-GERAN       | 30/08/2002 | 28/01/2005 | 100%       |                      |                            |                    |             |     |     |
| 1250 | 50092     | Security aspects                                   | Rel-6   | GP             | No      | MBMS-GERAN       | 30/08/2002 | 28/01/2005 | 100%       |                      |                            |                    |             |     |     |
| 1251 | 53081     | MS conformance tests- G3                           | Rel-6   | G3new          | No      | MBMS-GERAN       | 25/01/2002 | 28/01/2005 | 100%       |                      |                            |                    |             |     |     |
| 1252 | 55091     | Deleted - MS conformance tests - G5                | Rel-6   | G5             | No      | MBMS-GERAN       | 27/06/2003 | 27/06/2003 | 100%       |                      |                            |                    |             |     |     |
| 1253 | 31045     | MBMS User Services                                 | Rel-6   | S1             | No      | MBMS             | 13/05/2003 | 16/03/2006 | 100%       | 22.246               |                            |                    |             |     |     |
| 1254 | 31044     | MBMS User Services Stage 1                         | Rel-6   | S1             | No      | MBMS             | 13/05/2003 | 01/04/2004 | 100%       | 22.246               |                            |                    |             |     |     |
| 1255 | 34026     | Definition of MBMS user services, media codecs, f  | Rel-6   | S4             | No      | MBMS-TSMBMS      | 12/06/2003 | 16/03/2006 | 100%       | 26.346, 26.936, 26.9 | <a href="#">SP-030674</a>  | Nokia              |             |     |     |
| 1256 | 35038     | MBMS charging                                      | Rel-6   | S5             | No      | MBMS-CH          | 11/01/2005 | 09/06/2005 | 100%       | 32.273               | <a href="#">SP-040779</a>  |                    |             |     |     |
| 1257 | 25024     | MBMS UE Conformance Testing                        | Rel-6   | R5             | Yes     | MBMS-UEConTest   | 10/03/2006 | 07/03/2008 | 100%       | 34.108, 34.109, 34.  | <a href="#">Work Items</a> |                    |             |     |     |
| 1258 | 25014     | RF/RRM Conformance Test Aspects – MBMS (FD         | Rel-6   | R5             | Yes     | MBMS-RAN-RF_Tes  | 02/06/2006 | 07/03/2008 | 100%       | 34.108, 34.109, 34.  | <a href="#">Work Items</a> | Ericsson           |             |     |     |
| 1259 | 25022     | Conformance Test Aspects - MBMS for 3.84 Mcps      | Rel-6   | R5             | No      | MBMS-UEConTest_1 | 20/09/2006 | 07/12/2007 | 100%       | 34.108, 34.122, 34.  | <a href="#">Work Items</a> | IPWireless         |             |     |     |
| 1260 | 25023     | Signalling Conformance Test Aspects – MBMS for     | Rel-6   | R5             | No      | MBMS-UEConTest_5 | 20/09/2006 | 07/12/2007 | 100%       | 34.108, 34.123-1, 3  | <a href="#">Work Items</a> | DATANG             |             |     |     |
| 1261 | 25011     | Conformance Test Aspects – MBMS                    | Rel-6   | R5             | No      | MBMS_Test        | 10/03/2006 | 14/09/2007 | 100%       | 34.108, 34.123-1, 3- | <a href="#">Work Items</a> | Qualcomm           |             |     |     |
| 1262 | 25038     | Conformance Test Aspects - 1.28Mcps TDD MBM        | Rel-6   | R5             | No      | MBMS-UEConTest_F | 01/06/2007 | 07/12/2007 | 100%       | 34.108, 34.109, 34.  | <a href="#">Work Items</a> | Datang Mobile      |             |     |     |
| 1263 | 31006     | Speech Recognition and Speech Enable               | Rel-6   | S1             | No      | SRSES            | 08/10/2001 | 30/12/2005 | 100%       |                      | <a href="#">SP-010572</a>  |                    |             |     |     |
| 1264 | 31007     | Speech Enabled Services Based on Distributed Speec | Rel-6   | S1             | No      | DSR              | 08/10/2001 | 15/03/2002 | 100%       | 22.941, 23.207, 22.2 | <a href="#">SP-010581</a>  | Qualcomm           |             |     |     |
| 1265 | 32999     | TR on Architectural impacts                        | Rel-6   | S2             | No      |                  | 12/05/2003 | 02/03/2004 | 100%       | 23.877               |                            |                    |             |     |     |
| 1266 | 34700     | Codec Work to Support Speech Recognition Framewor  | Rel-6   | S4             | No      | SRSES-Codec      | 15/10/2002 | 16/12/2004 | 100%       | 26.235, 26.236, 26.  | <a href="#">SP-020687</a>  | Motorola           |             |     |     |
| 1267 | 60004     | Multimodal support                                 | Rel-6   | OMA            | No      |                  | 01/01/2004 | 30/12/2005 | 100%       |                      |                            |                    |             |     |     |
| 1268 | 11021     | Deleted - SES codec negotiation at SDP             | Rel-6   | N1             | No      |                  | 04/06/2003 | 04/06/2003 | 100%       |                      |                            |                    |             |     |     |
| 1269 | 31008     | Generic User Profile Rel-6                         | Rel-6   | S1             | No      | GUP              | 08/10/2001 | 03/03/2005 | 100%       |                      | <a href="#">SP-040515</a>  |                    |             |     |     |
| 1270 | 31009     | Stage 1 - Requirements                             | Rel-6   | S1             | No      |                  | 08/10/2001 | 30/05/2003 | 100%       | 22.240, 22.228       |                            | T-Mobile           |             |     |     |
| 1271 | 32008     | Stage 2 - Architecture                             | Rel-6   | S2             | No      |                  | 28/01/2002 | 06/06/2003 | 100%       | 23.240               | <a href="#">SP-020539</a>  | Nokia              |             |     |     |
| 1272 | 42002     | Stage 2 - Data Description Method                  | Rel-6   | N4             | No      |                  | 05/12/2002 | 03/03/2005 | 100%       | 23.241               | <a href="#">TP-020275</a>  | T-Mobile           |             |     |     |
| 1273 | 14008     | Stage 3 - Network                                  | Rel-6   | N4             | No      |                  | 19/05/2003 | 03/03/2005 | 100%       | 29.240               |                            |                    |             |     |     |
| 1274 | 33009     | Security Aspects                                   | Rel-6   | S3             | No      |                  | 16/07/2002 | 18/09/2003 | 100%       | 33.102, 33.203, 33.2 | <a href="#">SP-030109</a>  | Lucent             |             |     |     |
| 1275 | 31010     | Digital Rights Management                          | Rel-6   | S1             | No      | DRM              | 08/10/2001 | 28/05/2004 | 100%       |                      | <a href="#">SP-010577</a>  |                    |             |     |     |
| 1276 | 31011     | Requirements                                       | Rel-6   | S1             | No      |                  | 08/10/2001 | 13/06/2002 | 100%       |                      |                            | Openwave           |             |     |     |

| ID   | Jnique_IC    | Name  | Release | Resource Names | Modified  | Acronym         | Start             | Finish            | % Complete  | Impacted TSs and TRs        | Hyperlink                  | WI rapporteur name | Qtr 1, 2009 |     |     |
|------|--------------|---|---------|----------------|-----------|-----------------|-------------------|-------------------|-------------|-----------------------------|----------------------------|--------------------|-------------|-----|-----|
|      |              |   |         |                |           |                 |                   |                   |             |                             |                            |                    | Nov         | Jan | Mar |
| 1277 | 60005        | Stage 2   | Rel-6   | OMA            | No        |                 | 01/01/2004        | 28/05/2004        | 100%        |                             |                            |                    |             |     |     |
| 1278 | 60006        | Stage 3   | Rel-6   | OMA            | No        |                 | 01/01/2004        | 28/05/2004        | 100%        |                             |                            |                    |             |     |     |
| 1279 | 33001        | Security  | Rel-6   | OMA            | No        |                 | 17/06/2002        | 03/03/2003        | 100%        |                             |                            |                    |             |     |     |
| 1280 | 31037        | <i>Deleted - Monitoring of Stages 2 and 3 progress (actual)</i> | Rel-6   | S1             | No        |                 | 21/03/2003        | 21/03/2003        | 100%        |                             |                            |                    |             |     |     |
| 1281 | <b>31012</b> | <b>WLAN-UMTS Interworking Rel-6</b>                             | Rel-6   | <b>S1</b>      | <b>No</b> | <b>WLAN</b>     | <b>03/01/2000</b> | <b>22/09/2005</b> | <b>100%</b> |                             | <a href="#">SP-030712</a>  | <b>Telenor</b>     |             |     |     |
| 1282 | 31020        | Technical Report  | Rel-6   | S1             | No        | WLAN-TR         | 03/01/2000        | 13/06/2003        | 100%        | 22.934, 22.101, 22.1        | <a href="#">SP-030712</a>  | Telenor            |             |     |     |
| 1283 | <b>31035</b> | <b>Stage 1</b>  | Rel-6   | <b>S1</b>      | <b>No</b> | <b>WLAN-TS</b>  | <b>06/01/2003</b> | <b>11/06/2004</b> | <b>100%</b> | <b>22.234</b>               | <a href="#">SP-030712</a>  | <b>Telenor</b>     |             |     |     |
| 1284 | 31058        | Global stage 1  | Rel-6   | S1             | No        | WLAN-TS         | 06/01/2003        | 11/06/2004        | 100%        | 22.234                      | <a href="#">SP-030712</a>  | Telenor            |             |     |     |
| 1285 | 32018        | Architecture Definition for scenari 2 and 3                     | Rel-6   | S2             | No        |                 | 25/03/2002        | 31/05/2004        | 100%        | 23.234                      | <a href="#">SP-020542</a>  |                    |             |     |     |
| 1286 | 32704        | Security  | Rel-6   | S3             | No        |                 | 30/09/2002        | 21/03/2003        | 100%        | 21.133, 33.106, 33.1        | <a href="#">SP-020514</a>  | Ericsson           |             |     |     |
| 1287 | 14013        | Stage 3 - CN4 aspects   | Rel-6   | N4             | No        | WLAN-IW         | 23/05/2002        | 01/09/2004        | 100%        | 29.234, 29.061              | <a href="#">NP-030490</a>  | Nokia              |             |     |     |
| 1288 | 13019        | Stage 3 - CN3 aspects (Wi Interface for Scenario 3)             | Rel-6   | N3             | No        | WLAN            | 23/05/2003        | 30/09/2004        | 100%        | 29.161                      |                            |                    |             |     |     |
| 1289 | 11042        | Stage 3 for scenario 2  | Rel-6   | N1             | No        |                 | 23/05/2003        | 08/09/2004        | 100%        |                             | <a href="#">NP-030490</a>  |                    |             |     |     |
| 1290 | 11047        | Stage 3 for scenario 3  | Rel-6   | N1             | No        |                 | 23/05/2003        | 08/12/2004        | 100%        |                             |                            |                    |             |     |     |
| 1291 | 35033        | WLAN charging   | Rel-6   | S5             | No        | WLAN-CH         | 21/03/2003        | 22/09/2005        | 100%        | 32.252                      | <a href="#">SP-030048</a>  | Nokia              |             |     |     |
| 1292 | 43010        | USIM enhancements for WLAN Interworking                         | Rel-6   | T3             | No        |                 | 05/09/2003        | 04/03/2005        | 100%        |                             | <a href="#">TP-030185</a>  | Axalto             |             |     |     |
| 1293 | <b>31015</b> | <b>Priority Service</b>   | Rel-6   | <b>S1</b>      | <b>No</b> | <b>NTShar</b>   | <b>30/05/2002</b> | <b>26/09/2003</b> | <b>100%</b> |                             | <a href="#">SP 010739</a>  |                    |             |     |     |
| 1294 | 31016        | Feasibility Study   | Rel-6   | S1             | No        | PRIOR-FS        | 14/06/2002        | 14/06/2002        | 100%        | 22.950                      | <a href="#">SP-010523</a>  | Telcordia          |             |     |     |
| 1295 | 31017        | Stage 1 - Requirements  | Rel-6   | S1             | No        | PRIOR-SR        | 30/05/2002        | 17/09/2003        | 100%        |                             |                            | Telcordia          |             |     |     |
| 1296 | 31043        | Priority service implementation guide                           | Rel-6   | S1             | No        |                 | 28/03/2003        | 26/09/2003        | 100%        | 22.952                      |                            | Telcordia          |             |     |     |
| 1297 | <b>31018</b> | <b>Network Sharing</b>  | Rel-6   | <b>S1</b>      | <b>No</b> | <b>NTShar</b>   | <b>20/01/2003</b> | <b>15/12/2004</b> | <b>100%</b> |                             | <a href="#">SP 010739</a>  |                    |             |     |     |
| 1298 | 31019        | Technical Report  | Rel-6   | S1             | No        | NTShar-TR       | 20/01/2003        | 19/12/2003        | 100%        | 22.951                      |                            |                    |             |     |     |
| 1299 | 31038        | Stage 1 - CRs to implement Network Sharing                      | Rel-6   | S1             | No        | NTShar-CR       | 20/01/2003        | 19/12/2003        | 100%        | 22.011, 22.101, 22.1        |                            |                    |             |     |     |
| 1300 | 32044        | Stage 2   | Rel-6   | S2             | No        |                 | 27/02/2003        | 30/07/2004        | 100%        | 23.251                      | <a href="#">SP-030123</a>  |                    |             |     |     |
| 1301 | 11043        | Network sharing - stage 3                                       | Rel-6   | N1             | No        |                 | 23/05/2003        | 08/12/2004        | 100%        |                             | <a href="#">NP-040429</a>  |                    |             |     |     |
| 1302 | 22004        | Enhancement of the support of network sharing in the L          | Rel-6   | R2             | No        | NTShar-UTRANenh | 19/09/2003        | 15/12/2004        | 100%        | 25.401, 25.413, 25.5        | <a href="#">Work Items</a> | TeliaSonera        |             |     |     |
| 1303 | <b>32016</b> | <b>QoS Improvements</b>   | Rel-6   | <b>S2</b>      | <b>No</b> | <b>QoS1</b>     | <b>15/07/2002</b> | <b>08/12/2004</b> | <b>100%</b> |                             | <a href="#">SP-010719</a>  | <b>Nokia</b>       |             |     |     |
| 1304 | 32017        | FS on Dynamic Policy control enhancements for end-to            | Rel-6   | S2             | No        | QoS1            | 15/07/2002        | 23/04/2004        | 100%        | 23.917                      | <a href="#">SP-020540</a>  | Norte              |             |     |     |
| 1305 | 32059        | Definition of the Gq interface                                  | Rel-6   | S2             | No        |                 | 01/07/2002        | 23/04/2004        | 100%        | 23.221                      | <a href="#">SP-030306</a>  |                    |             |     |     |
| 1306 | 13016        | Gq interface specification for Dynamic Policy control en        | Rel-6   | N3             | No        |                 | 29/08/2003        | 08/12/2004        | 100%        | 24.228, 29.207, 29.2        | <a href="#">NP-030198</a>  | Nokia              |             |     |     |
| 1307 | <b>33002</b> | <b>Subscriber certificates</b>                                  | Rel-6   | <b>S3</b>      | <b>No</b> | <b>SEC1-SC</b>  | <b>25/02/2002</b> | <b>08/12/2004</b> | <b>100%</b> | <b>33.102</b>               | <a href="#">SP-010622</a>  | <b>Nokia</b>       |             |     |     |
| 1308 | 32705        | Stage 1   | Rel-6   | S3             | No        |                 | 25/02/2002        | 12/09/2002        | 100%        |                             |                            |                    |             |     |     |
| 1309 | 32706        | Architecture review   | Rel-6   | S2             | No        |                 | 14/10/2002        | 14/11/2002        | 100%        |                             |                            |                    |             |     |     |
| 1310 | 14504        | Stage 3   | Rel-6   | N4             | No        | SEC1-SC         | 19/09/2003        | 30/11/2004        | 100%        |                             | <a href="#">NP-030399</a>  | Nokia              |             |     |     |
| 1311 | 11049        | Stage 3 Ua & Ub interfaces                                      | Rel-6   | N1             | No        |                 | 03/11/2003        | 08/12/2004        | 100%        |                             |                            |                    |             |     |     |
| 1312 | 60007        | OMA dependencies on Subscriber certificates                     | Rel-6   | OMA            | No        |                 | 01/01/2004        | 08/06/2004        | 100%        |                             |                            |                    |             |     |     |
| 1313 | <b>15010</b> | <b>Rel-6 OSA enhancements</b>                                   | Rel-6   | <b>N5</b>      | <b>No</b> | <b>OSA3</b>     | <b>31/10/2002</b> | <b>10/03/2005</b> | <b>100%</b> | <b>22.127, 23.198, 29.1</b> | <a href="#">NP-040351</a>  | <b>Alcatel</b>     |             |     |     |
| 1314 | 31040        | Scope of the Open Service Access Release 6                      | Rel-6   | S1             | No        |                 | 28/03/2003        | 27/06/2003        | 100%        |                             | <a href="#">SP-030038</a>  |                    |             |     |     |
| 1315 | 15038        | OSA Stage 2   | Rel-6   | N5             | No        |                 | 13/08/2004        | 10/03/2005        | 100%        | 23.198 OSA Stage 2          |                            |                    |             |     |     |
| 1316 | 15026        | Multi Media Messaging function                                  | Rel-6   | N5             | No        |                 | 31/10/2002        | 10/09/2004        | 100%        | 29.198-15                   |                            |                    |             |     |     |
| 1317 | 15028        | Policy management extensions                                    | Rel-6   | N5             | No        |                 | 31/10/2002        | 12/12/2003        | 100%        | 29.198, 29.998              |                            |                    |             |     |     |
| 1318 | 15029        | TS on Presence and Availability Management (from the            | Rel-6   | N5             | No        |                 | 31/10/2002        | 26/03/2004        | 100%        | 29.198-14                   |                            |                    |             |     |     |
| 1319 | 15032        | OSA interfaces at different levels of abstractions (Parla       | Rel-6   | N5             | No        |                 | 14/07/2003        | 10/09/2004        | 100%        | 29.199                      |                            |                    |             |     |     |
| 1320 | 15033        | Introduction of migration support mechanism                     | Rel-6   | N5             | No        |                 | 31/10/2002        | 10/12/2003        | 100%        | 29.198, 29.998              |                            |                    |             |     |     |

| ID   | Jnique_IC    | Name   | Release | Resource Names | Modifie | Acronym       | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                     | WI rapporteur name | Qtr 1, 2009 |     |     |
|------|--------------|--|---------|----------------|---------|---------------|------------|------------|------------|----------------------|-------------------------------|--------------------|-------------|-----|-----|
|      |              |  |         |                |         |               |            |            |            |                      |                               |                    | Nov         | Jan | Mar |
| 1321 | 15036        | Framework Function for Federation                            | Rel-6   | N5             | No      |               | 03/02/2003 | 12/12/2003 | 100%       | 29.198, 29.998       |                               |                    |             |     |     |
| 1322 | 60008        | OMA potential overlaps with 3GPP OSA Stage 3 (Web            | Rel-6   | OMA            | No      |               | 18/12/2003 | 16/09/2004 | 100%       |                      |                               |                    |             |     |     |
| 1323 | 15037        | <i>Deleted - TR on Presence and Availability Management</i>  | Rel-6   | N5             | No      |               | 17/09/2004 | 17/09/2004 | 100%       |                      |                               |                    |             |     |     |
| 1324 | <b>50401</b> | <b>Addition of frequency bands to GSM (TA</b>                | Rel-6   | GP             | No      | TAPS          | 28/06/2002 | 28/01/2005 | 100%       |                      | <a href="#">GP-022072</a>     | Nokia              |             |     |     |
| 1325 | <b>50094</b> | <b>Addition of frequency bands to GSM – Changes to</b>       | Rel-6   | G1             | No      | TAPS-Specs    | 15/11/2002 | 20/12/2002 | 100%       |                      | <a href="#">GP-022073</a>     | Nokia              |             |     |     |
| 1326 | 51102        | Changes to core specs  | Rel-6   | G1             | No      |               | 15/11/2002 | 20/12/2002 | 100%       |                      |                               |                    |             |     |     |
| 1327 | 54102        | <i>Deleted at TSG #27 - Addition of frequency bands to G</i> | Rel-6   | G4             | No      | TAPS-Conf     | 28/06/2002 | 28/01/2005 | 100%       |                      | <a href="#">GP-022074</a>     | Nokia              |             |     |     |
| 1328 | 54103        | <i>Deleted at TSG #27 - 51.010-1 Add testing</i>             | Rel-6   | G4             | No      |               | 28/06/2002 | 28/01/2005 | 100%       |                      |                               |                    |             |     |     |
| 1329 | <b>50130</b> | <b>Seamless support of streaming services</b>                | Rel-6   | GP             | No      | SSStrea       | 03/01/2000 | 17/06/2005 | 100%       |                      | <a href="#">GP-022561</a>     | Vodafone           |             |     |     |
| 1330 | <b>51131</b> | <b>Identification of requirements for streaming</b>          | Rel-6   | G1             | No      |               | 27/06/2003 | 29/08/2003 | 100%       |                      | <a href="#">GP-022564</a>     |                    |             |     |     |
| 1331 | 51133        | Requirements   | Rel-6   | G1             | No      |               | 27/06/2003 | 29/08/2003 | 100%       |                      |                               |                    |             |     |     |
| 1332 | <b>51132</b> | <b>Performance study of cell change mechanisms</b>           | Rel-6   | G1             | No      |               | 03/01/2000 | 29/08/2003 | 100%       |                      | <a href="#">GP-022562</a>     |                    |             |     |     |
| 1333 | 51134        | Performance of NACC  | Rel-6   | G1             | No      |               | 03/01/2000 | 29/08/2003 | 100%       |                      |                               |                    |             |     |     |
| 1334 | 51135        | Performance of cell change in DTM for the PS dom             | Rel-6   | G1             | No      |               | 03/01/2000 | 29/08/2003 | 100%       |                      |                               |                    |             |     |     |
| 1335 | 51136        | Handover   | Rel-6   | G1             | No      |               | 03/01/2000 | 29/08/2003 | 100%       |                      |                               |                    |             |     |     |
| 1336 | <b>52131</b> | <b>Reduction of service interruption times and packet</b>    | Rel-6   | G2             | No      |               | 27/06/2003 | 17/06/2005 | 100%       |                      | <a href="#">GP-022563</a>     |                    |             |     |     |
| 1337 | 52133        | Optimisations of existing mechanisms/procedures              | Rel-6   | G2             | No      |               | 27/06/2003 | 21/11/2003 | 100%       |                      |                               |                    |             |     |     |
| 1338 | 52134        | Inter-system NACC  | Rel-6   | G2             | No      |               | 27/06/2003 | 21/11/2003 | 100%       |                      |                               |                    |             |     |     |
| 1339 | 52135        | PS Handover (within GERAN and between GERAN)                 | Rel-6   | G2             | No      |               | 27/06/2003 | 17/06/2005 | 100%       |                      |                               |                    |             |     |     |
| 1340 | 52136        | Dependency to other features                                 | Rel-6   | G2             | No      |               | 27/06/2003 | 21/11/2003 | 100%       |                      |                               |                    |             |     |     |
| 1341 | <b>54131</b> | <b>MS conformance testing</b>                                | Rel-6   | G3new          | No      |               | 19/12/2003 | 30/01/2004 | 100%       |                      | <a href="#">GP-023424</a>     |                    |             |     |     |
| 1342 | 54132        | MS conformance tests   | Rel-6   | G4,G5          | No      |               | 19/12/2003 | 30/01/2004 | 100%       |                      |                               |                    |             |     |     |
| 1343 | 33013        | GERAN A/Gb mode security enhancements                        | Rel-6   | S3             | No      |               | 26/09/2002 | 28/01/2005 | 100%       | 33.102               | <a href="#">SP-030107</a>     | Vodafone           |             |     |     |
| 1344 | 34300        | <b>Performance characterisation of default</b>               | Rel-6   | S4             | No      | CODCAR        | 13/09/2002 | 10/06/2004 | 100%       | 26.935               | <a href="#">SP-020433</a>     | Nokia              |             |     |     |
| 1345 | 31030        | <b>Study on Privacy Capability</b>                           | Rel-6   | S1             | No      | PrivCap       | 10/11/2003 | 03/03/2004 | 100%       | 21.949               | <a href="#">SP-020579</a>     | Lucent             |             |     |     |
| 1346 | <b>35010</b> | <b>OAM&amp;P Rel-6</b>                                       | Rel-6   | S5             | No      | OAM           | 12/09/2002 | 11/03/2005 | 100%       | 32-series            | <a href="#">SP-040766</a>     | Motorola           |             |     |     |
| 1347 | 35011        | Principles, high level Requirements and Architecture         | Rel-6   | S5             | No      | OAM-AR        | 12/09/2002 | 16/09/2004 | 100%       | 32.101, 32.102       | <a href="#">SP-040767</a>     | Motorola           |             |     |     |
| 1348 | 35012        | Performance Management                                       | Rel-6   | S5             | No      | OAM-PM        | 12/09/2002 | 16/12/2004 | 100%       | 32.401/3, 52.402, 32 | <a href="#">SP-040782</a>     | Nortel             |             |     |     |
| 1349 | 35014        | Network Infrastructure Management                            | Rel-6   | S5             | No      | OAM-NIM       | 12/09/2002 | 16/12/2004 | 100%       | 32.15x, 32.3/6/7xy   | <a href="#">SP-040789</a>     | Ericsson           |             |     |     |
| 1350 | <b>35015</b> | <b>Trace Management Rel-6</b>                                | Rel-6   | S5             | No      | OAM-Trace     | 20/09/2002 | 11/03/2005 | 100%       | 32.42x, 52.008       | <a href="#">SP-040782</a>     | Nokia              |             |     |     |
| 1351 | 35022        | Subscriber and UE trace management                           | Rel-6   | S5             | No      | OAM-Trace     | 20/09/2002 | 16/12/2004 | 100%       | 32.421/2/3, 52.008   |                               | Nokia              |             |     |     |
| 1352 | 23013        | Subscriber and equipment trace in UTRAN                      | Rel-6   | R3             | No      | OAM-Trace-RAN | 06/06/2003 | 15/06/2004 | 100%       | 25.413, 25.420, 25.4 | <a href="#">Items_History</a> | Nortel             |             |     |     |
| 1353 | 14016        | Trace Management, Stage3                                     | Rel-6   | N4             | No      | OAM-Trace     | 09/06/2004 | 11/03/2005 | 100%       | 23.205, 29.232, 29.  | <a href="#">NP-040411</a>     | Nokia              |             |     |     |
| 1354 | <b>35016</b> | <b>Charging Management</b>                                   | Rel-6   | S5             | No      | CH            | 21/11/2002 | 09/06/2005 | 100%       | 32.2xy               | <a href="#">SP-040773</a>     | T-Mobile           |             |     |     |
| 1355 | 35037        | Charging architecture and principles                         | Rel-6   | S5             | No      | CH            | 21/03/2003 | 16/09/2004 | 100%       | 32.240               |                               |                    |             |     |     |
| 1356 | 35024        | Charging Data Record (CDR) file format and transfer          | Rel-6   | S5             | No      | CH            | 21/03/2003 | 18/03/2004 | 100%       | 32.297               |                               |                    |             |     |     |
| 1357 | 35025        | CDR parameter description                                    | Rel-6   | S5             | No      | CH            | 21/03/2003 | 09/06/2005 | 100%       | 32.298               |                               |                    |             |     |     |
| 1358 | 35026        | Diameter charging applications                               | Rel-6   | S5             | No      | CH            | 21/03/2003 | 16/09/2004 | 100%       | 32.299               |                               |                    |             |     |     |
| 1359 | 35027        | Online Charging System (OCS) architecture study              | Rel-6   | S5             | No      | CH            | 21/03/2003 | 18/09/2003 | 100%       | 32.815               |                               |                    |             |     |     |
| 1360 | 35028        | OCS: Applications and interfaces                             | Rel-6   | S5             | No      | CH            | 21/03/2003 | 16/12/2004 | 100%       | 32.296               |                               |                    |             |     |     |
| 1361 | <b>35017</b> | <b>Charging Management for Bearer level</b>                  | Rel-6   | S5             | No      | CH-BC         | 21/03/2003 | 16/09/2004 | 100%       |                      | <a href="#">SP-030048</a>     | Nokia              |             |     |     |
| 1362 | 35029        | CS domain charging   | Rel-6   | S5             | No      | CH            | 21/03/2003 | 18/03/2004 | 100%       | 32.250               |                               |                    |             |     |     |
| 1363 | 35030        | PS domain charging   | Rel-6   | S5             | No      | CH            | 21/03/2003 | 16/09/2004 | 100%       | 32.251               |                               |                    |             |     |     |
| 1364 | 35031        | CDR transfer   | Rel-6   | S5             | No      | CH            | 21/03/2003 | 16/09/2004 | 100%       | 32.295               |                               |                    |             |     |     |

| ID   | Jnique_IC     | Name  | Release      | Resource Names | Modifie   | Acronym                | Start             | Finish            | % Complete  | Impacted TSs and TRs | Hyperlink                         | WI rapporteur name         | Qtr 1, 2009 |     |     |
|------|---------------|---|--------------|----------------|-----------|------------------------|-------------------|-------------------|-------------|----------------------|-----------------------------------|----------------------------|-------------|-----|-----|
|      |               |   |              |                |           |                        |                   |                   |             |                      |                                   |                            | Nov         | Jan | Mar |
| 1365 | 35018         | Charging Management for the IMS                             | Rel-6        | S5             | No        | IMS2-CH                | 21/03/2003        | 16/12/2004        | 100%        | 32.260               | <a href="#">SP-030049</a>         | Ericsson                   |             |     |     |
| 1366 | 35019         | Charging Management for the Service domain                  | Rel-6        | S5             | No        | CH                     | 21/03/2003        | 09/06/2005        | 100%        | 32.252, 32.270/1/2   | <a href="#">SP-040778</a>         | Siemens                    |             |     |     |
| 1367 | <b>32030</b>  | <b>Overall architectural aspects of IP flow based beare</b> | <b>Rel-6</b> | <b>S2</b>      | <b>No</b> | <b>CH-FBC</b>          | <b>21/11/2002</b> | <b>11/03/2005</b> | <b>100%</b> | <b>23.125</b>        | <b><a href="#">SP-040041</a></b>  |                            |             |     |     |
| 1368 | 32069         | Overall definition of FBC architecture                      | Rel-6        | S2             | No        |                        | 21/11/2002        | 02/03/2004        | 100%        |                      |                                   |                            |             |     |     |
| 1369 | 32070         | Study on providing policy control with FBC                  | Rel-6        | S2             | No        |                        | 02/02/2004        | 30/07/2004        | 100%        |                      |                                   |                            |             |     |     |
| 1370 | 13020         | Gx interface for flow based charging                        | Rel-6        | N3             | No        | CH-FBC                 | 02/02/2004        | 08/12/2004        | 100%        | 29.210               | <a href="#">NP-040245</a>         | Nokia                      |             |     |     |
| 1371 | 13021         | Rx interface for flow based charging                        | Rel-6        | N3             | No        | CH-FBC                 | 02/02/2004        | 11/03/2005        | 100%        | 29.209               | <a href="#">NP-040339</a>         | Nortel                     |             |     |     |
| 1372 | <b>1800</b>   | <b>Rel-6 UICC/USIM enhancements and inte</b>                | <b>Rel-6</b> | <b>T3</b>      | <b>No</b> | <b>USAT1</b>           | <b>25/09/2000</b> | <b>10/03/2005</b> | <b>100%</b> |                      | <b><a href="#">not needed</a></b> |                            |             |     |     |
| 1373 | <b>1802</b>   | <b>UICC API</b>   | <b>Rel-6</b> | <b>T3</b>      | <b>No</b> | <b>USAT1-API</b>       | <b>20/03/2002</b> | <b>10/03/2005</b> | <b>100%</b> |                      |                                   |                            |             |     |     |
| 1374 | 43001         | Java API Test specification                                 | Rel-6        | T3             | No        |                        | 20/03/2002        | 10/06/2002        | 100%        |                      | <a href="#">TP-020029</a>         | lectrónica Española        |             |     |     |
| 1375 | 43006         | 2G/3G Java Card™ API based applet interworking              | Rel-6        | T3             | No        | USAT1-API              | 17/03/2003        | 05/03/2004        | 100%        |                      | <a href="#">TP-030031</a>         | arthur Card Systems        |             |     |     |
| 1376 | 43007         | (U)SIM API for Java Card Testing Work Item                  | Rel-6        | T3             | No        |                        | 17/03/2003        | 10/03/2005        | 100%        | 31.213               | <a href="#">TP-040186</a>         | Axalto                     |             |     |     |
| 1377 | 43003         | <i>Deleted - Java API Test specification (TS 43.019 F</i>   | <i>Rel-6</i> | <i>T3</i>      | <i>No</i> |                        | <i>30/05/2002</i> | <i>09/06/2003</i> | <i>100%</i> |                      | <i><a href="#">TP-020122</a></i>  | <i>lectrónica Española</i> |             |     |     |
| 1378 | <b>43004</b>  | <b>Rel-6 USIM toolkit enhancements</b>                      | <b>Rel-6</b> | <b>T3</b>      | <b>No</b> |                        | <b>25/09/2000</b> | <b>04/03/2005</b> | <b>100%</b> |                      |                                   |                            |             |     |     |
| 1379 | <b>502031</b> | <b>C SIM API</b>  | <b>Rel-6</b> | <b>T3</b>      | <b>No</b> | <b>USAT1-API-MULTO</b> | <b>25/09/2000</b> | <b>27/09/2002</b> | <b>100%</b> |                      | <b><a href="#">TP-000155</a></b>  |                            |             |     |     |
| 1380 | 502032        | Specification   | Rel-6        | T3             | No        |                        | 25/09/2000        | 27/09/2002        | 100%        |                      | <a href="#">TP-000155</a>         | Aspects Software           |             |     |     |
| 1381 | 502033        | Test specification  | Rel-6        | T3             | No        |                        | 01/01/2001        | 28/09/2001        | 100%        |                      | <a href="#">TP-000155</a>         | Aspects Software           |             |     |     |
| 1382 | 43009         | USIM application toolkit Conformance Test Specifi           | Rel-6        | T3             | No        |                        | 05/12/2003        | 04/03/2005        | 100%        | 31.124               | <a href="#">TP-030259</a>         | Gemplus                    |             |     |     |
| 1383 | <b>34022</b>  | <b>Packet Switched Streaming Services Rel</b>               | <b>Rel-6</b> | <b>S4</b>      | <b>No</b> | <b>PSSrel6</b>         | <b>18/11/2002</b> | <b>07/12/2005</b> | <b>100%</b> |                      | <b><a href="#">SP-020685</a></b>  | <b>Ericsson</b>            |             |     |     |
| 1384 | 31039         | Stage 1   | Rel-6        | S1             | No        |                        | 18/11/2002        | 17/03/2003        | 100%        | 22.233               |                                   |                            |             |     |     |
| 1385 | 34024         | Stage 3   | Rel-6        | S4             | No        | PSSrel6-Stage3         | 13/12/2002        | 07/12/2005        | 100%        | 26.233, 26.234, 26.2 |                                   | Ericsson                   |             |     |     |
| 1386 | 34023         | <b>AMR-WB extension for high audio qualit</b>               | Rel-6        | S4             | No        | AMRWB+                 | 13/12/2002        | 07/12/2005        | 100%        | 26.290, 26.304, 26.2 | <a href="#">SP-030083</a>         | Nokia                      |             |     |     |
| 1387 | 34027         | <b>Codec Enhancements for Packet Switch</b>                 | Rel-6        | S4             | No        | CEPSCM                 | 16/03/2004        | 16/12/2004        | 100%        | 26.235, 26.236       | <a href="#">SP-040066</a>         | Nokia                      |             |     |     |
| 1388 | 34028         | <b>3G-324M Improvements</b>                                 | Rel-6        | S4             | No        | 3G-324MI               | 16/03/2004        | 16/12/2004        | 100%        | 26.111, 26.911       | <a href="#">SP-040067</a>         | Ericsson                   |             |     |     |
| 1389 | 51101         | <b>Single Antenna Receiver Interference Ca</b>              | Rel-6        | GP,G1          | No        | SAIC                   | 15/11/2002        | 27/08/2004        | 100%        |                      | <a href="#">GP-023400</a>         | Cingular                   |             |     |     |
| 1390 | <b>12006</b>  | <b>Enhancement of dialled service for CAM</b>               | <b>Rel-6</b> | <b>S1</b>      | <b>No</b> | <b>EDCAMEL</b>         | <b>28/03/2003</b> | <b>31/12/2003</b> | <b>100%</b> |                      | <b><a href="#">SP-020818</a></b>  | <b>Samsung</b>             |             |     |     |
| 1391 | 12007         | Stages 2 and 3  | Rel-6        | N4             | No        |                        | 28/03/2003        | 31/12/2003        | 100%        |                      | <a href="#">NP-030153</a>         |                            |             |     |     |
| 1392 | 32060         | <b>Bandwidth and resource savings in CS r</b>               | Rel-6        | S2             | No        | BARS                   | 01/06/2003        | 16/06/2004        | 100%        | 23.977               | <a href="#">SP-030308</a>         |                            |             |     |     |
| 1393 | 33018         | <b>FS on (U)SIM Security Reuse by Periphe</b>               | Rel-6        | S3             | No        |                        | 03/07/2003        | 26/12/2003        | 100%        |                      | <a href="#">SP-030341</a>         | Toshiba                    |             |     |     |
| 1394 | <b>50600</b>  | <b>Multiple TBF in A/Gb mode</b>                            | <b>Rel-6</b> | <b>GP,G2</b>   | <b>No</b> | <b>MULTBF</b>          | <b>05/04/2002</b> | <b>28/01/2005</b> | <b>100%</b> |                      | <b><a href="#">GP-021263</a></b>  | <b>Ericsson</b>            |             |     |     |
| 1395 | <b>50601</b>  | <b>Multiple TBF in A/Gb mode</b>                            | <b>Rel-6</b> | <b>GP,G2</b>   | <b>No</b> | <b>MULTBF-Agbmode</b>  | <b>05/04/2002</b> | <b>29/08/2003</b> | <b>100%</b> |                      | <b><a href="#">GP-021263</a></b>  | <b>Ericsson</b>            |             |     |     |
| 1396 | 50602         | Multiple TBF Concept paper                                  | Rel-6        | GP,G2          | No        |                        | 05/04/2002        | 29/08/2003        | 100%        |                      |                                   |                            |             |     |     |
| 1397 | 50603         | Multiple TBF Stage 2 (43.064) CRs                           | Rel-6        | GP,G2          | No        |                        | 05/04/2002        | 29/08/2003        | 100%        |                      |                                   |                            |             |     |     |
| 1398 | 50604         | Multiple TBF Stage 3 (44.060) CRs                           | Rel-6        | GP,G2          | No        |                        | 05/04/2002        | 29/08/2003        | 100%        |                      |                                   |                            |             |     |     |
| 1399 | 50605         | <i>Deleted at TGS # 27 - Multiple TBF in A/Gb mode – MS</i> | <i>Rel-6</i> | <i>G3new</i>   | <i>No</i> | <i>MULTBF-Testing</i>  | <i>28/01/2005</i> | <i>28/01/2005</i> | <i>100%</i> |                      | <i><a href="#">GP-022098</a></i>  | <i>Ericsson</i>            |             |     |     |
| 1400 | <b>50096</b>  | <b>Alignment between the test-regimes for</b>               | <b>Rel-6</b> | <b>G3new</b>   | <b>No</b> | <b>ALTERE</b>          | <b>29/08/2003</b> | <b>02/09/2005</b> | <b>100%</b> |                      | <b><a href="#">GP-032236</a></b>  | <b>Ericsson</b>            |             |     |     |
| 1401 | 50097         | Determine the controversial test cases in the different te  | Rel-6        | G3new          | No        | ALTERE-TC              | 29/08/2003        | 02/09/2005        | 100%        |                      |                                   |                            |             |     |     |
| 1402 | 50444         | <b>Addition of U-TDOA in the CS domain</b>                  | Rel-6        | GP             | No        | UTDOACS                | 21/11/2003        | 23/04/2004        | 100%        |                      | <a href="#">GP-032773</a>         | TruePosition               |             |     |     |
| 1403 | 50445         | <b>Addition of U-TDOA in the PS domain</b>                  | Rel-6        | GP             | No        | UTDOAPS                | 27/06/2003        | 12/11/2004        | 100%        |                      | <a href="#">GP-032774</a>         | TruePosition               |             |     |     |
| 1404 | <b>50101</b>  | <b>Downlink Advanced Receiver Performan</b>                 | <b>Rel-6</b> | <b>GP</b>      | <b>No</b> | <b>DARP</b>            | <b>21/11/2003</b> | <b>02/09/2005</b> | <b>100%</b> |                      | <b><a href="#">GP-041966</a></b>  | <b>Nokia</b>               |             |     |     |
| 1405 | 50102         | DARP test scenarios   | Rel-6        | GP             | No        | DARP-TS                | 21/11/2003        | 27/08/2004        | 100%        |                      | <a href="#">GP-041967</a>         | Nokia                      |             |     |     |
| 1406 | <b>50103</b>  | <b>DARP for GMSK modulated voice services</b>               | <b>Rel-6</b> | <b>GP</b>      | <b>No</b> | <b>DARP-GMSK</b>       | <b>06/02/2004</b> | <b>12/11/2004</b> | <b>100%</b> |                      | <b><a href="#">GP-041968</a></b>  | <b>Nokia</b>               |             |     |     |
| 1407 | 50104         | Performance requirements in 45.005                          | Rel-6        | GP             | No        | DARP-GMSK-Perf         | 06/02/2004        | 12/11/2004        | 100%        |                      |                                   |                            |             |     |     |
| 1408 | 50105         | Radio subsystem link control in 45.008                      | Rel-6        | GP             | No        | DARP-GMSK-LC           | 06/02/2004        | 12/11/2004        | 100%        |                      |                                   |                            |             |     |     |

| ID   | Jnique_IC | Name  | Release | Resource Names | Modifie | Acronym          | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                  | WI rapporteur name | Qtr 1, 2009 |     |     |
|------|-----------|---|---------|----------------|---------|------------------|------------|------------|------------|----------------------|----------------------------|--------------------|-------------|-----|-----|
|      |           |   |         |                |         |                  |            |            |            |                      |                            |                    | Nov         | Jan | Mar |
| 1409 | 50106     | DARP for GPRS and EGPRS MCS1-MCS4                         | Rel-6   | GP             | No      | DARP-GPRSE       | 06/02/2004 | 12/11/2004 | 100%       |                      | <a href="#">GP-041969</a>  | Nokia              |             |     |     |
| 1410 | 50107     | Performance requirements in 45.005                        | Rel-6   | GP             | No      | DARP-GPRSE-Perf  | 06/02/2004 | 12/11/2004 | 100%       |                      |                            |                    |             |     |     |
| 1411 | 50108     | Radio subsystem link control in 45.008                    | Rel-6   | GP             | No      | DARP-GPRSE-LC    | 06/02/2004 | 12/11/2004 | 100%       |                      |                            |                    |             |     |     |
| 1412 | 50115     | DARP Capability signalling                                | Rel-6   | GP             | No      | DARP-CAPSIG      | 21/11/2003 | 12/11/2004 | 100%       |                      | <a href="#">GP-041970</a>  | Nokia              |             |     |     |
| 1413 | 50116     | GERAN MS Conformance test for DARP                        | Rel-6   | G3new          | No      | ARP-ConfTest     | 27/08/2004 | 02/09/2005 | 100%       |                      | <a href="#">GP-041971</a>  | Nokia              |             |     |     |
| 1414 | 50109     | Reduction of PS service interruption in I                 | Rel-6   | G2             | No      | PSintDTM         | 21/11/2003 | 24/06/2005 | 100%       |                      | <a href="#">GP-032548</a>  | Siemens            |             |     |     |
| 1415 | 50110     | Use case and requirement definition                       | Rel-6   | G2             | No      | PSintDTM-Req     | 21/11/2003 | 23/04/2004 | 100%       |                      | <a href="#">GP-032549</a>  | Siemens            |             |     |     |
| 1416 | 50111     | Performance Study of Current Procedures                   | Rel-6   | G2             | No      | PSintDTM-Perf    | 21/11/2003 | 23/04/2004 | 100%       |                      | <a href="#">GP-032550</a>  | Siemens            |             |     |     |
| 1417 | 50112     | Reduction of service interruption times and packet loss   | Rel-6   | G2             | No      | PSintDTM-Reduct  | 23/04/2004 | 12/11/2004 | 100%       |                      | <a href="#">GP-032551</a>  | Siemens            |             |     |     |
| 1418 | 50113     | Deleted - MS Conformance testing                          | Rel-6   | G3new          | No      | PSintDTM-ConfIMS | 25/06/2004 | 24/06/2005 | 100%       |                      |                            |                    |             |     |     |
| 1419 | 50114     | Deleted - BTS Conformance testing                         | Rel-6   | G3new          | No      | PSintDTM-ConfBTS | 24/06/2005 | 24/06/2005 | 100%       |                      |                            |                    |             |     |     |
| 1420 | 12008     | CAMEL prepay interworking with SCUDI                      | Rel-6   | N4             | No      | SCCAMEL          | 08/12/2003 | 05/10/2004 | 100%       |                      | <a href="#">NP-030584</a>  |                    |             |     |     |
| 1421 | 31046     | Circuit Switched Video and Voice Service                  | Rel-6   | S1             | No      | CS_VSS           | 12/01/2004 | 02/09/2005 | 100%       | 23.801               | <a href="#">SP-040331</a>  | Vodafone           |             |     |     |
| 1422 | 31047     | Stage 1 - Requirements                                    | Rel-6   | S1             | No      | CS_VSS           | 12/01/2004 | 14/10/2004 | 100%       |                      |                            | Vodafone           |             |     |     |
| 1423 | 32071     | Stage 2 Study on architecture alternatives                | Rel-6   | S2             | No      | CS_VSS           | 12/01/2004 | 13/08/2004 | 100%       |                      |                            |                    |             |     |     |
| 1424 | 32072     | Stage 2 description on Redial                             | Rel-6   | S2             | No      | CS_VSS           | 03/05/2004 | 16/12/2004 | 100%       | 23.903               |                            |                    |             |     |     |
| 1425 | 11053     | Switching between voice and video call - Redial solution  | Rel-6   | C1             | No      | CS_VSS           | 03/01/2005 | 17/06/2005 | 100%       |                      |                            |                    |             |     |     |
| 1426 | 52137     | Deleted - GERAN2 Part                                     | Rel-6   | G2             | No      | CS_VSS           | 02/09/2005 | 02/09/2005 | 100%       |                      |                            |                    |             |     |     |
| 1427 | 13017     | Deleted - CN3 Part  | Rel-6   | N3             | No      | CS_VSS           | 14/10/2004 | 14/10/2004 | 100%       |                      |                            |                    |             |     |     |
| 1428 | 33020     | Network Domain Security; MAP application                  | Rel-6   | S3             | No      | MAPSEC           | 06/07/2004 | 29/12/2004 | 100%       |                      | <a href="#">SP-040280</a>  | Vodafone           |             |     |     |
| 1429 | 33021     | FS on Security for early IMS                              | Rel-6   | S3             | No      | SEC-IMS          | 01/10/2004 | 28/03/2005 | 100%       |                      | <a href="#">SP-040691</a>  | Vodafone           |             |     |     |
| 1430 | 13024     | Reorganisation of CS Data Specification                   | Rel-6   | N3             | No      | CS Data          | 19/11/2004 | 08/12/2004 | 100%       |                      | <a href="#">NP_040563</a>  | Siemens            |             |     |     |
| 1431 | 50553     | Generic Access to A/Gb Interface (GAAI)                   | Rel-6   | GP             | No      | GAAI             | 25/06/2004 | 20/01/2006 | 100%       |                      | <a href="#">GP-042247</a>  | Motorola           |             |     |     |
| 1432 | 50544     | FS on GAAI  | Rel-6   | GP             | No      | GAAG             | 25/06/2004 | 27/08/2004 | 100%       | 43.901               | <a href="#">GP-041592</a>  | Motorola           |             |     |     |
| 1433 | 50554     | GAAI - Stage 2  | Rel-6   | GP             | No      | GAAI-Stage2      | 27/08/2004 | 08/04/2005 | 100%       | 43.318               |                            | Ericsson           |             |     |     |
| 1434 | 50555     | GAAI - Stage 3  | Rel-6   | GP             | No      | GAAI-Stage3      | 27/08/2004 | 08/04/2005 | 100%       | 44.318               |                            |                    |             |     |     |
| 1435 | 50556     | MS Conformance Test for GAAI                              | Rel-6   | GP             | No      | GAAI-CT          | 27/08/2004 | 20/01/2006 | 100%       |                      |                            |                    |             |     |     |
| 1436 | 50559     | Support of PS Handover for GERAN A/Gb                     | Rel-6   | GP,G2          | No      | SPSHAGB          | 03/11/2003 | 24/08/2005 | 100%       |                      | <a href="#">GP-051160</a>  | Ericsson           |             |     |     |
| 1437 | 50560     | Stage 2   | Rel-6   | GP,G2          | No      | SPSHAGB-Stage2   | 03/11/2003 | 24/08/2005 | 100%       | 43.129               | <a href="#">GP-051161</a>  | Ericsson           |             |     |     |
| 1438 | 50561     | PS handover   | Rel-6   | GP,G2          | No      | SPSHAGB-PSHO     | 03/11/2003 | 24/08/2005 | 100%       |                      | <a href="#">GP-051162</a>  | Ericsson           |             |     |     |
| 1439 | 50562     | Definition of radio resource management functionality     | Rel-6   | GP,G2          | No      | SPSHAGB-RRM      | 03/11/2003 | 24/08/2005 | 100%       |                      | <a href="#">GP-051163</a>  | Ericsson           |             |     |     |
| 1440 | 60111     | Small Technical Enhancements and Improvements for I       | Rel-6   | All            | No      | TEI6             | 02/06/2006 | 06/05/2008 | 100%       |                      |                            |                    |             |     |     |
| 1441 | 25019     | Small Technical Enhancements and Improvements for I       | Rel-6   | R5             | Yes     | TEI6_Test        | 02/06/2006 | 06/05/2008 | 100%       | 34.108,34.121-1/2,3  | <a href="#">Work Items</a> |                    |             |     |     |
| 1442 | 31029     | Deleted - Study of Feature Interactions Requirements      | Rel-6   | S1             | No      | FINTER           | 01/10/2004 | 01/10/2004 | 100%       |                      | <a href="#">SP-020578</a>  |                    |             |     |     |
| 1443 | 50563     | Deleted (moved to Rel7) - Enhancements of VGCS in public  | Rel-6   | GP,G2          | No      | EVGCS            | 24/08/2005 | 02/09/2005 | 100%       | 44.018, 44.068, 48.0 | <a href="#">GP-041837</a>  | Siemens            |             |     |     |
| 1444 | 50500     | Deleted - Support of Conversational Services in A/Gb mode | Rel-6   | GP             | No      | SCSAGB           | 21/11/2003 | 19/02/2004 | 100%       |                      | <a href="#">GP-030443</a>  | Ericsson           |             |     |     |
| 1445 | 50501     | Delete - Creation of a TR                                 | Rel-6   | GP             | No      | SCSAGB-TR        | 21/11/2003 | 21/11/2003 | 100%       |                      | <a href="#">GP-030444</a>  | Ericsson           |             |     |     |
| 1446 | 50502     | Delete - Stage 2  | Rel-6   | GP             | No      | SCSAGB-Stage2    | 21/11/2003 | 21/11/2003 | 100%       |                      | <a href="#">GP-030445</a>  | Ericsson           |             |     |     |
| 1447 | 50503     | Delete - Radio Channel Support                            | Rel-6   | GP             | No      | SCSAGB-RCS       | 21/11/2003 | 21/11/2003 | 100%       |                      | <a href="#">GP-030446</a>  | Ericsson           |             |     |     |
| 1448 | 50504     | Delete - Definition of radio resource management functi   | Rel-6   | GP,G2          | No      | SCSAGB-RRM       | 21/11/2003 | 21/11/2003 | 100%       |                      | <a href="#">GP-030447</a>  | Ericsson           |             |     |     |
| 1449 | 50505     | Delete, replaced by 50561 - PS Handover                   | Rel-6   | P,GP,N1        | No      | SCSAGB-PSH       | 21/11/2003 | 19/02/2004 | 100%       |                      | <a href="#">GP-030448</a>  | Ericsson           |             |     |     |
| 1450 | 50506     | Delete - Modifications to FLO                             | Rel-6   | GP,G2          | No      | SCSAGB-FLO       | 21/11/2003 | 21/11/2003 | 100%       |                      | <a href="#">GP-030449</a>  | Ericsson           |             |     |     |
| 1451 | 2         | Deleted - Rel-6 Evolutions of the transport in the UTRAN  | Rel-6   | RP             | No      | ETRAN            | 31/12/2003 | 31/12/2003 | 100%       |                      | <a href="#">Work Items</a> | Alcatel            |             |     |     |
| 1452 | 0         | Release 5 Features  | Rel-5   | P,SP,TP        | No      |                  | 03/01/2000 | 03/01/2000 | 0%         |                      |                            |                    |             |     |     |



| ID   | Jnique_IC | Name   | Release | Resource Names | Modifie | Acronym             | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                 | WI rapporteur name | Qtr 1, 2009 |     |     |
|------|-----------|--|---------|----------------|---------|---------------------|------------|------------|------------|----------------------|---------------------------|--------------------|-------------|-----|-----|
|      |           |  |         |                |         |                     |            |            |            |                      |                           |                    | Nov         | Jan | Mar |
| 1453 | 625       | <b>IP transport in the UTRAN</b>                           | Rel-5   | R3             | No      | ETRAN-IPtrans       | 17/07/2000 | 29/03/2002 | 100%       |                      | <a href="#">RAN Wis</a>   | Alcatel            |             |     |     |
| 1454 | 2455      | <b>FS on Usage of SUA</b>                                  | Rel-5   | N4             | No      | SS7IP               | 12/03/2001 | 21/12/2001 | 100%       |                      | <a href="#">NP-010460</a> |                    |             |     |     |
| 1455 | 2476      | <b>High Speed Downlink Packet Access</b>                   | Rel-5   | R2             | No      | HSDPA               | 02/04/2001 | 06/06/2003 | 100%       |                      | <a href="#">RAN Wis</a>   | Motorola           |             |     |     |
| 1456 | 2477      | Physical Layer   |         | R1             | No      | HSDPA-Phys          | 05/04/2001 | 29/03/2002 | 100%       |                      | <a href="#">RP-010262</a> | Motorola           |             |     |     |
| 1457 | 2478      | Layer 2 and 3 aspects                                      |         | R2             | No      | HSDPA-L23           | 05/04/2001 | 29/03/2002 | 100%       |                      | <a href="#">RAN Wis</a>   | Motorola           |             |     |     |
| 1458 | 2479      | lub/lur protocol aspects                                   |         | R3             | No      | HSDPA-lublr         | 02/04/2001 | 29/03/2002 | 100%       |                      | <a href="#">RP-010262</a> | Motorola           |             |     |     |
| 1459 | 2480      | RF Radio Transmission/ Reception, System Performan         |         | R4             | No      | HSDPA-RF            | 09/04/2001 | 06/06/2003 | 100%       |                      | <a href="#">RP-010262</a> | Motorola           |             |     |     |
| 1460 | 501216    | <b>Rel-5 Improvements of Radio Interface</b>               | NA      | RP             | No      | RInImp              | 14/08/2000 | 30/08/2002 | 100%       |                      | <a href="#">RAN Wis</a>   |                    |             |     |     |
| 1461 | 1471      | <b>Base station classification</b>                         | Rel-5   | R4             | No      | RInImp-BSCClass     | 14/08/2000 | 14/06/2002 | 100%       |                      | <a href="#">RAN Wis</a>   | Nokia              |             |     |     |
| 1462 | 1477      | TDD Base station classification                            |         | R4             | No      | RInImp-BSCClass-TDC | 14/08/2000 | 08/03/2002 | 100%       |                      | <a href="#">RAN Wis</a>   | Nokia              |             |     |     |
| 1463 | 24002     | Base Station Classification for 1.28 Mcps TDD opti         |         | R4             | No      | RInImp-BSCClass-LCF | 15/06/2001 | 14/06/2002 | 100%       |                      |                           | Siemens            |             |     |     |
| 1464 | 2469      | Enhancement on the DSCH hard split mode                    | Rel-5   | R1             | No      | RInImp-DSCHhsp      | 16/03/2001 | 29/03/2002 | 100%       |                      |                           | Samsung            |             |     |     |
| 1465 | 1217      | Hybrid ARQ II/III  | Rel-5   | R2             | No      | RInImp-HARQ         | 21/08/2000 | 28/12/2001 | 100%       |                      | <a href="#">RAN Wis</a>   | Siemens            |             |     |     |
| 1466 | 1221      | FS on USTS   | Rel-5   | R1             | No      | RInImp-USTS         | 14/08/2000 | 21/12/2001 | 100%       |                      | <a href="#">RAN Sis</a>   | SK Telecom         |             |     |     |
| 1467 | 1997      | FS on UE antenna efficiency test method performance r      | Rel-5   | R4             | No      | RInImp-UEAnTM       | 25/09/2000 | 14/09/2001 | 100%       |                      | <a href="#">RAN Sis</a>   | Allgon             |             |     |     |
| 1468 | 2494      | FS on the re-introduction of the downlink SIR measuren     | Rel-5   | R4             | No      | RInImp-SIR          | 12/03/2001 | 14/12/2001 | 100%       |                      |                           | Ericsson           |             |     |     |
| 1469 | 2493      | FS on mitigating the effect of CPICH interference at the   | Rel-5   | R4             | No      | RInImp-CPICH_Intf   | 19/03/2001 | 08/03/2002 | 100%       |                      |                           | Intel              |             |     |     |
| 1470 | 1839      | <i>Deleted - Conformance Test Spec. improvements in Ra</i> |         | T1             | No      |                     | 18/02/2002 | 30/08/2002 | 100%       |                      |                           |                    |             |     |     |
| 1471 | 2210      | <i>Deleted - Testing improvement of inter-frequency ε</i>  | Rel-5   | T1             | No      |                     | 18/02/2002 | 30/08/2002 | 100%       |                      |                           |                    |             |     |     |
| 1472 | 2211      | <i>Deleted - Testing Hybrid ARQ II/III</i>                 | Rel-5   | T1             | No      |                     | 18/02/2002 | 30/08/2002 | 100%       |                      |                           |                    |             |     |     |
| 1473 | 500009    | <b>Rel-5 RAN improvements</b>                              | NA      | RP             | No      | RANimp              | 16/03/2001 | 01/03/2004 | 100%       |                      | <a href="#">RAN Wis</a>   |                    |             |     |     |
| 1474 | 656       | <b>RRM optimization for lur and lub</b>                    | Rel-5   | R3             | No      | RANimp-RRMopt       | 16/03/2001 | 04/06/2002 | 100%       |                      | <a href="#">RAN Wis</a>   | Ericsson           |             |     |     |
| 1475 | 23000     | lur common transport channel efficiency optimisati         |         | R3             | No      | RANimp-RRMopt-ctc   | 16/03/2001 | 29/03/2002 | 100%       |                      |                           | Ericsson           |             |     |     |
| 1476 | 23001     | lur neighbouring cell reporting efficiency optimisati      |         | R3             | No      | RANimp-RRMopt-ncr   | 16/03/2001 | 29/03/2002 | 100%       |                      |                           | Ericsson           |             |     |     |
| 1477 | 23002     | FS Introduction of direct transport bearers between        |         | R3             | No      | RAN-imp-RRMopt-D1   | 15/06/2001 | 04/06/2002 | 100%       |                      |                           | Ericsson           |             |     |     |
| 1478 | 2488      | RL Timing Adjustment                                       | Rel-5   | R3             | No      | RANimp-RLTA         | 16/03/2001 | 29/03/2002 | 100%       |                      |                           | Ericsson           |             |     |     |
| 1479 | 2489      | Separation of resource reservation and radio link activa   | Rel-5   | R3             | No      | RANimp-SepRR        | 16/03/2001 | 29/03/2002 | 100%       |                      |                           | Ericsson           |             |     |     |
| 1480 | 23003     | FS SRNS Relocation Procedure Enhancement                   | Rel-5   | R3             | No      | RANimp-SRNS         | 15/06/2001 | 03/09/2002 | 100%       |                      |                           | Nokia              |             |     |     |
| 1481 | 2490      | FS Improvement of Radio Resource Management across         | Rel-5   | R3             | No      | RANimp-ImpRRM       | 16/03/2001 | 21/12/2001 | 100%       |                      |                           | Nokia              |             |     |     |
| 1482 | 2491      | Re-arrangements of lub transport bearers                   | Rel-5   | R3             | No      | RANimp-TTPS         | 16/03/2001 | 29/03/2002 | 100%       |                      |                           | Nokia              |             |     |     |
| 1483 | 22000     | RAB support enhancement for Rel-5                          | Rel-5   | R2             | No      | RANimp-RABSE5       | 02/04/2001 | 28/06/2002 | 100%       |                      | <a href="#">RAN Wis</a>   | Nokia              |             |     |     |
| 1484 | 21001     | Beamforming requirements for UE                            | Rel-5   | R1             | No      | RANimp-BFR-UE       | 21/09/2001 | 14/12/2001 | 100%       |                      |                           | Nokia              |             |     |     |
| 1485 | 21002     | Support of Site Selection Diversity Transmission in UTR    | Rel-5   | R1             | No      | RANimp-SSDT         | 14/12/2001 | 04/06/2002 | 100%       |                      |                           | NEC                |             |     |     |
| 1486 | 2472      | Node B Synchronisation for 1.28 Mcps TDD                   | Rel-5   | R1             | No      | RANimp-NBSLCR       | 16/03/2001 | 29/03/2002 | 100%       |                      |                           | CATT               |             |     |     |
| 1487 | 2102      | <i>Deleted - Conformance Test Aspects - RAN Improvem</i>   | Rel-5   | T1             | No      |                     | 01/01/2002 | 01/03/2004 | 100%       | 0%                   |                           |                    |             |     |     |
| 1488 | 2222      | <i>Deleted - Testing Radio access bearer support eni</i>   |         | T1             | No      |                     | 01/01/2002 | 02/09/2002 | 100%       |                      |                           |                    |             |     |     |
| 1489 | 41010     | <i>Deleted - General changes to TS34.121 and TS34</i>      | Rel-5   | T1             | No      | RANimp-test         | 03/03/2003 | 01/03/2004 | 100%       | 34.108, 34.121, 34.  |                           |                    |             |     |     |
| 1490 | 23004     | <b>UTRAN Sharing in Connected Mode</b>                     | Rel-5   | R3             | No      | NETSHARE            | 03/12/2001 | 03/09/2002 | 100%       |                      |                           | Ericsson           |             |     |     |
| 1491 | 1273      | <b>Provisioning of IP-based multimedia ser</b>             | Rel-5   | S1,S2,S5       | No      | IMS                 | 03/01/2000 | 03/03/2004 | 100%       |                      | <a href="#">SP-000216</a> | Openwave           |             |     |     |
| 1492 | 1274      | <b>Call control and roaming to support IMS in UMTS</b>     | Rel-5   | S2             | No      | IMS-CCR             | 03/01/2000 | 14/06/2002 | 100%       |                      | <a href="#">SP-010339</a> | Lucent             |             |     |     |
| 1493 | 1633      | Stage 1  |         | S1             | No      |                     | 21/02/2000 | 15/12/2000 | 100%       | 22.228               |                           | Motorola           |             |     |     |
| 1494 | 1514      | Stage 2 (Architecture and Main flows)                      |         | S2             | No      |                     | 14/04/2000 | 23/03/2001 | 100%       | 23.228               | <a href="#">SP-000289</a> | Lucent             |             |     |     |
| 1495 | 1296      | Impact on MM/CC/SM   |         | N1             | No      | IMS-CCR-IWMM        | 28/08/2000 | 08/03/2002 | 100%       |                      | <a href="#">NP-010434</a> | Lucent             |             |     |     |
| 1496 | 2233      | <b>SIP Call Control protocol for the IMS</b>               |         | N1             | No      |                     | 03/01/2000 | 14/06/2002 | 100%       | 24.228, 24.229, 23.  | <a href="#">NP-010643</a> | Lucent             |             |     |     |

| ID   | Jnique_IC    | Name   | Release      | Resource Names | Modified  | Acronym          | Start             | Finish            | % Complete  | Impacted TSs and TRs  | Hyperlink                 | WI rapporteur name    | Qtr 1, 2009 |     |     |
|------|--------------|--|--------------|----------------|-----------|------------------|-------------------|-------------------|-------------|-----------------------|---------------------------|-----------------------|-------------|-----|-----|
|      |              |  |              |                |           |                  |                   |                   |             |                       |                           |                       | Nov         | Jan | Mar |
| 1497 | 1998         | IMS signalling flows                                     |              | N1             | No        |                  | 02/10/2000        | 22/03/2002        | 100%        | 24.228                |                           |                       |             |     |     |
| 1498 | 1278         | IMS stage 3  |              | N1             | No        |                  | 02/10/2000        | 22/03/2002        | 100%        | 24.229                |                           |                       |             |     |     |
| 1499 | 2255         | IMS Session Handling; stage 2                            |              | N1             | No        |                  | 02/10/2000        | 22/03/2002        | 100%        | 23.218                |                           |                       |             |     |     |
| 1500 | <b>10004</b> | <b>Main IETF dependencies</b>                            |              | <b>NP</b>      | <b>No</b> |                  | <b>03/01/2000</b> | <b>07/06/2002</b> | <b>100%</b> |                       |                           |                       |             |     |     |
| 1501 | 2521         | IETF: RFC 3261 (Session Initiation Proto                 |              | N1             | No        |                  | 24/11/2000        | 22/03/2002        | 100%        |                       |                           |                       |             |     |     |
| 1502 | 2523         | IETF: RFC 3262 (Reliability of provisiona                |              | N1             | No        |                  | 24/11/2000        | 22/03/2002        | 100%        |                       |                           |                       |             |     |     |
| 1503 | 2522         | IETF: RFC 3312 (Without COMET)(Integ                     |              | N1             | No        |                  | 24/11/2000        | 13/05/2002        | 100%        |                       |                           |                       |             |     |     |
| 1504 | 2524         | IETF: RFC 3323 (SIP extensions for call                  |              | N1             | No        |                  | 24/11/2000        | 13/05/2002        | 100%        |                       |                           |                       |             |     |     |
| 1505 | 2525         | IETF: RFC 3313 (SIP extensions for mec                   |              | N1             | No        |                  | 24/11/2000        | 13/05/2002        | 100%        |                       |                           |                       |             |     |     |
| 1506 | 11000        | IETF: RFC 3265 (specific event notificati                |              | N1             | No        |                  | 24/11/2000        | 22/03/2002        | 100%        |                       |                           |                       |             |     |     |
| 1507 | 11001        | IETF: RFC editor Queue (refer method)                    |              | N1             | No        |                  | 24/11/2000        | 07/06/2002        | 100%        |                       |                           |                       |             |     |     |
| 1508 | 11002        | IETF: RFC editor Queue (DHCP options                     |              | N1             | No        |                  | 24/11/2000        | 13/05/2002        | 100%        |                       |                           |                       |             |     |     |
| 1509 | 11004        | IETF: RFC 3267 (AMR and AMR WB RT                        |              | N1             | No        |                  | 24/11/2000        | 22/03/2002        | 100%        |                       |                           |                       |             |     |     |
| 1510 | 11005        | IETF: RFC 3266 (IPv6 support within SD                   |              | N1             | No        |                  | 03/01/2000        | 22/03/2002        | 100%        |                       |                           |                       |             |     |     |
| 1511 | 11022        | IETF: RFC 3311 (The Update method)                       |              | N1             | No        |                  | 24/11/2000        | 13/05/2002        | 100%        |                       |                           |                       |             |     |     |
| 1512 | 11023        | IETF: RFC 3324 (Network Asserted Iden                    |              | N1             | No        |                  | 24/11/2000        | 13/05/2002        | 100%        |                       |                           |                       |             |     |     |
| 1513 | 11024        | IETF: RFC editor Queue (Various 3GPP                     |              | N1             | No        |                  | 24/11/2000        | 13/05/2002        | 100%        |                       |                           |                       |             |     |     |
| 1514 | <b>1290</b>  | <b>Addressing</b>  |              | <b>S2</b>      | <b>No</b> |                  | <b>09/10/2000</b> | <b>22/03/2002</b> | <b>100%</b> |                       |                           |                       |             |     |     |
| 1515 | 1291         | Architectural issues                                     |              | S2             | No        |                  | 09/10/2000        | 31/08/2001        | 100%        |                       |                           |                       |             |     |     |
| 1516 | 1292         | Impact on HSS  |              | N4             | No        |                  | 15/11/2000        | 22/03/2002        | 100%        |                       |                           |                       |             |     |     |
| 1517 | <b>2530</b>  | <b>Service Examples (Work stopped)</b>                   |              | <b>S1</b>      | <b>No</b> | <b>IMS-Sex</b>   | <b>17/04/2001</b> | <b>14/06/2002</b> | <b>100%</b> | <b>22.928</b>         |                           | <b>Motorola</b>       |             |     |     |
| 1518 | 2531         | IMS Framework Report (work stopped)                      |              | S1             | No        | IMS-FrWk         | 17/04/2001        | 14/06/2002        | 100%        | 22.941                |                           | SBC                   |             |     |     |
| 1519 | <b>1298</b>  | <b>Access Security for IMS</b>                           | <b>Rel-5</b> | <b>S3</b>      | <b>No</b> | <b>IMS-ASEC</b>  | <b>08/10/2001</b> | <b>28/06/2002</b> | <b>100%</b> |                       | <a href="#">SP-010323</a> | <b>Ericsson</b>       |             |     |     |
| 1520 | 43000        | IMS impacts on UICC (ISIM application)                   |              | T3             | No        |                  | 08/10/2001        | 21/06/2002        | 100%        |                       | <a href="#">TP-010251</a> | Vodafone              |             |     |     |
| 1521 | 11014        | SIP extensions for Integrity protection                  |              | N1             | No        |                  | 17/12/2001        | 28/06/2002        | 100%        |                       |                           |                       |             |     |     |
| 1522 | 2574         | Security Aspects of Requirement for Network Configura    | Rel-5        | S3             | No        | SEC1-NCI         | 02/07/2001        | 28/12/2001        | 100%        |                       | <a href="#">SP-010324</a> | AT&T Wireless         |             |     |     |
| 1523 | 1299         | Lawful interception                                      | Rel-5        | S3             | No        | IMS-LI           | 04/09/2000        | 29/03/2002        | 100%        |                       | <a href="#">SP-010621</a> | Reg TP                |             |     |     |
| 1524 | 35007        | Charging and OAM&P for IMS                               | Rel-5        | S5             | No        | IMS-OAM          | 25/12/2000        | 12/06/2002        | 100%        | 32-series             | <a href="#">SP-010461</a> | iceStream, Motorola   |             |     |     |
| 1525 | <b>2036</b>  | <b>Multimedia codecs and protocols for conversations</b> | <b>Rel-5</b> | <b>S4</b>      | <b>No</b> | <b>IMS-CODEC</b> | <b>26/07/2000</b> | <b>27/09/2002</b> | <b>100%</b> | <b>26.235, 26.236</b> | <a href="#">SP-000398</a> | <b>Toshiba, Nokia</b> |             |     |     |
| 1526 | 2039         | Codecs   |              | S4             | No        |                  | 26/07/2000        | 14/03/2002        | 100%        | 26.235, 26.236        | <a href="#">SP-000398</a> |                       |             |     |     |
| 1527 | 34020        | Transport protocols                                      | Rel-5        | S4             | No        | IMS-CODEC        | 12/03/2002        | 12/03/2002        | 100%        | 26.236                |                           | Nokia                 |             |     |     |
| 1528 | 34006        | recommendation for QoS parameter values for var          |              | S4             | No        |                  | 31/12/2001        | 27/09/2002        | 100%        |                       |                           |                       |             |     |     |
| 1529 | 11025        | IETF: RFC 3310 (HTTP Digest Authentication usin          |              | N1             | No        |                  | 24/11/2000        | 13/05/2002        | 100%        |                       |                           |                       |             |     |     |
| 1530 | 11026        | IETF: RFC 3329 (Security mechanism agreement i           |              | N1             | No        |                  | 24/11/2000        | 13/05/2002        | 100%        |                       |                           |                       |             |     |     |
| 1531 | <b>32003</b> | <b>SIP message compression</b>                           | <b>Rel-5</b> | <b>S2</b>      | <b>No</b> |                  | <b>24/09/2001</b> | <b>07/06/2002</b> | <b>100%</b> |                       |                           |                       |             |     |     |
| 1532 | 32004        | Stage 2  |              | S2             | No        |                  | 24/09/2001        | 26/10/2001        | 100%        |                       |                           |                       |             |     |     |
| 1533 | 11015        | Compression signalling                                   |              | N1             | No        |                  | 28/09/2001        | 07/06/2002        | 100%        |                       |                           |                       |             |     |     |
| 1534 | <b>10001</b> | <b>Stage 3 description of IMS interfaces</b>             | <b>Rel-5</b> | <b>NP</b>      | <b>No</b> |                  | <b>14/03/2001</b> | <b>30/08/2002</b> | <b>100%</b> |                       |                           |                       |             |     |     |
| 1535 | 1286         | Cx interface (HSS to CSCF)                               |              | N4             | No        |                  | 14/03/2001        | 07/06/2002        | 100%        |                       | <a href="#">NP-010626</a> |                       |             |     |     |
| 1536 | 14997        | Mp interface (MRFC - MRFP) enhancements                  |              | N4             | No        |                  | 14/03/2001        | 08/03/2002        | 100%        |                       |                           |                       |             |     |     |
| 1537 | 11016        | Mw interface (CSCF to P-CSCF)                            |              | N1             | No        |                  | 14/03/2001        | 07/06/2002        | 100%        |                       |                           |                       |             |     |     |
| 1538 | 11018        | Mr interface (CSCF to MRF)                               |              | N1             | No        |                  | 14/03/2001        | 29/03/2002        | 100%        |                       |                           |                       |             |     |     |
| 1539 | 14003        | Dx interface (I-CSCF to SLF)                             |              | N4             | No        |                  | 14/03/2001        | 07/06/2002        | 100%        |                       |                           |                       |             |     |     |
| 1540 | 13001        | Go interface (GGSN to PCF)                               |              | N3             | No        |                  | 14/03/2001        | 07/06/2002        | 100%        |                       |                           |                       |             |     |     |

| ID   | Jnique_IC | Name   | Release | Resource Names | Modifie | Acronym   | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                 | WI rapporteur name | Qtr 1, 2009 |     |     |
|------|-----------|--|---------|----------------|---------|-----------|------------|------------|------------|----------------------|---------------------------|--------------------|-------------|-----|-----|
|      |           |  |         |                |         |           |            |            |            |                      |                           |                    | Nov         | Jan | Mar |
| 1541 | 11019     | ISC (IMS Service Control) Interface                      |         | N1             | No      |           | 14/03/2001 | 07/06/2002 | 100%       |                      |                           |                    |             |     |     |
| 1542 | 14006     | Sh interface (HSS to AS)                                 |         | N4             | No      |           | 14/02/2002 | 07/06/2002 | 100%       |                      |                           |                    |             |     |     |
| 1543 | 14998     | Si interface (HSS to IM-SSF)                             |         | N4             | No      |           | 16/01/2002 | 30/08/2002 | 100%       |                      |                           |                    |             |     |     |
| 1544 | 11020     | Gm interface (UE to CSCF)                                |         | N1             | No      |           | 14/03/2001 | 07/06/2002 | 100%       |                      |                           |                    |             |     |     |
| 1545 | 11027     | Mi interface (CSCF to BGCF)                              |         | N1             | No      |           | 14/03/2001 | 07/06/2002 | 100%       |                      |                           |                    |             |     |     |
| 1546 | 11028     | Mj interface (BGCF to MGCF)                              |         | N1             | No      |           | 14/03/2001 | 07/06/2002 | 100%       |                      |                           |                    |             |     |     |
| 1547 | 11029     | Mk interface (BGCF to BGCF)                              |         | N1             | No      |           | 14/03/2001 | 07/06/2002 | 100%       |                      |                           |                    |             |     |     |
| 1548 | 1310      | Support of VHE/OSA by entities and protocols of the IM   | Rel-5   | N5             | No      | IMS-ONOSA | 21/09/2001 | 07/06/2002 | 100%       | 29.198, 29.998       | <a href="#">NP-010692</a> | Ericsson           |             |     |     |
| 1549 | 12000     | <b>CAMEL control of IMS services</b>                     | Rel-5   | N2             | No      | IMS-CAMEL | 16/04/2001 | 06/09/2002 | 100%       |                      | <a href="#">NP-020305</a> | Lucent             |             |     |     |
| 1550 | 12001     | Stage2 work 'general'                                    |         | N2             | No      |           | 16/04/2001 | 06/09/2002 | 100%       |                      |                           |                    |             |     |     |
| 1551 | 12002     | Stage3 work 'CAP'  |         | N2             | No      |           | 07/01/2002 | 06/09/2002 | 100%       |                      |                           |                    |             |     |     |
| 1552 | 12003     | Stage2 work 'Si interface'                               |         | N2             | No      |           | 07/01/2002 | 06/09/2002 | 100%       |                      |                           |                    |             |     |     |
| 1553 | 12004     | Stage3 work 'Si interface'                               |         | N4             | No      |           | 14/02/2002 | 07/06/2002 | 100%       |                      |                           |                    |             |     |     |
| 1554 | 14004     | <i>Deleted - SDM issues for CAMEL control of IMS</i>     |         | N4             | No      |           | 14/02/2002 | 07/06/2002 | 100%       |                      |                           |                    |             |     |     |
| 1555 | 31002     | Pre-pay/real-time charging in IMS                        | Rel-5   | S1             | No      |           | 15/06/2001 | 15/03/2002 | 100%       |                      |                           |                    |             |     |     |
| 1556 | 35005     | <b>Charging</b>  | Rel-5   | S2,S5          | No      | OAM-CH    | 06/08/2001 | 12/09/2002 | 100%       | 32.2xy               | <a href="#">SP-010631</a> | T-Mobile           |             |     |     |
| 1557 | 32006     | Charging Implications of IMS architecture                | Rel-5   | S2             | No      |           | 06/08/2001 | 16/11/2001 | 100%       |                      | <a href="#">SP-010519</a> |                    |             |     |     |
| 1558 | 35006     | Charging management for IMS (off-line & on-line)         | Rel-5   | S5             | No      | OAM-CH    | 19/11/2001 | 12/09/2002 | 100%       |                      |                           |                    |             |     |     |
| 1559 | 34012     | Billing, accounting and call detail record aspects       | Rel-5   | S5             | No      |           | 27/09/2001 | 12/09/2002 | 100%       | 32.2xy               | <a href="#">SP-010631</a> | T-Mobile           |             |     |     |
| 1560 | 10002     | <b>Other IETF dependencies</b>                           | Rel-5   | NP             | No      |           | 24/11/2000 | 07/06/2002 | 100%       |                      |                           |                    |             |     |     |
| 1561 | 11011     | IETF: draft-ietf-aaa-diameter - should be CN4            |         | NP             | No      |           | 24/11/2000 | 07/06/2002 | 100%       |                      |                           |                    |             |     |     |
| 1562 | 11999     | IETF: draft-johansson-aaa-diameter-mm-app - sho          |         | NP             | No      |           | 24/11/2000 | 07/06/2002 | 100%       |                      |                           |                    |             |     |     |
| 1563 | 1844      | Conformance Test Aspects - Provisioning of IMS           |         | T1             | No      | IMS-TEST  | 18/03/2002 | 27/12/2002 | 100%       |                      |                           |                    |             |     |     |
| 1564 | 41004     | Testing of support for IMS - prose                       | Rel-5   | T1             | No      |           | 18/09/2002 | 30/09/2003 | 100%       | 34.108, 34.123       | <a href="#">TP-030052</a> | Anritsu            |             |     |     |
| 1565 | 41005     | Testing of support for IMS - TTCN                        | Rel-5   | T1             | No      |           | 18/09/2002 | 03/03/2004 | 100%       | 34.108, 34.123       | <a href="#">TP-030052</a> | Anritsu            |             |     |     |
| 1566 | 34001     | <b>Extended Transparent End-to-End PS St</b>             | Rel-5   | S4             | No      | PSS-E     | 03/01/2002 | 17/03/2003 | 100%       | 26.233, 26.234       | <a href="#">SP-010392</a> | Ericsson           |             |     |     |
| 1567 | 34002     | <b>Stage 1</b>   |         | S1             | No      |           | 18/11/2002 | 17/03/2003 | 100%       | 22.233               | <a href="#">SP-010392</a> | Vodafone           |             |     |     |
| 1568 | 31032     | Interaction with other services                          |         | S1             | No      |           | 18/11/2002 | 17/03/2003 | 100%       | 22.233               |                           | Vodafone           |             |     |     |
| 1569 | 34003     | Stage 2 (version Rel5 of TS 26.234)                      |         | S4             | No      |           | 03/01/2002 | 14/03/2002 | 100%       | 26.234               | <a href="#">SP-010392</a> |                    |             |     |     |
| 1570 | 34019     | RTP usage model  |         | S4             | No      |           | 03/01/2002 | 06/12/2002 | 100%       | 26.937               |                           |                    |             |     |     |
| 1571 | 501637    | <b>Rel-5 OSA enhancements</b>                            | Rel-5   | S1             | No      | OSA1      | 27/04/1999 | 20/12/2002 | 100%       | 22.127, 23.127, 29.1 | <a href="#">SP-000216</a> | Siemens            |             |     |     |
| 1572 | 32010     | General Stage 2 for Rel5                                 | Rel-5   | S2             | No      |           | 11/09/2001 | 07/06/2002 | 100%       |                      |                           |                    |             |     |     |
| 1573 | 1429      | <b>OSA APIs for Multimedia Call Control</b>              | Rel-5   | S2             | No      | OSA1-CSCF | 11/07/2000 | 07/06/2002 | 100%       |                      |                           |                    |             |     |     |
| 1574 | 1430      | Stage 1  |         | S1             | No      |           | 11/07/2000 | 14/03/2002 | 100%       | 22.127               |                           | Siemens            |             |     |     |
| 1575 | 15002     | (Multimedia) Call Control - Stages 2 and 3               |         | N5             | No      |           | 11/09/2001 | 07/06/2002 | 100%       | 29.198-04            |                           |                    |             |     |     |
| 1576 | 15003     | Generic user interaction - Stage 3                       | Rel-5   | N5             | No      |           | 11/09/2001 | 07/06/2002 | 100%       | 29.198-05            |                           |                    |             |     |     |
| 1577 | 15004     | Charging - Stage 3                                       | Rel-5   | N5             | No      |           | 11/09/2001 | 07/06/2002 | 100%       | 29.198-12            |                           |                    |             |     |     |
| 1578 | 15007     | Call Control Service Mapping; Multiparty Call Control SI | Rel-5   | N5             | No      |           | 11/09/2001 | 07/06/2002 | 100%       | 29.998-04-4          |                           |                    |             |     |     |
| 1579 | 15999     | WSDL APIs for SOAP/HTTP - Stage 3                        | Rel-5   | N5             | No      |           | 11/09/2000 | 07/06/2002 | 100%       | 29.198, 29.998       |                           |                    |             |     |     |
| 1580 | 1419      | <b>OSA security</b>                                      | Rel-5   | S3             | No      | OSA1-SEC  | 11/07/2000 | 20/12/2002 | 100%       |                      | <a href="#">SP-000302</a> | BT                 |             |     |     |
| 1581 | 2121      | Stage 1  |         | S1             | No      |           | 11/07/2000 | 09/11/2001 | 100%       | 22.127               |                           | Siemens            |             |     |     |
| 1582 | 1421      | Stage 3  |         | S3             | No      |           | 23/10/2000 | 14/06/2002 | 100%       | ???                  |                           |                    |             |     |     |
| 1583 | 1422      | security related SCF(s) definition                       |         | N5             | No      |           | 21/09/2001 | 07/06/2002 | 100%       | 29.198, 29.998       | <a href="#">NP-010692</a> | Ericsson           |             |     |     |
| 1584 | 1423      | (possibly) changes required from supporting platfo       |         | S3             | No      |           | 11/09/2000 | 14/12/2000 | 100%       | ???                  |                           |                    |             |     |     |

| ID   | Jnique_IC     | Name  | Release      | Resource Names | Modifie   | Acronym          | Start             | Finish            | % Complete  | Impacted TSs and TRs | Hyperlink                 | WI rapporteur name | Qtr 1, 2009 |     |     |
|------|---------------|---|--------------|----------------|-----------|------------------|-------------------|-------------------|-------------|----------------------|---------------------------|--------------------|-------------|-----|-----|
|      |               |   |              |                |           |                  |                   |                   |             |                      |                           |                    | Nov         | Jan | Mar |
| 1585 | 15017         | Security (moved from Rel-6)                             |              | S3             | No        |                  | 14/03/2002        | 20/12/2002        | 100%        |                      |                           |                    |             |     |     |
| 1586 | <b>401424</b> | <b>Interactions OSA - e-commerce</b>                    | <b>Rel-5</b> | <b>S2</b>      | <b>No</b> | <b>OSA1-ECOM</b> | <b>27/04/1999</b> | <b>07/06/2002</b> | <b>100%</b> |                      |                           |                    |             |     |     |
| 1587 | 1425          | Stage 1   |              | S1             | No        |                  | 27/04/1999        | 28/12/2000        | 100%        | 22.127               |                           | Siemens            |             |     |     |
| 1588 | 1529          | Stages 2 and 3  |              | N5             | No        |                  | 21/09/2001        | 07/06/2002        | 100%        | 29.198, 29.998       | <a href="#">NP-010692</a> | Ericsson           |             |     |     |
| 1589 | 15005         | Policy Management - Stage 3                             | Rel-5        | N5             | No        |                  | 11/09/2001        | 07/06/2002        | 100%        | 29.198-13            |                           |                    |             |     |     |
| 1590 | 15006         | Presence and Availability Management (PAM) - Stage 3    | Rel-5        | N5             | No        |                  | 11/09/2001        | 07/06/2002        | 100%        | 29.198-14            |                           |                    |             |     |     |
| 1591 | <b>1786</b>   | <b>CHECK STATUS - LCS - OSA interfaces</b>              | <b>Rel-5</b> | <b>S1</b>      | <b>No</b> | <b>OSA1-LCSI</b> | <b>11/09/2000</b> | <b>07/06/2002</b> | <b>100%</b> |                      |                           | <b>Siemens</b>     |             |     |     |
| 1592 | 1787          | Stage 1   |              | S1             | No        |                  | 11/09/2000        | 08/12/2000        | 100%        | 22.127               |                           | Siemens            |             |     |     |
| 1593 | 2124          | Stage 2   |              | S2             | No        |                  | 11/12/2000        | 11/12/2000        | 100%        | 23.127               |                           | Ericsson           |             |     |     |
| 1594 | 1788          | Stage 3   |              | N5             | No        |                  | 21/09/2001        | 07/06/2002        | 100%        | 29.198, 29.998       | <a href="#">NP-010692</a> | Ericsson           |             |     |     |
| 1595 | 2540          | Access to User Profile                                  | Rel-5        | S1             | No        | OSA2-UP          | 01/06/2001        | 20/12/2001        | 100%        |                      |                           |                    |             |     |     |
| 1596 | <b>1433</b>   | <b>Retrieval of Terminal capabilities</b>               | <b>Rel-5</b> | <b>S2</b>      | <b>No</b> | <b>OSA2-TC</b>   | <b>11/07/2000</b> | <b>13/12/2002</b> | <b>100%</b> |                      |                           |                    |             |     |     |
| 1597 | 1434          | Stage 1   | Rel-5        | S1             | No        |                  | 11/07/2000        | 10/01/2001        | 100%        | 22.127               |                           | Siemens            |             |     |     |
| 1598 | 1436          | Stages 2 and 3  | Rel-5        | N5             | No        |                  | 21/09/2001        | 13/12/2002        | 100%        | 29.198, 29.998       | <a href="#">NP-010692</a> | Ericsson           |             |     |     |
| 1599 | 2122          | Provisioning of the terminal capabilities               | Rel-5        | T2             | No        |                  | 02/04/2001        | 13/12/2002        | 100%        | 23.057               |                           |                    |             |     |     |
| 1600 | <b>1638</b>   | <b>CAMEL phase 4</b>                                    | <b>Rel-5</b> | <b>S1</b>      | <b>No</b> | <b>CAMEL4</b>    | <b>17/04/2000</b> | <b>06/09/2002</b> | <b>100%</b> |                      | <a href="#">NP-020486</a> | <b>Nokia</b>       |             |     |     |
| 1601 | 1461          | Service requirements                                    |              | S1             | No        |                  | 17/04/2000        | 14/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1602 | 2012          | Call Party Handling                                     |              | N2             | No        | CAMEL4-CPH       | 10/07/2000        | 07/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1603 | 2013          | Mid call procedure for MO and MT calls                  |              | N2             | No        | CAMEL4-MCP       | 17/07/2000        | 07/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1604 | 2014          | Interactions with Optimal Routing                       |              | N2             | No        | CAMEL4-IOR       | 17/07/2000        | 08/03/2002        | 100%        |                      |                           |                    |             |     |     |
| 1605 | 2015          | Inclusion of flexible tone injection                    |              | N2             | No        | CAMEL4-IFTI      | 17/07/2000        | 08/03/2002        | 100%        |                      |                           |                    |             |     |     |
| 1606 | 2016          | CSE control over MT SMS                                 |              | N2             | No        | CAMEL4-CCSMS     | 17/07/2000        | 08/03/2002        | 100%        |                      |                           |                    |             |     |     |
| 1607 | 2460          | Notification of GPRS mobility management to CSE         |              | N2             | No        | CAMEL4-NMM       | 02/03/2001        | 07/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1608 | 2458          | Provision of location information of called subscriber  |              | N2             | No        | CAMEL4-LOCB      | 02/03/2001        | 08/03/2002        | 100%        |                      |                           |                    |             |     |     |
| 1609 | 2514          | Inclusion of ODB data in the CSE_HLR interface          |              | N2             | No        | CAMEL4-ODB       | 09/07/2001        | 08/03/2002        | 100%        |                      |                           |                    |             |     |     |
| 1610 | 2515          | Location information during an ongoing call (Handover I |              | N2             | No        | CAMEL4-HODP      | 14/05/2001        | 07/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1611 | 2516          | GPRS Any Time Interrogation                             |              | N2             | No        | CAMEL4-ATI       | 09/07/2001        | 07/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1612 | 2599          | Transfer of IMEI (with SW version) to CSE               |              | N2             | No        | CAMEL4-ATI       | 09/07/2001        | 07/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1613 | 12005         | Handling of partial implementations of CAMEL4           |              | N2             | No        | CAMEL4-SUB       | 08/03/2002        | 06/09/2002        | 100%        |                      |                           |                    |             |     |     |
| 1614 | <b>2464</b>   | <b>Rel-5 MExE enhancements</b>                          | <b>Rel-5</b> | <b>T2</b>      | <b>No</b> | <b>MEXE5</b>     | <b>26/03/2001</b> | <b>08/03/2002</b> | <b>100%</b> |                      |                           |                    |             |     |     |
| 1615 | 2466          | MExE Rel-5 Improvements and Investigations              |              | T2             | No        | MEXE5-ENHANC     | 26/03/2001        | 08/03/2002        | 100%        | 22.057, 23.057       | <a href="#">TP-010071</a> | Motorola           |             |     |     |
| 1616 | <b>1625</b>   | <b>Wideband Telephony Service - AMR</b>                 | <b>Rel-5</b> | <b>S4</b>      | <b>No</b> | <b>AMRWB</b>     | <b>01/01/2000</b> | <b>19/12/2003</b> | <b>100%</b> |                      | <a href="#">SP-99354</a>  | <b>Siemens</b>     |             |     |     |
| 1617 | <b>62</b>     | <b>Specification</b>                                    | <b>Rel-5</b> | <b>S4</b>      | <b>No</b> |                  | <b>01/01/2000</b> | <b>07/06/2002</b> | <b>100%</b> |                      |                           |                    |             |     |     |
| 1618 | 31005         | Stage 1   | Rel-5        | S1             | No        |                  | 01/10/2001        | 22/03/2002        | 100%        |                      |                           |                    |             |     |     |
| 1619 | <b>32007</b>  | <b>Stage 2</b>  | <b>Rel-5</b> | <b>S4</b>      | <b>No</b> |                  | <b>03/01/2000</b> | <b>17/04/2000</b> | <b>100%</b> |                      |                           |                    |             |     |     |
| 1620 | 1459          | Design Constraints                                      | Rel-5        | S4             | No        |                  | 03/01/2000        | 07/02/2000        | 100%        |                      |                           |                    |             |     |     |
| 1621 | 1460          | General Description                                     | Rel-5        | S4             | No        |                  | 07/02/2000        | 17/04/2000        | 100%        |                      |                           |                    |             |     |     |
| 1622 | 1626          | Feasibility Study                                       | Rel-5        | S4             | No        |                  | 28/04/2000        | 02/06/2000        | 100%        | 26.901               | <a href="#">SP-000024</a> |                    |             |     |     |
| 1623 | 1656          | N1 Aspects  | Rel-5        | N1             | No        |                  | 21/09/2001        | 21/12/2001        | 100%        |                      |                           |                    |             |     |     |
| 1624 | 14005         | N4 work   | Rel-5        | N4             | No        |                  | 13/02/2002        | 07/06/2002        | 100%        |                      | <a href="#">N4-010538</a> |                    |             |     |     |
| 1625 | 67            | <b>Codec issues</b>                                     | Rel-5        | S4             | No        |                  | 03/01/2000        | 07/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1626 | 1627          | Codec qualification                                     | Rel-5        | S4             | No        |                  | 02/02/2000        | 31/05/2000        | 100%        |                      |                           |                    |             |     |     |
| 1627 | 74            | Codec selection tests                                   | Rel-5        | S4             | No        |                  | 01/06/2000        | 20/10/2000        | 100%        |                      |                           |                    |             |     |     |
| 1628 | 891           | Codec selection   | Rel-5        | S4             | No        |                  | 23/10/2000        | 27/10/2000        | 100%        |                      |                           |                    |             |     |     |

| ID   | Jnique_IC | Name  | Release | Resource Names | Modifie | Acronym    | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                  | WI rapporteur name    | Qtr 1, 2009 |     |     |
|------|-----------|---|---------|----------------|---------|------------|------------|------------|------------|----------------------|----------------------------|-----------------------|-------------|-----|-----|
|      |           |   |         |                |         |            |            |            |            |                      |                            |                       | Nov         | Jan | Mar |
| 1629 | 34007     | TFO AMR-WB  | Rel-5   | S4             | No      | AMRWB-TFO  | 18/12/2001 | 14/03/2002 | 100%       |                      |                            |                       |             |     |     |
| 1630 | 890       | Other codec issues (verif., caracterisation)        | Rel-5   | S4             | No      |            | 29/09/2000 | 07/06/2002 | 100%       | 26.976               |                            |                       |             |     |     |
| 1631 | 34008     | AMR-WB and narrowband interworking                  | Rel-5   | S4             | No      | AMRWB-IWG  | 27/09/2001 | 14/03/2002 | 100%       |                      |                            |                       |             |     |     |
| 1632 | 34009     | Interworking with fixed broadband networks          | Rel-5   | S4             | No      |            | 27/09/2001 | 14/03/2002 | 100%       |                      |                            |                       |             |     |     |
| 1633 | 34010     | Tones and announcements                             | Rel-5   | S4             | No      |            | 27/09/2001 | 14/03/2002 | 100%       |                      |                            |                       |             |     |     |
| 1634 | 34011     | Deleted - WB Conferencing and WB Voice Gr           | Rel-5   | S1             | No      |            | 03/01/2000 | 03/01/2000 | 100%       |                      |                            |                       |             |     |     |
| 1635 | 1855      | Conformance tests (CRs to 34 series)                | Rel-5   | T1             | No      |            | 01/01/2000 | 12/04/2000 | 100%       |                      |                            |                       |             |     |     |
| 1636 | 76        | Terminal Acoustic Characteristics                   | Rel-5   | S4             | No      |            | 01/01/2000 | 12/04/2000 | 100%       |                      |                            |                       |             |     |     |
| 1637 | 1628      | Definition  | Rel-5   | S4             | No      |            | 01/01/2000 | 31/01/2000 | 100%       | 26.131               |                            |                       |             |     |     |
| 1638 | 1629      | Test specification                                  | Rel-5   | S4             | No      |            | 01/02/2000 | 12/04/2000 | 100%       | 26.132               |                            |                       |             |     |     |
| 1639 | 34004     | Floating-point ANSI-C code for the AMR-WB speech cc | Rel-5   | S4             | No      | AMRWB-FP   | 25/09/2001 | 14/03/2002 | 100%       | 26.204               | <a href="#">SP-010459</a>  | Nokia                 |             |     |     |
| 1640 | 80        | Support of AMR-WB in GERAN: GMSK and 8PSK W         | Rel-5   | GP             | No      | GAMRWB     | 03/01/2000 | 28/06/2002 | 100%       |                      | <a href="#">GP-000453</a>  |                       |             |     |     |
| 1641 | 50298     | Channel coding in 45.003                            | Rel-5   | GP             | No      |            | 03/01/2000 | 05/04/2002 | 100%       |                      |                            |                       |             |     |     |
| 1642 | 2266      | Signalling for the A interface                      | Rel-5   | GP             | No      |            | 03/01/2000 | 29/06/2001 | 100%       |                      |                            |                       |             |     |     |
| 1643 | 2267      | Signalling for lu                                   | Rel-5   | GP             | No      |            | 03/01/2000 | 28/06/2002 | 100%       |                      |                            |                       |             |     |     |
| 1644 | 2268      | Receiver performance in TS 45.005                   | Rel-5   | GP             | No      |            | 02/04/2001 | 28/06/2002 | 100%       |                      |                            |                       |             |     |     |
| 1645 | 50000     | Link Adaptation in 45.009                           | Rel-5   | GP             | No      |            | 26/03/2001 | 28/06/2002 | 100%       |                      |                            |                       |             |     |     |
| 1646 | 2269      | GERAN MS conformance test for AMR-WB                | Rel-5   | GP             | No      |            | 03/01/2000 | 19/12/2003 | 100%       |                      | <a href="#">GP-000454</a>  |                       |             |     |     |
| 1647 | 2270      | Deleted - MS test                                   | Rel-5   | GP             | No      |            | 03/01/2000 | 19/12/2003 | 100%       |                      |                            |                       |             |     |     |
| 1648 | 2271      | GERAN BTS conformance test for AMR-WB               | Rel-5   | GP             | No      |            | 03/01/2000 | 02/12/2002 | 100%       |                      | <a href="#">GP-000455</a>  |                       |             |     |     |
| 1649 | 2272      | BTS test  | Rel-5   | GP             | No      |            | 03/01/2000 | 02/12/2002 | 100%       |                      |                            |                       |             |     |     |
| 1650 | 1826      | Terminal interfaces                                 | Rel-5   | T2             | No      | TI         | 14/05/2001 | 20/03/2002 | 100%       |                      | <a href="#">not needed</a> |                       |             |     |     |
| 1651 | 2573      | Terminal local model enhancements                   | Rel-5   | T2             | No      | TLM5       | 14/05/2001 | 20/03/2002 | 100%       | 23.227               | <a href="#">TP-010224</a>  |                       |             |     |     |
| 1652 | 1536      | Rel-5 Location Services enhancements                | Rel-5   | S2,S5          | No      | LCS1       | 03/04/2000 | 27/06/2003 | 100%       |                      | <a href="#">SP-010518</a>  | Nokia                 |             |     |     |
| 1653 | 1600      | UE positioning                                      | NA      | RP             | No      | LCS1-UEpos | 15/01/2001 | 29/03/2002 | 100%       |                      | <a href="#">RAN_Wis</a>    |                       |             |     |     |
| 1654 | 2474      | UE positioning enhancements for 1.28 Mcps TDD       | Rel-5   | R2             | No      | LCS-128Pos | 09/04/2001 | 29/03/2002 | 100%       |                      | <a href="#">RAN_Wis</a>    | CATT                  |             |     |     |
| 1655 | 2125      | Open SMLC-SRNC Interface within the UTRAN to        | Rel-5   | R2             | No      | LCS-INTF   | 15/01/2001 | 12/10/2001 | 100%       |                      | <a href="#">RAN_Wis</a>    | Qualcomm              |             |     |     |
| 1656 | 1171      | Event based and Periodic LCS                        | Rel-5   | S1             | No      | LCS1-EBP   | 22/05/2000 | 07/06/2002 | 100%       |                      |                            |                       |             |     |     |
| 1657 | 1641      | Stage 1   |         | S1             | No      |            | 22/05/2000 | 17/11/2000 | 100%       | 22.071               |                            | Pacific Bell Wireless |             |     |     |
| 1658 | 1538      | Stage 2 specification                               |         | S2             | No      |            | 06/11/2000 | 26/01/2001 | 100%       |                      |                            |                       |             |     |     |
| 1659 | 1179      | Impact on MAP                                       |         | N4             | No      |            | 15/03/2002 | 07/06/2002 | 100%       |                      |                            |                       |             |     |     |
| 1660 | 2436      | Location Services for GERAN in A/Gb Mode            | Rel-5   | GP             | No      | LCS-GERAN  | 03/04/2000 | 08/02/2002 | 100%       |                      | <a href="#">GP-011925</a>  |                       |             |     |     |
| 1661 | 2437      | GERAN LCS Stage 2 (first release)                   |         | 32,G1,G2       | No      |            | 03/04/2000 | 08/02/2002 | 100%       |                      |                            |                       |             |     |     |
| 1662 | 2438      | Gb interface support for LCS                        |         | GP             | No      |            | 03/04/2000 | 31/08/2001 | 100%       |                      |                            |                       |             |     |     |
| 1663 | 2440      | L3 protocol support for LCS                         |         | GP             | No      |            | 03/04/2000 | 01/06/2001 | 100%       |                      |                            |                       |             |     |     |
| 1664 | 2441      | Stage 3 specifications                              |         | GP             | No      |            | 03/04/2000 | 01/06/2001 | 100%       |                      |                            |                       |             |     |     |
| 1665 | 2442      | Location Services for GERAN in lu Mode              | Rel-5   | GP             | No      |            | 03/04/2000 | 28/06/2002 | 100%       |                      | <a href="#">GP-011926</a>  |                       |             |     |     |
| 1666 | 2443      | GERAN LCS Stage 2                                   |         | 32,G1,G2       | No      |            | 03/04/2000 | 28/06/2002 | 100%       |                      |                            |                       |             |     |     |
| 1667 | 2444      | lu-ps interface support for LCS                     |         | 32,G1,G2       | No      |            | 03/04/2000 | 28/06/2002 | 100%       |                      |                            |                       |             |     |     |
| 1668 | 2445      | lu-cs interface support for LCS                     |         | 32,G1,G2       | No      |            | 03/04/2000 | 28/06/2002 | 100%       |                      |                            |                       |             |     |     |
| 1669 | 2446      | lur-g interface support for LCS                     |         | 32,G1,G2       | No      |            | 23/01/2002 | 19/04/2002 | 100%       |                      |                            |                       |             |     |     |
| 1670 | 2447      | RRC protocol support for LCS                        |         | 32,G1,G2       | No      |            | 20/08/2001 | 30/11/2001 | 100%       |                      |                            |                       |             |     |     |
| 1671 | 2448      | Additional impacts on Broadcast of LCS data on p    |         | 32,G1,G2       | No      |            | 20/08/2001 | 05/12/2001 | 100%       |                      |                            |                       |             |     |     |
| 1672 | 2449      | Stage 3 specifications                              |         | 32,G1,G2       | No      |            | 25/03/2002 | 28/06/2002 | 100%       |                      |                            |                       |             |     |     |



| ID   | Jnique_IC | Name  | Release | Resource Names | Modified | Acronym          | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                 | WI rapporteur name  | Qtr 1, 2009 |     |     |
|------|-----------|---|---------|----------------|----------|------------------|------------|------------|------------|----------------------|---------------------------|---------------------|-------------|-----|-----|
|      |           |   |         |                |          |                  |            |            |            |                      |                           |                     | Nov         | Jan | Mar |
| 1673 | 50068     | GERAN MS Conformance test for LCS                         |         | GP             | No       | LCS-GERAN-MScon  | 03/06/2002 | 27/06/2003 | 100%       |                      | <a href="#">GP-000458</a> |                     |             |     |     |
| 1674 | 55069     | Develop LCS MS test case work plan (Release 98)           |         | G4,G5          | No       |                  | 03/06/2002 | 27/06/2003 | 100%       |                      |                           |                     |             |     |     |
| 1675 | 55070     | Develop LCS MS test cases                                 |         | G4,G5          | No       |                  | 03/06/2002 | 27/06/2003 | 100%       |                      |                           |                     |             |     |     |
| 1676 | 50069     | Deleted - GERAN BTS Conformance test for LCS              |         | GP             | No       | LCS-GERAN-BTScon | 03/06/2002 | 27/06/2003 | 100%       |                      | <a href="#">GP-000459</a> |                     |             |     |     |
| 1677 | 55071     | Deleted - Develop LCS BTS test case work plan (f          |         | G4,G5          | No       |                  | 03/06/2002 | 27/06/2003 | 100%       |                      |                           |                     |             |     |     |
| 1678 | 55072     | Deleted - Develop LCS BTS test cases                      |         | G4,G5          | No       |                  | 03/06/2002 | 27/06/2003 | 100%       |                      |                           |                     |             |     |     |
| 1679 | 544       | LCS interoperation stage 2 aspects                        |         | S2             | No       |                  | 28/08/2000 | 28/06/2002 | 100%       |                      |                           |                     |             |     |     |
| 1680 | 2434      | LCS interoperability aspects to GERAN                     | Rel-5   | GP,S5          | No       | LCS-GERAN        | 28/08/2000 | 28/06/2002 | 100%       |                      | <a href="#">GP-000456</a> |                     |             |     |     |
| 1681 | 2435      | Co-ordinated development of GSM LCS Phase 2 a             | Rel-5   | G3,G2,G1       | No       | LCS-GERAN        | 28/08/2000 | 28/06/2002 | 100%       |                      |                           |                     |             |     |     |
| 1682 | 1183      | FS on LCS support in the IMS                              |         | S1             | No       |                  | 12/02/2001 | 18/01/2002 | 100%       |                      |                           |                     |             |     |     |
| 1683 | 35008     | Charging and OAM&P for LCS enhancements                   | Rel-5   | S5             | No       | LCS1-OAM         | 21/09/2001 | 28/06/2002 | 100%       | 32-series            | <a href="#">SP-010461</a> | iceStream, Motorola |             |     |     |
| 1684 | 521       | New security aspects of LCS (not identified)              | Rel-5   | S3             | No       | LCS1-SEC         | 14/04/2000 | 28/12/2001 | 100%       |                      | <a href="#">SP-000421</a> | Nokia               |             |     |     |
| 1685 | 32011     | Specification for the Le Interface                        | Rel-5   | S2             | No       | LCS1-Le          | 14/01/2002 | 15/03/2002 | 100%       |                      | <a href="#">SP-020180</a> |                     |             |     |     |
| 1686 | 32022     | Deleted - CHECK STATUS - Inter-GMLC interface             |         | S2             | No       |                  | 30/05/2002 | 30/12/2002 | 100%       |                      |                           |                     |             |     |     |
| 1687 | 501571    | Rel-5 Security enhancements                               | Rel-5   | S3             | No       | SEC1             | 21/02/2000 | 28/06/2002 | 100%       |                      | <a href="#">SP-000421</a> | Vodafone            |             |     |     |
| 1688 | 1576      | Network domain security                                   | Rel-5   | S3             | No       | SEC1-NDS         | 21/02/2000 | 28/06/2002 | 100%       |                      | <a href="#">SP-000420</a> | Telenor             |             |     |     |
| 1689 | 1577      | Deleted -Control plane protection in core network (       |         | S3             | No       |                  | 12/05/2000 | 07/06/2002 | 100%       |                      |                           |                     |             |     |     |
| 1690 | 1578      | Deleted - Main aspects                                    |         | S3             | No       |                  | 12/05/2000 | 21/06/2001 | 100%       |                      |                           |                     |             |     |     |
| 1691 | 1579      | Deleted -Integration of GTP signalling security           |         | N4             | No       |                  | 14/09/2001 | 07/06/2002 | 100%       |                      |                           |                     |             |     |     |
| 1692 | 1580      | Deleted -User plane protection in core network (e.g       |         | S3             | No       |                  | 21/02/2000 | 28/06/2002 | 100%       |                      |                           |                     |             |     |     |
| 1693 | 1581      | Deleted -Main aspects                                     |         | S3             | No       |                  | 21/02/2000 | 21/06/2001 | 100%       |                      |                           |                     |             |     |     |
| 1694 | 1582      | Deleted -Integration of GTP signalling security           |         | N4             | No       |                  | 14/09/2001 | 28/06/2002 | 100%       |                      |                           |                     |             |     |     |
| 1695 | 2576      | IP network layer security (NDS/IP)                        |         | S3             | No       | SEC1-NDS-IP      | 15/06/2000 | 15/03/2002 | 100%       | 33.210               | <a href="#">SP-010326</a> | Telenor             |             |     |     |
| 1696 | 2243      | Intra Domain Connection of RAN Nodes                      | Rel-5   | S2             | No       | IUFLEX           | 02/10/2000 | 28/06/2002 | 100%       | 23.236               | <a href="#">SP-000619</a> | Ericsson            |             |     |     |
| 1697 | 2244      | Overall System Architecture                               |         | S2             | No       |                  | 03/01/2001 | 21/09/2001 | 100%       |                      |                           |                     |             |     |     |
| 1698 | 20000     | Stage 3: RAN node selecting CN node                       |         | R3             | No       |                  | 24/09/2001 | 22/03/2002 | 100%       |                      |                           | Vodafone            |             |     |     |
| 1699 | 2248      | N1 work   |         | N1             | No       |                  | 17/09/2001 | 28/06/2002 | 100%       | 24.008 and check 2!  | <a href="#">NP-010693</a> |                     |             |     |     |
| 1700 | 2249      | N4 work   |         | N4             | No       |                  | 02/10/2000 | 08/03/2002 | 100%       |                      | <a href="#">NP-000737</a> |                     |             |     |     |
| 1701 | 50067     | GERAN work for Intra Domain Connection of RAN N           | Rel-5   | GP             | No       | IDCRAN-GERAN     | 08/02/2002 | 28/06/2002 | 100%       |                      | <a href="#">GP-020492</a> | Ericsson            |             |     |     |
| 1702 | 51068     | Stage 2 (changes to )                                     |         | G1             | No       |                  | 08/02/2002 | 28/06/2002 | 100%       |                      |                           |                     |             |     |     |
| 1703 | 51069     | 43.051 Introduction of support for IDNNS in GERA          |         | G1             | No       |                  | 08/02/2002 | 28/06/2002 | 100%       |                      |                           |                     |             |     |     |
| 1704 | 52070     | Stage 3 (changes to )                                     |         | G2             | No       |                  | 08/02/2002 | 28/06/2002 | 100%       |                      |                           |                     |             |     |     |
| 1705 | 52077     | 48.016 Use of Gb interface concepts when a netw           |         | G2             | No       |                  | 08/02/2002 | 28/06/2002 | 100%       |                      |                           |                     |             |     |     |
| 1706 | 52078     | 48.018 Include MSC/VLR identity in CS IMSI pagin          |         | G2             | No       |                  | 08/02/2002 | 28/06/2002 | 100%       |                      |                           |                     |             |     |     |
| 1707 | 2320      | Deleted - GERAN improvements 3 (new transport layer on ir | Rel-5   | GP             | No       | GEIMP3           | 06/04/2001 | 20/12/2002 | 100%       |                      | <a href="#">GP-010909</a> |                     |             |     |     |
| 1708 | 2321      | Deleted - Evolution of the transport for A                |         | GP             | No       | GEIMP3-EtA       | 06/04/2001 | 20/12/2002 | 100%       |                      | <a href="#">GP-010910</a> |                     |             |     |     |
| 1709 | 2322      | Deleted - Definition of a new A/Ater interface Trans      |         | GP             | No       |                  | 06/04/2001 | 20/12/2002 | 100%       |                      |                           |                     |             |     |     |
| 1710 | 2323      | Deleted - Adaptation of the Layer 3 BSSMAP proc           |         | GP             | No       |                  | 06/04/2001 | 20/12/2002 | 100%       |                      |                           |                     |             |     |     |
| 1711 | 501142    | Rel-5 Charging and OAM&P                                  | Rel-5   | S5             | No       | OAM              | 10/09/2001 | 12/09/2002 | 100%       | 32-series            | <a href="#">SP-010461</a> | iceStream, Motorola |             |     |     |
| 1712 | 35002     | Rel5 Principles, high level Requirements and Architect    | Rel-5   | S5             | No       | OAM-AR/PR        | 17/09/2001 | 28/06/2002 | 100%       | 32.101, 32.102       | <a href="#">SP-010461</a> | Motorola            |             |     |     |
| 1713 | 35003     | Rel5 Performance Management                               | Rel-5   | S5             | No       | OAM-PM           | 17/09/2001 | 12/09/2002 | 100%       | 32.4xy, 52.402       | <a href="#">SP-010631</a> | Nortel              |             |     |     |
| 1714 | 35004     | Rel5 Charging Management                                  | Rel-5   | S5             | No       | OAM-CH           | 10/09/2001 | 12/09/2002 | 100%       | 32.2xy               | <a href="#">SP-010631</a> | T-Mobile            |             |     |     |
| 1715 | 35001     | Rel5 Network Infrastructure Management                    | Rel-5   | S5             | No       | OAM-NIM          | 21/09/2001 | 12/09/2002 | 100%       | 32.6xy, 32.3xy       | <a href="#">SP-010461</a> | Ericsson            |             |     |     |
| 1716 | 2392      | GERAN enhancements for streaming ser                      | Rel-5   | GP             | No       |                  | 06/11/2000 | 28/06/2002 | 100%       |                      | <a href="#">GP-010429</a> |                     |             |     |     |

| ID   | Jnique_IC    | Name   | Release      | Resource Names | Modifie   | Acronym              | Start             | Finish            | % Complete  | Impacted TSs and TRs | Hyperlink                 | WI rapporteur name  | Qtr 1, 2009 |     |     |
|------|--------------|--|--------------|----------------|-----------|----------------------|-------------------|-------------------|-------------|----------------------|---------------------------|---------------------|-------------|-----|-----|
|      |              |  |              |                |           |                      |                   |                   |             |                      |                           |                     | Nov         | Jan | Mar |
| 1717 | 2394         | Concept  |              | GP             | No        |                      | 06/11/2000        | 31/10/2001        | 100%        |                      |                           |                     |             |     |     |
| 1718 | 2395         | RLC protocol enhancement (SDU Discard)                   |              | GP             | No        |                      | 06/11/2000        | 28/06/2002        | 100%        |                      |                           |                     |             |     |     |
| 1719 | <b>2396</b>  | <b>GERAN enhancements for streaming ser</b>              | <b>Rel-5</b> | <b>GP</b>      | <b>No</b> |                      | <b>06/11/2000</b> | <b>28/06/2002</b> | <b>100%</b> |                      | <a href="#">GP-010430</a> | <b>Ericsson</b>     |             |     |     |
| 1720 | 2398         | Usage of ECSD Concept                                    |              | GP             | No        |                      | 06/11/2000        | 19/04/2002        | 100%        |                      |                           |                     |             |     |     |
| 1721 | 2399         | Stage 2  |              | GP             | No        |                      | 06/11/2000        | 19/04/2002        | 100%        |                      |                           |                     |             |     |     |
| 1722 | 2400         | Stage 3  |              | GP             | No        |                      | 06/11/2000        | 28/06/2002        | 100%        |                      |                           |                     |             |     |     |
| 1723 | 2401         | RLC PDU formats  |              | GP             | No        |                      | 06/11/2000        | 28/06/2002        | 100%        |                      |                           |                     |             |     |     |
| 1724 | 2402         | MAC header   |              | GP             | No        |                      | 06/11/2000        | 28/06/2002        | 100%        |                      |                           |                     |             |     |     |
| 1725 | <b>2412</b>  | <b>GERAN/UTRAN interface evolution 1 (ev</b>             | <b>Rel-5</b> | <b>GP,R3</b>   | <b>No</b> | <b>GERUEV1</b>       | <b>01/09/2000</b> | <b>28/06/2002</b> | <b>100%</b> |                      | <a href="#">GP-010481</a> | <b>SBC</b>          |             |     |     |
| 1726 | <b>2413</b>  | <b>Evolution of lu ps</b>                                |              | <b>GP,R3</b>   | <b>No</b> | <b>GERUEV1-luPS</b>  | <b>01/09/2000</b> | <b>28/06/2002</b> | <b>100%</b> |                      |                           |                     |             |     |     |
| 1727 | 2414         | Identification of GERAN requirements on lu ps            |              | GP,R3          | No        |                      | 01/09/2000        | 30/11/2001        | 100%        |                      |                           |                     |             |     |     |
| 1728 | 2415         | Update of specifications                                 |              | GP,R3          | No        |                      | 03/12/2001        | 28/06/2002        | 100%        |                      |                           |                     |             |     |     |
| 1729 | <b>2416</b>  | <b>GERAN/UTRAN interface evolution 2 (ev</b>             | <b>Rel-5</b> | <b>GP,R3</b>   | <b>No</b> | <b>GERUEV2</b>       | <b>01/09/2000</b> | <b>28/06/2002</b> | <b>100%</b> |                      | <a href="#">GP-010417</a> |                     |             |     |     |
| 1730 | <b>2417</b>  | <b>Evolution of lu cs</b>                                |              | <b>GP,R3</b>   | <b>No</b> | <b>GERUEV2-luCS</b>  | <b>01/09/2000</b> | <b>28/06/2002</b> | <b>100%</b> |                      | <a href="#">GP-000430</a> | <b>Lucent</b>       |             |     |     |
| 1731 | 2418         | Identification of GERAN requirements on lu cs            |              | GP,R3          | No        |                      | 01/09/2000        | 24/06/2002        | 100%        |                      |                           |                     |             |     |     |
| 1732 | 2419         | Update of specifications                                 |              | GP,R3          | No        |                      | 01/09/2000        | 28/06/2002        | 100%        |                      |                           |                     |             |     |     |
| 1733 | <b>2556</b>  | <b>End to End QoS for PS Domain including</b>            | <b>Rel-5</b> | <b>S2</b>      | <b>No</b> | <b>E2EQoS</b>        | <b>28/08/2000</b> | <b>28/06/2002</b> | <b>100%</b> |                      | <a href="#">SP-010343</a> | <b>Ericsson</b>     |             |     |     |
| 1734 | 2557         | E2E QoSConcept and Architecture                          |              | S2             | No        |                      | 03/01/2001        | 07/09/2001        | 100%        | 23.207               |                           |                     |             |     |     |
| 1735 | 2558         | E2E QoS interworking                                     |              | N3             | No        | E2EQoS-IW            | 28/08/2000        | 07/06/2002        | 100%        | 29.208, 29.207, 27.0 | <a href="#">NP-010528</a> | <b>Lucent</b>       |             |     |     |
| 1736 | 2559         | QoS Management (Provisioning and Monitoring)             | <b>Rel-5</b> | S5             | No        | E2EQoS-OAM           | 21/09/2001        | 28/06/2002        | 100%        | 32-series            | <a href="#">SP-010461</a> | iceStream, Motorola |             |     |     |
| 1737 | <b>2569</b>  | <b>Messaging enhancements Rel-5</b>                      | <b>Rel-5</b> | <b>T2</b>      | <b>No</b> | <b>MESS5</b>         | <b>15/06/2001</b> | <b>31/03/2003</b> | <b>100%</b> |                      |                           |                     |             |     |     |
| 1738 | <b>2571</b>  | <b>Multimedia Messaging (MMS) enhancements</b>           |              | <b>T2</b>      | <b>No</b> | <b>MESS5-MMS</b>     | <b>15/06/2001</b> | <b>31/03/2003</b> | <b>100%</b> |                      | <a href="#">TP-010130</a> | <b>Siemens</b>      |             |     |     |
| 1739 | 31000        | Definition of service requirements                       | <b>Rel-5</b> | S1             | No        | MESS5-SR             | 15/06/2001        | 15/03/2002        | 100%        | 22.140               |                           | <b>Siemens</b>      |             |     |     |
| 1740 | 42000        | Technical realization                                    |              | T2             | No        |                      | 15/06/2001        | 07/06/2002        | 100%        | 23.140               |                           | <b>Siemens</b>      |             |     |     |
| 1741 | 42008        | WAP Forum dependency: MM1 stage 3                        |              | T2             | No        |                      | 15/06/2001        | 31/03/2003        | 100%        |                      |                           |                     |             |     |     |
| 1742 | 34018        | MMS formats and codecs                                   |              | S4             | No        |                      | 03/12/2001        | 15/03/2002        | 100%        | 26.140               |                           |                     |             |     |     |
| 1743 | <b>2572</b>  | <b>Enhanced Messaging Service (EMS) enhancements</b>     |              | <b>T2</b>      | <b>No</b> | <b>MESS5-EMS</b>     | <b>15/06/2001</b> | <b>08/03/2002</b> | <b>100%</b> | <b>23.040</b>        | <a href="#">TP-010153</a> | <b>Ericsson</b>     |             |     |     |
| 1744 | 31001        | Definition of service requirements                       |              | S1             | No        |                      | 15/06/2001        | 14/09/2001        | 100%        |                      |                           | <b>Ericsson</b>     |             |     |     |
| 1745 | 42001        | Technical realization                                    |              | T2             | No        |                      | 15/06/2001        | 08/03/2002        | 100%        | 23.040               |                           | <b>Ericsson</b>     |             |     |     |
| 1746 | <b>50001</b> | <b>GERAN Inter BSC NACC improvements c</b>               | <b>Rel-5</b> | <b>GP</b>      | <b>No</b> | <b>GERNACC</b>       | <b>03/09/2001</b> | <b>28/06/2002</b> | <b>100%</b> |                      | <a href="#">GP-012313</a> |                     |             |     |     |
| 1747 | <b>14501</b> | <b>Modification of core network protocols for GERAN</b>  |              | <b>N4,S2</b>   | <b>No</b> | <b>GERNACC-Cnmod</b> | <b>03/09/2001</b> | <b>19/04/2002</b> | <b>100%</b> |                      | <a href="#">GP-011877</a> |                     |             |     |     |
| 1748 | 32502        | Stage 2 - Concept  |              | N4,S2          | No        |                      | 03/09/2001        | 31/10/2001        | 100%        |                      |                           |                     |             |     |     |
| 1749 | 14502        | Stage 2 - 23.060 change - Definition of Inter BSC        |              | N4,S2          | No        |                      | 03/09/2001        | 19/04/2002        | 100%        |                      |                           |                     |             |     |     |
| 1750 | 14503        | Stage 3 (changes to TS 29.060)                           |              | N4             | No        |                      | 03/09/2001        | 08/03/2002        | 100%        |                      |                           |                     |             |     |     |
| 1751 | <b>50002</b> | <b>Modification of Gb protocols for GERAN Inter BSC</b>  |              | <b>GP</b>      | <b>No</b> | <b>GERNACC-Gbmod</b> | <b>30/11/2001</b> | <b>28/06/2002</b> | <b>100%</b> |                      | <a href="#">GP-012314</a> |                     |             |     |     |
| 1752 | 50003        | Stage 3 (changes to TS 48.018)                           |              | GP             | No        |                      | 30/11/2001        | 28/06/2002        | 100%        |                      |                           |                     |             |     |     |
| 1753 | <b>50033</b> | <b>Enhanced Power Control</b>                            | <b>Rel-5</b> | <b>GP</b>      | <b>No</b> | <b>EPC</b>           | <b>26/11/2001</b> | <b>19/12/2003</b> | <b>100%</b> |                      | <a href="#">GP-012748</a> |                     |             |     |     |
| 1754 | 50034        | Realization of Enhanced power control and signaling su   |              | GP             | No        |                      | 26/11/2001        | 30/11/2001        | 100%        |                      | <a href="#">GP-012749</a> |                     |             |     |     |
| 1755 | 50035        | <i>Deleted - GERAN MS Conformance test for Enhanced</i>  |              | GP             | No        |                      | 10/12/2001        | 19/12/2003        | 100%        |                      | <a href="#">GP-012750</a> |                     |             |     |     |
| 1756 | 50036        | <i>Deleted - GERAN BTS Conformance test for Enhancec</i> |              | GP             | No        |                      | 10/12/2001        | 19/12/2003        | 100%        |                      | <a href="#">GP-012751</a> |                     |             |     |     |
| 1757 | <b>50037</b> | <b>8PSK AMR HR</b>                                       | <b>Rel-5</b> | <b>GP</b>      | <b>No</b> | <b>8PSK-AH</b>       | <b>10/12/2001</b> | <b>19/12/2003</b> | <b>100%</b> |                      | <a href="#">GP-012752</a> |                     |             |     |     |
| 1758 | <b>50038</b> | <b>Definition of channel coding, performance require</b> |              | <b>GP</b>      | <b>No</b> |                      | <b>10/12/2001</b> | <b>28/06/2002</b> | <b>100%</b> |                      | <a href="#">GP-012753</a> |                     |             |     |     |
| 1759 | 50061        | Concept  |              | GP             | No        |                      | 10/12/2001        | 28/06/2002        | 100%        |                      |                           |                     |             |     |     |
| 1760 | 52004        | Changes to 44.018  |              | G2             | No        |                      | 10/12/2001        | 28/06/2002        | 100%        |                      |                           |                     |             |     |     |

| ID   | Jnique_IC     | Name   | Release   | Resource Names | Modifie   | Acronym          | Start             | Finish            | % Complete  | Impacted TSs and TRs | Hyperlink                  | WI rapporteur name   | Qtr 1, 2009 |     |     |
|------|---------------|--|-----------|----------------|-----------|------------------|-------------------|-------------------|-------------|----------------------|----------------------------|----------------------|-------------|-----|-----|
|      |               |  |           |                |           |                  |                   |                   |             |                      |                            |                      | Nov         | Jan | Mar |
| 1761 | 51025         | Changes to 45.001  |           | G1             | No        |                  | 10/12/2001        | 28/06/2002        | 100%        |                      |                            |                      |             |     |     |
| 1762 | 51026         | Changes to 45.002  |           | G1             | No        |                  | 10/12/2001        | 28/06/2002        | 100%        |                      |                            |                      |             |     |     |
| 1763 | 51027         | Changes to 45.003  |           | G1             | No        |                  | 10/12/2001        | 28/06/2002        | 100%        |                      |                            |                      |             |     |     |
| 1764 | 51028         | Changes to 45.005  |           | G1             | No        |                  | 10/12/2001        | 28/06/2002        | 100%        |                      |                            |                      |             |     |     |
| 1765 | 52005         | Changes to 24.008  |           | G2             | No        |                  | 10/12/2001        | 28/06/2002        | 100%        |                      |                            |                      |             |     |     |
| 1766 | 52006         | Changes to 48.058  |           | G2             | No        |                  | 10/12/2001        | 28/06/2002        | 100%        |                      |                            |                      |             |     |     |
| 1767 | 50039         | GERAN MS Conformance test for 8PSK HR                            |           | GP             | No        |                  | 10/12/2001        | 19/12/2003        | 100%        |                      | <a href="#">GP-012754</a>  |                      |             |     |     |
| 1768 | 50040         | GERAN BTS Conformance test for 8PSK HR                           |           | GP             | No        |                  | 10/12/2001        | 20/12/2002        | 100%        |                      | <a href="#">GP-012755</a>  |                      |             |     |     |
| 1769 | 13000         | <b>Service Change and UDI Fallback</b>                           | Rel-5     | N3             | No        | SCUDIF           | 08/10/2001        | 07/06/2002        | 100%        | 29.007, 27.001, 24.0 | <a href="#">NP-020164</a>  | Ericsson             |             |     |     |
| 1770 | <b>501800</b> | <b>Rel-5 USIM toolkit enhancements</b>                           | Rel-5     | T3             | No        | USAT1            | <b>05/06/2000</b> | <b>26/09/2003</b> | <b>100%</b> |                      | <b>not needed</b>          |                      |             |     |     |
| 1771 | 43002         | <i>Deleted - Test specification for USIM toolkit security me</i> | Rel-5     | T3             | No        |                  | 28/05/2002        | 26/09/2003        | 100%        |                      | <a href="#">TP-020028</a>  | Gemplus              |             |     |     |
| 1772 | <b>1801</b>   | <b>Protocol Standardisation of a SIM Toolkit Interprete</b>      | Rel-5     | T3             | No        | USAT1-Interpr    | <b>05/06/2000</b> | <b>22/01/2003</b> | <b>100%</b> | <b>27.103</b>        | <a href="#">TP-000116</a>  | G & D                |             |     |     |
| 1773 | 2497          | Stage 1  |           | T3             | No        |                  | 05/06/2000        | 16/03/2001        | 100%        |                      |                            |                      |             |     |     |
| 1774 | 2496          | Stage 2 and 3  |           | T3             | No        |                  | 03/01/2001        | 08/03/2002        | 100%        |                      |                            |                      |             |     |     |
| 1775 | 2518          | Test specification   |           | T3             | No        |                  | 03/09/2001        | 22/01/2003        | 100%        |                      | <a href="#">TP-010111</a>  | Gemplus              |             |     |     |
| 1776 | <b>501802</b> | <b>(U)SIM API</b>  | <b>NA</b> | <b>T3</b>      | <b>No</b> | <b>USAT1-API</b> | <b>20/03/2002</b> | <b>20/09/2002</b> | <b>100%</b> |                      |                            |                      |             |     |     |
| 1777 | 5043001       | Java API Test specification                                      |           | T3             | No        |                  | 20/03/2002        | 20/09/2002        | 100%        |                      | <a href="#">TP-020029</a>  | Electrónica Española |             |     |     |
| 1778 | <b>30001</b>  | <b>small Technical Enhancements and Imp</b>                      | Rel-5     | All            | No        | TEI5             | <b>03/01/2000</b> | <b>31/12/2008</b> | <b>100%</b> |                      |                            |                      |             |     |     |
| 1779 | 25018         | Small Technical Enhancements and Improvements for I              | Rel-5     | R5             | Yes       | TEI5_Test        | 03/01/2000        | 31/12/2008        | 100%        | 34.108, 34.109, 34.  | <a href="#">Work Items</a> |                      |             |     |     |
| 1780 | 31013         | <i>Deleted - Technical Report on UE Functionality Split</i>      | Rel-5     | S1             | No        | UESPLIT          | 03/01/2000        | 01/05/2000        | 100%        |                      | <a href="#">SP-010484</a>  | Motorola             |             |     |     |
| 1781 | <b>2520</b>   | <b>User Equipment Management</b>                                 | Rel-5     | S5             | No        | UEM              | <b>21/06/2001</b> | <b>28/06/2002</b> | <b>100%</b> |                      | <a href="#">SP-010286</a>  | Vodafone             |             |     |     |
| 1782 | 35000         | FS on User Equipment (UE) Management                             | Rel-5     | S5             | No        | OAM-UEM          | 21/06/2001        | 28/06/2002        | 100%        | 32.802               | <a href="#">SP-010286</a>  | Vodafone             |             |     |     |
| 1783 | <b>50201</b>  | <b>Flow control supporting an MS with mul</b>                    | Rel-5     | GP             | No        | Flow Con         | <b>24/06/2002</b> | <b>30/08/2002</b> | <b>100%</b> |                      | <a href="#">GP-021767</a>  | Ericsson             |             |     |     |
| 1784 | <b>50202</b>  | <b>Update of stage 2 specifications</b>                          |           | GP             | No        |                  | <b>24/06/2002</b> | <b>30/08/2002</b> | <b>100%</b> |                      |                            |                      |             |     |     |
| 1785 | 32097         | Concept document 23.060 (changes to)                             |           | S2             | No        |                  | 28/06/2002        | 30/08/2002        | 100%        |                      |                            |                      |             |     |     |
| 1786 | 50203         | Flow Control   |           | GP             | No        |                  | 24/06/2002        | 28/06/2002        | 100%        |                      |                            |                      |             |     |     |
| 1787 | <b>50104</b>  | <b>Modification of BSSGP protocol</b>                            |           | GP             | No        |                  | <b>24/06/2002</b> | <b>28/06/2002</b> | <b>100%</b> |                      | <a href="#">GP-021508</a>  | Ericsson             |             |     |     |
| 1788 | 52095         | Stage 3 (changes to 48.018)                                      |           | G2             | No        |                  | 24/06/2002        | 28/06/2002        | 100%        |                      |                            |                      |             |     |     |
| 1789 | <b>50058</b>  | <b>Multiple TBF in A/Gb mode</b>                                 | Rel-5     | GP             | No        | MULTBF           | <b>19/04/2002</b> | <b>28/11/2003</b> | <b>100%</b> |                      | <a href="#">GP-021263</a>  | Ericsson             |             |     |     |
| 1790 | <b>50059</b>  | <b>Multiple TBF in A/Gb mode</b>                                 |           | GP             | No        | MULTBF-Agbmode   | <b>19/04/2002</b> | <b>22/08/2003</b> | <b>100%</b> |                      | <a href="#">GP-021263</a>  |                      |             |     |     |
| 1791 | 50060         | Multiple TBF Concept paper                                       |           | GP             | No        |                  | 19/04/2002        | 22/08/2003        | 100%        |                      |                            |                      |             |     |     |
| 1792 | 51001         | <i>Deleted - Multiple TBF Stage 2 (43.064) CRs</i>               |           | G1             | No        |                  | 19/04/2002        | 22/11/2002        | 100%        |                      |                            |                      |             |     |     |
| 1793 | 50062         | <i>Deleted - Multiple TBF Stage 3 (44.060) CRs</i>               |           | G2             | No        |                  | 19/04/2002        | 22/11/2002        | 100%        |                      |                            |                      |             |     |     |
| 1794 | 50206         | <i>Deleted - Multiple TBF in A/Gb mode – MS testing</i>          |           | GP             | No        |                  | 24/06/2002        | 28/11/2003        | 100%        |                      | <a href="#">GP-022098</a>  | Ericsson             |             |     |     |
| 1795 | 54101         | <i>Deleted - MS conformance tests</i>                            |           | G4             | No        |                  | 24/06/2002        | 28/11/2003        | 100%        |                      |                            |                      |             |     |     |
| 1796 | <b>2345</b>   | <b>Alignment of 3G functional split and lu</b>                   | Rel-5     | GP             | No        | GER3GAL          | <b>08/06/2000</b> | <b>19/12/2003</b> | <b>100%</b> |                      | <a href="#">GP-021256</a>  | Ericsson             |             |     |     |
| 1797 | <b>2346</b>   | <b>GERAN user / control plane</b>                                |           | GP             | No        | GER3GAL-GUCOPL   | <b>07/08/2000</b> | <b>30/08/2002</b> | <b>100%</b> |                      | <a href="#">GP-021255</a>  | Ericsson             |             |     |     |
| 1798 | <b>2347</b>   | <b>Alignment with UMTS bearer concept</b>                        |           | GP             | No        |                  | <b>07/08/2000</b> | <b>30/08/2002</b> | <b>100%</b> |                      |                            |                      |             |     |     |
| 1799 | 50300         | Enhanced power control   |           | GP             | No        |                  | 31/08/2001        | 31/08/2001        | 100%        |                      |                            |                      |             |     |     |
| 1800 | 2423          | Stage 2  |           | GP             | No        |                  | 07/08/2000        | 29/06/2001        | 100%        |                      |                            |                      |             |     |     |
| 1801 | 2348          | Adoption of the UTRAN PDCP                                       |           | GP             | No        |                  | 06/11/2000        | 21/12/2001        | 100%        |                      |                            |                      |             |     |     |
| 1802 | 50043         | Development of RLC / MAC   |           | GP             | No        |                  | 31/08/2001        | 30/08/2002        | 100%        |                      |                            |                      |             |     |     |
| 1803 | 50044         | Development of GERAN RRC   |           | GP             | No        |                  | 22/06/2001        | 28/06/2002        | 100%        |                      |                            |                      |             |     |     |
| 1804 | 50045         | Ciphering and integrity protection concept pa                    |           | GP             | No        |                  | 31/08/2001        | 19/04/2002        | 100%        |                      |                            |                      |             |     |     |

| ID   | Jnique_IC   | Name  | Release      | Resource Names  | Modifie   | Acronym               | Start             | Finish            | % Complete  | Impacted TSs and TRs | Hyperlink                 | WI rapporteur name | Qtr 1, 2009 |     |     |
|------|-------------|---|--------------|-----------------|-----------|-----------------------|-------------------|-------------------|-------------|----------------------|---------------------------|--------------------|-------------|-----|-----|
|      |             |   |              |                 |           |                       |                   |                   |             |                      |                           |                    | Nov         | Jan | Mar |
| 1805 | 50046       | Multiple TBF or equivalent Concept paper                  |              | GP              | No        |                       | 31/08/2001        | 08/02/2002        | 100%        |                      |                           |                    |             |     |     |
| 1806 | 50047       | Paging concept  |              | GP              | No        |                       | 31/08/2001        | 19/04/2002        | 100%        |                      |                           |                    |             |     |     |
| 1807 | 50048       | Dedicated Physical subchannels, includes tra              |              | GP              | No        |                       | 31/08/2001        | 30/11/2001        | 100%        |                      |                           |                    |             |     |     |
| 1808 | 50049       | Iu support and broadcast concept                          |              | GP              | No        |                       | 31/08/2001        | 19/04/2002        | 100%        |                      |                           |                    |             |     |     |
| 1809 | 50050       | Impact of using RLC instead of LAPDm conce                |              | GP              | No        |                       | 31/08/2001        | 08/02/2002        | 100%        |                      |                           |                    |             |     |     |
| 1810 | 50051       | Contention resolution, mobile station identity, .         |              | GP              | No        |                       | 31/08/2001        | 30/11/2001        | 100%        |                      |                           |                    |             |     |     |
| 1811 | 50052       | PDCCP concept   |              | GP              | No        |                       | 31/08/2001        | 19/04/2002        | 100%        |                      |                           |                    |             |     |     |
| 1812 | 50053       | Downlink delayed TBF release                              |              | GP              | No        |                       | 31/08/2001        | 30/08/2002        | 100%        |                      |                           |                    |             |     |     |
| 1813 | 50054       | Add transparent RLC Concept                               |              | GP              | No        |                       | 31/08/2001        | 08/02/2002        | 100%        |                      |                           |                    |             |     |     |
| 1814 | 50055       | Handover concept  |              | GP              | No        |                       | 31/08/2001        | 08/02/2002        | 100%        |                      |                           |                    |             |     |     |
| 1815 | <b>2424</b> | <b>Physical layer alignment with UMTS bearer cor</b>      |              | <b>GP</b>       | <b>No</b> |                       | <b>06/11/2000</b> | <b>30/11/2001</b> | <b>100%</b> |                      |                           |                    |             |     |     |
| 1816 | 2356        | PDTCH/TCH in 45.003                                       |              | GP              | No        |                       | 06/11/2000        | 08/06/2001        | 100%        |                      |                           |                    |             |     |     |
| 1817 | 2357        | Control channels in 45.003                                |              | GP              | No        |                       | 06/11/2000        | 08/06/2001        | 100%        |                      |                           |                    |             |     |     |
| 1818 | 2358        | Receiver performance in 45.005 for PDTCH/T                |              | GP              | No        |                       | 06/11/2000        | 30/11/2001        | 100%        |                      |                           |                    |             |     |     |
| 1819 | <b>2359</b> | <b>Iu rg interface</b>                                    |              | <b>GP,RP</b>    | <b>No</b> | <b>GER3GAL-lurg</b>   | <b>06/11/2000</b> | <b>28/06/2002</b> | <b>100%</b> |                      | <a href="#">GP-010428</a> | <b>Ericsson</b>    |             |     |     |
| 1820 | <b>2425</b> | <b>Inter BSS interface</b>                                |              | <b>GP,RP</b>    | <b>No</b> |                       | <b>06/11/2000</b> | <b>28/06/2002</b> | <b>100%</b> |                      |                           |                    |             |     |     |
| 1821 | 2360        | Identification of requirements                            |              | GP              | No        |                       | 06/11/2000        | 28/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1822 | 2361        | Stage 2   |              | GP              | No        |                       | 06/11/2000        | 28/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1823 | 2362        | Adoption of relevant parts from Iur                       |              | GP              | No        |                       | 06/11/2000        | 28/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1824 | 2363        | Complementation with GERAN specifics                      |              | GP              | No        |                       | 06/11/2000        | 28/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1825 | 2364        | Stage 3   |              | GP              | No        |                       | 06/11/2000        | 28/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1826 | <b>2426</b> | <b>Inter BSS-RNS interface</b>                            |              | <b>GP,RP</b>    | <b>No</b> |                       | <b>06/11/2000</b> | <b>28/06/2002</b> | <b>100%</b> |                      |                           |                    |             |     |     |
| 1827 | 2365        | Identification of requirements                            |              | GP,R3           | No        |                       | 06/11/2000        | 28/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1828 | 2366        | Stage 2   |              | GP,R3           | No        |                       | 06/11/2000        | 28/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1829 | 2367        | Adoption of relevant parts from Iur                       |              | GP,R3           | No        |                       | 06/11/2000        | 28/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1830 | 2368        | Complementation with GERAN specifics                      |              | GP,R3           | No        |                       | 30/01/2002        | 28/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1831 | 2369        | Stage 3   |              | GP,R3           | No        |                       | 30/01/2002        | 28/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1832 | <b>2370</b> | <b>Voice over GERAN PS and CS concept</b>                 |              | <b>GP,R3</b>    | <b>No</b> |                       | <b>06/11/2000</b> | <b>28/06/2002</b> | <b>100%</b> |                      | <a href="#">GP-011252</a> |                    |             |     |     |
| 1833 | 2371        | Architecture for A, Iu cs and Iu ps                       |              | GP,R3           | No        |                       | 06/11/2000        | 28/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1834 | 2372        | Transcoder position/operation                             |              | GP              | No        |                       | 06/11/2000        | 13/04/2001        | 100%        |                      |                           |                    |             |     |     |
| 1835 | 2373        | Handover  |              | GP,R3           | No        |                       | 06/11/2000        | 28/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1836 | 2374        | RTP payload   |              | GP,R3           | No        |                       | 06/11/2000        | 28/06/2002        | 100%        |                      |                           |                    |             |     |     |
| 1837 | 2375        | Codec renegotiation concept                               |              | GP,R3           | No        |                       | 06/11/2000        | 29/03/2002        | 100%        |                      |                           |                    |             |     |     |
| 1838 | 2376        | LA  |              | GP              | No        |                       | 06/11/2000        | 13/04/2001        | 100%        |                      |                           |                    |             |     |     |
| 1839 | 2388        | <i>Deleted - GERAN MS Conformance test for GERAN int</i>  |              | GP              | No        |                       | 11/06/2001        | 19/12/2003        | 100%        |                      | <a href="#">GP-021253</a> |                    |             |     |     |
| 1840 | 2389        | <i>Deleted - MS test</i>                                  |              | GP              | No        |                       | 11/06/2001        | 19/12/2003        | 100%        |                      |                           |                    |             |     |     |
| 1841 | <b>2390</b> | <b>GERAN BSS Conformance test for GERAN interface</b>     |              | <b>GP</b>       | <b>No</b> |                       | <b>08/06/2000</b> | <b>19/12/2003</b> | <b>100%</b> |                      | <a href="#">GP-021254</a> |                    |             |     |     |
| 1842 | 2391        | <i>Deleted - BSS test</i>                                 |              | GP              | No        |                       | 08/06/2000        | 19/12/2003        | 100%        |                      |                           |                    |             |     |     |
| 1843 | <b>2330</b> | <b>GERAN support for IMS</b>                              | <b>Rel-5</b> | <b>GP</b>       | <b>No</b> | <b>GERIMS</b>         | <b>01/05/2000</b> | <b>20/12/2002</b> | <b>100%</b> |                      | <a href="#">GP-010420</a> | <b>Nokia</b>       |             |     |     |
| 1844 | <b>2331</b> | <b>GERAN Header adaptation</b>                            |              | <b>GP,S2,RP</b> | <b>No</b> | <b>GERIMS-HEADAPT</b> | <b>01/05/2000</b> | <b>20/12/2002</b> | <b>100%</b> |                      | <a href="#">GP-010421</a> | <b>Nokia</b>       |             |     |     |
| 1845 | 2332        | Definition of compression and removal modes for f         |              | GP,S2,RP        | No        |                       | 01/05/2000        | 10/11/2000        | 100%        |                      |                           |                    |             |     |     |
| 1846 | 2333        | Conceptual description in stage 2                         |              | GP,S2,RP        | No        |                       | 01/05/2000        | 31/10/2001        | 100%        |                      |                           |                    |             |     |     |
| 1847 | 2334        | Necessary changes on stage 3 regarding header r           |              | GP,S2,RP        | No        |                       | 06/11/2000        | 20/12/2002        | 100%        |                      |                           |                    |             |     |     |
| 1848 | 2335        | <i>Deleted - GERAN Radio access bearer design for IMS</i> |              | GP,S2,RP        | No        | <i>GERIMS-RABDES</i>  | <i>06/11/2000</i> | <i>28/06/2002</i> | <i>100%</i> |                      | <a href="#">GP-010422</a> | <i>Nokia</i>       |             |     |     |

| ID   | Jnique_IC    | Name  | Release  | Resource Names | Modifie   | Acronym           | Start             | Finish            | % Complete  | Impacted TSs and TRs  | Hyperlink                  | WI rapporteur name | Qtr 1, 2009 |     |     |
|------|--------------|---|----------|----------------|-----------|-------------------|-------------------|-------------------|-------------|-----------------------|----------------------------|--------------------|-------------|-----|-----|
|      |              |   |          |                |           |                   |                   |                   |             |                       |                            |                    | Nov         | Jan | Mar |
| 1849 | 2422         | Deleted - MuM control signalling for conversational     |          | iP,S2,RP       | No        |                   | 06/11/2000        | 28/06/2002        | 100%        |                       |                            |                    |             |     |     |
| 1850 | 2431         | Deleted - Identification of requirements                |          | iP,S2,RP       | No        |                   | 06/11/2000        | 08/02/2002        | 100%        |                       |                            |                    |             |     |     |
| 1851 | 2337         | Deleted - Necessary modifications due to SIP            |          | iP,S2,RP       | No        |                   | 06/05/2002        | 28/06/2002        | 100%        |                       |                            |                    |             |     |     |
| 1852 | 2341         | Deleted - GERAN MS Conformance test for support of .    |          | GP             | No        | GERIMS-MSconf     | 11/06/2001        | 20/12/2002        | 100%        |                       | <a href="#">GP-010424</a>  | Nokia              |             |     |     |
| 1853 | 2342         | Deleted - MS test                                       |          | G4             | No        |                   | 11/06/2001        | 20/12/2002        | 100%        |                       |                            |                    |             |     |     |
| 1854 | 2343         | Deleted - GERAN BTS Conformance test for support of     |          | GP             | No        | GERIMS-BTSconf    | 11/06/2001        | 20/12/2002        | 100%        |                       | <a href="#">GP-010425</a>  | Nokia              |             |     |     |
| 1855 | 2344         | Deleted - BTS test                                      |          | G3new          | No        |                   | 11/06/2001        | 20/12/2002        | 100%        |                       |                            |                    |             |     |     |
| 1856 | 54001        | <b>MS Conformance Testing of Dual Transf</b>            | NA       | G4,G5          | No        | MSCTDTM           | 11/11/2002        | 07/02/2003        | 100%        |                       | <a href="#">GP-023236</a>  | Vodafone           |             |     |     |
| 1857 | <b>32033</b> | <b>Handling of early UEs</b>                            | Rel-5    | <b>S2</b>      | <b>No</b> | <b>LATE_UE</b>    | <b>03/01/2000</b> | <b>27/06/2003</b> | <b>100%</b> |                       | <a href="#">SP-030125</a>  |                    |             |     |     |
| 1858 | 32031        | Feasibility Study                                       |          | S2             | No        |                   | 07/10/2002        | 13/12/2002        | 100%        |                       |                            |                    |             |     |     |
| 1859 | 32032        | Stage 2   |          | S2             | No        |                   | 06/01/2003        | 27/06/2003        | 100%        |                       |                            |                    |             |     |     |
| 1860 | 22001        | FS for the Early Mobile Handling in UTRAN               | Rel-5    | R2             | No        | FSEarlyUE         | 09/09/2002        | 06/06/2003        | 100%        |                       | <a href="#">RAN_Sls</a>    | Vodafone           |             |     |     |
| 1861 | 96           | Note: Stage 3 RAN part not shown                        |          |                | No        |                   | 03/01/2000        | 03/01/2000        | 100%        |                       |                            |                    |             |     |     |
| 1862 | 0            | <b>Release 4 Features</b>                               | Rel-4    | RP,SP,TP       | No        |                   | 03/01/2000        | 03/01/2000        | 0%          |                       |                            |                    |             |     |     |
| 1863 | <b>1861</b>  | <b>Miscellaneous UE Conformance Testing</b>             | NA       | <b>T1</b>      | <b>No</b> | <b>MISTST1</b>    | <b>02/04/2001</b> | <b>01/12/2004</b> | <b>100%</b> |                       | <a href="#">not needed</a> |                    |             |     |     |
| 1864 | 1862         | Optimisation of Test Time, RF Aspects (FDD)             | el Indep | T1             | No        | MISTST1-OpFDD     | 24/09/2001        | 03/09/2003        | 100%        | 34.121                | <a href="#">TP-030052</a>  |                    |             |     |     |
| 1865 | 1863         | Optimisation of Test Time, RF Aspects (TDD)             | el Indep | T1             | No        | MISTST1-OpTDD     | 24/09/2001        | 03/09/2003        | 100%        | 34.122                | <a href="#">TP-030052</a>  |                    |             |     |     |
| 1866 | 1907         | Extensions to R99 Test cases                            |          | T1             | No        | MISTST1-Ext       | 02/04/2001        | 02/12/2003        | 100%        | 34.123 p 1,2          | <a href="#">TP-030052</a>  |                    |             |     |     |
| 1867 | 2564         | Extension to R99 Test cases - TTCN                      |          | T1             | No        |                   | 28/06/2002        | 03/03/2004        | 100%        |                       | <a href="#">TP-030052</a>  |                    |             |     |     |
| 1868 | 2565         | Creation of R99 TCs for TDD - prose                     |          | T1             | No        | MISTST1-TDD       | 01/10/2001        | 01/07/2004        | 100%        | 34.123-1              | <a href="#">TP-030052</a>  |                    |             |     |     |
| 1869 | 2566         | Deleted - Creation of R99 TCs for TDD - TTCN            |          | T1             | No        |                   | 03/09/2002        | 01/12/2004        | 100%        |                       | <a href="#">TP-030052</a>  |                    |             |     |     |
| 1870 | 1908         | Deleted - Review all other work items for impact on new |          | T1             | No        | MISTST1           | 02/07/2002        | 27/12/2002        | 100%        | 34.121,122,123,125    |                            |                    |             |     |     |
| 1871 | <b>1340</b>  | <b>Facsimile</b>  | Rel-4    | <b>S1</b>      | <b>No</b> | <b>FAX</b>        | <b>22/02/2000</b> | <b>23/06/2000</b> | <b>100%</b> |                       | <a href="#">SP-000169</a>  |                    |             |     |     |
| 1872 | <b>1341</b>  | <b>Real Time Fax</b>                                    |          | <b>S2</b>      | <b>No</b> | <b>FAX-RT</b>     | <b>22/02/2000</b> | <b>23/06/2000</b> | <b>100%</b> |                       |                            |                    |             |     |     |
| 1873 | 1808         | Terminal capabilities, AT commands                      |          | T2             | No        |                   | 22/02/2000        | 23/06/2000        | 100%        | 21.904, 27.007        |                            |                    |             |     |     |
| 1874 | 1343         | Signalling aspects (e.g. ICM)                           |          | N1             | No        |                   | 22/02/2000        | 23/06/2000        | 100%        |                       |                            |                    |             |     |     |
| 1875 | 1648         | Service provision                                       |          | N3             | No        |                   | 22/02/2000        | 23/06/2000        | 100%        | 23.146                |                            |                    |             |     |     |
| 1876 | 1345         | Review whether service/stage 1 aspects need to b        |          | S1             | No        |                   | 14/04/2000        | 23/06/2000        | 100%        |                       |                            |                    |             |     |     |
| 1877 | 1346         | Review whether architecture/stage 2 aspects neec        |          | S2             | No        |                   | 14/04/2000        | 23/06/2000        | 100%        |                       |                            |                    |             |     |     |
| 1878 | 1539         | <b>Transparent End-to-End PS mobile strea</b>           | Rel-4    | S4             | No        | PSTREAM           | 03/04/2000        | 21/03/2001        | 100%        | 26.233, 26.234        | <a href="#">SP-000345</a>  |                    |             |     |     |
| 1879 | <b>1818</b>  | <b>Multimedia Messaging</b>                             | Rel-4    | <b>T2</b>      | <b>No</b> | <b>MMS</b>        | <b>22/02/2000</b> | <b>14/03/2001</b> | <b>100%</b> | <b>22.140, 23.140</b> | <a href="#">TP-000078</a>  | Siemens            |             |     |     |
| 1880 | 136          | Definition of service requirements                      |          | S1             | No        | MMS               | 22/02/2000        | 31/05/2000        | 100%        |                       |                            |                    |             |     |     |
| 1881 | 1819         | Review of definition of service requirements            |          | T2             | No        |                   | 01/06/2000        | 14/03/2001        | 100%        | 22.140, 23.140        | <a href="#">TP-000078</a>  | Siemens            |             |     |     |
| 1882 | <b>1820</b>  | <b>Technical Realisation</b>                            |          | <b>T2</b>      | <b>No</b> |                   | <b>10/04/2000</b> | <b>14/03/2001</b> | <b>100%</b> | <b>22.140, 23.140</b> | <a href="#">TP-000078</a>  | Siemens            |             |     |     |
| 1883 | 1821         | Review of definition of reference Achitecture mode      |          | T2             | No        |                   | 10/04/2000        | 14/03/2001        | 100%        | 22.140, 23.140        | <a href="#">TP-000078</a>  | Siemens            |             |     |     |
| 1884 | 1822         | "Fulfill Requirements of Stage 1"                       |          | T2             | No        |                   | 10/04/2000        | 14/03/2001        | 100%        | 22.140, 23.140        | <a href="#">TP-000078</a>  | Siemens            |             |     |     |
| 1885 | 1823         | Definition of MMS primitives in Stage 2                 |          | T2             | No        |                   | 10/04/2000        | 14/03/2001        | 100%        | 22.140, 23.140        | <a href="#">TP-000078</a>  | Siemens            |             |     |     |
| 1886 | <b>1541</b>  | <b>Transcoder-Free Operation</b>                        | Rel-4    | <b>N4</b>      | <b>No</b> | <b>TrFO</b>       | <b>03/01/2000</b> | <b>30/03/2001</b> | <b>100%</b> |                       |                            |                    |             |     |     |
| 1887 | <b>112</b>   | <b>OoBTC solution</b>                                   |          | <b>N4</b>      | <b>No</b> | <b>TRFO-OoBTC</b> | <b>03/01/2000</b> | <b>30/03/2001</b> | <b>100%</b> |                       | <a href="#">N4-000531</a>  | NEC                |             |     |     |
| 1888 | 1512         | implementation in UTRAN                                 |          | R3             | No        | TRFO-OoBTC-UTRA   | 11/09/2000        | 30/03/2001        | 100%        | 25.401, 25.410, 25.4  | <a href="#">RAN_Wis</a>    | Siemens            |             |     |     |
| 1889 | 896          | Impact on architecture, Principles and Terminology      |          | S2             | No        |                   | 03/01/2000        | 20/10/2000        | 100%        |                       |                            |                    |             |     |     |
| 1890 | 1657         | Codec Negotiation between UE and MSC                    |          | N1             | No        |                   | 14/08/2000        | 02/02/2001        | 100%        | 24.008, 23.009, 23.1  |                            | Motorola           |             |     |     |
| 1891 | 115          | Codec Negotiation inter MSC                             |          | N4             | No        |                   | 03/07/2000        | 22/12/2000        | 100%        |                       |                            |                    |             |     |     |
| 1892 | 894          | Bearer establishment inter MSC                          |          | N4             | No        |                   | 03/07/2000        | 22/12/2000        | 100%        | 23.153                | <a href="#">NP-000127</a>  |                    |             |     |     |



| ID   | Jnique_IC | Name  | Release | Resource Names | Modifie | Acronym       | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                 | WI rapporteur name | Qtr 1, 2009 |     |     |
|------|-----------|---|---------|----------------|---------|---------------|------------|------------|------------|----------------------|---------------------------|--------------------|-------------|-----|-----|
|      |           |   |         |                |         |               |            |            |            |                      |                           |                    | Nov         | Jan | Mar |
| 1893 | 905       | Speech Transcoder: Location and Control at the U      |         | S2             | No      | TRFO-STLC     | 10/04/2000 | 29/09/2000 | 100%       |                      | <a href="#">S2-99352</a>  |                    |             |     |     |
| 1894 | 124       | Transcoder at Edge                                    |         | NP             | No      |               | 10/04/2000 | 29/09/2000 | 100%       |                      |                           |                    |             |     |     |
| 1895 | 2310      | GERAN improvements 1 (Gb over IP)                     | Rel-4   | GP             | No      | GEIMP1        | 09/05/2000 | 19/03/2001 | 100%       |                      | <a href="#">GP-000433</a> |                    |             |     |     |
| 1896 | 2311      | Gb over IP (ip-fication of Gb)                        |         | GP             | No      | GblP          | 09/05/2000 | 19/03/2001 | 100%       |                      | <a href="#">GP-000434</a> |                    |             |     |     |
| 1897 | 2312      | Concept   |         | GP             | No      |               | 09/05/2000 | 10/11/2000 | 100%       |                      |                           |                    |             |     |     |
| 1898 | 2313      | Changes to 08.16, 08.18                               |         | GP             | No      |               | 09/05/2000 | 19/03/2001 | 100%       |                      |                           |                    |             |     |     |
| 1899 | 2314      | GERAN improvements 2 (NACC)                           | Rel-4   | GP             | No      | GEIMP2        | 06/11/2000 | 19/12/2003 | 100%       |                      | <a href="#">GP-012812</a> |                    |             |     |     |
| 1900 | 2315      | Gb enhancements                                       |         | GP             | No      | Gben          | 06/11/2000 | 08/06/2001 | 100%       |                      | <a href="#">GP-000436</a> |                    |             |     |     |
| 1901 | 2316      | Intra BSC NACC (Network Assisted Cell Chang           |         | GP             | No      |               | 06/11/2000 | 08/06/2001 | 100%       |                      |                           |                    |             |     |     |
| 1902 | 2420      | Concept   |         | GP             | No      |               | 06/11/2000 | 08/06/2001 | 100%       |                      |                           |                    |             |     |     |
| 1903 | 2317      | Changes in 03.64                                      |         | GP             | No      |               | 06/11/2000 | 08/06/2001 | 100%       |                      |                           |                    |             |     |     |
| 1904 | 2318      | Changes in 04.60                                      |         | GP             | No      |               | 06/11/2000 | 08/06/2001 | 100%       |                      |                           |                    |             |     |     |
| 1905 | 2319      | Changes in 44.008                                     |         | GP             | No      |               | 06/11/2000 | 08/06/2001 | 100%       |                      |                           |                    |             |     |     |
| 1906 | 50030     | MS conformance test for Intra BSC NACC                |         | GP             | No      | GEIMP2-Msconf | 30/11/2001 | 19/12/2003 | 100%       |                      | <a href="#">GP-012811</a> |                    |             |     |     |
| 1907 | 50299     | Changes in 51.010                                     |         | G5,G4          | No      |               | 30/11/2001 | 19/12/2003 | 100%       |                      |                           |                    |             |     |     |
| 1908 | 2324      | GERAN improvements 4 (Delayed TBF)                    | Rel-4   | GP             | No      | GEIMP4        | 15/01/2001 | 08/06/2001 | 100%       |                      | <a href="#">GP-010363</a> |                    |             |     |     |
| 1909 | 2325      | Gb enhancements 2                                     |         | GP             | No      | GEIMP4-Gben2  | 15/01/2001 | 08/06/2001 | 100%       |                      | <a href="#">GP-010363</a> |                    |             |     |     |
| 1910 | 2429      | stage 2   |         | GP             | No      |               | 15/01/2001 | 08/06/2001 | 100%       |                      |                           |                    |             |     |     |
| 1911 | 2421      | Stage 3 (changes in 44.060)                           |         | G2             | No      |               | 15/01/2001 | 06/04/2001 | 100%       |                      |                           |                    |             |     |     |
| 1912 | 2327      | Definition of enhanced countdown procedure            |         | G2             | No      |               | 15/01/2001 | 06/04/2001 | 100%       |                      |                           |                    |             |     |     |
| 1913 | 2328      | Definition of enhanced TBF release procedure          |         | G2             | No      |               | 15/01/2001 | 06/04/2001 | 100%       |                      |                           |                    |             |     |     |
| 1914 | 2329      | Definition of USF=FREE type polling mechani           |         | G2             | No      |               | 15/01/2001 | 06/04/2001 | 100%       |                      |                           |                    |             |     |     |
| 1915 | 1222      | Low Chip Rate TDD option                              | Rel-4   | R1             | No      | LCRTDD        | 19/07/2000 | 02/12/2003 | 100%       |                      | <a href="#">RAN_Wis</a>   | CWTS               |             |     |     |
| 1916 | 1223      | Physical layer  |         | R1             | No      | LCRTDD-Phys   | 19/07/2000 | 30/03/2001 | 100%       |                      | <a href="#">RAN_Wis</a>   | CWTS               |             |     |     |
| 1917 | 1224      | Layer 2 and layer 3 protocol aspects                  |         | R2             | No      | LCRTDD-L23    | 19/07/2000 | 30/03/2001 | 100%       |                      | <a href="#">RAN_Wis</a>   | CWTS               |             |     |     |
| 1918 | 1225      | RF radio transmission/reception, system performance n |         | R4             | No      | LCRTDD-RF     | 14/08/2000 | 30/03/2001 | 100%       |                      | <a href="#">RAN_Wis</a>   | CWTS               |             |     |     |
| 1919 | 1227      | UE radio access capability                            |         | R2             | No      | LCRTDD-UErac  | 14/08/2000 | 30/03/2001 | 100%       |                      | <a href="#">RAN_Wis</a>   | CWTS               |             |     |     |
| 1920 | 1228      | lub/lur protocol aspects                              |         | R3             | No      | LCRTDD-lublur | 14/08/2000 | 30/03/2001 | 100%       |                      | <a href="#">RAN_Wis</a>   | CWTS               |             |     |     |
| 1921 | 2262      | Low chiprate TDD interworking with GERAN              |         |                | No      |               | 01/09/2000 | 19/01/2001 | 100%       |                      | <a href="#">GP-000432</a> |                    |             |     |     |
| 1922 | 2263      | Handover and Cell Selection / Reselection to UTR      |         |                | No      |               | 01/09/2000 | 19/01/2001 | 100%       |                      |                           |                    |             |     |     |
| 1923 | 2103      | Conformance Test Aspects - Low Chip Rate TDD          |         | T1             | No      |               | 17/09/2001 | 02/12/2003 | 100%       | 0%                   |                           |                    |             |     |     |
| 1924 | 2217      | Testing Layer 2 and layer 3 protocol aspects          |         | T1             | No      |               | 17/09/2001 | 02/07/2003 | 100%       | 34.123-1, 34.123-2   | <a href="#">TP-030052</a> |                    |             |     |     |
| 1925 | 2562      | Deleted - Testing Layer 2 and layer 3 protocol asp    |         | T1             | No      |               | 03/12/2002 | 02/12/2003 | 100%       | 34.123-3             | <a href="#">TP-030052</a> |                    |             |     |     |
| 1926 | 2218      | Testing RF Radio Transmission and Reception           |         | T1             | No      |               | 17/09/2001 | 28/06/2002 | 100%       |                      | <a href="#">TP-030052</a> |                    |             |     |     |
| 1927 | 1322      | Enable bearer independent CS architectu               | Rel-4   | S2             | No      | CSSPLIT       | 03/01/2000 | 01/03/2002 | 100%       |                      | <a href="#">SP-000288</a> | Siemens            |             |     |     |
| 1928 | 1323      | Enable bearer-independent call control                |         | N4             | No      |               | 03/01/2000 | 16/08/2001 | 100%       |                      | <a href="#">N4-000512</a> | Ericsson           |             |     |     |
| 1929 | 1516      | Architecture and Stage 2 description                  |         | S2             | No      |               | 03/01/2000 | 08/09/2000 | 100%       | 23.002               |                           |                    |             |     |     |
| 1930 | 1325      | Standardisation of protocols (control & user planes   |         | N3             | No      |               | 02/01/2001 | 30/03/2001 | 100%       |                      | <a href="#">N4-000512</a> |                    |             |     |     |
| 1931 | 1326      | Standardisation of protocols over reference points    |         | N4             | No      |               | 25/09/2000 | 23/03/2001 | 100%       |                      | <a href="#">N4-000512</a> |                    |             |     |     |
| 1932 | 1616      | Standardisation of detailed stage 2 description       |         | N4             | No      |               | 17/07/2000 | 23/03/2001 | 100%       |                      | <a href="#">N4-000512</a> |                    |             |     |     |
| 1933 | 1327      | Bearer control between MSC server and MGW             |         | N4             | No      |               | 01/09/2000 | 16/08/2001 | 100%       |                      | <a href="#">N4-000512</a> |                    |             |     |     |
| 1934 | 1328      | stage 3 - protocol issues                             |         | N4             | No      |               | 01/09/2000 | 16/08/2001 | 100%       |                      |                           |                    |             |     |     |
| 1935 | 1329      | stage 3 - parameter value issues                      |         | N3             | No      |               | 02/01/2001 | 30/03/2001 | 100%       |                      |                           |                    |             |     |     |
| 1936 | 1331      | Lawful interception                                   |         | S3             | No      |               | 21/08/2000 | 23/03/2001 | 100%       |                      |                           |                    |             |     |     |

| ID   | Jnique_IC | Name   | Release | Resource Names | Modifie | Acronym         | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                 | WI rapporteur name  | Qtr 1, 2009 |     |     |
|------|-----------|--|---------|----------------|---------|-----------------|------------|------------|------------|----------------------|---------------------------|---------------------|-------------|-----|-----|
|      |           |  |         |                |         |                 |            |            |            |                      |                           |                     | Nov         | Jan | Mar |
| 1937 | 2052      | <i>Deleted - Conformance Test Aspects - Enable bearer ir</i> |         | T1             | No      | CSSPLIT-TEST    | 05/03/2001 | 01/03/2002 | 100%       |                      |                           |                     |             |     |     |
| 1938 | 1445      | <b>MExE enhancements Rel-4</b>                               | Rel-4   | T2             | No      | MEXE            | 03/01/2000 | 14/12/2001 | 100%       |                      | <a href="#">TP-030052</a> |                     |             |     |     |
| 1939 | 1447      | <b>MExE Security Analysis Activity</b>                       |         | S3             | No      | MEXE-SEC        | 22/02/2000 | 14/12/2001 | 100%       |                      | <a href="#">SP-010327</a> | BT                  |             |     |     |
| 1940 | 2045      | Stage 3  |         | S3             | No      | MEXE1-SEC       | 17/07/2000 | 14/12/2001 | 100%       |                      |                           |                     |             |     |     |
| 1941 | 1448      | Terminal aspects   |         | T2             | No      |                 | 22/02/2000 | 15/12/2000 | 100%       |                      |                           |                     |             |     |     |
| 1942 | 1810      | <b>MExE Rel4 Improvements and Investigations</b>             |         | T2             | No      | MEXE-ENHANC     | 03/01/2000 | 15/12/2000 | 100%       | 22.057, 23.057       |                           | Motorola            |             |     |     |
| 1943 | 1812      | 3rd MExE classmark   |         | T2             | No      |                 | 03/01/2000 | 15/12/2000 | 100%       | 22.057, 23.057       |                           | Motorola            |             |     |     |
| 1944 | 1814      | FS on Secure download mechanism and capabiliti               |         | T2             | No      |                 | 07/02/2000 | 15/12/2000 | 100%       | 22.057, 23.057       |                           | Motorola            |             |     |     |
| 1945 | 1815      | FS on Support of MP3/MPEG4 content                           |         | T2             | No      |                 | 07/02/2000 | 15/12/2000 | 100%       | 22.057, 23.057       |                           | Motorola            |             |     |     |
| 1946 | 1631      | <b>Tandem Free aspects for 3G and betwee</b>                 | Rel-4   | S4             | No      | TFO             | 22/02/2000 | 15/06/2001 | 100%       |                      |                           |                     |             |     |     |
| 1947 | 1632      | <b>Tandem Free AMR</b>                                       |         | S4             | No      | TFO-AMR         | 22/02/2000 | 15/06/2001 | 100%       |                      |                           |                     |             |     |     |
| 1948 | 130       | Specification  |         | S4             | No      |                 | 22/02/2000 | 23/03/2001 | 100%       | 28.062               |                           |                     |             |     |     |
| 1949 | 907       | <b>Impact on:</b>  |         | NP             | No      |                 | 08/01/2001 | 15/06/2001 | 100%       |                      |                           |                     |             |     |     |
| 1950 | 131       | CN   |         | NP             | No      |                 | 26/03/2001 | 15/06/2001 | 100%       |                      |                           |                     |             |     |     |
| 1951 | 132       | GERAN  |         | GP             | No      |                 | 08/01/2001 | 06/04/2001 | 100%       |                      |                           |                     |             |     |     |
| 1952 | 2230      | <b>Advanced Speech Call Items enhanceme</b>                  | Rel-4   | N1             | No      | ASCI            | 03/12/2000 | 14/03/2002 | 100%       |                      | <a href="#">NP-000730</a> | Nortel              |             |     |     |
| 1953 | 2232      | Stage 2  |         | N4             | No      |                 | 03/12/2000 | 14/03/2002 | 100%       | 23.067, 24.067       |                           | Sagem               |             |     |     |
| 1954 | 2231      | Stages 2 and 3 on A interface                                |         | N1             | No      |                 | 03/12/2000 | 23/03/2001 | 100%       | 44.068, 44.069, 24.0 |                           | Nortel              |             |     |     |
| 1955 | 2403      | <b>700 MHz spectrum support</b>                              | Rel-4   | GP             | No      | 700SS           | 03/01/2000 | 20/12/2002 | 100%       |                      | <a href="#">GP-000449</a> |                     |             |     |     |
| 1956 | 2404      | <b>GERAN support for the 700 MHz band</b>                    |         | GP             | No      |                 | 03/01/2000 | 19/01/2001 | 100%       |                      |                           |                     |             |     |     |
| 1957 | 2405      | Signalling support   |         | GP             | No      |                 | 03/01/2000 | 19/01/2001 | 100%       |                      |                           |                     |             |     |     |
| 1958 | 2406      | Physical layer definitions                                   |         | GP             | No      |                 | 03/01/2000 | 19/01/2001 | 100%       |                      |                           |                     |             |     |     |
| 1959 | 2407      | Receiver performance and RF budget                           |         | GP             | No      |                 | 03/01/2000 | 19/01/2001 | 100%       |                      |                           |                     |             |     |     |
| 1960 | 2408      | <b>GERAN MS Conformance test for 700 MHz band</b>            |         | GP             | No      |                 | 02/04/2001 | 30/11/2001 | 100%       |                      | <a href="#">GP-000451</a> |                     |             |     |     |
| 1961 | 2409      | MS test  |         | GP             | No      |                 | 02/04/2001 | 30/11/2001 | 100%       |                      |                           |                     |             |     |     |
| 1962 | 2410      | <b>GERAN BTS Conformance test for 700 MHz band</b>           |         | GP             | No      |                 | 02/04/2001 | 20/12/2002 | 100%       |                      | <a href="#">GP-000452</a> |                     |             |     |     |
| 1963 | 2411      | BTS test   |         | GP             | No      |                 | 02/04/2001 | 20/12/2002 | 100%       |                      |                           |                     |             |     |     |
| 1964 | 2463      | <b>Operator Determined Barring for Packet</b>                | Rel-4   | NP             | No      | ODB             | 01/06/2000 | 19/03/2001 | 100%       |                      | <a href="#">NP-010089</a> | NEC                 |             |     |     |
| 1965 | 2546      | <b>UMTS QoS Architecture for PS Domain</b>                   | Rel-4   | S2             | No      | QoSPS           | 03/01/2000 | 27/11/2002 | 100%       |                      | <a href="#">SP-010342</a> | Ericsson            |             |     |     |
| 1966 | 2548      | Architecture   |         | S2             | No      |                 | 05/06/2000 | 03/01/2001 | 100%       | 23.107               |                           |                     |             |     |     |
| 1967 | 2550      | Charging and OAM&P for QoS Management                        | Rel-4   | S5             | No      | QoSPS-OAM       | 21/09/2001 | 28/06/2002 | 100%       | 32-series            | <a href="#">SP-010461</a> | iceStream, Motorola |             |     |     |
| 1968 | 1681      | <b>RAB Quality of Service (re)Negotiation over lu</b>        |         | R3             | No      | QoSPS-MAPEND-R/ | 21/08/2000 | 23/03/2001 | 100%       | 25.413               | <a href="#">RAN_Wis</a>   | Ericsson            |             |     |     |
| 1969 | 1991      | RAB Quality of Service Negotiation over lu                   |         | R3             | No      | QoSPS-MAPEND-R/ | 21/08/2000 | 23/03/2001 | 100%       |                      | <a href="#">RAN_Wis</a>   | Ericsson            |             |     |     |
| 1970 | 2456      | RAB Quality of Service Negotiation over lu during i          |         | R3             | No      | QoSPS-MAPEND-R/ | 02/03/2001 | 23/03/2001 | 100%       |                      |                           |                     |             |     |     |
| 1971 | 1992      | RAB Quality of Service Re-Negotiation over lu                |         | R3             | No      | QoSPS-MAPEND-R/ | 25/09/2000 | 23/03/2001 | 100%       |                      | <a href="#">RAN_Wis</a>   | Motorola            |             |     |     |
| 1972 | 1553      | <b>GERAN QoS Aspects - Handovers: maintenance of</b>         |         | GP             | No      | GERQoS          | 03/01/2000 | 30/11/2001 | 100%       |                      | <a href="#">GP-010431</a> |                     |             |     |     |
| 1973 | 2306      | <b>Handover Concept for the PS domain</b>                    |         | GP             | No      |                 | 03/01/2000 | 30/11/2001 | 100%       |                      |                           |                     |             |     |     |
| 1974 | 2309      | Stable RT handover report 25.936 including h                 |         | GP             | No      |                 | 03/01/2000 | 19/01/2000 | 100%       |                      |                           |                     |             |     |     |
| 1975 | 2307      | Update of stage 2  |         | GP             | No      |                 | 03/01/2000 | 13/02/2001 | 100%       |                      |                           |                     |             |     |     |
| 1976 | 2308      | Update of relevant stage 3 specs -> RRC                      |         | G2             | No      |                 | 03/01/2000 | 30/11/2001 | 100%       |                      |                           |                     |             |     |     |
| 1977 | 50010     | <i>Deleted - GERAN MS Conformance test for inter-syste</i>   |         | G4,R3          | No      | GERQoS-Mstest   | 31/08/2001 | 27/11/2002 | 100%       |                      | <a href="#">GP-012287</a> |                     |             |     |     |
| 1978 | 50011     | <i>Deleted - Handover for the PS domain</i>                  |         | G4,R3          | No      |                 | 31/08/2001 | 27/11/2002 | 100%       |                      |                           |                     |             |     |     |
| 1979 | 50012     | <i>Deleted - Stable RT handover report 25.936 i</i>          |         | G4,R3          | No      |                 | 31/08/2001 | 27/11/2002 | 100%       |                      |                           |                     |             |     |     |
| 1980 | 50013     | <i>Deleted - Update of stage 2</i>                           |         | G4,R3          | No      |                 | 31/08/2001 | 27/11/2002 | 100%       |                      |                           |                     |             |     |     |

| ID   | Jnique_IC | Name  | Release  | Resource Names | Modifie | Acronym        | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                   | WI rapporteur name | Qtr 1, 2009 |     |     |
|------|-----------|---|----------|----------------|---------|----------------|------------|------------|------------|----------------------|-----------------------------|--------------------|-------------|-----|-----|
|      |           |   |          |                |         |                |            |            |            |                      |                             |                    | Nov         | Jan | Mar |
| 1981 | 50014     | <i>Deleted - Update of relevant stage 3 specs</i>         |          | G4,R3          | No      |                | 31/08/2001 | 27/11/2002 | 100%       |                      |                             |                    |             |     |     |
| 1982 | 1685      | PS-domain handover for real-time services                 |          | R3             | No      | QoSPS-PSdoRTS  | 28/08/2000 | 30/03/2001 | 100%       |                      | <a href="#">RAN_Wis</a>     | Nokia              |             |     |     |
| 1983 | 2554      | <i>Deleted - RAB QoS Renegotiation at Relocation</i>      |          | R3             | No      |                | 03/01/2001 | 23/03/2001 | 100%       | 25.851, 25.946       |                             |                    |             |     |     |
| 1984 | 1993      | <b>small Technical Enhancements and Imp</b>               | Rel-4    | All            | No      | TEI4           | 03/01/2000 | 06/05/2008 | 100%       |                      |                             |                    |             |     |     |
| 1985 | 25017     | Small Technical Enhancements and Improvements for f       | Rel-4    | R5             | Yes     | TEI4_Test      | 03/01/2000 | 06/05/2008 | 100%       |                      | <a href="#">_Work_Items</a> |                    |             |     |     |
| 1986 | 400002    | <b>Rel-4 Evolutions of the transport in the L</b>         | NA       | RP             | No      | ETRAN          | 21/08/2000 | 23/08/2002 | 100%       |                      | <a href="#">RAN_Wis</a>     | Alcatel            |             |     |     |
| 1987 | 12        | QoS optimisation for AAL2 connections over lub and lur    | Rel-4    | R3             | No      | ETRAN-QoSAAAL2 | 21/08/2000 | 30/03/2001 | 100%       |                      | <a href="#">RAN_Wis</a>     | Japan Telecom      |             |     |     |
| 1988 | 1995      | Transport bearer modification procedure on lub, lur, and  | Rel-4    | R3             | No      | ETRAN-MigrMod  | 02/10/2000 | 30/03/2001 | 100%       |                      | <a href="#">RAN_Wis</a>     | Japan Telecom      |             |     |     |
| 1989 | 401834    | <b>Conformance Test Aspects of Rel-4 evolutions of th</b> |          | T1             | No      |                | 25/02/2002 | 23/08/2002 | 100%       |                      |                             |                    |             |     |     |
| 1990 | 2208      | Testing RAB support enhancements                          |          | T1             | No      | CT-RABS?       | 25/02/2002 | 23/08/2002 | 100%       | 34.108, 34. 121, 34. |                             |                    |             |     |     |
| 1991 | 400004    | <b>Rel-4 Evolutions of the transport in the C</b>         | NA       | N4             | No      | CNTRSP         | 29/05/2000 | 23/03/2001 | 100%       |                      | <a href="#">not needed</a>  |                    |             |     |     |
| 1992 | 859       | <b>IP Transport of CN protocols (e.g., CAP, MAP)</b>      | Rel-4    | N4             | No      | SS7IP          | 07/12/2000 | 23/03/2001 | 100%       |                      |                             |                    |             |     |     |
| 1993 | 1679      | <b>Stage 3</b>  |          | N4             | No      |                | 07/12/2000 | 23/03/2001 | 100%       |                      |                             |                    |             |     |     |
| 1994 | 2018      | CAP   |          | N2             | No      |                | 07/12/2000 | 23/03/2001 | 100%       |                      |                             |                    |             |     |     |
| 1995 | 2019      | MAP   |          | N4             | No      |                | 07/12/2000 | 23/03/2001 | 100%       |                      |                             |                    |             |     |     |
| 1996 | 2253      | BSSAP+  |          | N1             | No      | SS7IP-BSSAP+   | 15/01/2001 | 14/03/2001 | 100%       |                      |                             |                    |             |     |     |
| 1997 | 1513      | <b>FS on Transport and control separation in the PS C</b> | Rel-4    | S2             | No      |                | 29/05/2000 | 23/03/2001 | 100%       |                      | <a href="#">SP-000293</a>   | Ericsson           |             |     |     |
| 1998 | 1615      | Architectural impacts                                     |          | S2             | No      |                | 29/05/2000 | 23/03/2001 | 100%       |                      |                             |                    |             |     |     |
| 1999 | 401216    | <b>Rel-4 Improvements of Radio Interface</b>              | NA       | RP             | No      | RInImp         | 10/07/2000 | 14/03/2003 | 100%       |                      | <a href="#">RAN_Wis</a>     |                    |             |     |     |
| 2000 | 1509      | UTRA repeater specification (master)                      | Rel-4    | R4             | No      | RInImp-REP     | 10/07/2000 | 21/03/2001 | 100%       |                      | <a href="#">RAN_Wis</a>     | Mikom, Allgon      |             |     |     |
| 2001 | 1994      | DSCH power control improvement in soft handover           | Rel-4    | R1             | No      | RInImp-DSCHsho | 11/09/2000 | 23/03/2001 | 100%       |                      | <a href="#">RAN_Wis</a>     | Nokia              |             |     |     |
| 2002 | 1996      | UMTS 1800   | el indep | R4             | No      | RInImp-UMTS18  | 25/09/2000 | 14/12/2001 | 100%       |                      | <a href="#">RAN_Wis</a>     | Motorola           |             |     |     |
| 2003 | 2467      | UMTS 1900   | el indep | R4             | No      | RInImp-UMTS19  | 19/03/2001 | 14/12/2001 | 100%       |                      |                             | Motorola           |             |     |     |
| 2004 | 1219      | FS on High Speed downlink packet access                   |          | R2             | No      | RInImp-HSDPA   | 21/08/2000 | 23/03/2001 | 100%       |                      | <a href="#">RAN_Sis</a>     | Motorola           |             |     |     |
| 2005 | 1510      | FS on improved common DL channel for Cell-FACH sta        |          | R2             | No      | RInImp-DLCFACH | 11/09/2000 | 28/12/2001 | 100%       |                      | <a href="#">RAN_Sis</a>     | GBT                |             |     |     |
| 2006 | 401839    | <b>Conformance Test Spec. Rel-4 improvements in Ra</b>    |          | T1             | No      |                | 08/10/2001 | 14/03/2003 | 100%       |                      |                             |                    |             |     |     |
| 2007 | 2212      | <i>Deleted - Testing Improved usage of downlink res</i>   |          | T1             | No      |                | 18/02/2002 | 30/08/2002 | 100%       |                      |                             |                    |             |     |     |
| 2008 | 2213      | <i>Deleted - Testing Terminal Power saving features</i>   |          | T1             | No      |                | 18/02/2002 | 30/08/2002 | 100%       |                      |                             |                    |             |     |     |
| 2009 | 2214      | <i>Deleted - Testing DSCH power control improveme</i>     | Rel-4    | T1             | No      |                | 18/02/2002 | 30/08/2002 | 100%       |                      |                             |                    |             |     |     |
| 2010 | 2215      | Testing UMTS 1800   | el indep | T1             | No      |                | 08/10/2001 | 14/06/2002 | 100%       | 34.108, 34,121, 34.1 | <a href="#">TP-030052</a>   |                    |             |     |     |
| 2011 | 41000     | Testing UMTS 1900   | el indep | T1             | No      |                | 08/10/2001 | 14/06/2002 | 100%       | 34.108, 34,121, 34.1 | <a href="#">TP-030052</a>   |                    |             |     |     |
| 2012 | 2561      | Testing UMTS 1800 - TTCN                                  | el indep | T1             | No      |                | 17/06/2002 | 14/03/2003 | 100%       | 34.123-3             | <a href="#">TP-030052</a>   |                    |             |     |     |
| 2013 | 41001     | Testing UMTS 1900 - TTCN                                  | el indep | T1             | No      |                | 17/06/2002 | 14/03/2003 | 100%       | 34.123-3             | <a href="#">TP-030052</a>   |                    |             |     |     |
| 2014 | 400009    | <b>Rel-4 RAN improvements</b>                             | NA       | RP             | No      | RANimp         | 14/08/2000 | 17/03/2004 | 100%       |                      | <a href="#">RAN_Wis</a>     |                    |             |     |     |
| 2015 | 655       | Node B synchronisation for TDD                            | Rel-4    | R1             | No      | RANimp-NBsync  | 14/08/2000 | 23/03/2001 | 100%       |                      | <a href="#">RAN_Wis</a>     | Siemens            |             |     |     |
| 2016 | 2206      | RAB support enhancement for Rel-4                         | Rel-4    | R2             | No      | RANimp-RABSE   | 21/08/2000 | 23/03/2001 | 100%       |                      | <a href="#">RAN_Wis</a>     | Ericsson           |             |     |     |
| 2017 | 402102    | <b>Deleted - Conformance Test Aspects - Rel-4 RAN In</b>  |          | T1             | No      |                | 01/01/2002 | 17/03/2004 | 100%       | 0%                   |                             |                    |             |     |     |
| 2018 | 402222    | <i>Deleted - Testing Radio access bearer support eni</i>  |          | T1             | No      |                | 01/01/2002 | 02/09/2002 | 100%       |                      |                             |                    |             |     |     |
| 2019 | 402461    | <i>Deleted - Testing RAB support enhancements-Rol</i>     | Rel-4    | T1             | No      | RABimp-RoCH    | 28/05/2002 | 03/09/2003 | 100%       | 34.123-1, -2         | <a href="#">TP-030052</a>   |                    |             |     |     |
| 2020 | 41006     | <i>Deleted - Testing RAB support enhancements-Rol</i>     | Rel-4    | T1             | No      |                | 28/05/2002 | 17/03/2004 | 100%       | 34.123-3             | <a href="#">TP-030052</a>   |                    |             |     |     |
| 2021 | 41007     | Testing of Extended Robut Header Compression              | Rel-4    | T1             | No      | Ext-RoHC       | 18/09/2002 | 30/09/2003 | 100%       | 34.123-1, -2         | <a href="#">TP-030052</a>   |                    |             |     |     |
| 2022 | 41008     | <i>Deleted - Testing of Extended Robut Header Com</i>     | Rel-4    | T1             | No      |                | 18/09/2002 | 16/12/2003 | 100%       | 34.123-3             | <a href="#">TP-030052</a>   |                    |             |     |     |
| 2023 | 41009     | <i>Deleted - General changes to TS34.121 correspor</i>    | Rel-4    | T1             | No      | RANimp-test    | 03/03/2003 | 03/03/2004 | 100%       | 34.108, 34.121       |                             |                    |             |     |     |
| 2024 | 401652    | <b>Rel-4 Emergency call enhancements</b>                  | NA       | N1             | No      | EMC1           | 03/01/2000 | 28/05/2002 | 100%       |                      |                             | Ericsson           |             |     |     |

| ID   | Jnique_IC | Name   | Release | Resource Names | Modifie | Acronym           | Start      | Finish     | % Complete | Impacted TSs and TRs | Hyperlink                  | WI rapporteur name    | Qtr 1, 2009 |     |     |
|------|-----------|--|---------|----------------|---------|-------------------|------------|------------|------------|----------------------|----------------------------|-----------------------|-------------|-----|-----|
|      |           |  |         |                |         |                   |            |            |            |                      |                            |                       | Nov         | Jan | Mar |
| 2025 | 1654      | <b>For CS based calls</b>                                | Rel-4   | N1             | No      | EMC1-CS           | 03/01/2000 | 28/05/2002 | 100%       |                      | <a href="#">NP-010136</a>  | Ericsson              |             |     |     |
| 2026 | 1320      | Distinction in CS domain of emergency call types to      | Rel-4   | S1             | No      |                   | 01/05/2000 | 23/06/2000 | 100%       |                      |                            |                       |             |     |     |
| 2027 | 1999      | Distinction in CS domain of emergency calls to diffi     | Rel-4   | N1             | No      |                   | 24/08/2000 | 22/09/2000 | 100%       |                      |                            |                       |             |     |     |
| 2028 | 402224    | <i>Deleted - Conformance Test Aspects - Emergency</i>    |         | T1             | No      |                   | 03/01/2000 | 28/07/2000 | 100%       |                      |                            |                       |             |     |     |
| 2029 | 2226      | Testing CS based emergency calls                         |         | T1             | No      |                   | 25/02/2002 | 28/05/2002 | 100%       | 34.123-1             | <a href="#">TP-030052</a>  |                       |             |     |     |
| 2030 | 2563      | Testing CS based emergency calls - TTCN                  |         | T1             | No      |                   | 22/11/2001 | 28/05/2002 | 100%       | 34.123-3             | <a href="#">TP-030052</a>  |                       |             |     |     |
| 2031 | 401826    | <b>Rel-4 Terminal interfaces</b>                         | NA      | T2             | No      | TI                | 03/01/2000 | 15/03/2001 | 100%       |                      | <a href="#">not needed</a> |                       |             |     |     |
| 2032 | 1827      | <b>AT commands enhancements</b>                          | Rel-4   | T2             | No      | TI-ATC            | 03/01/2000 | 14/03/2001 | 100%       | 27.007               |                            |                       |             |     |     |
| 2033 | 1828      | Specification of AT commands for new services            |         | T2             | No      |                   | 03/01/2000 | 14/03/2001 | 100%       | 27.007               |                            |                       |             |     |     |
| 2034 | 1829      | <b>Wide Area Data Synchronisation</b>                    | NA      | T2             | No      | TI-WADS           | 03/01/2000 | 14/03/2001 | 100%       |                      |                            |                       |             |     |     |
| 2035 | 1830      | Continues evolution of Synchronisation protocol          | Rel-4   | T2             | No      | TI-SYNC-EVOL      | 03/01/2000 | 14/03/2001 | 100%       | 27.903, 27.103       |                            |                       |             |     |     |
| 2036 | 1832      | Terminal local model                                     | Rel-4   | T2             | No      | TLM               | 16/05/2000 | 15/03/2001 | 100%       | 23.227               | <a href="#">TP-000080</a>  | Ericsson              |             |     |     |
| 2037 | 401536    | <b>Rel-4 Location Services enhancements</b>              | NA      | S2             | No      | LCS1              | 03/04/2000 | 28/12/2001 | 100%       |                      | <a href="#">SP-010518</a>  | Nokia                 |             |     |     |
| 2038 | 2229      | CBS interactions   | Rel-4   | T2             | No      | LCS1-CBS          | 03/04/2000 | 28/12/2001 | 100%       | 23.041               |                            |                       |             |     |     |
| 2039 | 523       | LCS support in the CS domain                             | Rel-4   | S2             | No      | LCS1-CS           | 15/05/2000 | 19/01/2001 | 100%       |                      |                            |                       |             |     |     |
| 2040 | 525       | <b>LCS support in the PS domain</b>                      | Rel-4   | S2             | No      | LCS1-PS           | 01/05/2000 | 28/12/2001 | 100%       |                      |                            |                       |             |     |     |
| 2041 | 1642      | Stage 1  |         | S1             | No      |                   | 03/07/2000 | 25/08/2000 | 100%       | 22.071               |                            | Pacific Bell Wireless |             |     |     |
| 2042 | 1181      | Stage 2  |         | S2             | No      |                   | 01/05/2000 | 19/01/2001 | 100%       | 23.271               |                            |                       |             |     |     |
| 2043 | 1180      | <b>Stage 3</b>   |         | N1             | No      |                   | 21/08/2000 | 28/12/2001 | 100%       |                      |                            |                       |             |     |     |
| 2044 | 526       | Layer 3 LCS signaling UE (MS) -SGSN (UMT                 |         | N1             | No      |                   | 21/08/2000 | 28/12/2001 | 100%       |                      |                            | Nokia                 |             |     |     |
| 2045 | 2462      | MAP impacts of LCS                                       |         | N4             | No      |                   | 21/08/2000 | 30/03/2001 | 100%       |                      |                            |                       |             |     |     |
| 2046 | 527       | GTP signaling for LCS                                    |         | N4             | No      |                   | 21/08/2000 | 30/03/2001 | 100%       |                      |                            |                       |             |     |     |
| 2047 | 401600    | <b>UE positioning Rel-4</b>                              | NA      | RP             | No      | LCS1-UEpos        | 03/04/2000 | 30/03/2001 | 100%       |                      | <a href="#">RAN_Wis</a>    |                       |             |     |     |
| 2048 | 1601      | lub/lur interfaces for methods Rel 99                    | Rel-4   | R3             | No      | LCS1-UEpos-lublur | 03/04/2000 | 30/03/2001 | 100%       |                      | <a href="#">RAN_Wis</a>    | Ericsson              |             |     |     |
| 2049 | 1602      | UE positioning enhancements - IPDL for TDD               | Rel-4   | R2             | No      | LCS1-UEpos-enh    | 28/08/2000 | 23/03/2001 | 100%       |                      | <a href="#">RAN_Wis</a>    | Siemens               |             |     |     |
| 2050 | 401560    | <b>Rel-4 UICC(U)SIM enhancements and in</b>              | NA      | T3             | No      | UICC1             | 24/07/2000 | 23/03/2001 | 100%       |                      | <a href="#">not needed</a> |                       |             |     |     |
| 2051 | 1799      | Common PCN Handset Specification (CPHS)                  | Rel-4   | T3             | No      | UICC1-CPHS        | 24/07/2000 | 23/03/2001 | 100%       | 27.103               | <a href="#">TP-000116</a>  | One2One               |             |     |     |
| 2052 | 401800    | <b>Rel-4 (U)SIM toolkit enhancements</b>                 | NA      | T3             | No      | USAT1             | 05/06/2000 | 23/03/2001 | 100%       |                      | <a href="#">not needed</a> |                       |             |     |     |
| 2053 | 2034      | USAT local link  | Rel-4   | T3             | No      | USAT1-LocLnk      | 05/06/2000 | 23/03/2001 | 100%       |                      | <a href="#">TP-000155</a>  | Gemplus               |             |     |     |
| 2054 | 401571    | <b>Rel-4 Security enhancements</b>                       | NA      | S3             | No      | SEC1              | 03/01/2000 | 15/03/2002 | 100%       |                      | <a href="#">SP-000421</a>  | Vodafone              |             |     |     |
| 2055 | 1587      | Evolution of GSM CS algorithms (e.g. A5/3 developmer     | Rel-4   | S3             | No      | SEC1-CSALGO1      | 03/01/2000 | 15/01/2001 | 100%       |                      | <a href="#">SP-000306</a>  |                       |             |     |     |
| 2056 | 1588      | <b>Evolution of GSM PS algorithms (e.g. GEA 2 deploy</b> | Rel-4   | S3             | No      | SEC1-PSALGO1      | 22/02/2000 | 22/12/2000 | 100%       |                      | <a href="#">SP-000307</a>  |                       |             |     |     |
| 2057 | 1589      | Main aspects   |         | S3             | No      |                   | 22/02/2000 | 24/11/2000 | 100%       |                      |                            |                       |             |     |     |
| 2058 | 1618      | Impact on GTP  |         | N4             | No      |                   | 20/03/2000 | 22/12/2000 | 100%       |                      |                            |                       |             |     |     |
| 2059 | 1661      | GEA capability indication in MS CM                       |         | N1             | No      | SEC1-PSALGO1-GE   | 19/06/2000 | 22/12/2000 | 100%       |                      |                            | Vodafone Airtouch     |             |     |     |
| 2060 | 401583    | <i>Deleted - MAP application layer security</i>          | Rel-4   | S3             | No      | SEC1-MAPAL        | 03/01/2000 | 15/03/2002 | 100%       |                      |                            |                       |             |     |     |
| 2061 | 401584    | <i>Deleted - Main aspects</i>                            |         | S3             | No      |                   | 21/02/2000 | 29/03/2001 | 100%       |                      |                            |                       |             |     |     |
| 2062 | 402025    | <i>Deleted - Other stage 3 aspects</i>                   |         | N4             | No      |                   | 22/02/2000 | 24/11/2000 | 100%       |                      |                            |                       |             |     |     |
| 2063 | 401594    | <i>Deleted - CHECK STATUS - Visibility and Configu</i>   | Rel-5   | S3             | No      | SEC1-VCS          | 03/01/2000 | 15/03/2002 | 100%       |                      | <a href="#">SP-000305</a>  | France Telecom        |             |     |     |
| 2064 | 401142    | <b>Rel-4 Charging and OAM&amp;P</b>                      | Rel-4   | S5             | No      | OAM               | 01/12/2000 | 05/10/2001 | 100%       | 32-series            | <a href="#">SP-010461</a>  | Stream, Motorola      |             |     |     |
| 2065 | 2089      | Rel4 Principles, high level Requirements and Architectu  | Rel-4   | S5             | No      | OAM-AR/PR         | 01/12/2000 | 21/06/2001 | 100%       | 32.101, 32.102       | <a href="#">SP-010461</a>  | Motorola, Telia       |             |     |     |
| 2066 | 2088      | Rel4 Performance Management                              | Rel-4   | S5             | No      |                   | 01/12/2000 | 28/09/2001 | 100%       | 32.4xy, 52.402       | <a href="#">SP-010238</a>  | T-Mobile              |             |     |     |
| 2067 | 2081      | Fault Management   | Rel-4   | S5             | No      |                   | 01/12/2000 | 05/10/2001 | 100%       | 32.111-1/4           | <a href="#">SP-000524</a>  | Lucent                |             |     |     |
| 2068 | 2082      | Configuration Management                                 | Rel-4   | S5             | No      | OAM-CM            | 01/12/2000 | 21/06/2001 | 100%       | 32.106-1/8           | <a href="#">SP-000524</a>  | Ericsson              |             |     |     |

| ID   | Jnique_IC | Name  | Release      | Resource Names | Modifie   | Acronym        | Start             | Finish            | % Complete  | Impacted TSs and TRs | Hyperlink                 | WI rapporteur name | Qtr 1, 2009 |     |     |
|------|-----------|---|--------------|----------------|-----------|----------------|-------------------|-------------------|-------------|----------------------|---------------------------|--------------------|-------------|-----|-----|
|      |           |   |              |                |           |                |                   |                   |             |                      |                           |                    | Nov         | Jan | Mar |
| 2069 | 2083      | Rel4 Charging Management                              | Rel-4        | S5             | No        | OAM-CH         | 01/12/2000        | 28/09/2001        | 100%        | 32.2xy (Charging)    | <a href="#">SP-000524</a> | T-Mobile           |             |     |     |
| 2070 | 2071      | UTRAN Operations and Maintenance procedures           | Rel-4        | S5             | No        | UOAM           | 01/12/2000        | 21/06/2001        | 100%        | 32.800               | <a href="#">SP-000524</a> | inesmann Mobilfunk |             |     |     |
| 2071 | 1517      | <b>Global Text Telephony</b>                          | <b>Rel-4</b> | <b>S2</b>      | <b>No</b> | <b>GTT</b>     | <b>01/01/2000</b> | <b>31/12/2008</b> | <b>100%</b> |                      | <a href="#">SP-010340</a> | <b>Ericsson</b>    |             |     |     |
| 2072 | 1634      | Stage 1   |              | S1             | No        | GTT            | 05/04/2000        | 22/12/2000        | 100%        | 22.976, 22.226       |                           |                    |             |     |     |
| 2073 | 1519      | Stage 2   |              | S2             | No        | GTT            | 03/01/2000        | 13/10/2000        | 100%        | 23.226               |                           |                    |             |     |     |
| 2074 | 2234      | <b>Specification of Cellular Text telephone Modem</b> |              | <b>S4</b>      | <b>No</b> | <b>GTT-CTM</b> | <b>11/09/2000</b> | <b>19/03/2001</b> | <b>100%</b> |                      |                           |                    |             |     |     |
| 2075 | 2238      | General description and C-code                        |              | S4             | No        | GTT-CTM        | 11/09/2000        | 11/12/2000        | 100%        | 26.226, 26.230       |                           |                    |             |     |     |
| 2076 | 2237      | Minimum Performance requirements                      |              | S4             | No        | GTT-CTM        | 11/09/2000        | 19/03/2001        | 100%        | 26.231               |                           |                    |             |     |     |
| 2077 | 1852      | Conformance Test Aspects - Global Text telephony      |              | R5             | No        | GTT_Test       | 01/01/2000        | 31/12/2008        | 100%        | 34.125               |                           |                    |             |     |     |



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|                   |  |                          |  |                              |  |                    |  |
|-------------------|--|--------------------------|--|------------------------------|--|--------------------|--|
| Critical          |  | Baseline Split           |  | Rolled Up Critical Progress  |  | External Tasks     |  |
| Critical Split    |  | Baseline Milestone       |  | Rolled Up Task               |  | Project Summary    |  |
| Critical Progress |  | Milestone                |  | Rolled Up Split              |  | External Milestone |  |
| Task              |  | Summary Progress         |  | Rolled Up Task Progress      |  | Deadline           |  |
| Split             |  | Summary                  |  | Rolled Up Baseline           |  |                    |  |
| Task Progress     |  | Rolled Up Critical       |  | Rolled Up Baseline Milestone |  |                    |  |
| Baseline          |  | Rolled Up Critical Split |  | Rolled Up Milestone          |  |                    |  |