**3GPP TSG-SA WG1 Meeting #92e**

**Electronic Meeting, 10 – 19 Nov 2020**

# tdoc list SA1#92e version Nov 17th

REVISION NEEDED (SORTED BY COMPANY)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Tdoc # | Source | Title | Type | Spec | WI | Discussion | Rev numb |
| **[S1-204211](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204211.zip)** | Apple | FS\_Resident: New use case on Provisioning Third-party Residential Gateway and Indoor gNB | pCR | [**22.858**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3772) | [**FS\_Resident**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880040) | S1-204211r4 agreed | **S1-204433** |
| [**S1-204176**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204176.zip) | Beijing Xiaomi Electronics | FS\_VMR-Use\_Case-Provide Location service to a UE attached to the relay mounted in the vehicle | pCR | [**22.839**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3830) | [**FS\_VMR**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=890022) | S1-204176r1 agreed | **S1-204459** |
| [**S1-204099**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204099.zip) | Beijing Xiaomi Mobile Software | FS\_Ranging Security and authorization issues | pCR | [**22.855**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3771) | [**FS\_Ranging**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880039) | S1-204099r4: agreed | **S1-204428** |
| [**S1-204149**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204149.zip) | CATT | Use case for multiple working modes of vehicle mounted base station | pCR | [**22.839**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3830) | [**FS\_VMR**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=890022) | S1-204149r2 agreed | **S1-204455** |
| [**S1-204150**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204150.zip) | CATT | Use case for continuous connection via bus mounted base station | pCR | [**22.839**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3830) | [**FS\_VMR**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=890022) | S1-204150r3 agreed | **S1-204458** |
| [**S1-204095**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204095.zip) | CEPRI, ZTE Corporation, China Telecom | Update to Advanced Metering UC | pCR | [**22.867**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3770) | [**FS\_5GSEI**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880038) | S1-204095r2 agreed | **S1-204417** |
| [**S1-204098**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204098.zip) | CEPRI, ZTE Corporation, China Telecom | Update to distributed automation UC | pCR | [**22.867**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3770) | [**FS\_5GSEI**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880038) | S1-204098r1 agreed | **S1-204418** |
| [S1-204340](https://etsihq-my.sharepoint.com/personal/alain_sultan_etsi_org/Documents/Documents/3GPP/SA1/2020/SA1_92e/docs/S1-204340.zip) | CEPRI, ZTE Corporation, China Telecom | Use case of Smart Distribution Transformer Terminal | pCR | 22.867 |  | S1-204340r2: agreed | **S1-204421** |
| [**S1-204116**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204116.zip) | China Mobile Com. Corporation | FS\_MMTELin5G Add requirements to use case on Conference call with AR holography | pCR | [**22.873**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3697) | [**FS\_MMTELin5G**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=850042) | S1-204116r7 agreed | **S1-204390** |
| [**S1-204117**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204117.zip) | China Mobile Com. Corporation | FS\_MMTELin5G Use case on AR call | pCR | [**22.873**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3697) | [**FS\_MMTELin5G**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=850042) | S1-204117r4 agreed | **S1-204391** |
| [**S1-204114**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204114.zip) | China Mobile Com. Corporation, Xiaomi | Study on supporting tactile and multi-modality communication services in 5GS (FS\_TMMin5GS) | SID new |  |  | 4114r2: agreed | **S1-204384** |
| [**S1-204139**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204139.zip) | China Telecom | Clarification on museum tour requirement | pCR | [**22.855**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3771) | [**FS\_Ranging**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880039) | S1-204139r1 agreed | **S1-204425** |
| [**S1-204147**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204139.zip) | China Telecom | Existing feature analysis on QoS maintenance use case | pCR | [**22.858**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3772) | [**FS\_Resident**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880040) | S1-204147r2 agreed | **S1-204431** |
| [**S1-204105**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204105.zip) | China Telecom, CEPRI, ZTE Corporation | UC of Isolation for Smart Grid Applications | pCR | [**22.867**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3770) | [**FS\_5GSEI**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880038) | S1-204105r5 : Agreed | **S1-204422** |
| [**S1-204031**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204031.zip) | China Telecommunications | Use Case of AI Model Management as a Service | pCR | [**22.874**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3721) | [**FS\_AMMT**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860009) | S1-204031r7 : Agreed | **S1-204403** |
| [**S1-204073**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204073.zip) | Deutsche Telekom AG | reply LS to SA2 on extending PLMN selection to include SNPN selection for UEs with a PLMN subscription | LS out |  |  | 4073r4 agreed | **S1-204382** |
| [**S1-204008**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204008.zip) | Ericsson, Vivo | Reply LS to SA2 on Use Cases for providing IMS services to SNPN | LS out |  |  | 4008r4 Agreed without the sentence " In this situation an Access Network operator is an SNPN." | **S1-204381** |
| [**S1-204262**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204262.zip) | Hansung University | Emergency use case of smart station - fire in station | pCR | [**22.890**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3699) | [**FS\_RAILSS**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=850044) | S1-204262r3 : rev on rev to be removed. Qualcomm prefer to leave the requirements as "FFS" at this stage. Or at least an editor's note to state that they need to be further discussed.  S1-204262r3 agreed with editor's note. | **S1-204393** |
| [**S1-204271**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204271.zip) | Hansung University | SID\_FS\_RAILSS update | SID revised |  | [**FS\_RAILSS**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=850044) | 4271r2 agreed. | **S1-204385** |
| [**S1-204170**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204170.zip) | HUAWEI TECHNOLOGIES Co. Ltd. | Clarification on use case 5.4 | pCR | [**22.858**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3772) | [**FS\_Resident**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880040) | S1-204170r6 agreed | **S1-204429** |
| [**S1-204172**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204172.zip) | HUAWEI TECHNOLOGIES Co. Ltd. | Claification on use case 5.5 | pCR | [**22.858**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3772) | [**FS\_Resident**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880040) | S1-204172r7 agreed | **S1-204465** |
| [**S1-204174**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204174.zip) | HUAWEI TECHNOLOGIES Co. Ltd. | New use case on E2E QoS monitoring | pCR | [**22.858**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3772) | [**FS\_Resident**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880040) | S1-204174r2 agreed | **S1-204432** |
| [**S1-204209**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204209.zip) | Huawei Technologies R&D UK | Use case on real-time screen sharing during a call | pCR | [**22.873**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3697) | [**FS\_MMTELin5G**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=850042) | S1-204209r2 Agreed | **S1-204392** |
| [**S1-204111**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204111.zip) | Huawei, CMCC, Tencent | Update service scenario for disjoint network slices | pCR | [**22.835**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3777) | [**FS\_EASNS**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880035) | Qualcomm ask for the relationship between slices and operators to be clarified. | **S1-204410** |
| [**S1-204196**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204196.zip) | Huawei,Huawei Device | Finding pets in a long distance based on energy efficient ranging | pCR | [**22.855**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3771) | [**FS\_Ranging**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880039) | S1-204196r1 agreed | **S1-204427** |
| [**S1-204127**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204127.zip) | Intel | Update of Use Case of UE accessing Services of PIN Devices at home | pCR | [**22.859**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3773) | [**FS\_PIN**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880041) | S1-204127r5: agreed | **S1-204441** |
| [**S1-204217**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204217.zip) | Intel | Use Case for UEs using home network service via hosting network | pCR | [**22.844**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3831) | [**FS\_PALS**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=890023) | S1-204217r4 agreed | **S1-204447** |
| [**S1-204219**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204219.zip) | Intel | Use Case for UEs using on demand services via hosting network | pCR | [**22.844**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3831) | [**FS\_PALS**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=890023) | S1-204219r3 agreed | **S1-204448** |
| [**S1-204123**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204123.zip) | Intel Corporation, Deutsche Telekom AG, Tencent, Affirmed Network, AT&T, Sandvine, Convida Wireless, InterDigital, KPN, Verizon UK Ltd., KDDI, Vodafone, Telecom Italia, Cisco, b<>com, Spirent Communications, Matrixx | Work Item on Support for Service Function Chaining in 5G System | WID new |  |  | S1-204123r6: no objection | **S1-204386** |
| [**S1-204124**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204124.zip) | Intel, Deutsche Telekom AG, Convida Wireless, KDDI, Matrixx | Service requirements for enabling SFC service support | CR | [**22.101**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=605) | [**DUMMY**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=699999) | S1-204124r3: clause affected and cover page to be cleaned up | **S1-204387** |
| [**S1-204125**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204125.zip) | Intel, Deutsche Telekom AG, Convida Wireless, KDDI, Matrixx | Service requirements for enabling service function chaining support in 5GS | CR | [**22.261**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | [**DUMMY**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=699999) | 4125r5: agreed with one objection.  Agreed with following chages on the cover page:  Reason for change:  Enhancing service function chainging in 5G network [delete: network to address objectives in agreed WID in S1-204123].  Summary of change: [delete: Based on the objectives of this WID, ] this CR proposes to add the following aspects for service requriements:  And change over change to be removed. | **S1-204388** |
| [**S1-204126**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204126.zip) | Intel, Deutsche Telekom AG, Convida Wireless, KDDI, Matrixx | Charging Service requirements for enabling SFC service support | CR | [**22.115**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=608) | [**DUMMY**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=699999) | S1-204126r2 agreed:  Agreed with following change: Charging for Flexible Mobile Service Steering The 3GPP core network shall be able to generate charging information to support accounting between operator and the third party service provider when operators use traffic steering policies to steer traffic to appropriate | **S1-204389** |
| [**S1-204013**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204013.zip) | InterDigital | FS\_AMMT – Removal of Editor’s Notes on other DNN models for the use-case on real time media editing with on-board AI inference | pCR | [**22.874**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3721) | [**FS\_AMMT**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860009) | S1-204013r2 agreed | **S1-204395** |
| [**S1-204015**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204015.zip) | InterDigital | FS\_AMMT – Updating of new requirements and KPIs for the use-case on real time media editing with on-board AI inference | pCR | [**22.874**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3721) | [**FS\_AMMT**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860009) | S1-204015r3 agreed. | **S1-204396** |
| [**S1-204038**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204038.zip) | InterDigital | FS\_PIN: New use case: UE accessing PIN applications hosted by 5G enabled gateways | pCR | [**22.859**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3773) | [**FS\_PIN**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880041) | S1-204038r6 (o: Huawei) .  Agreed with adding:  “Editor’s Note: The relationship between service hosting environment and PIN element needs to be clarified. ” | **S1-204443** |
| [**S1-204264**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204264.zip) | InterDigital | FS\_Resident: Use case on seamless switching from a UE-to-UE direct communication to an indirect communication via a residential gateway | pCR | [**22.858**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3772) | [**FS\_Resident**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880040) | S1-204264r6 agreed | **S1-204435** |
| [**S1-204265**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204265.zip) | InterDigital | FS\_Resident: Use case on seamless switching to a service hosting environment via a residential gateway | pCR | [**22.858**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3772) | [**FS\_Resident**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880040) | S1-204265r5 agreed | **S1-204436** |
| [**S1-204175**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204175.zip) | KPN | FS\_PIN Use case Broadcast service discovery | pCR | [**22.859**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3773) | [**FS\_PIN**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880041) | S1-204175r4 : OK | **S1-204444** |
| [**S1-204181**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204181.zip) | KPN | Use case on 5G LAN scalability | pCR | [**22.858**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3772) | [**FS\_Resident**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880040) | S1-204181r3 agreed | **S1-204434** |
| [**S1-204268**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204268.zip) | KPN | Definition of terminology on indoor base station | pCR | [**22.858**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3772) | [**FS\_Resident**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880040) | S1-204268r2 agreed | **S1-204437** |
| [**S1-204089**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204089.zip) | KRRI | Autonomous Train Control and Operation | pCR |  |  | S1-204089r4 agreed | **S1-204413** |
| [**S1-204090**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204090.zip) | KRRI | Virtual Coupling | discussion |  |  | S1-204090r4 agreed | **S1-204414** |
| [**S1-204016**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204016.zip) | LG Electronics | Update of section 5.1 | other |  |  | Rev2 agreed. | **S1-204409** |
| [**S1-204113**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204113.zip) | LG Electronics Inc. | Update for Data Transfer Disturbance in Multi-agent multi-device ML | pCR | [**22.874**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3721) | [**FS\_AMMT**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860009) | S1-204113r5 : agreed. | **S1-204397** |
| [**S1-204083**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204083.zip) | Nokia, Nokia Shanghai Bell | FS\_5TRS: addition to overview | pCR | [**22.878**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3769) | [**FS\_5TRS**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880037) | S1-204083r3 provided. Rev4 agreed. | **S1-204415** |
| [**S1-204084**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204084.zip) | Nokia, Nokia Shanghai Bell | Use case on timing and timing resiliency delivery to financial sector | pCR | [**22.878**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3769) | [**FS\_5TRS**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880037) | S1-204084r3 agreed | **S1-204416** |
| [**S1-204087**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204087.zip) | Nokia, Nokia Shanghai Bell | FS\_EASNS: Use case for application-based preference and its associated network slice for cell (re-)selection. | pCR | [**22.835**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3777) | [**FS\_EASNS**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880035) | S1-204087r4 : agreed | **S1-204412** |
| [**S1-204186**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204186.zip) | NTT DOCOMO | Clarification of a steering of roaming requirement | CR | [**22.261**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | [**eCPSOR\_CON**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880049) | S1-204186r7 agreed | **S1-204377** |
| [**S1-204187**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204187.zip) | NTT DOCOMO | Clarification of a steering of roaming requirement | CR | [**22.261**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3107) | [**eCPSOR\_CON**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880049) | S1-204187r1 : agreed (based on 4186r7) | **S1-204378** |
| [**S1-204266**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204266.zip) | NTT DOCOMO INC. | [DRAFT] Reply LS to CT1 on high priority service exempt from release due to SOR | LS out |  |  | The core text of the LS can be made simpler since the LS will include the CRs. | **S1-204376** |
| [**S1-204152**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204152.zip) | OPPO | Updates to AMMT use case – Split image recognition | pCR | [**22.874**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3721) | [**FS\_AMMT**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860009) | S1-204152r2 agreed | **S1-204394** |
| [**S1-204154**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204154.zip) | OPPO | Updates to AMMT use case – AI/ML model downloading for image recognition | pCR | [**22.874**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3721) | [**FS\_AMMT**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860009) | S1-204154r7 agreed | **S1-204398** |
| [**S1-204155**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204155.zip) | OPPO | Updates to AMMT use case – AI/ML model downloading for speech recognition | pCR | [**22.874**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3721) | [**FS\_AMMT**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860009) | S1-204155r1 agreed | **S1-204399** |
| [**S1-204157**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204157.zip) | OPPO | Requirement of touchless self-checkout machine control | pCR | [**22.855**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3771) | [**FS\_Ranging**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880039) | S1-204157r2 agreed | **S1-204426** |
| [**S1-204159**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204159.zip) | OPPO | Update to Session-specific model transfer split computation decision operation | pCR | [**22.874**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3721) | [**FS\_AMMT**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860009) | S1-204159r6 : agreed | **S1-204402** |
| [**S1-204226**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204226.zip) | Philips International B.V. | FS\_PIN New use case personal health | pCR | [**22.859**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3773) | [**FS\_PIN**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880041) | S1-204226r4 agreed | **S1-204442** |
| [**S1-204223**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204223.zip) | Qualcomm | Use case: access control, permission and policies | pCR | [**22.839**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3830) | [**FS\_VMR**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=890022) | S1-204223r2 agreed | **S1-204453** |
| [**S1-204235**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204235.zip) | Qualcomm | Use case: access control, app based user authorization | pCR | [**22.839**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3830) | [**FS\_VMR**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=890022) | S1-204235r2 agreed | **S1-204454** |
| [**S1-204239**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204239.zip) | Qualcomm | Use case: mobility between relays, user inside vehicle | pCR | [**22.839**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3830) | [**FS\_VMR**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=890022) | S1-204239r1 agreed | **S1-204456** |
| [**S1-204241**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204241.zip) | Qualcomm | Use case: mobility of relay between macro, user inside vehicle | pCR | [**22.839**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3830) | [**FS\_VMR**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=890022) | S1-204241r1 agreed | **S1-204457** |
| [**S1-204230**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204230.zip) | QUALCOMM Europe Inc. - Spain | New use case: automatic discovery and selection | pCR | [**22.844**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3831) | [**FS\_PALS**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=890023) | S1-204230r2 agreed | **S1-204449** |
| [**S1-204231**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204231.zip) | QUALCOMM Europe Inc. - Spain | New use case: in venue discovery and registration | pCR | [**22.844**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3831) | [**FS\_PALS**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=890023) | S1-204231r4 (o: DT) :  OK with removal of first 2 reqs and with adding “Editor's Note: Further requirements corresponding to steps 1 to 4 in the service flow might be needed and are FFS.” | **S1-204450** |
| [**S1-204221**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204221.zip) | Qualcomm Incorporated | Text proposal for Overview section | pCR | [**22.839**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3830) | [**FS\_VMR**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=890022) |  | **S1-204451** |
| [**S1-204222**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204222.zip) | Qualcomm Incorporated | Use case: support of relay operation, activation and basic configuration | pCR | [**22.839**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3830) | [**FS\_VMR**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=890022) | S1-204222r2 agreed | **S1-204452** |
| [**S1-204243**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204243.zip) | Qualcomm Incorporated | Draft TP for section on Other considerations | pCR | [**22.839**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3830) | [**FS\_VMR**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=890022) | S1-204243r1 agreed | **S1-204460** |
| [**S1-204245**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204245.zip) | Qualcomm Incorporated | Update of Use case on enhanced media recognition | pCR | [**22.874**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3721) | [**FS\_AMMT**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860009) | S1-204245r2 : agreed. | **S1-204400** |
| [**S1-204246**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204246.zip) | Qualcomm Incorporated | Update of Use case on media quality enhancement | pCR | [**22.874**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3721) | [**FS\_AMMT**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860009) | S1-204246r3 agreed. | **S1-204401** |
| [**S1-204252**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204252.zip) | Qualcomm Incorporated | Draft LS to CT1 (cc SA2, RAN2) reply on Satellite RAT for PLMN-RAT selection | LS out |  |  | S1-204252r2 : agreed, clean-up needed + add CR+ "possible associated access" | **S1-204379** |
| [**S1-204193**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204193.zip) | Samsung | FS\_5GET: Regulations at borders | pCR | [**22.926**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3722) | [**FS\_5GET**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860010) | S1-204193r3 provided | **S1-204405** |
| [**S1-204199**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204199.zip) | Samsung | Gateway vs. End to End Security Use Case | pCR | [**22.867**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3770) | [**FS\_5GSEI**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880038) | Orig. version Agreed with the following change: “[PR5.x.6-1] The 5G system shall enable support of a mechanism to support authentication and secured communication between the 5G system Core Network and a 3rd party’s application function, in order to provide secure end to end communication service." | **S1-204423** |
| [**S1-204046**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204046.zip) | Samsung R&D Institute UK | FS\_AMMT: Flocking Use Case | pCR | [**22.874**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3721) | [**FS\_AMMT**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860009) | 4046r9 agreed | **S1-204404** |
| [**S1-204053**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204053.zip) | Samsung R&D Institute UK | Updated SA1 ToR, using new template | ToR |  |  | S1-204053r3 agreed | **S1-204461** |
| [**S1-204200**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204200.zip) | Samsung, EUTC | QoS Monitoring and Reporting Mechanisms | pCR | [**22.867**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3770) | [**FS\_5GSEI**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880038) | Rev3 agreed | **S1-204424** |
| [**S1-204201**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204201.zip) | Samsung, EUTC | Update: Smart Energy Differentiated QoS for Transported Encrypted Data | pCR | [**22.867**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3770) | [**FS\_5GSEI**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880038) | Rev3 agreed | **S1-204420** |
| [**S1-204198**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204198.zip) | Samsung, EUTC, Vodafone | Update to Remote DSO management of connectivity for Smart Energy Use Case | pCR | [**22.867**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3770) | [**FS\_5GSEI**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880038) | Rev8 presented: agreed | **S1-204419** |
| [**S1-204030**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204030.zip) | Tencent, China Unicom | Update to Use Case 5.7 for FS\_EANS | pCR | [**22.835**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3777) | [**FS\_EASNS**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880035) | S1-204030r2 agreed | **S1-204411** |
| [**S1-204197**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204197.zip) | TNO, Thales | FS\_GET Feature affected by Extraterritoriality - PWS | pCR | [**22.926**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3722) | [**FS\_5GET**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860010) | S1-204197r3 provided | **S1-204406** |
| [**S1-204224**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204224.zip) | TNO, Thales | FS\_GET Feature affected by Extraterritoriality – Emergency calls | pCR | [**22.926**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3722) | [**FS\_5GET**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860010) | S1-204224r1 provided | **S1-204407** |
| [**S1-204228**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204228.zip) | TNO, Thales | FS\_GET Feature affected by Extraterritoriality – lawful intercept | pCR | [**22.926**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3722) | [**FS\_5GET**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=860010) | S1-204228r1 provided | **S1-204408** |
| **[S1-204034](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204034.zip)** | Union Inter. Chemins de Fer | Study on FRMCS Evolution (FS\_eFRMCS) | SID new |  |  | 4034r3 Agreed + list of supporting companies to be updated. | **S1-204383** |
| [**S1-204061**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204061.zip) | vivo Mobile Com. (Chongqing) | FS\_PIN Updating the media share use case | pCR | [**22.859**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3773) | [**FS\_PIN**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880041) | S1-204061r6 agreed | **S1-204438** |
| **[S1-204062](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204062.zip)** | vivo Mobile Com. (Chongqing) | FS\_PIN Updating Criteria aspect for non-operator managed spectrum for use case 5.4 | pCR | [**22.859**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3773) | [**FS\_PIN**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880041) | S1-204062r1 agreed | **S1-204439** |
| [**S1-204064**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204064.zip) | vivo Mobile Com. (Chongqing) | FS\_PIN Updating statistics aspect for non-operator managed spectrum for use case 5.4 | pCR | [**22.859**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3773) | [**FS\_PIN**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880041) | S1-204064r3 agreed | **S1-204440** |
| [**S1-204067**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204067.zip) | vivo Mobile Com. (Chongqing) | PINs –PIN definition updates | pCR | [**22.859**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3773) | [**FS\_PIN**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=880041) | S1-204067r5 agreed | **S1-204445** |
| [**S1-204070**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204070.zip) | vivo Mobile Com. (Chongqing) | Reply LS to CT1 (cc SA3) on MuDe functionality | LS out |  |  | S1-204070r1 agreed | **S1-204380** |
| [**S1-204075**](https://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_92_Electronic_Meeting/Docs/S1-204075.zip) | vivo Mobile Com. (Chongqing) | new use case for roaming service for FS\_PALS | pCR | [**22.844**](http://portal.3gpp.org/desktopmodules/Specifications/SpecificationDetails.aspx?specificationId=3831) | [**FS\_PALS**](http://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=890023) | S1-204075r3 agreed | **S1-204446** |