**3GPP TSG-SA WG1 Meeting #108 S1-24xxxx**

**Orlando, Florida, USA, 18-22 November 2024**

Title: Drafting Agenda Satellite

Ag. Item: 10.1

Source: Drafting chair

Contact: Jose Luis Almodovar Chico

**MEETING ROOMS:**

**Plenary/Drafting: Sago**

Breakout: Citron West

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|  |  | **Tuesday** | **Wednesday** |
| **Q0** | **08:00****09:00** | **Drafting 1:**Satellite =================**Drafting 2:**FRMCS +Energy Serv | **Drafting 1:**Satellite =================**Drafting 2:**Energy Serv |
| **Q1** | **09:00****10:30** | **Drafting 1:**Satellite =================**Drafting 2:**Energy Serv | **Drafting 1:**Satellite =================**Drafting 2:**Energy Serv |

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| FS\_5GSAT\_Ph4 [[SP-240495](https://www.3gpp.org/ftp/TSG_SA/TSG_SA/TSGS_103_Maastricht_2024-03/Docs/SP-240495.zip)] |
| **Work status prior to this meeting:**Rapporteur: Thierry Bérisot (Novamint), Xu Xia (China Telecom)Latest version: [TR22.887v0.2.0](https://ftp.3gpp.org/Specs/archive/22_series/22.887/22887-020.zip)Target completion date: SA#107 (03/2025)Percentage completion: 60% |
| General |
| Cont | [S1-244097](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244097.zip) | NOVAMINT | Pseudo-CR on scope section of TR22887 | Revised to S1-244562 |  |
| Cont | [S1-244562](file:///D%3A%5CTSGS1_108_Orlando%5Cdocs%5CS1-244562.zip) | NOVAMINT | Pseudo-CR on scope section of TR22887 |  | Revision of S1-244097. |
| Cont | [S1-244098](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244098.zip) | NOVAMINT | Pseudo-CR on overview update of TR22887 | Revised to S1-244563 |  |
| Cont | [S1-244563](file:///D%3A%5CTSGS1_108_Orlando%5Cdocs%5CS1-244563.zip) | NOVAMINT | Pseudo-CR on overview update of TR22887 |  | Revision of S1-244098. |
| Cont | [S1-244099](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244099.zip) | NOVAMINT, Viasat, Inmarsat | Pseudo-CR on terms for TR22887 | Revised to S1-244564 |  |
| Cont | [S1-244564](file:///D%3A%5CTSGS1_108_Orlando%5Cdocs%5CS1-244564.zip) | NOVAMINT, Viasat, Inmarsat | Pseudo-CR on terms for TR22887 | Revised to S1-244655 | Revision of S1-244099. |
| Cont | [S1-244655](docs%5CS1-244655.zip) | NOVAMINT, Viasat, Inmarsat | Pseudo-CR on terms for TR22887 |  | *Revision of S1-244099.*Revision of S1-244564. |
| Cont | [S1-244331](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244331.zip) | Nokia | Update of terms to add definition of multi-orbit satellite access | Merged into S1-244564 |  |
| Former Use Cases |
| Cont | [S1-244126](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244126.zip) | CATT, ISSDU, China Mobile | Update on 5.3 use case about resilient operation | Revised to S1-244565 |  |
| Cont | [S1-244565](file:///D%3A%5CTSGS1_108_Orlando%5Cdocs%5CS1-244565.zip) | CATT, ISSDU, China Mobile | Update on 5.3 use case about resilient operation |  | Revision of S1-244126. |
| Cont | [S1-244332](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244332.zip) | Nokia, ETRI | Update of UC 5.3 to reconsider potential new requirements | Merged into S1-244565 |  |
| Cont | [S1-244333](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244333.zip) | Nokia, ETRI, Novamint | Update of UC 5.5 to consider data rate | Revised to S1-244566 |  |
| Cont | [S1-244566](file:///D%3A%5CTSGS1_108_Orlando%5Cdocs%5CS1-244566.zip) | Nokia, ETRI, Novamint | Update of UC 5.5 to consider data rate | Agreed | Revision of S1-244333.No changes on the requiremnt. |
| Cont | [S1-244127](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244127.zip) | CATT, IIT Bombay | Update on 5.6 use case about relay UE | Agreed |  |
| Cont | [S1-244334](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244334.zip) | Nokia, Novamint | Update of UC 5.7 to limit to V2N | Revised to S1-244567 |  |
| Cont | [S1-244567](file:///D%3A%5CTSGS1_108_Orlando%5Cdocs%5CS1-244567.zip) | Nokia, Novamint | Update of UC 5.7 to limit to V2N |  | Revision of S1-244334. |
| Cont | [S1-244150](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244150.zip) | China Telecom | An update on requirements on TR22.887 Use case on traffic over different orbit satellites | Agreed |  |
| Cont | [S1-244255](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244255.zip) | SES S.A., NOVAMINT, TNO, KT  | Use case on Mission Critical Services using Satellite Access with Mobile Base Station Relay | Revised to S1-244568 |  |
| Cont | [S1-244568](file:///D%3A%5CTSGS1_108_Orlando%5Cdocs%5CS1-244568.zip) | SES S.A., NOVAMINT, TNO, KT  | Use case on Mission Critical Services using Satellite Access with Mobile Base Station Relay |  | Revision of S1-244255. |
| Cont | [S1-244335](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244335.zip) | Nokia, Novamint | Editorial updates in UC 5.13 | Agreed |  |
| Cont | [S1-244336](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244336.zip) | Nokia, ETRI, Novamint | Updates of UC 5.15 to remove seamless | Agreed |  |
| Cont | [S1-244337](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244337.zip) | Nokia, ETRI | Updates of UC 5.16 to replace handover by mobility and GEO by GSO | Revised to S1-244569 |  |
| Cont | [S1-244569](file:///D%3A%5CTSGS1_108_Orlando%5Cdocs%5CS1-244569.zip) | Nokia, ETRI | Updates of UC 5.16 to replace handover by mobility and GEO by GSO |  | Revision of S1-244337.Revert the GEO to GSO change. Keep the original.  |
| Cont | [S1-244100](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244100.zip) | NOVAMINT, Viasat, Inmarsat | Pseudo-CR on update 5.16 | Revised to S1-244570 |  |
| Cont | [S1-244570](file:///D%3A%5CTSGS1_108_Orlando%5Cdocs%5CS1-244570.zip) | NOVAMINT, Viasat, Inmarsat | Pseudo-CR on update 5.16 |  | Revision of S1-244100. |
| Cont | [S1-244338](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244338.zip) | Nokia, ETRI | Updates of UC 5.18 to reconsider potential new requirements | Revised to S1-244571 |  |
| Cont | [S1-244571](file:///D%3A%5CTSGS1_108_Orlando%5Cdocs%5CS1-244571.zip) | Nokia, ETRI | Updates of UC 5.18 to reconsider potential new requirements |  | Revision of S1-244338. |
| Cont | [S1-244339](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244339.zip) | Nokia, ETRI | Updates of UC 5.19 to replace handover by mobility and GEO by GSO | Merged into S1-244572 |  |
| Cont | [S1-244101](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244101.zip) | NOVAMINT, Viasat, Inmarsat | Pseudo-CR on update 5.19 | Revised to S1-244572 |  |
| Cont | [S1-244572](file:///D%3A%5CTSGS1_108_Orlando%5Cdocs%5CS1-244572.zip) | NOVAMINT, Viasat, Inmarsat | Pseudo-CR on update 5.19 |  | Revision of S1-244101. |
| Cont | [S1-244340](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244340.zip) | Nokia, ETRI | Updates of UC 5.20 to remove unrelated pre-conditions | Merged into S1-244573 |  |
| Cont | [S1-244376](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244376.zip) | TNO | Pseudo-CR on Use case on Multi-orbit satellite backhauling with Figures | Revised to S1-244573 |  |
| Cont | [S1-244573](file:///D%3A%5CTSGS1_108_Orlando%5Cdocs%5CS1-244573.zip) | TNO | Pseudo-CR on Use case on Multi-orbit satellite backhauling with Figures |  | Revision of S1-244376.Include changes from S1-244340 |
| New Use Cases |
| Cont | [S1-244205](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244205.zip) | SKY Perfect JSAT Corporation | Connectivity served by multi satellite operators | Revised to S1-244598 |  |
| Cont | [S1-244598](file:///D%3A%5CTSGS1_108_Orlando%5Cdocs%5CS1-244598.zip) | SKY Perfect JSAT Corporation | Connectivity served by multi satellite operators | Revised to S1-244650 | Revision of S1-244205. |
| Cont | [S1-244650](file:///D%3A%5CTSGS1_108_Orlando%5Cdocs%5CS1-244650.zip) | SKY Perfect JSAT Corporation | Connectivity served by multi satellite operators |  | *Revision of S1-244205.*Revision of S1-244598. |
| Cont | [S1-244303](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244303.zip) | Inmarsat, Viasat, Novamint | Use Case on Emergency Messaging over Satellite | Revised to S1-244651 |  |
| Cont | [S1-244651](file:///D%3A%5CTSGS1_108_Orlando%5Cdocs%5CS1-244651.zip) | Inmarsat, Viasat, Novamint | Use Case on Emergency Messaging over Satellite |  | Revision of S1-244303. |
| Cont | [S1-244342](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244342.zip) | Airbus | Use case on aircraft communication services in Joint TN/NTN and multi-orbit deployments | Revised to S1-244438 |  |
| Cont | [S1-244438](file:///D%3A%5CTSGS1_108_Orlando%5Cdocs%5CS1-244438.zip) | Airbus | Use case on aircraft communication services in Joint TN/NTN and multi-orbit deployments |  | Revision of S1-244342. |
| Cont | [S1-244354](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244354.zip) | TNO | Pseudo-pCR on Use Case on combined terrestrial and multi-orbit satellite backhauling | Revised to S1-244652 |  |
| Cont | [S1-244652](file:///D%3A%5CTSGS1_108_Orlando%5Cdocs%5CS1-244652.zip) | TNO | Pseudo-pCR on Use Case on combined terrestrial and multi-orbit satellite backhauling |  | Revision of S1-244354. |
| Cont | [S1-244078](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244078.zip) | SES, NOVAMINT, Thales, ESA, Inmarsat, Viasat, EchoStar, JSAT, TNO, Gilat, Airbus, Dish Network, IIT Bombay, ETRI, ISSDU, EBU | Use case on Broadcast Services with satellite access for unregistered UEs | Revised to S1-244653 |  |
| Cont | [S1-244653](docs%5CS1-244653.zip) | SES, NOVAMINT, Thales, ESA, Inmarsat, Viasat, EchoStar, JSAT, TNO, Gilat, Airbus, Dish Network, IIT Bombay, ETRI, ISSDU, EBU | Use case on Broadcast Services with satellite access for unregistered UEs |  | Revision of S1-244078. |
| Consolidation |
| Cont | [S1-244219](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244219.zip) | Huawei | Discussion on consolidation of functional requirements for TR22.887 | Noted |  |
| Cont | [S1-244259](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244259.zip) | vivo, EchoStar, Qualcomm | Discussion paper on consolidation and normative for signle use cases | Noted |  |
| Cont | [S1-244257](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244257.zip) | EchoStar, Novamint, vivo, TereStar | Consolidation proposal on single use case Resilient Notification | Revised to S1-244656 |  |
| Cont | [S1-244656](docs%5CS1-244656.zip) | EchoStar, Novamint, vivo, TereStar | Consolidation proposal on single use case Resilient Notification | Agreed | Revision of S1-244257.Remove second change.No presentation |
| Cont | [S1-244258](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244258.zip) | vivo, EchoStar, Novamint, Qualcomm, CATT, China Mobile, Spreadtrum, UNISOC, ZTE Corporation, MediaTek Inc., Inmarsat, Viasat, Fraunhofer IIS | Consolidation proposal on IMS voice call using GEO satellite access | Revised to S1-244599 |  |
| Cont | [S1-244599](file:///D%3A%5CTSGS1_108_Orlando%5Cdocs%5CS1-244599.zip) | vivo, EchoStar, Novamint, Qualcomm, CATT, China Mobile, Spreadtrum, UNISOC, ZTE Corporation, MediaTek Inc., Inmarsat, Viasat, Fraunhofer IIS | Consolidation proposal on IMS voice call using GEO satellite access | Revised to S1-244657 | Revision of S1-244258. |
| Cont | [S1-244657](docs%5CS1-244657.zip) | vivo, EchoStar, Novamint, Qualcomm, CATT, China Mobile, Spreadtrum, UNISOC, ZTE Corporation, MediaTek Inc., Inmarsat, Viasat, Fraunhofer IIS | Consolidation proposal on IMS voice call using GEO satellite access |  | *Revision of S1-244258.*Revision of S1-244599. |
| Cont | [S1-244306](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244306.zip) | NOVAMINT | Consolidation proposal for PWS with satellite access | Noted |  |
| Cont | [S1-244319](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244319.zip) | NOVAMINT | Pseudo-CR on consolidation of TR22887 | Revised to S1-244658 |  |
| Cont | [S1-244658](docs%5CS1-244658.zip) | NOVAMINT | Pseudo-CR on consolidation of TR22887 | Agreed | Revision of S1-244319.Delete all requirements and editors note: possible alignment of terminology needed.  |
| Cont | [S1-244260](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244260.zip) | vivo, China Mobile, Qualcomm, Spreadtrum, UNISOC, MediaTek Inc., Inmarsat, Viasat, Fraunhofer IIS, EchoStar, Novamint | Enhancements for IMS-based GEO Global Call Services | Moved to 4 |  |
| Cont | [S1-244124](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244124.zip) | EchoStar, Novamint, Hispasat, TerreStar, OmniSpace, SES, TTP Plc, Thales, vivo, Qualcomm, ESA | Resilient Notification Service for 5G Satellite access to notify users about a missed mobile terminated service when the user is unreachable via satellite access. | Moved to 4 |  |
| Cont | S1-244080 | SES, Novamint, TNO | Use case on Mission Critical Services using Satellite Access with Mobile Base Station Relay | Withdrawn |  |
| Cont | S1-244121 | EchoStar, Novamint, Vivo, TerreStar | Resilient Notification Service for 5G Satellite access  | Withdrawn |  |
| FS\_ EnergyServ\_Ph2 Output |
| TR | [S1-244352](file:///D%3A%5CTSGS1_108_Orlando%5CDocs%5CS1-244352.zip) | Rapporteur (NOVAMINT) | Cover sheet of the TS 22.887 for information |  |  |
| TR |  | Rapporteur (NOVAMINT) | TR 22.883v0.3.0 Study on satellite access - Phase 4 |  |  |
| Tdoc numbers NOT allocated during drafting session (admin purposes only) |
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| Summary of drafting session |
| *Highlight the following items:;* *
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| Close |