**3GPP TSG-SA WG1 Meeting #107 S1-242399**

**Maastricht, The Netherlands, 19-23 August**

Title: Drafting Report for Satellite

Ag. Item: 11.1

Source: Drafting Chairperson

Contact: Qun Wei

Submission Guidelines

* **Submission deadlines:**
  1. Tdoc **number** and **CR number** requests:     **Friday,** 9 August 2024, 23:00 UTC
  2. Document **submission**:                                **Friday,** 9 August 2024, 23:00 UTC
* Documents that miss either deadline will be considered as **LATE** and will be given low priority
* **Tdoc numbers and CR numbers** can be reserved and documents uploaded at <https://portal.3gpp.org/> (register, then click on the "C" next to 3GPPSA1#107)
* Please use the document templates available at <https://ftp.3gpp.org/tsg_sa/WG1_Serv/TSGS1_107_Maastricht/templates>
* For CRs:
  + **TEI18 CRs will only be accepted if there is no impact to Stage 2 or Stage 3 or for alignment purposes**
  + **CRs** **MUST have a CR number** allocated by the 3GPP Portal BEFORE being submitted
  + **CRs MUST have a Work Item code**, and the WI code must be valid for the specific release (e.g. a Rel-18 CR with Rel-17 WI is not permitted, except for cat. A CR)
  + Work Item Codes for the CRs are available in the [Work Plan](https://ftp.3gpp.org/Information/WORK_PLAN) (or at <http://www.3gpp.org/ftp/Specs/html-info/TSG-WG--s1--wis.htm> )

**LEGEND**

**Doc Type**: AGE (Agenda), CC (Incoming Liaison Statement Copied to SA1), Cont (Contribution), CR (Change request), LS OUT(Outgoing Liaison Statement), TO (Incoming Liaison Statement To SA1), TR (Technical Report), TS (Technical Specification), REP (Report), WID (Work Item Description), WP (Work Plan)

**Conclusion**: Agreed, Approved, Revised to S1-24xxxx, Noted, Withdrawn, Moved to section xxx, Rejected, Postponed, Email Approval, Not Handled, Unallocated, Drafting

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Doc  Type | Tdoc number | Sourcing company(ies) | Document Title | Conclusion | Comments |
| CR | S1-24xxxx | Source | Title | Agreed / Approved |  |
| CR | S1-24xxxx | Source | Title | Revised to S1-23xxxx |  |
| CR | S1-24xxxx | Source | Title | Noted |  |
| CR | S1-24xxxx | Source | Title | Withdrawn |  |
| CR | S1-24xxxx | Source | Title | Moved to section xxx |  |
| CR | S1-24xxxx | Source | Title | Rejected |  |
| CR | S1-24xxxx | Source | Title | Postponed |  |
| CR | S1-24xxxx | Source | Title | Email Approval |  |
| CR | S1-24xxxx | Source | Title | Not Handled |  |
|  | S1-24xxxx |  |  | Unallocated / Drafting |  |

**MEETING ROOMS:**

Breakout: Lima (0.13)

|  |  |  |
| --- | --- | --- |
|  | **Tuesday** | **Wednesday** |
| **08:00**  **09:00** | **Drafting 1:**  EnergyServ  =================  **Drafting 2:**  Satellite | **Drafting 1:**  EnergyServ  =================  **Drafting 2:**  Satellite |
| **09:00**  **10:30** | **Drafting 1:**  EnergyServ  =================  **Drafting 2:**  Satellite | **Drafting 1:**  EnergyServ  =================  **Drafting 2:**  Satellite |
| **Coffee** |  |  |
| **11:00**  **12:30** | **Drafting 1:**  EnergyServ + FRMCS (not before 12:00)  =================  **Drafting 2:**  Satellite | **Drafting 1:**  EnergyServ+ FRMCS (not before 12:00)  =================  **Drafting 2:**  Satellite |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Opening of the meeting | | | | | | | |
| FS\_5GSAT\_Ph4 | | | | | | | |
| **Work status prior to this meeting:**  Rapporteur: Thierry Bérisot (Novamint)  Latest version: [TR22.887v0.0.0v0.1.0](https://ftp.3gpp.org/Specs/archive/22_series/22.887/22887-010.zip)  Target completion date: SA#107 (03/2025)  Percentage completion: 30% | | | | | | | |
| General | | | | | | | |
| Cont | [S1-242238](file:///D:\TSGS1_107_Maastricht\Docs\S1-242238.zip) | NOVAMINT | Open issues for 5GSAT\_Ph4 at SA1#107 | Noted | |  | |
| Cont | [S1-242069](file:///D:\TSGS1_107_Maastricht\Docs\S1-242069.zip) | NOVAMINT | Pseudo-CR on scope section of TR22887 | Noted | |  | |
| Cont | [S1-242070](file:///D:\TSGS1_107_Maastricht\Docs\S1-242070.zip) | NOVAMINT | Pseudo-CR on overview section of TR22887 | Revised to S1-242304 | |  | |
| Cont | [S1-242304](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242304.zip) | NOVAMINT | Pseudo-CR on overview section of TR22887 | Revised to S1-242376 | | Revision of S1-242070. | |
| Cont | [S1-242376](file:///D:\TSGS1_107_Maastricht\Docs\S1-242376.zip) | NOVAMINT | Pseudo-CR on overview section of TR22887 | Agreed | | *Revision of S1-242070.*  Revision of S1-242304. | |
| Cont | [S1-242163](file:///D:\TSGS1_107_Maastricht\Docs\S1-242163.zip) | China Telecom | Pseudo-CR on Update of 22.887: Overview | Merge into S1-242304 | |  | |
| Former Use Cases | | | | | | | |
| Cont | [S1-242250](file:///D:\TSGS1_107_Maastricht\Docs\S1-242250.zip) | vivo, Novamint, CMCC, MediaTek, Honor, CATT, Fraunhofer IIS | Updates on IMS voice call using GEO satellite access | Revised to S1-242302 | |  | |
| Cont | [S1-242302](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242302.zip) | vivo, Novamint, CMCC, MediaTek, Honor, CATT, Fraunhofer IIS | Updates on IMS voice call using GEO satellite access | Revised to S1-242374 | | Revision of S1-242250. | |
| Cont | [S1-242374](file:///D:\TSGS1_107_Maastricht\Docs\S1-242374.zip) | vivo, Novamint, CMCC, MediaTek, Honor, CATT, Fraunhofer IIS | Updates on IMS voice call using GEO satellite access | Revised to S1-242389 | | *Revision of S1-242250.*  Revision of S1-242302. | |
| Cont | [S1-242389](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242389.zip) | vivo, Novamint, CMCC, MediaTek, Honor, CATT, Fraunhofer IIS | Updates on IMS voice call using GEO satellite access | Revised to S1-242395 | | *Revision of S1-242250.*  *Revision of S1-242302.*  Revision of S1-242374. | |
| Cont | [S1-242395](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242395.zip) | vivo, Novamint, CMCC, MediaTek, Honor, CATT, Fraunhofer IIS | Updates on IMS voice call using GEO satellite access | Agreed | | *Revision of S1-242250.*  *Revision of S1-242302.*  *Revision of S1-242374.*  Revision of S1-242389.  With packet size for req#2. | |
| Cont | [S1-242235](file:///D:\TSGS1_107_Maastricht\Docs\S1-242235.zip) | Fraunhofer IIS | pCR on IMS Voice Call using GEO satellite access data rates | Merge into S1-242302 | |  | |
| Cont | [S1-242068](file:///D:\TSGS1_107_Maastricht\Docs\S1-242068.zip) | EchoStar, Novamint, Dish Network, SES, Thales, Vivo, Sateliot, Viasat, Inmarsat, Cewit, Qualcomm | pCR on update of 5.2 use case on resilient notification | Revised to S1-242303 | |  | |
| Cont | [S1-242303](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242303.zip) | EchoStar, Novamint, Dish Network, SES, Thales, Vivo, Sateliot, Viasat, Inmarsat, Cewit, Qualcomm | pCR on update of 5.2 use case on resilient notification | Revised to S1-242372 | | Revision of S1-242068. | |
| Cont | [S1-242372](file:///D:\TSGS1_107_Maastricht\Docs\S1-242372.zip) | EchoStar, Novamint, Dish Network, SES, Thales, Vivo, Sateliot, Viasat, Inmarsat, Cewit, Qualcomm | pCR on update of 5.2 use case on resilient notification | Revised to S1-242393 | | *Revision of S1-242068.*  Revision of S1-242303. | |
| Cont | [S1-242393](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242393.zip) | EchoStar, Novamint, Dish Network, SES, Thales, Vivo, Sateliot, Viasat, Inmarsat, Cewit, Qualcomm | pCR on update of 5.2 use case on resilient notification |  | | *Revision of S1-242068.*  *Revision of S1-242303.*  Revision of S1-242372. | |
| Cont | [S1-242199](file:///D:\TSGS1_107_Maastricht\Docs\S1-242199.zip) | Huawei | Update of the use case on Resilient Notification | Merge into S1-242372 | |  | |
| Cont | [S1-242211](file:///D:\TSGS1_107_Maastricht\Docs\S1-242211.zip) | China Mobile Com. Corporation, ISSDU | pCR on update use case on Satellite Communication with Resilient Operation Mode for Public Safety access | Agreed | |  | |
| Cont | [S1-242073](file:///D:\TSGS1_107_Maastricht\Docs\S1-242073.zip) | ETRI, Nokia, Novamint, China Mobile | Pseudo-CR on update of clause 5.4 Use case on service continuity through multi-orbit satellite access | Agreed | |  | |
| Cont | [S1-242054](file:///D:\TSGS1_107_Maastricht\Docs\S1-242054.zip) | CATT | pCR on Update to 5.5 Use Case | Agreed | |  | |
| Cont | [S1-242055](file:///D:\TSGS1_107_Maastricht\Docs\S1-242055.zip) | CATT | pCR on Update to 5.7 Use Case | Revised to S1-242371 | |  | |
| Cont | [S1-242371](file:///D:\TSGS1_107_Maastricht\Docs\S1-242371.zip) | CATT | pCR on Update to 5.7 Use Case | Revised to S1-242394 | | Revision of S1-242055. | |
| Cont | [S1-242394](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242394.zip) | CATT | pCR on Update to 5.7 Use Case | Agreed | | *Revision of S1-242055.*  Revision of S1-242371.  With updating availability and 5G network for req. | |
| New Use Cases | | | | | | | |
| Cont | [S1-242116](file:///D:\TSGS1_107_Maastricht\Docs\S1-242116.zip) | Google, Novamint, SyncTechno Inc., ISSDU, III, Korea Telecom, Sateliot | Use Case on Satellite-Enabled Emergency Messaging Services | Revised to S1-242353 | |  | |
| Cont | [S1-242353](file:///D:\TSGS1_107_Maastricht\Docs\S1-242353.zip) | Google, Novamint, SyncTechno Inc., ISSDU, III, Korea Telecom, Sateliot | Use Case on Satellite-Enabled Emergency Messaging Services | Revised to S1-242378 | | Revision of S1-242116. | |
| Cont | [S1-242378](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242378.zip) | Google, Novamint, SyncTechno Inc., ISSDU, III, Korea Telecom, Sateliot | Use Case on Satellite-Enabled Emergency Messaging Services |  | | *Revision of S1-242116.*  Revision of S1-242353. | |
| Cont | [S1-242063](file:///D:\TSGS1_107_Maastricht\Docs\S1-242063.zip) | SES S.A., NOVAMINT, TNO, Thales | Enhanced PWS in satellite access network | Merge into S1-242330 | |  | |
| Cont | [S1-242081](file:///D:\TSGS1_107_Maastricht\Docs\S1-242081.zip) | one2many B.V. | pCR on Use Case on PWS | Revised to S1-242330 | |  | |
| Cont | [S1-242330](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242330.zip) | one2many B.V. | pCR on Use Case on PWS | Revised to S1-242354 | | Revision of S1-242081. | |
| Cont | [S1-242354](file:///D:\TSGS1_107_Maastricht\Docs\S1-242354.zip) | one2many B.V. | pCR on Use Case on PWS | Revised to S1-242379 | | *Revision of S1-242081.*  Revision of S1-242330. | |
| Cont | [S1-242379](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242379.zip) | one2many B.V. | pCR on Use Case on PWS | Agreed | | *Revision of S1-242081.*  *Revision of S1-242330.*  Revision of S1-242354.  Remove second PR2 and remove terrestrial of PR1. | |
| Cont | [S1-242064](file:///D:\TSGS1_107_Maastricht\Docs\S1-242064.zip) | SES S.A., NOVAMINT, TNO | Use case on Mission Critical Services using Satellite Access with Nomadic Nodes | Revised to S1-242355 | |  | |
| Cont | [S1-242355](file:///D:\TSGS1_107_Maastricht\Docs\S1-242355.zip) | SES S.A., NOVAMINT, TNO | Use case on Mission Critical Services using Satellite Access with Nomadic Nodes | Revised to S1-242380 | | Revision of S1-242064. | |
| Cont | [S1-242380](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242380.zip) | SES S.A., NOVAMINT, TNO | Use case on Mission Critical Services using Satellite Access with Nomadic Nodes |  | | *Revision of S1-242064.*  Revision of S1-242355. | |
| Cont | [S1-242213](file:///D:\TSGS1_107_Maastricht\Docs\S1-242213.zip) | China Mobile | pCR on use case on emergency communication using satellite access | Revised to S1-242356 | |  | |
| Cont | [S1-242356](file:///D:\TSGS1_107_Maastricht\Docs\S1-242356.zip) | China Mobile | pCR on use case on emergency communication using satellite access | Agreed | | Revision of S1-242213. | |
| Cont | [S1-242048](file:///D:\TSGS1_107_Maastricht\Docs\S1-242048.zip) | China Mobile | Use case on supporting different services with multi-orbit satellites | Revised to S1-242365 | |  | |
| Cont | [S1-242365](file:///D:\TSGS1_107_Maastricht\Docs\S1-242365.zip) | China Mobile | Use case on supporting different services with multi-orbit satellites | Revised to S1-242381 | | Revision of S1-242048. | |
| Cont | [S1-242381](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242381.zip) | China Mobile | Use case on supporting different services with multi-orbit satellites | Agreed | | *Revision of S1-242048.*  Revision of S1-242365. | |
| Cont | [S1-242212](file:///D:\TSGS1_107_Maastricht\Docs\S1-242212.zip) | China Mobile | pCR on Use Case on Network support for service continuity among different orbit satellites | Revised to S1-242357 | |  | |
| Cont | [S1-242357](file:///D:\TSGS1_107_Maastricht\Docs\S1-242357.zip) | China Mobile | pCR on Use Case on Network support for service continuity among different orbit satellites | Merge into S1-242371 | | Revision of S1-242212. | |
| Cont | [S1-242209](file:///D:\TSGS1_107_Maastricht\Docs\S1-242209.zip) | IIT Bombay | Wide-area disaster control support using multi-orbit satellite network | Revised to S1-242358 | |  | |
| Cont | [S1-242358](file:///D:\TSGS1_107_Maastricht\Docs\S1-242358.zip) | IIT Bombay | Wide-area disaster control support using multi-orbit satellite network | Revised to S1-242384 | | Revision of S1-242209. | |
| Cont | [S1-242384](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242384.zip) | IIT Bombay | Wide-area disaster control support using multi-orbit satellite network |  | | *Revision of S1-242209.*  Revision of S1-242358. | |
| Cont | [S1-242252](file:///D:\TSGS1_107_Maastricht\Docs\S1-242252.zip) | Nokia, ETRI | Use case on broadband services through multi-orbit satellite access | Revised to S1-242364 | |  | |
| Cont | [S1-242364](file:///D:\TSGS1_107_Maastricht\Docs\S1-242364.zip) | Nokia, ETRI | Use case on broadband services through multi-orbit satellite access | Revised to S1-242382 | | Revision of S1-242252. | |
| Cont | [S1-242382](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242382.zip) | Nokia, ETRI | Use case on broadband services through multi-orbit satellite access | Revised to S1-242396 | | *Revision of S1-242252.*  Revision of S1-242364. | |
| Cont | [S1-242396](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242396.zip) | Nokia, ETRI | Use case on broadband services through multi-orbit satellite access | Agreed | | *Revision of S1-242252.*  *Revision of S1-242364.*  Revision of S1-242382.  With NGSO satellite access in req#1, and 3 new supporting companies. | |
| Cont | [S1-242262](file:///D:\TSGS1_107_Maastricht\Docs\S1-242262.zip) | EchoStar, TNO, Novamint | Use case on multi-orbit access for cross-hybrid solutions | Revised to S1-242359 | |  | |
| Cont | [S1-242359](file:///D:\TSGS1_107_Maastricht\Docs\S1-242359.zip) | EchoStar, TNO, Novamint | Use case on multi-orbit access for cross-hybrid solutions | Revised to S1-242383 | | Revision of S1-242262. | |
| Cont | [S1-242383](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242383.zip) | EchoStar, TNO, Novamint | Use case on multi-orbit access for cross-hybrid solutions |  | | *Revision of S1-242262.*  Revision of S1-242359. | |
| Cont | [S1-242284](file:///D:\TSGS1_107_Maastricht\Docs\S1-242284.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, NOVAMINT, SES | Use case on using GEO for initial network entry and service initialization | Revised to S1-242351 | |  | |
| Cont | [S1-242351](file:///D:\TSGS1_107_Maastricht\Docs\S1-242351.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, NOVAMINT, SES | Use case on using GEO for initial network entry and service initialization |  | | Revision of S1-242284. | |
| Cont | [S1-242361](file:///D:\TSGS1_107_Maastricht\Docs\S1-242361.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, NOVAMINT, SES | Use case on using GEO for initial network entry and service initialization | Revised to S1-242385 | | *Revision of S1-242284.*  Revision of S1-242351. | |
| Cont | [S1-242385](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242385.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, NOVAMINT, SES | Use case on using GEO for initial network entry and service initialization | Agreed | | *Revision of S1-242284.*  *Revision of S1-242351.*  Revision of S1-242361.  With Editor's Note FFS for definition 2 and 3, and FFS for reqs after email check. | |
| Cont | [S1-242061](file:///D:\TSGS1_107_Maastricht\Docs\S1-242061.zip) | SES, Novamint, Thales, TNO | Use case on GEO assisted network entry to a multi-orbit Satellite Access System | Revised to S1-242352 | |  | |
| Cont | [S1-242352](file:///D:\TSGS1_107_Maastricht\Docs\S1-242352.zip) | SES, Novamint, Thales, TNO | Use case on GEO assisted network entry to a multi-orbit Satellite Access System |  | | Revision of S1-242061. | |
| Cont | [S1-242362](file:///D:\TSGS1_107_Maastricht\Docs\S1-242362.zip) | SES, Novamint, Thales, TNO | Use case on GEO assisted network entry to a multi-orbit Satellite Access System | Revised to S1-242386 | | *Revision of S1-242061.*  Revision of S1-242352. | |
| Cont | [S1-242386](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242386.zip) | SES, Novamint, Thales, TNO | Use case on GEO assisted network entry to a multi-orbit Satellite Access System | Revised to S1-242397 | | *Revision of S1-242061.*  *Revision of S1-242352.*  Revision of S1-242362. | |
| Cont | [S1-242397](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242397.zip) | SES, Novamint, Thales, TNO | Use case on GEO assisted network entry to a multi-orbit Satellite Access System |  | | *Revision of S1-242061.*  *Revision of S1-242352.*  *Revision of S1-242362.*  Revision of S1-242386. | |
| Cont | [S1-242062](file:///D:\TSGS1_107_Maastricht\Docs\S1-242062.zip) | SES S.A., NOVAMINT, Thales, TNO | Network entry via GEO in multi orbit satellite network | Revised to S1-242350 | |  | |
| Cont | [S1-242350](file:///D:\TSGS1_107_Maastricht\Docs\S1-242350.zip) | SES S.A., NOVAMINT, Thales, TNO | Network entry via GEO in multi orbit satellite network |  | | Revision of S1-242062. | |
| Cont | [S1-242363](file:///D:\TSGS1_107_Maastricht\Docs\S1-242363.zip) | SES S.A., NOVAMINT, Thales, TNO | Network entry via GEO in multi orbit satellite network | Merge into S1-242362 | | *Revision of S1-242062.*  Revision of S1-242350. | |
| Cont | [S1-242279](file:///D:\TSGS1_107_Maastricht\Docs\S1-242279.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, NOVAMINT, SES | Use case on using GEO to land data in a desirable geographical location | Revised to S1-242367 | |  | |
| Cont | [S1-242367](file:///D:\TSGS1_107_Maastricht\Docs\S1-242367.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, NOVAMINT, SES | Use case on using GEO to land data in a desirable geographical location | Revised to S1-242387 | | Revision of S1-242279. | |
| Cont | [S1-242387](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242387.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, NOVAMINT, SES | Use case on using GEO to land data in a desirable geographical location |  | | *Revision of S1-242279.*  Revision of S1-242367. | |
| Cont | [S1-242280](file:///D:\TSGS1_107_Maastricht\Docs\S1-242280.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, NOVAMINT, SES | Use case on using GEO for low rate true broadcast or massive multicast communications | Revised to S1-242368 | |  | |
| Cont | [S1-242368](file:///D:\TSGS1_107_Maastricht\Docs\S1-242368.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, NOVAMINT, SES | Use case on using GEO for low rate true broadcast or massive multicast communications | Revised to S1-242388 | | Revision of S1-242280. | |
| Cont | [S1-242388](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242388.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, NOVAMINT, SES | Use case on using GEO for low rate true broadcast or massive multicast communications |  | | *Revision of S1-242280.*  Revision of S1-242368. | |
| Cont | [S1-242281](file:///D:\TSGS1_107_Maastricht\Docs\S1-242281.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, NOVAMINT, SES | Use case on using GEO for sleep/power management | Revised to S1-242369 | |  | |
| Cont | [S1-242369](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242369.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, NOVAMINT, SES | Use case on using GEO for sleep/power management | Revised to S1-242375 | | Revision of S1-242281. | |
| Cont | [S1-242375](file:///D:\TSGS1_107_Maastricht\Docs\S1-242375.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, NOVAMINT, SES | Use case on using GEO for sleep/power management | Revised to S1-242390 | | *Revision of S1-242281.*  Revision of S1-242369. | |
| Cont | [S1-242390](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242390.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, NOVAMINT, SES | Use case on using GEO for sleep/power management |  | | *Revision of S1-242281.*  *Revision of S1-242369.*  Revision of S1-242375. | |
| Cont | [S1-242274](file:///D:\TSGS1_107_Maastricht\Docs\S1-242274.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, Novamint, SES | Multi Orbit use case: FR2 Broadcast/multicast downlink with FR1 LEO uplink | Revised to S1-242287 | |  | |
| Cont | [S1-242287](file:///D:\TSGS1_107_Maastricht\Docs\S1-242287.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, Novamint, SES | Multi Orbit use case: FR2 Broadcast/multicast downlink with FR1 LEO uplink | Withdrawn | | Revision of S1-242274. | |
| Cont | [S1-242275](file:///D:\TSGS1_107_Maastricht\Docs\S1-242275.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, Novamint, SES | Multi Orbit use case: Backhaul | Revised to S1-242288 | |  | |
| Cont | [S1-242288](file:///D:\TSGS1_107_Maastricht\Docs\S1-242288.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, Novamint, SES | Multi Orbit use case: Backhaul | Noted | | Revision of S1-242275. | |
| Cont | [S1-242263](file:///D:\TSGS1_107_Maastricht\Docs\S1-242263.zip) | TNO, ESA, Thales, Novamint, SES | Use Case on multi-orbit satellite backhauling | Revised to S1-242360 | |  | |
| Cont | [S1-242360](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242360.zip) | TNO, ESA, Thales, Novamint, SES | Use Case on multi-orbit satellite backhauling |  | | Revision of S1-242263. | |
| Cont | [S1-242366](file:///D:\TSGS1_107_Maastricht\Docs\S1-242366.zip) | TNO, ESA, Thales, Novamint, SES | Use Case on multi-orbit satellite backhauling | Revised to S1-242391 | | *Revision of S1-242263.*  Revision of S1-242360. | |
| Cont | [S1-242391](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242391.zip) | TNO, ESA, Thales, Novamint, SES | Use Case on multi-orbit satellite backhauling | Agreed | | *Revision of S1-242263.*  *Revision of S1-242360.*  Revision of S1-242366. | |
| Cont | [S1-242276](file:///D:\TSGS1_107_Maastricht\Docs\S1-242276.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, Novamint, SES | Multi Orbit use case: Application Aware Traffic steering/switching | Revised to S1-242289 | |  | |
| Cont | [S1-242289](file:///D:\TSGS1_107_Maastricht\Docs\S1-242289.zip) | ViaSat Satellite Holdings Ltd, Inmarsat, Novamint, SES | Multi Orbit use case: Application Aware Traffic steering/switching | Withdrawn | | Revision of S1-242276. | |
| Cont | [S1-242277](file:///D:\TSGS1_107_Maastricht\Docs\S1-242277.zip) | ViaSat Satellite Holdings Ltd., Inmarsat, NOVAMINT, SES | Use case on using a multi orbit satellite system to improve service reliability and availability | Noted | |  | |
| Cont | [S1-242272](file:///D:\TSGS1_107_Maastricht\Docs\S1-242272.zip) | ViaSat Satellite Holdings Ltd., Inmarsat, Novamint, SES | Multi Orbit use case: FR2 GEO downlink with FR1 LEO uplink | Revised to S1-242290 | |  | |
| Cont | [S1-242290](file:///D:\TSGS1_107_Maastricht\Docs\S1-242290.zip) | ViaSat Satellite Holdings Ltd., Inmarsat, Novamint, SES | Multi Orbit use case: FR2 GEO downlink with FR1 LEO uplink | Revised to S1-242370 | | Revision of S1-242272. | |
| Cont | [S1-242370](file:///D:\TSGS1_107_Maastricht\Docs\S1-242370.zip) | ViaSat Satellite Holdings Ltd., Inmarsat, Novamint, SES | Multi Orbit use case: FR2 GEO downlink with FR1 LEO uplink | Revised to S1-242392 | | *Revision of S1-242272.*  Revision of S1-242290. | |
| Cont | [S1-242392](file:///C:\Users\unicom\Desktop\8月%20SA1会议\CR\docs\S1-242392.zip) | ViaSat Satellite Holdings Ltd., Inmarsat, Novamint, SES | Multi Orbit use case: FR2 GEO downlink with FR1 LEO uplink |  | | *Revision of S1-242272.*  *Revision of S1-242290.*  Revision of S1-242370. | |
| Cont | [S1-242041](file:///D:\TSGS1_107_Maastricht\Docs\S1-242041.zip) | IPLOOK | Pseudo-CR: Use Case on Resilient Notification and Pre-notification to OTA update |  | |  | |
| Cont | [S1-242089](file:///D:\TSGS1_107_Maastricht\Docs\S1-242089.zip) | SES, Novamint, ESA, Inmarsat, Viasat, EchoStar, JSAT, TNO, Gilat | Use case on Broadcast Services with satellite access for unregistered UEs |  | |  | |
| Cont | S1-242120 | ViaSat Satellite Holdings Ltd | Use cases of Multi-Orbit (GEO + NGSO) satellite systems | Withdrawn | |  | |
| Tdoc numbers NOT allocated during drafting session (admin purposes only) | | | | | | | |
|  | S1-241373 |  |  | |  | |  |
|  | S1-241377 |  |  | |  | |  |
|  | S1-241397 |  |  | |  | |  |
|  | S1-241398 |  |  | |  | |  |
|  |  |  |  | |  | |  |
|  |  |  |  | |  | |  |
| Summary of drafting session | | | | | | | |
| *Highlight the following items:;*   * *All handled, except for 2* * *12 documents agreed, TR overview* * *6 documents merged* * *4 documents noted* * *2 documents withdrawn* * *10 documents still open* * *2 documents do not handle for no presenters* | | | | | | | |
| Close | | | | | | | |