**3GPP TSG-SA WG1 Meeting #111 S1-253xxx**

**25-29 August 2025, Goteborg, Sweden**

Title: Agenda Drafting Ubiquitous

Ag. Item: 8.1.5

Source: Drafting Session Chair

Contact: Feifei Lou

**MEETING ROOMS:**

**Plenary/Drafting 1: Room Björk/Silver G3**

Breakout Drafting 2: Room Björk/Silver G2

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|  |  | **Tuesday** | **Wednesday** |
| **Q0** | **08:00****09:00** | **Drafting 1:**8.1.3 AI =================**Drafting 2:**8.1.5 Ubiquitous | **Drafting 1:**8.1.3 AI=================**Drafting 2:*** + 1. TBD
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| **Q2** | **11:00****12:30** | **Drafting 1:**8.1.3 AI =================**Drafting 2:**8.1.5 Ubiquitous | **Drafting 1:**8.1.3 AI =================**Drafting 2:*** + 1. Ubiquitous
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| Ubiquitous |
| **Updates to existing use cases** |
| Cont | [S1-253153](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253153.zip) | Orange | Resolution of editorial issues and Editor’s Notes in “Use Case on ubiquitous and resilient network” clause (8.1) | Meged into S1-253089 | Rapp comment: Included in S1-253089 |
| Cont | [S1-253228](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253228.zip) | Huawei | Update of use case 8.2 enhanced user experience with sparse LEO satellite deployment | Revised to S1-253228r1 |  |
| Cont | [S1-253228r1](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253228r1.zip) | Huawei | Update of use case 8.2 enhanced user experience with sparse LEO satellite deployment | Revised to S1-253450 | Revision of S1-253228. |
| Cont | [S1-253450](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253450.zip) | Huawei | Update of use case 8.2 enhanced user experience with sparse LEO satellite deployment | Approved | Same as S1-253228r1. |
| Cont | [S1-253017](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253017.zip) | THALES, Novamint, MITRE, Firstnet, TNO | UC 8.5 Disaster Relief - Updates | Revised to S1-253017r1 |  |
| Cont | [S1-253017r1](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253017r1.zip) | THALES, Novamint, MITRE, Firstnet, TNO | UC 8.5 Disaster Relief - Updates | Revised to S1-253017r2 | Revision of S1-253017. |
| Cont | [S1-253017r2](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253017r2.zip) | THALES, Novamint, MITRE, Firstnet, TNO | UC 8.5 Disaster Relief - Updates |  | Revision of S1-253017r1. |
| Cont | [S1-253041](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253041.zip) | Ericsson  | Remove EN in Global Mobile Video use case (by clarify KPI table) | Revised to S1-253041r1 |  |
| Cont | [S1-253041r1](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253041r1.zip) | Ericsson  | Remove EN in Global Mobile Video use case (by clarify KPI table) | Revised to S1-253041r2 | Revision of S1-253041. |
| Cont | [S1-253041r2](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253041r2.zip) | Ericsson  | Remove EN in Global Mobile Video use case (by clarify KPI table) |  | Revision of S1-253041r1. |
| Cont | [S1-253145](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253145.zip) | ZTE Corporation | pCR to resolve ENs in clause 8.8 | Merged into S1-253249r1 | Rapp comment: To be merged with 3193 & 3249 to avoid conflict with proposed changes |
| Cont | [S1-253193](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253193.zip) | CATT | Update 8.8 UC on low-altitude logistics supported by NTN | Merged into S1-253249r1 | Rapp comment: To be merged with 3145 & 3249 to avoid conflict with proposed changes |
| Cont | [S1-253249](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253249.zip) | CSCN | pCR on update to use case 8.8 | Revised to S1-253249r1 | Rapp comment: To be merged with 3145 & 3193 to avoid conflict with proposed changes |
| Cont | [S1-253249r1](file:///C%3A%5CTSGS1_111_Goteborg%5Cdocs%5CS1-253249r1.zip) | CSCN | pCR on update to use case 8.8 | Revised to S1-253249r2 | Revision of S1-253249. |
| Cont | [S1-253249r2](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253249r2.zip) | CSCN | pCR on update to use case 8.8 | Revised to S1-253249r3 | Revision of S1-253249r1. |
| Cont | [S1-253249r3](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253249r3.zip) | CSCN | pCR on update to use case 8.8 |  | Revision of S1-253249r2. |
| Cont | [S1-253032](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253032.zip) | Airbus, ESA, Fraunhofer IIS | Pseudo-CR on “8.9 Use case on hybrid TN and NTN positioning” | Revised to S1-253032r1 |  |
| Cont | [S1-253032r1](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253032r1.zip) | Airbus, ESA, Fraunhofer IIS | Pseudo-CR on “8.9 Use case on hybrid TN and NTN positioning” | Revised to S1-253452 | Revision of S1-253032. |
| Cont | [S1-253452](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253452.zip) | Airbus, ESA, Fraunhofer IIS | Pseudo-CR on “8.9 Use case on hybrid TN and NTN positioning” | Approved | Same as S1-253032r1. |
| Cont | [S1-253037](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253037.zip) | ESA, Airbus | Pseudo-CR on “8.10 Use case on hybrid NTN and GNSS positioning” | Revised to S1-253037r1 |  |
| Cont | [S1-253037r1](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253037r1.zip) | ESA, Airbus | Pseudo-CR on “8.10 Use case on hybrid NTN and GNSS positioning” | Revised to S1-253037r2 | Revision of S1-253037.Adding a note for the table. |
| Cont | [S1-253037r2](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253037r2.zip) | ESA, Airbus | Pseudo-CR on “8.10 Use case on hybrid NTN and GNSS positioning” |  | Revision of S1-253037r1. |
| Cont | [S1-253146](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253146.zip) | ZTE Corporation | pCR to resolve ENs in clause 8.11 | Revised to S1-253146r1 | Rapp comment: To be merged with 3250 to avoid conflict with proposed changes |
| Cont | [S1-253146r1](file:///C%3A%5CTSGS1_111_Goteborg%5Cdocs%5CS1-253146r1.zip) | ZTE Corporation | pCR to resolve ENs in clause 8.11 | Revised to S1-253146r2 | Revision of S1-253146. |
| Cont | [S1-253146r2](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253146r2.zip) | ZTE Corporation | pCR to resolve ENs in clause 8.11 | Revised to S1-253146r3 | Revision of S1-253146r1. |
| Cont | [S1-253146r3](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253146r3.zip) | ZTE Corporation | pCR to resolve ENs in clause 8.11 | Revised to S1-253146r4 | Revision of S1-253146r2. |
| Cont | [S1-253146r4](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253146r4.zip) | ZTE Corporation | pCR to resolve ENs in clause 8.11 | Revised to S1-253453 | Revision of S1-253146r3. |
| Cont | [S1-253453](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253453.zip) | ZTE Corporation | pCR to resolve ENs in clause 8.11 | Approved | Same as S1-253146r4. |
| Cont | [S1-253250](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253250.zip) | CSCN | pCR on update to use case 8.11 | Merged into S1-253146r1 | Rapp comment: To be merged with 3146 to avoid conflict with proposed changes |
| Cont | [S1-253156](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253156.zip) | FirstNet, MITRE | pCR enhancement of use case 8.12 Use case | Merged into S1-253236r1 | Rapp comment: To be merged with 3236 to avoid conflict with proposed changes |
| Cont | [S1-253236](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253236.zip) | SoftBank Corp. | Update on 8.12 “Use case on HAPS-based rapid deployable network for public safety and disaster response” | Revised to S1-253236r1 | Rapp comment: To be merged with 3156 to avoid conflict with proposed changes |
| Cont | [S1-253236r1](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253236r1.zip) | SoftBank Corp. | Update on 8.12 “Use case on HAPS-based rapid deployable network for public safety and disaster response” | Revised to S1-253236r2 | Revision of S1-253236. |
| Cont | [S1-253236r2](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253236r2.zip) | SoftBank Corp. | Update on 8.12 “Use case on HAPS-based rapid deployable network for public safety and disaster response” |  | Revision of S1-253236r1. |
| Cont | [S1-253306](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253306.zip) | ESA, Airbus, Thales, Novamint | Correction of editorial issue in use case on low-energy positioning in satellite networks | Revised to S1-253306r1 |  |
| Cont | [S1-253306r1](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253306r1.zip) | ESA, Airbus, Thales, Novamint | Correction of editorial issue in use case on low-energy positioning in satellite networks | Revised to S1-253451 | Revision of S1-253306. |
| **New use cases**  |
| Cont | [S1-253033](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253033.zip) | Airbus, ESA, Fraunhofer IIS | New use case on positioning integrity in TN and NTN | Revised to S1-253033r1 |  |
| Cont | [S1-253033r1](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253033r1.zip) | Airbus, ESA, Fraunhofer IIS | New use case on positioning integrity in TN and NTN | Revised to S1-253033r2 | Revision of S1-253033. |
| Cont | [S1-253033r2](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253033r2.zip) | Airbus, ESA, Fraunhofer IIS | New use case on positioning integrity in TN and NTN |  | Revision of S1-253033r1. |
| Cont | [S1-253043](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253043.zip) | NICT, Deutsche Telekom, Thales | Use case on Enhanced Multi-Access Connectivity | Revised to S1-253043r1 |  |
| Cont | [S1-253043r1](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253043r1.zip) | NICT, Deutsche Telekom, Thales | Use case on Enhanced Multi-Access Connectivity | Revised to S1-253043r2 | Revision of S1-253043. |
| Cont | [S1-253043r2](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253043r2.zip) | NICT, Deutsche Telekom, Thales | Use case on Enhanced Multi-Access Connectivity | Revised to S1-253043r3 | Revision of S1-253043r1. |
| Cont | [S1-253043r3](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253043r3.zip) | NICT, Deutsche Telekom, Thales | Use case on Enhanced Multi-Access Connectivity |  | Revision of S1-253043r2. |
| Cont | [S1-253050](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253050.Zip) | LG Uplus | New use case on event-based inter-operator reselection coordination | Revised to S1-253050r1 |  |
| Cont | [S1-253050r1](file:///C%3A%5CTSGS1_111_Goteborg%5Cdocs%5CS1-253050r1.zip) | LG Uplus, SK Telecom  | New use case on event-based inter-operator reselection coordination | Revised to S1-253050r2 | Revision of S1-253050. |
| Cont | [S1-253050r2](file:///C%3A%5CTSGS1_111_Goteborg%5Cdocs%5CS1-253050r2.zip) | LG Uplus, SK Telecom  | New use case on event-based inter-operator reselection coordination | Noted | Revision of S1-253050r1. |
| Cont | [S1-253051](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253051.Zip) | LG Uplus | New use case on SON improvement for mobility between TN and NTN | Revised to S1-253051r1 |  |
| Cont | [S1-253051r1](file:///C%3A%5CTSGS1_111_Goteborg%5Cdocs%5CS1-253051r1.zip) | LG Uplus, KT Corp. | New use case on SON improvement for mobility between TN and NTN | Revised to S1-253051r2 | Revision of S1-253051. |
| Cont | [S1-253051r2](file:///C%3A%5CTSGS1_111_Goteborg%5Cdocs%5CS1-253051r2.zip) | LG Uplus, KT Corp. | New use case on SON improvement for mobility between TN and NTN | Noted | Revision of S1-253051r1. |
| Cont | [S1-253112](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253112.zip) | CEWiT | Use Case on real time traffic offloading using HAPS in a time specific requirement on a geographically challenging area | Revised to S1-253112r1 |  |
| Cont | [S1-253112r1](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253112r1.zip) | CEWiT | Use Case on real time traffic offloading using HAPS in a time specific requirement on a geographically challenging area | Revised to S1-253112r2 | Revision of S1-253112. |
| Cont | [S1-253112r2](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253112r2.zip) | CEWiT | Use Case on real time traffic offloading using HAPS in a time specific requirement on a geographically challenging area | Revised to S1-253112r3 | Revision of S1-253112r1. |
| Cont | [S1-253112r3](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253112r3.zip) | CEWiT | Use Case on real time traffic offloading using HAPS in a time specific requirement on a geographically challenging area |  | Revision of S1-253112r2. |
| Cont | [S1-253195](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253195.zip) | CATT, CSCN | Use Case on 6G Satellite Backhaul Service | Revised to S1-253195r1 |  |
| Cont | [S1-253195r1](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253195r1.zip) | CATT, CSCN | Use Case on 6G Satellite Backhaul Service | Revised to S1-253195r2 | Revision of S1-253195. |
| Cont | [S1-253195r2](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253195r2.zip) | CATT, CSCN | Use Case on 6G Satellite Backhaul Service | Revised to S1-253195r3 | Revision of S1-253195r1. |
| Cont | [S1-253195r3](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253195r3.zip) | CATT, CSCN | Use Case on 6G Satellite Backhaul Service | Revised to S1-253195r4 | Revision of S1-253195r2. |
| Cont | [S1-253195r4](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253195r4.zip) | CATT, CSCN | Use Case on 6G Satellite Backhaul Service |  | Revision of S1-253195r3. |
| Cont | [S1-253271](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253271.zip) | China Telecom Corporation Ltd. | Use case on massive user access over limited satellite links in disasters | Revised to S1-253271r1 |  |
| Cont | [S1-253271r1](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253271r1.zip) | China Telecom Corporation Ltd. | Use case on massive user access over limited satellite links in disasters | Revised to S1-253271r2 | Revision of S1-253271. |
| Cont | [S1-253271r2](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253271r2.zip) | China Telecom Corporation Ltd. | Use case on massive user access over limited satellite links in disasters |  | Revision of S1-253271r1. |
| Cont | [S1-253451](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253451.zip) | ESA, Airbus, Thales, Novamint | Correction of editorial issue in use case on low-energy positioning in satellite networks | Approved | Same as S1-253306r1. |
| Cont | [S1-253329](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253329.zip) | TNO, Thales, Novamint | New use case on On board Computing in 6G NTN domain | Revised to S1-253329r1 |  |
| Cont | [S1-253329r1](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253329r1.zip) | TNO, Thales, Novamint | New use case on On board Computing in 6G NTN domain | Revised to S1-253329r2 | Revision of S1-253329. |
| Cont | [S1-253329r2](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253329r2.zip) | TNO, Thales, Novamint | New use case on On board Computing in 6G NTN domain | Revised to S1-253455 | Revision of S1-253329r1. |
| Cont | [S1-253455](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253455.zip) | TNO, Thales, Novamint | New use case on On board Computing in 6G NTN domain | Approved | Same as S1-253329r2. |
| Cont | [S1-253332](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253332.zip) | Reliance Jio | Defining Small cells for 6G | Noted |  |
| Cont | [S1-253341](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253341.zip) | Philips International B.V. | New use case on improved communication services for a group of cooperating UEs | Revised to S1-253341r1 |  |
| Cont | [S1-253341r1](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253341r1.zip) | Philips International B.V. | New use case on improved communication services for a group of cooperating UEs | Revised to S1-253341r2 | Revision of S1-253341. |
| Cont | [S1-253341r2](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253341r2.zip) | Philips International B.V. | New use case on improved communication services for a group of cooperating UEs |  | Revision of S1-253341r1. |
| Cont | [S1-253360](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253360.zip) | SKY Perfect JSAT Corporation | New use case on independent PCI management in multi-satellite operator roaming | Revised to S1-253360r1 |  |
| Cont | [S1-253360r1](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253360r1.zip) | SKY Perfect JSAT Corporation | New use case on independent PCI management in multi-satellite operator roaming | Revised to S1-253360r2 | Revision of S1-253360. |
| Cont | [S1-253360r2](file:///C%3A%5CSA1%23111%5CDocs%5CS1-253360r2.zip) | SKY Perfect JSAT Corporation | New use case on independent PCI management in multi-satellite operator roaming |  | Revision of S1-253360r1. |
| Tdoc numbers NOT allocated during drafting session (admin purposes only) |
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| Important discussions |
| *Highlight the following items:* *
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