3GPP TSG-SA WG1 Ad-hoc on SMARTER (5G) S1-153002

Vancouver, Canada, 17-21 August 2015

Title: Draft Agenda for SA1 Ad-hoc on SMARTER (5G)

Ag. Item: 1.1

Source: SA1 Chairman/Vice Chairmen/MCC

Contact: Toon Norp

Submission Guidelines

* **Submission deadlines:**
	+ **Tdoc number** and **CR number** requests: **Thursday,** 08 October 2015, 23:00 UTC
	+ Document **submission**: **Friday**, 09 October 2015, 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-on SMARTER (5G))
* Please use the document templates available at <http://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_71bis_adhoc_5G_Vancouver/templates/>

SA1 DRAFT SCHEDULE

The meeting will start at 09:00 local time on Monday and will close by 16:00 local time on Wednesday, at the latest.

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| --- | --- | --- | --- | --- |
|  |  | **Monday** | **Tuesday** | **Wednesday** |
| **Q0** | **08:00****08:50** |  | 3.4 Updates of existing use cases | Revisions |
| **Q1** | **09:00****10:30** | (start at 09:00)Opening2. Reports3.1 Grouping of use cases | 3.4 Updates of existing use cases | Revisions |
| **Q2** | **11:00****12:30** | 3.1 Grouping of use cases3.2 New Building Block SIDs | 3.5 New use cases | Revisions |
|  | **Lunch** |  |  |  |
| **Q3** | **14:00****15:30** | 3.3 Outline/structure for new BB TRs | 3.5 New use cases3.6 Other | Revisions(end 16:00 latest) |
| **Q4** | **16:00****17:30** | 3.4 / 3.5 Credentials + Identifiers | Revisions |  |
| **Q5** | **17:40****19:30** | MMS at 18:00 | Revisions |  |

SA1 AGENDA

**LEGEND**

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

**Conclusion**: Agreed, Approved, Revised to S1-15xxxx, Noted, Withdrawn, Moved to section xxx, Rejected, Postponed, Email Approval, Not Handled, Unallocated, Drafting

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| DocType | Tdoc number | Sourcing company(ies) | Document Title | Conclusion | Comments |
| CR | S1-15xxxx | Source | Title | Agreed / Approved |  |
| CR | S1-15xxxx | Source | Title | Revised to S1-15xxxx |  |
| CR | S1-15xxxx | Source | Title | Noted |  |
| CR | S1-15xxxx | Source | Title | Withdrawn |  |
| CR | S1-15xxxx | Source | Title | Moved to section xxx |  |
| CR | S1-15xxxx | Source | Title | Rejected |  |
| CR | S1-15xxxx | Source | Title | Postponed |  |
| CR | S1-15xxxx | Source | Title | Email Approval |  |
| CR | S1-15xxxx | Source | Title | Not Handled |  |
|  | S1-15xxxx |  |  | Unallocated / Drafting |  |

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| 1. **Opening of the meeting**
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| * 1. **Agenda and scheduling**
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| AGE | [S1-153000](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153000.zip) | SA1 Chairman | Draft agenda for SA1#71AH on SMARTER | Revised to S1-153001 |  |
| AGE | [S1-153001](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153001.zip) | SA1 Chairman | Draft schedule and agenda with document allocation for SA1#71AH on SMARTER | Revised to S1-153002 | Revision of S1-153000. |
| AGE | [S1-153002](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153002.zip) | SA1 Chairman | Final schedule and agenda with document allocation for SA1#71AH on SMARTER |  | *Revision of S1-153000.*Revision of S1-153001. |
| IPR, antitrust and competition laws |
|  | The attention of the delegates to this meeting is drawn to the fact that 3GPP Individual Members have the obligation under the IPR Policies of their respective Organizational Partners to inform their respective Organizational Partners of Essential IPRs they become aware of.  Members are hereby invited:- to investigate whether their companies owns IPRs which are, or are likely to become essential in respect of the work of 3GPP.- to notify the Director-General or the Chairman of their Organizational Partners, of all potential IPRs that their companies may own, by means of the appropriate IPR Statement and the Licensing declaration forms (e.g. see the ETSI IPR forms [**http://webapp.etsi.org/Ipr/**](http://webapp.etsi.org/Ipr/)). |  |
|  | The attention of the delegates to this meeting is also drawn to the fact that 3GPP activities are subject to antitrust and competition laws and that compliance with said laws is therefore required of any participant of this meeting including the Chairman and Vice Chairmen. In case of questions, it is recommend that delegates contact their respective legal counsel.The present meeting will be conducted with strict impartiality and in the interests of 3GPP.Furthermore, delegates are reminded that timely submission of work items in advance of the meeting is important to allow for full and fair consideration of such matters. |  |
| * 1. **Information for delegates**
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| SA1 Delegate Guidelines available at <http://www.3gpp.org/SA1-delegates-survival-guide>Draft TR/TS to SA plenary for information: delegates are encouraged to send draft TR/TS for information as soon as there is useful content to be reviewed. Draft TR/TS can be sent to SA plenary for information more than once.Drafting p-CRs:* All changes must be shown as revision marks against existing text in the draft TS/TR, otherwise p-CRs may be Noted
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| * 1. **Information for rapporteurs**
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| "Beginner's guide" for writing a new TS/TR is available at <http://www.3gpp.org/specifications-groups/delegates-corner/writing-a-new-spec> (feedback on content is welcome!)For detailed drafting guidelines, please see [TR 21.801](http://www.3gpp.org/DynaReport/21801.htm)Rapporteurs are expected to produce a work item/study item status report for the end of the meeting under agenda item 9.2. The template is available [here](http://www.3gpp.org/ftp/tsg_sa/WG1_Serv/TSGS1_69_Sanya/templates/Template_WI_Status_Update.zip).For draft TR/TS, the rapporteur is expected to update the draft TR/TS with all contributions agreed at the meeting before the meeting is closed. |
| * 1. **Working agreements**
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| None |
| 1. **Reports and action items**
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| REP | [S1-153004](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153004.zip) | Chair | SA1-related topics at SA#69 and RAN 5G Workshop | Noted |  |
| FS Smarter: New Services and Markets Technology Enablers [SP-150142] |
| **Work status prior to this meeting:**Latest draft: TR 22.891v1.0.0 (http://www.3gpp.org/DynaReport/22891.htm)Target completion date: SA#71 (03/2016)Percentage completion: 60% |
| * 1. **Grouping of use casesNOTE: Proposals for how to group the existing use cases in 22.891 in approximately 4 use case groups**
 |
| Cont | [S1-153040](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153040.zip) | Huawei | Discuss grouping of SMARTER requirements | Revised to S1-153099 | Resubmission of S1-152087 |
| Cont | [S1-153099](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153099.zip) | Huawei | Discuss grouping of SMARTER requirements | Revised to S1-153109 | *Resubmission of S1-152087*Revision of S1-153040. |
| Cont | [S1-153109](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153109.zip) | Huawei | Discuss grouping of SMARTER requirements | Revised to S1-153169 | *Resubmission of S1-152087**Revision of S1-153040.*Revision of S1-153099.To put the overview table in 22.891 |
| Cont | [S1-153169](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153169.zip) | Huawei | Discuss grouping of SMARTER requirements | Revised to S1-153201 | *Resubmission of S1-152087**Revision of S1-153040.**Revision of S1-153099.**To put the overview table in 22.891*Revision of S1-153109. |
| Cont | [S1-153201](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153201.zip) | Huawei | Discuss grouping of SMARTER requirements | Agreed | *Resubmission of S1-152087**Revision of S1-153040.**Revision of S1-153099.**To put the overview table in 22.891**Revision of S1-153109.*Revision of S1-153169.No presentation |
| Cont | [S1-153041](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153041.zip) | Nokia Networks | Use case categorisation | Revised to S1-153110 | Resubmission of S1-152210 |
| Cont | [S1-153110](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153110.zip) | Nokia Networks | Use case categorisation | Noted | *Resubmission of S1-152210*Revision of S1-153041.Revised to put the mapping of use cases to groups in 22.891 |
| Cont | [S1-153014](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153014.zip) | Vodafone / Rapporteur | SMARTER Use Cases Grouping | Noted |  |
| Cont | [S1-153015](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153015.zip) | Vodafone / Rapporteur | SMARTER Building Block: enhanced Mobile BroadBand (eMBB) | Noted |  |
| Cont | [S1-153016](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153016.zip) | Vodafone / Rapporteur | SMARTER Building Block: Critical Machine Communications (CMC) | Noted |  |
| Cont | [S1-153069](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153069.zip) | TTA, U.S. DoC | Critical Communications in the 5G | Noted |  |
| Cont | [S1-153017](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153017.zip) | Vodafone / Rapporteur | SMARTER Building Block: Massive Internet of Things (mIoT) | Noted |  |
| Cont | [S1-153018](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153018.zip) | Vodafone / Rapporteur | SMARTER Building Block: Network Operation (NO) | Noted |  |
| Cont | [S1-153035](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153035.zip) | Alcatel-Lucent | FS\_SMARTER considerations on grouping use cases | Noted |  |
| Cont | [S1-153058](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153058.zip) | LG Electronics Inc. | Proposed Grouping for High Mobility and Vehicular Communications (HiV2X) | Noted | Working assumption is to discuss 5G V2X aspects after Rel14 V2X is completed. Hence this HiV2X is outside the other 5G SIDs. |
| Cont | [S1-153077](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153077.zip) | Qualcomm Incorporated | SMARTER: Use Case Categorization | Noted |  |
| Cont | [S1-153036](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153036.zip) | Alcatel-Lucent | FS\_SMARTER considerations on requirements grouping | Revised to S1-153111 |  |
| Cont | [S1-153111](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153111.zip) | Alcatel-Lucent | FS\_SMARTER considerations on requirements grouping | Revised to S1-153170 | Revision of S1-153036.Remove the tables from 22.891 and put text in place of that. |
| Cont | [S1-153170](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153170.zip) | Alcatel-Lucent | FS\_SMARTER considerations on requirements grouping | Agreed | *Revision of S1-153036.**Remove the tables from 22.891 and put text in place of that.*Revision of S1-153111.Add Overview section. Remove “primary”No presentation |
| Cont | [S1-153112](file:///C%3A%5CUsers%5Cmyounge%5CDocuments%5C3GPP%5CSA1%5CTSGS1_71bis_adhoc_5G_Vancouver%5CInbox%5Cdocs%5CS1-153112.zip) | Vodafone / rapporteur | Grouping of use cases into families | Revised to S1-153154 |  |
| Cont | [S1-153154](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153154.zip) | Vodafone / rapporteur | Grouping of use cases into families | Revised to S1-153171 | Revision of S1-153112. |
| Cont | [S1-153171](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153171.zip) | Vodafone / rapporteur | Grouping of use cases into families | Agreed | *Revision of S1-153112.*Revision of S1-153154.No presentation |
| * 1. **New Building Block Study Item DescriptionsNOTE: For each of the use case groups, a SMARTER Building Block with Study Item Description need to be defined**
 |
| Cont | [S1-153019](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153019.zip) | Vodafone | New study item on New Services and Markets Technology Enablers for massive Internet of Things – SMARTER-mIoT | Revised to S1-153114 |  |
| Cont | [S1-153114](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153114.zip) | Vodafone | New study item on New Services and Markets Technology Enablers for massive Internet of Things – SMARTER-mIoT | Revised to S1-153172 | Revision of S1-153019. |
| Cont | [S1-153172](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153172.zip) | Vodafone | New study item on New Services and Markets Technology Enablers for massive Internet of Things – SMARTER-mIoT | Revised to S1-153184 | *Revision of S1-153019.*Revision of S1-153114.Change security aspect into agreed sentence: Security aspects related to mIoT will be considered in this study, however general security aspects for 5G will studied in the Network Operations study.No presentation |
| Cont | [S1-153184](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153184.zip) | Vodafone | New study item on New Services and Markets Technology Enablers for massive Internet of Things – SMARTER-mIoT | Revised to S1-153204 | *Revision of S1-153019.**Revision of S1-153114.**Change security aspect into agreed sentence: Security aspects related to mIoT will be considered in this study, however general security aspects for 5G will studied in the Network Operations study.**No presentation*Revision of S1-153172 to add one supporting companyNo presentation |
| Cont | [S1-153204](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153204.zip) | Vodafone | New study item on New Services and Markets Technology Enablers for massive Internet of Things – SMARTER-mIoT | Agreed | *Revision of S1-153019.**Revision of S1-153114.**Change security aspect into agreed sentence: Security aspects related to mIoT will be considered in this study, however general security aspects for 5G will studied in the Network Operations study.**No presentation**Revision of S1-153172 to add one supporting company**No presentation*Revision of S1-153184.to add more supporting companiesNo presentation |
| Cont | [S1-153043](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153043.zip) | Nokia Networks | New Work Item on Realiable Communications | Revised to S1-153115 |  |
| Cont | [S1-153115](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153115.zip) | Nokia Networks | New Work Item on Realiable Communications | Revised to S1-153173 | Revision of S1-153043. |
| Cont | [S1-153173](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153173.zip) | Nokia Networks | New Work Item on Realiable Communications | Revised to S1-153205 | *Revision of S1-153043.*Revision of S1-153115.No presentation |
| Cont | [S1-153205](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153205.zip) | Nokia Networks | New Work Item on Realiable Communications | Agreed | *Revision of S1-153043.**Revision of S1-153115.**No presentation*Revision of S1-153173 to add more supporting companiesNo presentation |
| Cont | [S1-153059](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153059.zip) | LG Electronics Inc. | Proposed study on New Services and Markets Technology Enablers for enhanced Mobile Broadband Service | Revised to S1-153116 |  |
| Cont | [S1-153091](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153091.zip) | Huawei, Hisilicon | New study item on New Services and Markets Technology Enablers for enhanced Mobile Broadband – SMARTER-eMBB | Revised to S1-153116 |  |
| Cont | [S1-153116](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153116.zip) | Huawei, Hisilicon | New study item on New Services and Markets Technology Enablers for enhanced Mobile Broadband – SMARTER-eMBB | Revised to S1-153174 | Merge of S1-153091 and S1-153059. |
| Cont | [S1-153174](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153174.zip) | Huawei, Hisilicon | New study item on New Services and Markets Technology Enablers for enhanced Mobile Broadband – SMARTER-eMBB | Revised to S1-153198 | *Merge of S1-153091 and S1-153059.*Revision of S1-153116.No presentation |
| Cont | [S1-153198](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153198.zip) | Huawei, Hisilicon | New study item on New Services and Markets Technology Enablers for enhanced Mobile Broadband – SMARTER-eMBB | Agreed | *Merge of S1-153091 and S1-153059.**Revision of S1-153116.**No presentation*Revision of S1-153174 to add more supporting companiesNo presentation |
| Cont | [S1-153063](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153063.zip) | LG Electronics Inc. | Proposed study on New Services and Markets Technology Enablers for High Mobility and Vehicular Communications (HiV2X) | Revised to S1-153102 |  |
| Cont | [S1-153102](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153102.zip) | LG Electronics Inc. | Proposed study on New Services and Markets Technology Enablers for High Mobility and Vehicular Communications (HiV2X) | Revised to S1-153113 | Revision of S1-153063. |
| Cont | [S1-153113](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153113.zip) | LG Electronics Inc. | Proposed study on New Services and Markets Technology Enablers for High Mobility and Vehicular Communications (HiV2X) | Withdrawn | *Revision of S1-153063.*Revision of S1-153102. |
| Cont | [S1-153066](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153066.zip) | China Mobile | Study on New Services and Markets Technology Enablers – Network Operation | Revised to S1-153117 |  |
| Cont | [S1-153117](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153117.zip) | China Mobile | Study on New Services and Markets Technology Enablers – Network Operation | Revised to S1-153176 | Revision of S1-153066. |
| Cont | [S1-153176](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153176.zip) | China Mobile | Study on New Services and Markets Technology Enablers – Network Operation | Revised to S1-153183 | *Revision of S1-153066.*Revision of S1-153117.No presentation |
| Cont | [S1-153183](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153183.zip) | China Mobile | Study on New Services and Markets Technology Enablers – Network Operation | Revised to S1-153203 | *Revision of S1-153066.**Revision of S1-153117.*Revision of S1-153176 adding more supporting companiesNo presentation |
| Cont | [S1-153203](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153203.zip) | China Mobile | Study on New Services and Markets Technology Enablers – Network Operation | Agreed | *Revision of S1-153066.**Revision of S1-153117.**Revision of S1-153176 adding more supporting companies**No presentation*Revision of S1-153183 to add more supporting companies again.No presentation |
| * 1. **Outline / structure for the new Building Block TRsNOTE: An outline / structure for the new Building Blocks needs to be defined in order to enable contributions to specific sections for the SA#72 Anaheim meeting**
 |
| Cont | [S1-153042](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153042.zip) | Nokia Networks | Proposed structure for the BB TRs | Revised to S1-153118 |  |
| Cont | [S1-153118](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153118.zip) | Nokia Networks | Proposed structure for the BB TRs | Revised to S1-153178 | Merge of S1-153042 and S1-153096. |
| Cont | [S1-153178](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153178.zip) | Nokia Networks | Proposed structure for the BB TRs | Agreed | *Merge of S1-153042 and S1-153096.*Revision of S1-153118.The structure proposed in this document is agreed to be the basis for the TR skeletons of all the BB SIDsNo presentation |
| Cont | [S1-153096](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153096.zip) | KPN | Proposed structure for FS\_SMARTER Building Block TRs | Revised to S1-153118 |  |
| Cont | [S1-153020](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153020.zip) | Vodafone | TR Skeleton: Feasibility Study on New Services and Markets Technology Enablers for Massive Internet of Things | Revised to S1-153119 |  |
| Cont | [S1-153119](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153119.zip) | Vodafone | TR Skeleton: Feasibility Study on New Services and Markets Technology Enablers for Massive Internet of Things | Revised to S1-153177 | Revision of S1-153020. |
| Cont | [S1-153177](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153177.zip) | Vodafone | TR Skeleton: Feasibility Study on New Services and Markets Technology Enablers for Massive Internet of Things | Agreed | *Revision of S1-153020.*Revision of S1-153119. |
| Cont | [S1-153021](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153021.zip) | Vodafone | Scope and Overview: Feasibility Study on New Services and Markets Technology Enablers for Massive Internet of Things | Revised to S1-153120 |  |
| Cont | [S1-153120](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153120.zip) | Vodafone | Scope and Overview: Feasibility Study on New Services and Markets Technology Enablers for Massive Internet of Things | Revised to S1-153187 | Revision of S1-153021. |
| Cont | [S1-153187](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153187.zip) | Vodafone | Scope and Overview: Feasibility Study on New Services and Markets Technology Enablers for Massive Internet of Things | Agreed | *Revision of S1-153021.*Revision of S1-153120.No presentation |
| Cont | [S1-153060](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153060.zip) | LG Electronics Inc. | Proposal for eMBB TR Skeleton | Revised to S1-153121 |  |
| Cont | [S1-153121](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153121.zip) | LG Electronics Inc. | Proposal for eMBB TR Skeleton | Revised to S1-153180 | Merge of S1-153060 S1-153061 and S1-153092. |
| Cont | [S1-153180](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153180.zip) | LG Electronics Inc. | Proposal for eMBB TR Skeleton | Agreed | *Merge of S1-153060 S1-153061 and S1-153092.*Revision of S1-153121.Include editorial change |
| Cont | [S1-153061](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153061.zip) | LG Electronics Inc. | Introduction and Scope for eMBB TR | Revised to S1-153121 |  |
| Cont | [S1-153092](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153092.zip) | HUAWEI TECHNOLOGIES Co. Ltd. | TR Skeleton, scope and overview: Feasibility Study on New Services and Markets Technology Enhanced Mobile Broadband | Revised to S1-153121 |  |
| Cont | [S1-153064](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153064.zip) | LG Electronics Inc. | TR Skeleton Proposal for High Mobility and Vehicular Communications (HiV2X) | Withdrawn |  |
| Cont | [S1-153065](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153065.zip) | LG Electronics Inc. | Introduction and Scope for High Mobility and Vehicular Communications (HiV2X) TR | Withdrawn |  |
| Cont | [S1-153067](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153067.zip) | China Mobile Com. Corporation | TR Skeleton: Feasibility Study on New Services and Markets Technology Enablers for Network Operation | Revised to S1-153124 |  |
| Cont | [S1-153124](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153124.zip) | China Mobile Com. Corporation | TR Skeleton: Feasibility Study on New Services and Markets Technology Enablers for Network Operation | Revised to S1-153181 | Revision of S1-153067. |
| Cont | [S1-153181](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153181.zip) | China Mobile Com. Corporation | TR Skeleton: Feasibility Study on New Services and Markets Technology Enablers for Network Operation | Agreed | *Revision of S1-153067.*Revision of S1-153124. |
| Cont | [S1-153068](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153068.zip) | China Mobile Com. Corporation | Scope and Overview: Feasibility Study on New Services and Markets Technology Enablers for Network Operation | Revised to S1-153125 |  |
| Cont | [S1-153125](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153125.zip) | China Mobile Com. Corporation | Scope and Overview: Feasibility Study on New Services and Markets Technology Enablers for Network Operation | Revised to S1-153182 | Revision of S1-153068. |
| Cont | [S1-153182](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153182.zip) | China Mobile Com. Corporation | Scope and Overview: Feasibility Study on New Services and Markets Technology Enablers for Network Operation | Agreed | *Revision of S1-153068.*Revision of S1-153125. |
| Cont | [S1-153185](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153185.zip) | Nokia Networks | CriC TR skeleton | Agreed |  |
| Cont | [S1-153186](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153186.zip) | Nokia Networks | CriC proposed scope and introduction | Agreed |  |
| TR | S1-153188 | Rapporteur | mIoT TR v0.1.0 as outcome of this meeting and basis for future contributions | Agreed | *N*o presentation |
| TR | S1-153189 | Rapporteur | eMBB TRv0.1.0 as outcome of this meeting and basis for future contributions | Agreed | *N*o presentation |
| TR | S1-153190 | Rapporteur | CriC TRv0.1.0 as outcome of this meeting and basis for future contributions | Agreed | *N*o presentation |
| TR | S1-153191 | Rapporteur | NEO TRv0.1.0 as outcome of this meeting and basis for future contributions | Agreed | *N*o presentation |
| * 1. **Updates of existing use casesNOTE: Clarifications and corrections of the existing use cases in 22.891**
 |
| Cont | [S1-153028](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153028.zip) | IAESI, THALES | Up-date of use case 5.1 Ultra-reliable communications | Revised to S1-153131 | Use case 5.1 |
| Cont | [S1-153131](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153131.zip) | IAESI, THALES | Up-date of use case 5.1 Ultra-reliable communications | Revised to S1-153192 | *Use case 5.1*Revision of S1-153028. |
| Cont | [S1-153192](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153192.zip) | IAESI, THALES | Up-date of use case 5.1 Ultra-reliable communications | Agreed | *Use case 5.1**Revision of S1-153028.*Revision of S1-153131. |
| Cont | [S1-153049](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153049.zip) | Giesecke & Devrient, Gemalto, Morpho, Oberthur Technologies, TeliaSonera | Adding of security requirements to UC 5.1 | Revised to S1-153132 | Use case 5.1 |
| Cont | [S1-153132](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153132.zip) | Giesecke & Devrient, Gemalto, Morpho, Oberthur Technologies, TeliaSonera | Adding of security requirements to UC 5.1 | Revised to S1-153193 | *Use case 5.1*Revision of S1-153049. |
| Cont | [S1-153193](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153193.zip) | Giesecke & Devrient, Gemalto, Morpho, Oberthur Technologies, TeliaSonera | Adding of security requirements to UC 5.1 | Agreed | *Use case 5.1**Revision of S1-153049.*Revision of S1-153132.No presentation |
| Cont | [S1-153038](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153038.zip) | Huawei, NEC, DT, ALU | E2E Resource Management for network slicing | Agreed | Resubmission of S1-152227Use case 5.2No presentation |
| Cont | [S1-153023](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153023.zip) | ZTE Corporation | Clause 5.2 – Network Slicing Clarifications | Revised to S1-153133 | Use case 5.2 |
| Cont | [S1-153133](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153133.zip) | ZTE Corporation | Clause 5.2 – Network Slicing Clarifications | Noted | *Use case 5.2*Revision of S1-153023. |
| Cont | [S1-153029](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153029.zip) | IAESI, THALES | Update of use case 5.2 “Network slicing” | Noted | Use case 5.2 |
| Cont | [S1-153073](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153073.zip) | Huawei | Slicing clarification | Revised to S1-153134 | Use case 5.2 |
| Cont | [S1-153134](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153134.zip) | Huawei | Slicing clarification | Agreed | *Use case 5.2*Revision of S1-153073. |
| Cont | [S1-153089](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153089.zip) | Cisco | Clarifications for network slicing examples | Revised to S1-153135 | Use case 5.2 |
| Cont | [S1-153135](file:///C%3A%5CUsers%5Cmyounge%5CDocuments%5C3GPP%5CSA1%5CTSGS1_71bis_adhoc_5G_Vancouver%5CInbox%5Cdocs%5CS1-153135.zip) | Cisco | Clarifications for network slicing examples | Agreed | *Use case 5.2*Revision of S1-153089.No presentation |
| Cont | [S1-153095](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153095.zip) | Ericsson | Network Slicing isolation | Revised to S1-153136 | Use case 5.2 |
| Cont | [S1-153136](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153136.zip) | Ericsson | Network Slicing isolation | Agreed | *Use case 5.2*Revision of S1-153095. |
| Cont | [S1-153022](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153022.zip) | ZTE Corporation | update Coexistence with legacy systems to support legacy device | Revised to S1-153100 | Use case 5.16 |
| Cont | [S1-153100](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153100.zip) | ZTE Corporation | update Coexistence with legacy systems to support legacy device | Revised to S1-153137 | *Use case 5.16*Revision of S1-153022. |
| Cont | [S1-153137](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153137.zip) | ZTE Corporation | update Coexistence with legacy systems to support legacy device | Noted | *Use case 5.16**Revision of S1-153022.*Revision of S1-153100. |
| Cont | [S1-153053](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153053.zip) | LG Electronics Inc. | Text communication with IoT devices | Revised to S1-153138 | Use case 5.19 |
| Cont | [S1-153138](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153138.zip) | LG Electronics Inc. | Text communication with IoT devices | Agreed | *Use case 5.19*Revision of S1-153053. |
| Cont | [S1-153009](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153009.zip) | NEC | Resolving editor's note on use case 5.21 (IoT Device Initialization) | Revised to S1-153104 | Use case 5.21 |
| Cont | [S1-153104](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153104.zip) | NEC | Resolving editor's note on use case 5.21 (IoT Device Initialization) | Revised to S1-153139 | *Use case 5.21*Revision of S1-153009. |
| Cont | [S1-153139](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153139.zip) | NEC | Resolving editor's note on use case 5.21 (IoT Device Initialization) | Noted | *Use case 5.21**Revision of S1-153009.*Revision of S1-153104. |
| Cont | [S1-153055](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153055.zip) | InterDigital, Qualcomm | SMARTER: Update to Use case 5.23: “Access from less trusted networks” | Revised to S1-153144 | Use case 5.23 |
| Cont | [S1-153144](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153144.zip) | InterDigital, Qualcomm | SMARTER: Update to Use case 5.23: “Access from less trusted networks” | Withdrawn | *Use case 5.23*Revision of S1-153055. |
| Cont | [S1-153094](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153094.zip) | Intel Corporation | Update Bio-connectivity use case to support software and firmware updates | Revised to S1-153140 | Use case 5.24 |
| Cont | [S1-153140](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153140.zip) | Intel Corporation | Update Bio-connectivity use case to support software and firmware updates | Agreed | *Use case 5.24*Revision of S1-153094. |
| Cont | [S1-153012](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153012.zip) | Huawei, Hisilicon, China Telecom, Sony, Gemalto, Intel, ETRI, MTK, ZTE, China Unicom | Update the Wearable Device Communication use case in SMARTER | Revised to S1-153141 | Use case 5.25 |
| Cont | [S1-153141](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153141.zip) | Huawei, Hisilicon, China Telecom, Sony, Gemalto, Intel, ETRI, MTK, ZTE, China Unicom | Update the Wearable Device Communication use case in SMARTER | Revised to S1-153194 | *Use case 5.25*Merge of S1-153012 and S1-153052. |
| Cont | [S1-153194](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153194.zip) | Huawei, Hisilicon, China Telecom, Sony, Gemalto, Intel, ETRI, MTK, ZTE, China Unicom | Update the Wearable Device Communication use case in SMARTER | Agreed | *Use case 5.25**Revision of S1-153012.*Revision of S1-153141.Add note that requirements are for 3GPP RAT but non-3GPP RAT also needs to be studied |
| Cont | [S1-153051](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153051.zip) | LG Electronics Inc. | Relaying using heterogeneous Access | Merged into S1-153141 | Use case 5.27 |
| Cont | [S1-153142](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153142.zip) | LG Electronics Inc. | Relaying using heterogeneous Access | Withdrawn | *Use case 5.27*Revision of S1-153051. |
| Cont | [S1-153008](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153008.zip) | NEC | SMARTER Service requirement on charging for multi RAT connections | Revised to S1-153143 | Use cases 5.27 and 5.28 |
| Cont | [S1-153143](file:///C%3A%5CUsers%5Cmyounge%5CDocuments%5C3GPP%5CSA1%5CTSGS1_71bis_adhoc_5G_Vancouver%5CInbox%5Cdocs%5CS1-153143.zip) | NEC | SMARTER Service requirement on charging for multi RAT connections | Approved | *Use cases 5.27 and 5.28*Revision of S1-153008.No presentation |
| Cont | [S1-153026](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153026.zip) | Huawei, NEC, DT, ALU | Addition of dynamically offloading traffic between RATs | Revised to S1-153145 | Use case 5.28 |
| Cont | [S1-153145](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153145.zip) | Huawei, NEC, DT, ALU | Addition of dynamically offloading traffic between RATs | Agreed | *Use case 5.28*Revision of S1-153026. |
| Cont | [S1-153030](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153030.zip) | IAESI, Thales, GM Onstar | Update of clause 5.33 “Connected vehicles” | Revised to S1-153146 | Use case 5.33 |
| Cont | [S1-153146](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153146.zip) | IAESI, Thales, GM Onstar | Update of clause 5.33 “Connected vehicles” | Revised to S1-153195 | *Use case 5.33*Revision of S1-153030. |
| Cont | [S1-153195](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153195.zip) | IAESI, Thales, GM Onstar | Update of clause 5.33 “Connected vehicles” | Agreed | *Use case 5.33**Revision of S1-153030.*Revision of S1-153146.Of the requirement additions, only the first one survivesNo presentation |
| Cont | [S1-153037](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153037.zip) | GM Onstar, IAESI | Update requirements for Use case 5.33 Connected Vehicles | Revised to S1-153147 | Use case 5.33 |
| Cont | [S1-153147](file:///C%3A%5CUsers%5Cmyounge%5CDocuments%5C3GPP%5CSA1%5CTSGS1_71bis_adhoc_5G_Vancouver%5CInbox%5Cdocs%5CS1-153147.zip) | GM Onstar, IAESI | Update requirements for Use case 5.33 Connected Vehicles | Withdrawn | *Use case 5.33*Revision of S1-153037. |
| Cont | [S1-153031](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153031.zip) | IAESI, Thales | Update of use case 5.34 “Mobility on demand” | Revised to S1-153148 | Use case 5.34 |
| Cont | [S1-153148](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153148.zip) | IAESI, Thales | Update of use case 5.34 “Mobility on demand” | Revised to S1-153202 | *Use case 5.34*Revision of S1-153031. |
| Cont | [S1-153202](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153202.zip) | IAESI, Thales | Update of use case 5.34 “Mobility on demand” | Agreed | *Use case 5.34**Revision of S1-153031.*Revision of S1-153148 to remove the operational requirement.No presentation |
| Cont | [S1-153050](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153050.zip) | LG Electronics Inc. | Context Aware Networking | Approved | Use case 5.35No presentation |
| Cont | [S1-153032](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153032.zip) | IAESI, Thales | Update of clauses 5.45 and 5.46 (Industrial Automation) | Revised to S1-153149 | Use cases 5.45 and 5.46 |
| Cont | [S1-153149](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153149.zip) | IAESI, Thales | Update of clauses 5.45 and 5.46 (Industrial Automation) | Noted | *Use cases 5.45 and 5.46*Revision of S1-153032. |
| Cont | [S1-153070](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153070.zip) | ITRI | Update to clause 5.49 Network capability exposure | Revised to S1-153150 | Use case 5.49 |
| Cont | [S1-153150](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153150.zip) | ITRI | Update to clause 5.49 Network capability exposure | Revised to S1-153196 | *Use case 5.49*Revision of S1-153070. |
| Cont | [S1-153196](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153196.zip) | ITRI | Update to clause 5.49 Network capability exposure | Agreed | *Use case 5.49**Revision of S1-153070.*Revision of S1-153150. |
| Cont | [S1-153025](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153025.zip) | Huawei | Low-delay video coding | Withdrawn |  |
| Cont | [S1-153044](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153044.zip) | Nokia Networks Oy | General clean-up of TR 22.891 | Withdrawn |  |
| Cont | [S1-153013](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153013.zip) | Huawei, Hisilicon, China Telecom, Sony, Gemalto, ETRI, China Unicom, Deutsche Telekom | SMARTER Use Case for Wearable Device Charging | Moved to 3.5 |  |
| Cont | [S1-153085](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153085.zip) | Alcatel-Lucent | FS\_SMARTER cost clean up | Moved to 3.6 | Use cases 5.6, 5.20, 5.30, 5.41, 5.45, 5.46, 5.52, 5.58, and 5.59 |
| **3.4 + 3.5 New use cases / Update of existing use cases related to credentials / identifiers** |
| Cont | [S1-153045](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153045.zip) | Orange, Gemalto, G&D | Subscriber’s identity and credentials storage and management | Revised to S1-153126 |  |
| Cont | [S1-153126](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153126.zip) | Orange, Gemalto, G&D | Subscriber’s identity and credentials storage and management | Withdrawn | Revision of S1-153045. |
| Cont | [S1-153046](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153046.zip) | Giesecke & Devrient, Morpho, Gemalto, Oberthur Technologies | Device Theft Prevention / Device Identity Protection | Revised to S1-153127 |  |
| Cont | [S1-153127](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153127.zip) | Giesecke & Devrient, Morpho, Gemalto, Oberthur Technologies | Device Theft Prevention / Device Identity Protection | Revised to S1-153175 | Revision of S1-153046. |
| Cont | [S1-153175](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153175.zip) | Giesecke & Devrient, Morpho, Gemalto, Oberthur Technologies | Device Theft Prevention / Device Identity Protection | Revised to S1-153197 | *Revision of S1-153046.*Revision of S1-153127. |
| Cont | [S1-153197](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153197.zip) | Giesecke & Devrient, Morpho, Gemalto, Oberthur Technologies | Device Theft Prevention / Device Identity Protection | Agreed | *Revision of S1-153046.**Revision of S1-153127.*Revision of S1-153175.No presentation |
| Cont | [S1-153047](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153047.zip) | Giesecke & Devrient, Morpho, Gemalto, Oberthur Technologies | Identifier and Identity Protection | Noted |  |
| Cont | [S1-153048](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153048.zip) | Giesecke & Devrient, Morpho, Gemalto, Oberthur Technologies | Service related subscription management | Revised to S1-153128 |  |
| Cont | [S1-153128](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153128.zip) | Giesecke & Devrient, Morpho, Gemalto, Oberthur Technologies | Service related subscription management | Revised to S1-153179 | Revision of S1-153048. |
| Cont | [S1-153179](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153179.zip) | Giesecke & Devrient, Morpho, Gemalto, Oberthur Technologies | Service related subscription management | Noted | *Revision of S1-153048.*Revision of S1-153128. |
| Cont | [S1-153083](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153083.zip) | Orange, Gemalto | Subscriber’s identity and credentials storage and management to IOT Device | Noted | Update of Use case 5.21 |
| Cont | [S1-153084](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153084.zip) | Orange, Gemalto | Subscription security credentials Management | Noted | Update of Use case 5.22 |
| Cont | [S1-153086](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153086.zip) | Alcatel-Lucent | 5G Networks: A security perspective | Noted | Discussion |
| Cont | [S1-153087](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153087.zip) | Alcatel-Lucent | FS\_SMARTER security considerations | Revised to S1-153129 | Update of use cases 5.1, 5.17, 5.21, 5.38, and 6.1 |
| Cont | [S1-153129](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153129.zip) | Alcatel-Lucent | FS\_SMARTER security considerations | Noted | *Update of use cases 5.1, 5.17, 5.21, 5.38, and 6.1*Revision of S1-153087. |
| Cont | [S1-153088](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153088.zip) | Gemalto, Telecom Italia, Giesecke & Devrient GmbH, Morpho Cards GmbH, Oberthur Technologies | Subscription update service flow alignment in section 5.22.3 | Agreed | Update of use case 5.22 |
| Cont | [S1-153097](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153097.zip) | Ericsson | Industry Factory Automation- Access Security | Revised to S1-153130 | Update of use case 5.45 |
| Cont | [S1-153130](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153130.zip) | Ericsson | Industry Factory Automation- Access Security | Agreed | *Update of use case 5.45*Revision of S1-153097. |
| Cont | [S1-153090](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153090.zip) | Gemalto N.V., Giesecke & Devrient GmbH | IoT Device Initilization editor’s note removal | Withdrawn | Not available |
| * 1. **New use cases NOTE: New use cases for 22.891 should only be proposed where important aspects are clearly missing from the existing use cases**
 |
| Other new use cases |
| Cont | [S1-153039](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153039.zip) | Huawei, NEC, DT, ALU | E2E Resource Allocation and QoS Guarantee | Revised to S1-153151 | E2E resource managementResubmission of S1-152444 |
| Cont | [S1-153151](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153151.zip) | Huawei, NEC, DT, ALU | E2E Resource Allocation and QoS Guarantee | Withdrawn | *E2E resource management**Resubmission of S1-152444*Revision of S1-153039. |
| Cont | [S1-153071](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153071.zip) | LG Electronics Inc. KDDI | Diversified Connectivity | Revised to S1-153152 | Diversified connectivityResubmission of S1-152187 |
| Cont | [S1-153152](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153152.zip) | LG Electronics Inc. KDDI | Diversified Connectivity | Agreed | *Diversified connectivity**Resubmission of S1-152187*Revision of S1-153071. |
| Cont | [S1-153074](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153074.zip) | Qualcomm Incorporated | SMARTER: Use case for Automotive: Automated Cooperative Driving | Noted | V2XResubmission merge of S1-152275 and S1-152253 |
| Cont | [S1-153080](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153080.zip) | Huawei Technologies Co., Ltd. | Use Case Cooperative Short Distance Platooning (CoSdP) | Withdrawn | V2XResubmission of S1-152253 |
| Cont | [S1-153081](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153081.zip) | Huawei Technologies Co., Ltd. | use case see-through for assisted overtaking | Noted | V2XResubmission of S1-152254 |
| Cont | [S1-153076](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153076.zip) | Qualcomm Incorporated | SMARTER: Use case for Sensor and State Map Sharing | Noted | V2X |
| Cont | [S1-153075](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153075.zip) | Qualcomm Incorporated | SMARTER: Use case for multiple services with different subscriptions | Revised to S1-153153 | Multi operator Resubmission of S1-152280 |
| Cont | [S1-153153](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153153.zip) | Qualcomm Incorporated | SMARTER: Use case for multiple services with different subscriptions | Noted | *Multi operator* *Resubmission of S1-152280*Revision of S1-153075. |
| Cont | [S1-153062](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153062.zip) | Dish Network | SMARTER Use Case on Multi-Connectivity and Service Sharing across operators | Revised to S1-153107 | Multi operator |
| Cont | [S1-153107](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153107.zip) | Dish Network | SMARTER Use Case on Multi-Connectivity and Service Sharing across operators | Revised to S1-153155 | *Multi operator*Revision of S1-153062. |
| Cont | [S1-153155](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153155.zip) | Dish Network | SMARTER Use Case on Multi-Connectivity and Service Sharing across operators | Agreed | *Multi operator**Revision of S1-153062.*Revision of S1-153107. |
| Cont | [S1-153078](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153078.zip) | Huawei Technologies Co., Ltd. | Use case for moving ambulance and bio-connectivity | Revised to S1-153156 | BioconnectivityResubmission of S1-152245 |
| Cont | [S1-153156](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153156.zip) | Huawei Technologies Co., Ltd. | Use case for moving ambulance and bio-connectivity | Agreed | *Bioconnectivity**Resubmission of S1-152245*Revision of S1-153078. |
| Cont | [S1-153079](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153079.zip) | Huawei Technologies Co., Ltd. | On-demand deployment of physical access network infrastructure | Revised to S1-153157 | On demand network infrastructureResubmission of S1-152246 |
| Cont | [S1-153157](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153157.zip) | Huawei Technologies Co., Ltd. | On-demand deployment of physical access network infrastructure | Noted | *On demand network infrastructure**Resubmission of S1-152246*Revision of S1-153079. |
| Cont | [S1-153006](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153006.zip) | III | Use Case and Requirements for Broadband Direct Air to Ground Communications (DA2GC) | Revised to S1-153123 | Air to ground |
| Cont | [S1-153123](file:///C%3A%5CUsers%5Cmyounge%5CDocuments%5C3GPP%5CSA1%5CTSGS1_71bis_adhoc_5G_Vancouver%5CInbox%5Cdocs%5CS1-153123.zip) | III | Use Case and Requirements for Broadband Direct Air to Ground Communications (DA2GC) | Revised to S1-153158 | *Air to ground*Revision of S1-153006. |
| Cont | [S1-153158](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153158.zip) | III | Use Case and Requirements for Broadband Direct Air to Ground Communications (DA2GC) | Revised to S1-153199 | *Air to ground**Revision of S1-153006.*Revision of S1-153123. |
| Cont | [S1-153199](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153199.zip) | III | Use Case and Requirements for Broadband Direct Air to Ground Communications (DA2GC) | Agreed | *Air to ground**Revision of S1-153006.**Revision of S1-153123.*Revision of S1-153158.Only one requirement to state that Direct Air to Ground should be supportedNo presentation |
| Cont | [S1-153010](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153010.zip) | ETRI | eMVNO Service Providing Spectrum Sharing and Waveform Transparency | Revised to S1-153159 | Spectrum sharing |
| Cont | [S1-153159](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153159.zip) | ETRI | eMVNO Service Providing Spectrum Sharing and Waveform Transparency | Withdrawn | *Spectrum sharing*Revision of S1-153010. |
| Cont | [S1-153034](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153034.zip) | IAESI, THALES | Spectrum use case | Revised to S1-153160 | Spectrum sharing |
| Cont | [S1-153160](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153160.zip) | IAESI, THALES | Spectrum use case | Noted | *Spectrum sharing*Revision of S1-153034. |
| Cont | [S1-153013](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153013.zip) | Huawei, Hisilicon, China Telecom, Sony, Gemalto, ETRI, China Unicom, Deutsche Telekom | SMARTER Use Case for Wearable Device Charging | Revised to S1-153161 | Charging |
| Cont | [S1-153161](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153161.zip) | Huawei, Hisilicon, China Telecom, Sony, Gemalto, ETRI, China Unicom, Deutsche Telekom | SMARTER Use Case for Wearable Device Charging | Revised to S1-153200 | *Charging*Revision of S1-153013. |
| Cont | [S1-153200](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153200.zip) | Huawei, Hisilicon, China Telecom, Sony, Gemalto, ETRI, China Unicom, Deutsche Telekom | SMARTER Use Case for Wearable Device Charging | Agreed | *Charging**Revision of S1-153013.*Revision of S1-153161 to replace one “shall” with “wil in the service flows.No presentation |
| Cont | [S1-153024](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153024.zip) | ZTE Corporation, Ministry of Interior France | Use case for Emergency assistant from normal UE | Revised to S1-153101 | Emergency / critical communication |
| Cont | [S1-153101](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153101.zip) | ZTE Corporation, Ministry of Interior France | Use case for Emergency assistant from normal UE | Revised to S1-153162 | *Emergency / critical communication*Revision of S1-153024. |
| Cont | [S1-153162](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153162.zip) | ZTE Corporation, Ministry of Interior France | Use case for Emergency assistant from normal UE | Noted | *Emergency / critical communication**Revision of S1-153024.*Revision of S1-153101. |
| Cont | [S1-153052](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153052.zip) | LG Electronics Inc. | Use case on Telemedicine support | Agreed | Emergency / critical communication |
| Cont | [S1-153027](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153027.zip) | Deutsche Telekom | Network Slicing Roaming Use Case | Revised to S1-153103 | Slicing / virtualization |
| Cont | [S1-153103](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153103.zip) | Deutsche Telekom | Network Slicing Roaming Use Case | Revised to S1-153164 | *Slicing / virtualization*Revision of S1-153027. |
| Cont | [S1-153164](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153164.zip) | Deutsche Telekom | Network Slicing Roaming Use Case | Agreed | *Slicing / virtualization**Revision of S1-153027.*Revision of S1-153103. |
| Cont | [S1-153033](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153033.zip) | IAESI, THALES | SDN concepts applied to lower layers of 3GPP system | Noted | Slicing / virtualization |
| Cont | [S1-153054](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153054.zip) | LG Electronics Inc. | Use case on Traffic relay and slicing | Noted | Slicing / virtualization |
| Cont | [S1-153056](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153056.zip) | Dish Network | New SMARTER Use Case on support for broadcast service | Revised to S1-153105 | Broadcast |
| Cont | [S1-153105](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153105.zip) | Dish Network | New SMARTER Use Case on support for broadcast service | Revised to S1-153165 | *Broadcast*Revision of S1-153056. |
| Cont | [S1-153165](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153165.zip) | Dish Network | New SMARTER Use Case on support for broadcast service | Agreed | *Broadcast**Revision of S1-153056.*Revision of S1-153105. |
| Cont | [S1-153057](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153057.zip) | Dish Network | New SMARTER Use Case on support for flexible broadcast content caching in 3GPP system | Revised to S1-153106 | Broadcast |
| Cont | [S1-153106](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153106.zip) | Dish Network | New SMARTER Use Case on support for flexible broadcast content caching in 3GPP system | Revised to S1-153163 | *Broadcast*Revision of S1-153057. |
| Cont | [S1-153163](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153163.zip) | Dish Network | New SMARTER Use Case on support for flexible broadcast content caching in 3GPP system | Revised to S1-153166 | *Broadcast**Revision of S1-153057.*Revision of S1-153106. |
| Cont | [S1-153166](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153166.zip) | Dish Network | New SMARTER Use Case on support for flexible broadcast content caching in 3GPP system | Agreed | *Broadcast**Revision of S1-153057.**Revision of S1-153106.*Revision of S1-153163. |
| Cont | [S1-153072](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153072.zip) | Nokia Networks | Proposed new use case on WLL | Revised to S1-153167 | Wireless Local Loop |
| Cont | [S1-153167](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153167.zip) | Nokia Networks | Proposed new use case on WLL | Agreed | *Wireless Local Loop*Revision of S1-153072. |
| Cont | [S1-153093](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153093.zip) | Dish Network | SMARTER Use Case on 5G Connectivity using satellites | Revised to S1-153108 | Satellite |
| Cont | [S1-153108](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153108.zip) | Dish Network | SMARTER Use Case on 5G Connectivity using satellites | Revised to S1-153168 | *Satellite*Revision of S1-153093. |
| Cont | [S1-153168](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153168.zip) | Dish Network | SMARTER Use Case on 5G Connectivity using satellites | Agreed | *Satellite**Revision of S1-153093.*Revision of S1-153108. |
| Cont | [S1-153082](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153082.zip) | Huawei Tech.(UK) Co., Ltd | use case of idle mode mobility support for ultra-light mobile devices | Withdrawn |  |
| * 1. **Other contributions to TR 22.891 (e.g. editorials)**
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| TR | [S1-153003](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153003.zip) | Rapporteur | TR 22.891 on FS\_SMARTER v1.0.0 (SP-150562) | Noted |  |
| Cont | [S1-153011](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153011.zip) | ETRI | Proposed Diagram for SMARTER Service | Revised to S1-153098 |  |
| Cont | [S1-153098](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153098.zip) | ETRI | Proposed Diagram for SMARTER Service | Agreed | Revision of S1-153011. |
| Cont | [S1-153085](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153085.zip) | Alcatel-Lucent | FS\_SMARTER cost clean up | Revised to S1-153122 | Use cases 5.6, 5.20, 5.30, 5.41, 5.45, 5.46, 5.52, 5.58, and 5.59 |
| Cont | [S1-153122](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153122.zip) | Alcatel-Lucent | FS\_SMARTER cost clean up | Agreed | *Use cases 5.6, 5.20, 5.30, 5.41, 5.45, 5.46, 5.52, 5.58, and 5.59*Revision of S1-153085. |
| Cont | [S1-153007](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153007.zip) | Institute for Information Industry (III) | Quantum Entanglement:Cryptography and Communication | Noted | For information |
| 1. **Work planning contributions**
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| * 1. **FS\_SMARTER status updateNOTE: Create a status update for delegates that could not attend the Vancouver meeting but want to contribute to the SMARTER work in Anaheim**
 |
| REP | [S1-153005](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153005.zip) | Rapporteur (Vodafone) | SMARTER status report | Revised to S1-153206 |  |
| REP | [S1-153206](file:///C%3A%5CUsers%5Cnorpahj%5CAppData%5CLocal%5CMy%20Local%20Documents%5C3GPP%5CSA1%20AH%20Vancouver%202015%5Cdocs%5CS1-153206.zip) | Rapporteur (Vodafone) | SMARTER status report | Noted | Revision of S1-153005. |
| 1. **Next meetings**
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| * 1. **Calendar**
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| **2015 meetings:**SA1#71a 19 – 21 Oct 2015 Vancouver, Canada Ad Hoc on SMARTERSA1#72 16 – 20 Nov 2015 Anaheim, CA, USA Mega meeting**2016 meetings:**SA1#73 1-5 Feb 2016 Okinawa, Japan (TBC)SA1#74 9-13 May 2016 Europe (TBD)SA1#75 22-26 Aug 2016 North America (TBD)SA1#76 7-11 Nov 2016 Tenerife, Spain (TBC)  |
| 1. **Any other business**
 |
| 1. **Close**
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| Close by 16:00 on Wednesday 21 October 2015 |