**3GPP SA3 Meeting #81-LI-e-b S3i210355**

**Online, 19th May 2021 – 21st May 2021** (revision of xx-yyxxxx)

**Source: BT Plc (SA3LI Chair)**

**Title: LI18 WID**

**Document for: Approval**

**Agenda Item: 7**

3GPP™ Work Item Description

Information on Work Items can be found at <http://www.3gpp.org/Work-Items>
See also the [3GPP Working Procedures](http://www.3gpp.org/specifications-groups/working-procedures), article 39 and the TSG Working Methods in [3GPP TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm)

# Title: Lawful Interception Rel-18

## Acronym: LI18

## Unique identifier: *TBC*

Potential target Release: Rel-18.

## 1 Impacts

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Affects:** | UICC apps | ME | AN | CN | Others (specify) |
| **Yes** |  |  | X | X |  |
| **No** | X | X |  |  |  |
| **Don't know** |  |  |  |  |  |

## 2 Classification of the Work Item and linked work items

### 2.1 Primary classification

|  |  |
| --- | --- |
| X | Feature |
|  | Building Block |
|  | *Work Task* |
|  | Study Item |

### 2.2 Parent Work Item

|  |
| --- |
| Parent Work / Study Items  |
| Acronym | Working Group | Unique ID | Title (as in 3GPP Work Plan) |
|  |  |  |  |

None.

### 2.3 Other related Work Items and dependencies

Other Work Items and dependencies will develop as SA2, SA3, SA5, SA6, CT1 and RAN groups progress their work during R18.

## 3 Justification

3GPP Release 18 adds functionality and capabilities to Release 17 and earlier. National LI requirements will apply to a portion of these Release 18 enhancements and the 3GPP LI service needs to be extended to accommodate these enhancements. LI considerations are necessary at least for following topics:

* 5G core network and NR
* 3GPP Services (eg Voice and enhanced location)

In addition, services or features from prior releases which have not been addressed by the LI service specifications or where LI regulations have changed may be considered in Release 18 as needed by service deployments and national requirements.

## 4 Objective

The objective of this work item is to enhance the 3GPP LI service to accommodate Release 18 service enhancements and extensions.

Enhancements to TS 33.126 will address LI Service Stage 1 requirements.

Enhancements to TS 33.107 and TS 33.127 will address LI Architectures and LI functions, LI stage 2.

Enhancements to TS 33.108 and TS 33.128 will address LI stage 3 aspects.

While the WID includes update of TS 33.107 and TS 33.108, this is for maintenance purposes only, with only minor changes to 33.107 and 33.108 expected.

## 5 Expected Output and Time scale

|  |
| --- |
| **Impacted existing TS/TR** *{One line per specification. Create/delete lines as needed}* |
| TS/TR No. | Description of change  | Target completion plenary# | Remarks |
| TS 33.107 | R17 maintenance of LI architecture and stage 2 functional requirements. | TSG-SA #9812/2022 | *Date subject to final R18 timeline for each Stage +6 months.* |
| TS 33.108 | R17 maintenance of LI stage 3 aspects supporting new and enhanced LI architecture elements added to TS 33.107 | TSG-SA #9903/2023 | *Date subject to final R18 timeline for each Stage +6 months.* |
| TS 33.126 | Addition of LI R17 stage 1 requirements. | TSG-SA #966/2022 | *Date subject to final R18 timeline for each Stage +6 months.* |
| TS 33.127 | Addition of LI R17 Stage 2 architecture and functionality. | TSG-SA #9812/2022 | *Date subject to final R18 timeline for each Stage +6 months.* |
| TS 33.128 | Addition of LI R17 Stage 3 functionality | TSG-SA #9903/2023 | *Date subject to final R18 timeline for each Stage +6 months.* |

## 6 Work item Rapporteur(s)

Alex Leadbeater, BT, alex.leadbeater@bt.com

Koen Jaspers, PIDS, kbj@xs4all.nl, TS 33.126, TS 33.127 & TS 33.107

Nag Rao, Nokia, nagaraja.rao@nokia.com, TS 33.128 & TS 33.108

## 7 Work item leadership

SA3-LI (SA3)

## 8 Aspects that involve other WGs

None identified yet.

## 9 Supporting Individual Members

|  |
| --- |
| Supporting IM name |
| BT Plc |
| Telefon AB LM Ericsson |
| Softel Systems Pty Ltd |
| Rogers Communications Canada |
| National Technical Assistance Centre (UK) |
| Ministère de l'Economie et des Finances |
| PIDS |
| AT&T |
| BfV |
| OTD |
| BKA |
| Nokia |
| Nokia Shanghai Bell |
| Telefonica |
| Bell Mobility |
| Verizon |
| Deutsche Telekom AG |
| T-Mobile USA |
| Public Safety Canada |
| ZITiS |
| OFCOM (CH) |
| LKA Niedersachsen |
| AGD |
| EVE Compliancy Solutions |
| Charter Communications, Inc |
| Utimaco |
| BAE Systems |
| SS8 |
| Vodafone |
| BMWi |