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

**25-29 August 2025, Goteborg, Sweden** **(revision of S1-253135r1)**

**Source: Vodafone**

**Title: New WID on Lower Selection-priority for PLMN Selection**

**Document for: Agreement**

**Agenda Item: 6**

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: Lower Selection-priority for PLMN Selection

Acronym: LoSePLMN-REQ

Unique identifier:

Potential target Release: Rel-19

# 1 Impacts

{For Normative work, identify the anticipated impacts. For a Study, identify the scope of the study}

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

# 2 Classification of the Work Item and linked work items

## 2.1 Primary classification

### This work item is a …

|  |  |
| --- | --- |
|  | Study  |
| x | Normative – Stage 1 |
|  | Normative – Stage 2 |
|  | Normative – Stage 3 |
|  | Normative – Other\* |

**\* Other = e.g. testing**

## 2.2 Parent Work Item

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

### 2.3 Other related Work Items and dependencies

|  |
| --- |
| Other related Work /Study Items (if any) |
| Unique ID | Title | Nature of relationship |
|  |  |  |

# 3 Justification

Some networks may offer very limited capacity or services capabilities and it may be beneficial to assign them to a lower PLMN selection priority than other PLMNs with higher-capacity or higher service capabilities identified during PLMN selection.

This would avoid UEs attempting to select and register on such networks when other PLMNs are available.

# 4 Objective

The objective of this work is:

* To add priority rules for both automatic and manual PLMN selection that take into consideration Operator Controlled Lower Selection-priority PLMNs.

# 5 Expected Output and Time scale

|  |
| --- |
| New specifications {One line per specification. Create/delete lines as needed} |
| Type  | TS/TR number | Title | For info at TSG#  | For approval at TSG# | Rapporteur |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

|  |
| --- |
| Impacted existing TS/TR {One line per specification. Create/delete lines as needed} |
| TS/TR No. | Description of change  | Target completion plenary# | Remarks |
| 22.011 | Complete PLMN selection with the Lower Selection-priority for PLMN Selection | TSG#109 |  |

# 6 Work item Rapporteur(s)

Cristina Romaguera, cristina.romaguera@vodafone.com

# 7 Work item leadership

SA1

# 8 Aspects that involve other WGs

# 9 Supporting Individual Members

|  |
| --- |
| Supporting IM name |
| Vodafone |
| Qualcomm |
| Deutsche Telekom |
| Verizon |
| KDDI |
| Interdigital |
| BT |
| T-Mobile USA |
| KPN |
| Rakuten Mobile |
| Apple |