**3GPP TSG-SA5 Meeting #154 *S5-241981***

Changsha, China, 15 April - 19 April 2024

**Source: ZTE Corporation, China Mobile**

**Title: pCR TR 28.914 add use case, requirements and solution for customized intent report**

**Document for: Approval**

**Agenda Item: 6.19.3**

# 1 Decision/action requested

***The group is asked to discuss and agree on the proposal.***

# 2 References

[1] Study on intent driven management service for mobile network phase 3 v0.0.0

[2] SP-231737 "Study on intent driven management services for mobile network phase 3"

# 3 Rationale

When MnS Consumer expresses the intent expectation to MnS Producer, the MnS Consumer may have some requirements on Intent report (e.g., receive periodical and automated intent reports on a specific expectation target). It proposes to add key issue for introducing the MnS capability to enable MnS consumer to customize the content of intent report.

This contribution is related to WT-3 of the FS\_IDMS\_MN\_Ph3 SID [2], which is to investigate new requirements for additional intent driven management functionalities.

# 4 Detailed proposal

***Start of First change***

# 5 Use cases

### 5.X.3 Potential solutions

#### 5.X.3.i Potential solution #<i>: <Potential Solution i Customized Intent Report>

The existing intent IOC can be extended to support customized intent report by adding a new IntentReportControl <<datatype>>, which includes following attributes:

* “reportingType”, represents the type of IntentReports, which can be one/any/all of “IntentFulfilmentReport”, “IntentConflictReport”, and “IntentFeasibilityCheckReport”.
* “reportingTime”, represents the specified time condition for intent reporting. For example, it can be an interval, a specific time, or a time window.
* “reportingTargets”, represents the specified targets needed to be reported and corresponding conditions. This attribute can be a <<dataType>>, including targetName, targetCondition, and targetValueRange that are already defined in TS 28.312.

### 5.X.4 Evaluation of potential solutions

***End of First change***