**3GPP TSG-SA5 Meeting #162 *S5-254026d1***

Goteborg, Sweden, 25 - 29 August 2025

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Beijing, China, 16 - 19 September 2025

**Title: Presentation of Specification to TSG:
TS 28.561, Version <1.1.0>**

**Source: SA5**

**Document for: Approval**

**Abstract of document:**

The document TS 28.561 specifies the basic capabilities of NDT and how typical use cases can be addressed through NDT in the first version for the 5GA phase. It has further clarified the deployment and invocation relationships between NDT and existing automation functions (e.g., MDA) to enhance the capabilities of network analysis and behavioural modelling verification through their invocation.

The management solutions for Stages 2 and 3 have been documented to support the following five kinds of use cases: Control & Lifecycle Management, Network Automation, Verification, Data Generation, and Advanced NDT Capabilities. These solutions are based on introducing a new Management Service and associated network resource modelling for NDT, including NDT function, NDT job, NDT report, and the corresponding attributes.

**Changes since last presentation to SA Meeting #108:**

NDT Phase 1 has been fully completed, including stages 1, 2, and 3, the NDT relations with the existing automation functions have been clarified and all editor’s notes have been resolved.

**Outstanding Issues:**

None.

**Contentious Issues:**

None.

Change history of this document:

1999-11-17: original issue

2007-09-06: removal of references to Working Groups; bring names of TSGs up to date; correction of typo

2015-01-06: adds tdoc header & removes redundant information below