**Contribution:** IP-NNI Task Force

**Source:** Jim McEachern, Principal Technologist, ATIS

**Title:**  Support for STIR/SHAKEN Test Plans

**Introduction**

The ATIS Testbeds Focus Group identified several technical areas that would benefit from shared testbeds that could be used by many industry participants to validate emerging functionality in a realistic network configuration. It was recognized that in some cases it could be difficult for individual companies to justify developing a dedicated testbed, and that a shared testbed could be more cost effective. One important area identified for the testbed was the SHAKEN framework developed by the ATIS/SIP Forum IP-NNI Task Force.

**Discussion**

To support testing, the Testbeds FG developed test plans for each identified test area, including STIR/SHAKEN (see “Secure Telephone Identity Test Plan”, TLT-2018-00010R001). The STIR/SHAKEN test plan focused on tests covering the agreed scope of the SHAKEN framework and was developed in coordination with the IP-NNI Task Force. In fact, the primary STIR/SHAKEN test plan contributors have also been participating members of the IP-NNI TF. Moving forward, it was always intended that future updates and extensions to the STIR/SHAKEN test plan would continue to be coordinated with the IP-NNI TF to align with the SHAKEN specification.

The ATIS Testbeds Focus Group is nearing completion of all areas covered by the Testbeds FG, other than SHAKEN, and may sunset. However, SHAKEN testing could potentially continue for some time, and it is important to continue providing support for updates to the STIR/SHAKEN test plan if needed. Given that the IP-NNI TF would already be consulted concerning future test plan updates and recognizing that the IP-NNI TF has the best SHAKEN industry experts available, it has been suggested that responsibility for SHAKEN test plans be transferred to the IP-NNI TF.

**Proposal**

It is proposed that ongoing support for STIR/SHAKEN test plans be transferred to the IP-NNI Task Force. As per all IP-NNI documents, the IP-NNI TF would develop recommendations that would subsequently be approved by PTSC.