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| **TITLE:** | PTSC/ATIS SIP Forum IP-NNI TF Virtual Meeting Notes, October 3, 2019  |
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**PTSC/ATIS SIP Forum IP-NNI TF**

**Virtual Meeting – October 3, 2019**

**Meeting Notes**

# WELCOME & CALL TO ORDER

Martin Dolly (AT&T), PTSC Chair and IP-NNI TF Co-Chair, called the meeting to order and welcomed participants at 10:02 am ET on October 3, 2019.

# INTRODUCTIONS & SIGN IN

Mr. Dolly welcomed the attendees. The meeting participants are listed below:

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# REVIEW & APPROVAL OF AGENDA

The agenda was made available to participants via ATIS Workspace (AWS) as PTSC-2019-00136R001 / IPNNI-2019-107R001. Modifications were proposed and the agenda was approved as revised in PTSC-2019-00136R002 / IPNNI-2019-107R002.

# ATIS OP, IPR, ANTITRUST AND CONTRIBUTIONS NOTICES

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***Questions:*** *If there are any questions, comments, or concerns, participants should contact their company's legal counsel, the Committee leadership, ATIS staff, or ATIS legal counsel.*

It was asked if there were any patents to identify or disclose at this time. There were no patent disclosures made by the attendees.

# APPROVAL OF PREVIOUS MEETING NOTES

The following previous meeting notes were available in ATIS Workspace (AWS) for approval:

* PTSC-2019-00135R000 / IPNNI-2019-106R000, *Meeting notes from the September 9, 2019, PTSC/IP-NNI TF virtual meeting*

It was noted that there were no questions or comments regarding these meeting notes and they were accepted, without objection, as published.

# REVIEW OF ACTION ITEMS FROM PREVIOUS MEETINGS

Participants reviewed the open action items from the August 6-8, 2019, face-to-face meeting:

**Action Item:** Martin Dolly (AT&T) and Chris Wendt (Comcast) will work on a proposal for the IETF regarding SIP RPH.

* This action item will remain open.

**Action Item:** Martin Dolly (AT&T) and Terry Reese (Ericsson) will work on compiling the work necessary for SIP RPH within the relevant ATIS committees.

* This action item will remain open.

**Action Item:** Martin Dolly (AT&T) will reach out to relevant CT1 contacts, and George Foti (Ericsson) will reach out to CT2 regarding SIP RPH work items.

* This action item will remain open. It was noted that due to the current workload in 3GPP, this work item would not likely begin until January 2020.

# PTSC ISSUE DISCUSSION

# Issue S0113, ETS Call Flows

There were no contributions submitted for this Issue.

# Issue S0139, Invocation/Revocation of NS/EP Data Transport Services

* 1. **PTSC-2016-00037R001, Proposed Outline for TR on Invocation/Revocation of NS/EP Data Transport Services**

There were no contributions submitted for this Issue.

# Issue S0150, ATIS Standard on Signature-based Handling of SIP RPH Assertion using Tokens

* 1. **PTSC-2017-00029R001, Baseline text for draft ATIS Standard on Signature-based Handling of SIP RPH Assertion using Tokens**

There were no contributions submitted for this Issue.

# Issue S0156, Transport Level Packet Marking and Packet Scheduling Based on 5G QoS Parameters for NS/EP NGN-PS

* 1. **PTSC-2019-00023R002, National Security Emergency Preparedness Next Generation Network Priority Service (NS/EP NGN-PS): Transport Level Packet Marking and Packet Scheduling in 5GS (Baseline)**

There were no contributions submitted for this Issue.

# Issue S0157, Service Requirements for NS/EP NGN-PS voice, data, and video

* 1. **PTSC-2019-00072R000, Baseline: NS/EP NGN-PS Voice, Data, and Video Service Requirements**

There were no contributions submitted for this Issue.

# IP-NNI TOPIC DISCUSSION

# Verification Token Use Cases

* 1. **IPNNI-2017-00020R000, Verification Token Use Cases Baseline**

There were no contributions submitted for this Issue.

# SHAKEN Attestation and Origination Identifier

* 1. **IPNNI-2019-00003R005, ATIS Technical Report on a Framework for SHAKEN Attestation and Origination Identifier - Baseline Text**

There were no contributions submitted for this Issue.

# Signature-based Handling of SIP RPH Assertion Verification Token Use Cases

* 1. **IPNNI-2018-00084R001, Baseline text for the draft ATIS Standard on Signature-based Handling of SIP RPH Assertion using Tokens**

There were no contributions submitted for this Issue.

# Robo-Metrics

* 1. **IPNNI-2018-00083R001, Robo-Metrics Baseline**

There were no contributions submitted for this Issue.

# SHAKEN Roadmap

* 1. **IPNNI-2018-00038R003, SHAKEN Roadmap Baseline**

There were no contributions submitted for this Issue.

# SHAKEN data exchange between service providers and enterprises

* 1. **IPNNI-2018-00065R001, SHAKEN data exchange between service providers and enterprises Baseline**

There were no contributions submitted for this Issue.

# SHAKEN Calling Name and Rich Call Data Handling Procedures

* 1. **IPNNI-2019-00024R001, SHAKEN Calling Name and Rich Call Data Handling Procedures**

There were no contributions submitted for this Issue.

# SHAKEN Delegate Certificates

* 1. **IPNNI-2019-00021R001, SHAKEN Delegate Certificates**

There were no contributions submitted for this Issue.

# Best Current Practices on the protection of STIR/SHAKEN data between service providers and from service providers to enterprises

* 1. **IPNNI-2019-00055R000, Best Current Practices on the protection of STIR/SHAKEN data between service providers and from service providers to enterprises (Baseline)**

There were no contributions submitted for this Issue.

# Study of Full Attestation Alternatives for Enterprises and Business Entities with Multi-Homing and Other Arrangements

* 1. **IPNNI-2019-00071R004, Study of Full Attestation Alternatives for Enterprises and Business Entities with Multi-Homing and Other Arrangements (Baseline)**
	2. **IPNNI-2019-00102R000,** **Methods to Determine SHAKEN Attestation Levels Using Enterprise-Level Credentials and Telephone Number Letter of Authorization Exchange (Baseline)**
	3. **IPNNI-2019-00109R000, Proposed updates to IPNNI-2019-00102R000**

Doug Bellows (Inteliquent) presented this contribution, which proposes updates to the baseline document in IPNNI-2019-00102R000.

There was a concern noted with creating a new standard over this particular part of the application protocol at this stage. It was noted that the intent is to establish identity for administrative purposes. The user identity header is not meant to be sent across the carrier. This is for someone with a direct relationship with the customer who can identify that customer. The credentials of the administrative user for identity and user identity call signing would likely have different lifetimes in different parts of the network.

It was noted that this document was intended to be an expansion of one of the alternatives outlined in IPNNI-2019-00071R004, Study of Full Attestation Alternatives for Enterprises and Business Entities with Multi-Homing and Other Arrangements.

It was suggested to continue work on the Technical Report. Participants were encouraged to submit contributions for the next meeting.

**Agreement Reached:** This contribution was accepted as input to the baseline document. In IPNNI-2019-00102R000. The contribution will be reposted as the new baseline with the number IPNNI-2019-00102R001.

# Other Contributions

* 1. **IPNNI-2019-00108R000, Proposed updates to ATIS-1000074**

Terry Reese (Ericsson) presented this contribution, which proposes updates to ATIS-1000074.

It was suggested to be specific that the only claim of type “uri” is an ‘sos’ service “urn”.

**Action Item:** Terry Reese (Ericsson) to address destination claims of “uri” to refer to ‘sos’ type service “urn”.

There was discussion on additional use cases to add to this contribution. It was noted that it is possible to have alternate routing of an emergency call, such as when a particular PSAP cannot be reached due to congestion or the time of day. It was further noted that transfer of calls is another use case to consider.

It was noted that this contribution will be updated to become a revision of ATIS-1000074.

**Agreement Reached:** This contribution was accepted as contribution toward a new revision of ATIS-1000074.

**Action Item:** Terry Reese (Ericsson) to submit this contribution as a new draft baseline for a revision of ATIS-1000074 for the next meeting.

* 1. **IPNNI-2019-00110R000, Presentation on Toll-Free Number Administration**

Julio Armenta (Somos) presented this contribution, which contains a presentation on Toll-Free Number Administration.

This contribution was noted for information.

* 1. **IPNNI-2019-00112R000, Verification Failures when To header contains non-E.164 TN**

David Hancock (Comcast) presented this contribution, which presents verification failures when the To header contains non-E.164 TN.

**Action Item:** Comcast to bring in text for the next meeting on potential updates to ATIS-1000074 and/or 3GPP TS 24.229 related to this subject.

This contribution was noted for information.

# REVIEW OF ISSUE STATUS/TARGET RESOLUTION DATES

* IPNNI-2019-00016R009, *IP-NNI Document Tracker*

This contribution was noted for information.

* IPNNI-2019-00074R002, *SHAKEN Progress Tracker*

This contribution was noted for information.

# FUTURE WORK/ASSIGNMENTS/MEETINGS

The following virtual meetings were noted:

* October 23, 2019, 10:00am-2:00 pm ET

The following F2F meetings were noted:

* November 5-7, 2019 (Reston, VA, hosted by TNS)

# ANY OTHER BUSINESS

There was no other business at this time.

# ADJOURNMENT

Chris Wendt (Comcast) thanked participants for attending and adjourned the meeting at 12:15 pm ET on October 3, 2019.

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Notes submitted by:

Drew Greco, ATIS Committee Coordinator