**ATIS/SIP Forum IP-NNI Task Force**

**Virtual Meeting – August 31, 2020 | 10am-2pm ET**

**Meeting Agenda**

**IP-NNI TF Co-Chair:** Martin Dolly, AT&T (md3135@att.com)

**IP-NNI TF Co-Chair:** Chris Wendt, Comcast (chris\_wendt@comcast.com)

# WELCOME & CALL TO ORDER

# INTRODUCTIONS & SIGN IN

# REVIEW & APPROVAL OF AGENDA

# ATIS OP, IPR, ANTITRUST & CONTRIBUTIONS NOTICES *(SEE LAST PAGE)*

# APPROVAL OF PREVIOUS MEETING NOTES

* IPNNI-2020-00139R000, Meeting notes from the August 12-13, 2020, IP-NNI TF virtual meeting

# REVIEW OF ACTION ITEMS FROM PREVIOUS MEETINGS

* Martin Dolly (AT&T), Terry Reese (Ericsson), Chris Wendt (Comcast), Robert Dianda (Charter), Greg Schumacher (T-Mobile), and Jim McEachern (ATIS) will work on a proposal on STIR/SHAKEN for emergency networks to bring to IP-NNI.
* Martin Dolly (AT&T) will coordinate with Jurgen Axell (Ericsson) to solidify work on SIP RPH signing in support of emergency calling.
* Participants will provide misalignments between 3GPP and the IP-NNI TF to Martin Dolly (AT&T) in writing.

# IPNNI TOPIC DISCUSSION

# PTSC-LB-252, draft proposed ATIS Standard, Signature-based Handling of Asserted information using toKENs (SHAKEN): Governance Model and Certificate Management

* PTSC-2020-00110R000 / IPNNI-2020-00135R000, Closing letter for PTSC-LB-252
* PTSC-2020-00107R000 / IPNNI-2020-00134R000, Neustar comments
* PTSC-2020-00109R000 / IPNNI-2020-00137R000, Comcast comments
* IPNNI-2020-00138R000, AT&T comments

# PTSC-LB-253, draft proposed ATIS Technical Report, Technical Report on Operational and Management Considerations for SHAKEN STI Certification Authorities and Policy Administrators

* PTSC-2020-00118R000 / IPNNI-2020-00140R000, Closing letter for PTSC-LB-253
* PTSC-2020-00113R000 / IPNNI-2020-00142R000, Neustar comments

# ATIS-1000074.v002, SIGNATURE-BASED HANDLING OF ASSERTED INFORMATION TOKENS (SHAKEN)

* IPNNI-2020-00008R011, Signature-based Handling of Asserted information toKENs (SHAKEN) (Baseline)
* IPNNI-2020-00144R000, Proposal for Addressing the Application of SHAKEN Procedures to 9-1-1 Calls with Non-Dialable Callback Numbers

# ROBO-METRICS

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

# SHAKEN ROADMAP

* IPNNI-2020-00084R003, SHAKEN Roadmap (Baseline)

# SHAKEN CALLING NAME AND RICH CALL DATA HANDLING PROCEDURES

* IPNNI-2020-00025R007, SHAKEN Calling Name and Rich Call Data Handling Procedures (Baseline)

# BEST CURRENT PRACTICES ON THE PROTECTION OF STIR/SHAKEN DATA BETWEEN SERVICE PROVIDERS AND FROM SERVICE PROVIDERS TO ENTERPRISES

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

# METHODS TO DETERMINE SHAKEN ATTESTATION LEVELS USING ENTERPRISE LEVEL CREDENTIALS AND TELEPHONE NUMBER LETTER OF AUTHORIZATION EXCHANGE

* IPNNI-2020-00035R002, Methods to Determine SHAKEN Attestation Levels Using Enterprise-Level Credentials and Telephone Number Letter of Authorization Exchange (Baseline)

# SIGNATURE-BASED HANDLING OF SIP RPH ASSERTION USING TOKENS

* IPNNI-2020-00021R003, Updated Baseline Text for Draft ATIS Standard on SIP RPH Signing using PASSPorT Tokens (Baseline)

# SIP RPH AND PRIORITY HEADER SIGNING IN SUPPORT OF EMERGENCY CALLING

* IPNNI-2020-00010R009, Session Initiation Protocol (SIP) Resource-Priority Header (RPH) Signing in Support of Emergency Calling (Baseline)
* IPNNI-2020-00010R010, Session Initiation Protocol (SIP) Resource-Priority Header (RPH) Signing in Support of Emergency Calling (revmarked)
* IPNNI-2020-00010R011, Session Initiation Protocol (SIP) Resource-Priority Header (RPH) Signing in Support of Emergency Calling (clean)
* IPNNI-2020-00141R000, Proposed Updates to the Baseline on SIP RPH Signing for Emergency Calling to Mark ‘Verstat’ Values “Provisional”

# CENTRAL TN DATABASE APPROACH TO FULL ATTESTATION FOR ENTERPRISES WITH MULTI-HOMING AND/OR MULTI-TENANCY

* IPNNI-2020-00023R000, Central TN Database Approach to Full Attestation for Enterprises with Multi-Homing and/or Multi-Tenancy (Baseline)

# LEVERAGING MODEL FOR ORIGINATING ENTITY AUTHENTICATION – FULL ATTESTATION WITH AN ENTITY IDENTITY IN A SECURE TOKEN (LEMON-TWIST)

* IPNNI-2020-00026R002, Leveraging Model for Originating eNtity authentication – full aTtestation With an entity Identity in a Secure Token (LEMON-TWIST) (Baseline)

# SHAKEN: OUT-OF-BAND TOKEN TRANSMISSION

* IPNNI-2020-00058R006, Signature-based Handling of Asserted information using toKENs (SHAKEN): Out-of-Band Token Transmission (Baseline)

# TOLL-FREE CALLS IN THE SHAKEN FRAMEWORK

* IPNNI-2020-00092R007, ATIS Standard on Toll-Free Calls in the SHAKEN Framework (Baseline)
* IPNNI-2020-00129R000, Proposed changes to Toll-Free baseline

# ENTERPRISE IDENTITY ATTESTATION USING DISTRIBUTED LEDGER TECHNOLOGY

* IPNNI-2020-00122R000, SHAKEN: Enterprise Identity and TN allocation utilizing Distributed Ledger Technology for OSP Attestation, Technical Report (Initial Draft)

# ATIS-1000082.v002, TECHNICAL REPORT ON SHAKEN APIS FOR A CENTRALIZED SIGNING AND SIGNATURE VALIDATION SERVER

* IPNNI-2020-00128R000, ATIS-1000082.v002, Technical Report on SHAKEN APIs for a Centralized Signing and Signature Validation Server (Baseline)

# OTHER CONTRIBUTIONS

# REVIEW OF ISSUE STATUS/TARGET RESOLUTION DATES

* IPNNI-2020-00030R010, *IP-NNI Document Tracker*
* IPNNI-2020-00003R002, *SHAKEN for Public Safety Tracking Document*

# FUTURE WORK/ASSIGNMENTS/MEETINGS

Virtual meetings:

* Interim:
  + Wednesday, September 2, 10am-2pm ET
    - Deep dive on DLT
* Q4:
  + PTSC: Tuesday, November 10, 11am-1pm ET
  + IP-NNI TF: Tuesday, November 10, 2-4pm ET
  + IP-NNI TF: Wednesday, November 11, 11am-3pm ET
  + IP-NNI TF: Thursday, November 12, 11am-3pm ET

Face-to-Face meetings:

* TBD

# ANY OTHER BUSINESS

# ADJOURNMENT

**ATIS OP, IPR, Antitrust & Contributions Notices**

***ATIS Procedures:*** *ATIS Forum and Committee activities must adhere to the* [*ATIS Operating Procedures (OP) for ATIS Forums and Committees*](https://www.atis.org/01_legal/docs/OP.pdf)*.*

***Intellectual Property Rights (IPR):*** *In connection with the development of an ATIS deliverable that requires use of patented inventions, the ANSI Patent Policy as adopted by ATIS and as set forth in Section 10.4 of the OP shall apply. Under this policy:*

* *Disclosure of relevant patented inventions at the earliest possible time is encouraged.*
* *Neither the Forum or Committee nor its leaders can ensure the accuracy or completeness of any disclosure, investigate the validity or existence of a patent, or determine whether a patent is essential to the use of an ATIS deliverable.*
* *The discussion of licensing terms is prohibited in ATIS Forums and Committees.*
* *Patent disclosure and assurance statements consistent with the ATIS OP must be submitted in writing to the ATIS General Counsel.*

***Antitrust:*** *Attendees are reminded that participation in industry fora involves the potential for antitrust concerns or risks. To avoid such concerns/risks, participants should carefully observe the OP. Sensitive discussion topics such as price, costs, specific contractual terms, etc., should be avoided.*

***Contributions:*** *In order for ATIS to facilitate, promote, and disseminate its work, each contributor must grant ATIS the rights necessary to adapt, copy, and publicly distribute any contribution or submittal. Each contribution or document therefore is subject to unlimited perpetual, non-exclusive, royalty-free, world-wide rights, and license to ATIS of any copyrights in such a contribution. As a general rule, ATIS will not consider any contribution, presentation, or other input that is subject to any requirement of confidentiality or any restriction on its dissemination.*

***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.*