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

**Virtual Meeting – November 15, 2021 | 10am-1pm ET**

**Meeting Agenda**

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

**IP-NNI TF Co-Chair:** Chris Wendt, Somos (cwendt@somos.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-2021-001xxR000, Meeting notes from the November 3, 2021, IP-NNI TF virtual meeting

# REVIEW OF ACTION ITEMS FROM PREVIOUS MEETINGS

* Participants should review and discuss 603/607/608 codes and then make reference to this contribution (IPNNI-2021-00087R000).
[deferred from October 5 meeting]
* 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

# FNPRM: PSAP DO-NOT-CALL REGISTRY

* WTSC-IMSESINET-2021-00058R001, FNPRM (PS 21-343)

# ROBO-METRICS

* IPNNI-2021-00075R000, STIR/SHAKEN Metrics (Baseline)

# SHAKEN ROADMAP

* IPNNI-2021-00101R001, SHAKEN Roadmap (Baseline)
* IPNNI-2021-00112R000, Proposed updates to SHAKEN Roadmap

# 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)

# ATIS-1000074.v003, SIGNATURE-BASED HANDLING OF ASSERTED INFORMATION USING TOKENS (SHAKEN)

* IPNNI-2021-00102R000, Clean ATIS-1000074.v002 baseline (Baseline)
* IPNNI-2021-00102R001, Proposed baseline for ATIS-1000074.v003 (revmarked)
* IPNNI-2021-00102R002, Proposed baseline for ATIS-1000074.v003 (clean)
* IPNNI-2021-00114R001, Clarify ATIS-1000074 regarding only one “shaken” PASSporT in an INVITE

# ATIS-1000080.v005, SHAKEN: GOVERNANCE MODEL & CERTIFICATE MANAGEMENT

* IPNNI-2021-00100R002, Proposed baseline for ATIS-1000080.v005 (Baseline)
* IPNNI-2021-00103R003, Draft baseline for ATIS-1000080.v005 [revmarked]
* IPNNI-2021-00103R004, Draft baseline for ATIS-1000080.v005 [clean]

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

* Addition of statement pointing to 3GPP TS 24.229 [deferred from November 3]

# ATIS-1000085.v003, SHAKEN SUPPORT OF “DIV” PASSPORT TOKEN

* IPNNI-2021-00084R001, Draft baseline for ATIS-1000085.v003, *SHAKEN Support of “div” PASSporT Token* (Baseline)
* IPNNI-2021-00084R002, Draft baseline for ATIS-1000085.v003, *SHAKEN Support of “div” PASSporT Token* (revmarked) [deferred from November 3]
* IPNNI-2021-00084R003, Draft baseline for ATIS-1000085.v003, *SHAKEN Support of “div” PASSporT Token* (clean) [deferred from November 3]
* IPNNI-2021-00105R000, PASSporT signature validation when “div” PASSporT present [deferred from November 3]
* IPNNI-2021-00111R001, Proposed language for freshness check procedures [deferred from November 3]
* IPNNI-2021-00113R000, Proposed note to describe treatment of retargeted calls by pre-div (ATIS-1000074) implementations.
* IPNNI-2021-00115R000, Resolution of ATIS-1000085 editor's note

# ATIS-1000092.v002, SHAKEN DELEGATE CERTIFICATES

* IPNNI-2021-00029R011, Draft baseline for ATIS-1000092.v002, *SHAKEN Delegate Certificates* (Baseline)
* IPNNI-2021-00110R000, Contribution towards ATIS-1000092.v003 draft baseline [deferred from November 3]

# 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)

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

* IPNNI-2021-00026R001, 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-2021-00004R003, LEveraging Model for Originating eNtity Authentication – full aTtestation With an entity Identity in a Secure Token (LEMON TWIST) (Baseline)

# VOIP INTERCONNECTION OVER THE PUBLIC INTERNET

* IPNNI-2021-00059R000, VoIP Interconnection over the Public Internet (baseline)

# SHAKEN AUTHORITY MODELS

* IPNNI-2020-00166R000, Signature-based Handling of Asserted information using toKENs (SHAKEN): Authority models (baseline)

# TECHNICAL REPORT ON GOVERNANCE AND MANAGEMENT CONSIDERATIONS FOR DELEGATE CERTIFICATES

* IPNNI-2021-00015R001, Technical Report on Governance and Management Considerations for Delegate Certificates (baseline)

# DRAFT ANALYSIS OF SUPPORT OF RFC 8197 (UNWANTED) AND RFC 8688 (REJECTED) IN VOIP NETWORKS

* IPNNI-2021-00027R003, Draft Analysis of Support of RFC 8197 (Unwanted) and RFC 8688 (Rejected) in VoIP Networks (revmarked baseline)

# SHAKEN: INTERNATIONAL ATTESTATION AND CERTIFICATE FRAMEWORK

* IPNNI-2021-00058R000, SHAKEN: International Attestation and Certificate Framework (Baseline)

# OTHER CONTRIBUTIONS

# REVIEW OF ISSUE STATUS/TARGET RESOLUTION DATES

* IPNNI-2021-00018R016, *IP-NNI Document Tracker*
* IPNNI-2020-00003R002, *SHAKEN for Public Safety Tracking Document*

# FUTURE WORK/ASSIGNMENTS/MEETINGS

Virtual 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.*