SHAKEN IMPLEMENTATION STATUS

- **Service Providers:**
  - 344 SPs authorized
  - Mix of Large, medium and small SPs, urban and rural, wireline, wireless and interconnected VoIP

- **Certification Authorities:**
  - 9 CAs approved
  - 7 serving the broader industry
  - PMA continues to review Certification Practice Statements
Authorized STI Participants
STI-GA POLICY

- Funding Methodology
- Upcoming Policy Changes
- SPC token Access Policy
- SPC token Revocation & Reinstatement Policy
- Certificate Policy
FUNDING METHODOLOGY

- SHAKEN Framework Budget
  - STI-GA, STI-PA, Contingency Fund for other costs, such as Change Orders
- 2021 funding 100% via STI-PA Fees
  - Minimum - $825
  - Maximum - $283,950
  - 2021 Contribution Factor: .0001821
  - Shaken Framework fully funded for 2021
- 2022 funding 100% via STI-PA Fees
  - Contribution Factor: TBD
UPCOMING POLICY CHANGES

- Resp Org Access to SPC tokens
  - STI-GA Board voted to change policies necessary for Non-SP Resp Orgs to attain access to SPC tokens.

- Delegated Certificates
  - STI-GA Board voted to change policies necessary for the optional use delegate certificates in the SHAKEN ecosystem.
SPC TOKEN ACCESS POLICY

- Board's goal is to open SPC token access to as many service providers as possible while ensuring continued integrity and security of ecosystem

- Changed criteria
  - Have a current 499A on file with the FCC
  - Have been assigned and Operating Company Number
  - Have certified with the FCC that they have implemented STIR/SHAKEN or comply with the Robocall Mitigation Program requirements and are listed in the FCC database
  - Any SPs previously authorized under the direct access to TN criteria must meet the new criteria by July 30, 2021 or risk SPC token revocation.
SPC TOKEN ACCESS POLICY CONT’D

- Changed criteria for to allow Resp Orgs access
  - Have a current form 499A on file with the FCC, or can provide proof of payment of Annual Resp Org Fee to the FCC
  - Have been assigned an Operating Company Number (OCN), or a Resp Org ID
  - Have certified with the FCC that they have implemented STIR/SHAKEN or comply with the Robocall Mitigation Program requirements and are listed in the FCC database; or is a non-service provider Resp Org that has direct access to telephone numbers from the Toll-Free Number Administrator (TFNA).
REVOCATION & REINSTATEMENT POLICIES

- Revocation
  - Board process to withdraw SPC token access from a provider found to be abusing their SPC token access privileges
  - SPs must meet revised SPC token Access Policy by July 30, 2021
    - Notice will be given to non-compliant SPs prior to revocation.

- Reinstatement
  - A provider may seek reinstatement once their access has been revoked
  - Reinstatement based on provider Plan of Action to remedy issues

- FCC issued draft order determining its role in SPC token Revocation for decision at August 5, 2021 open meeting.
CERTIFICATE POLICY

- Certification Authority practices and policies that must be followed in order to be approved by the STI-PA to serve as trusted STI-CA in the SHAKEN ecosystem
- Issuance of new CP (version 1.2) due to changes to support optional use of delegate certificates and Resp Org Access to SPC tokens
  - All current STI-CAs must review new CP, make appropriate edits to their CPS and submit edited CPS for review and approval.
FUTURE FOCUS OF STI-GA

- Ensuring Funding for 2022
- Implementation and testing of
  - Delegate Certificate Functionality
  - Resp Org Access to SPC tokens
- Vetting Qualified Certification Authorities
- Further Evaluation of policy needed to appropriately secure the SHAKEN ecosystem
  - Methods to identify abuse of the SHAKEN ecosystem
- Continued coordination with the FCC
  - SP Access
  - Revocation and enforcement
- Considering international aspects of STIR/SHAKEN
OUTREACH & OTHER RESOURCES

- STI-GA Webinar Series
  - Webinar 1 – Understanding STI-GA Policy & Registering with the STI-PA
    - December 3, 2020
  - Webinar 2 – Working with a Certification Authority
    - January 21, 2021
  - Webinar 3 – What to do when you are ready to sign calls
    - February 25, 2021

- STI-GA Mid-Year Report
QUESTIONS?