

**North American Numbering Council (NANC)
Meeting Minutes
Wednesday, October 25, 2023**

Hon. Karen Charles, Chairwoman
Bridget Alexander White, Vice Chairwoman
Christi Shewman, Designated Federal Officer

Contact: NANC@fcc.gov

Contents:

- NANC Councilmember Attendance Record
- Meeting Agenda with Final Vote Record
- Meeting Presentations and Reports

A recording of the full meeting is available at <https://www.fcc.gov/about-fcc/advisory-committees/general/north-american-numbering-council>.

NANC Councilmember Meeting Attendance – 2023

In attendance yes/no:

Councilmember – Organization/Representative	Oct. 25
Chairwoman – NARUC – Massachusetts Dept. of Cable and Telecommunications <ul style="list-style-type: none"> • Commissioner Karen Charles 	X
Vice Chairwoman – Highline – JSI <ul style="list-style-type: none"> • Bridget Alexander White 	X
10x People, LLC <ul style="list-style-type: none"> • Lisa Marie Maxson • John Nakamura (Alt) 	X
800 Response Information Services, LLC <ul style="list-style-type: none"> • Heather Barrows 	X
Ad Hoc Telecommunications Users Committee <ul style="list-style-type: none"> • Susan Gately 	X
Alliance for Telecommunications Industry Solutions <ul style="list-style-type: none"> • Jackie Wohlgemuth • Thomas Goode (Alt) 	X
AT&T Inc. <ul style="list-style-type: none"> • Dr. Ola Oyefusi • George Guerra (Alt) 	X
Bandwidth <ul style="list-style-type: none"> • Greg Rogers • Lisa Jill Freeman (Alt) 	X
Brightspeed <ul style="list-style-type: none"> • Jeff Lanning 	X
Charter Communications <ul style="list-style-type: none"> • Glenn Clepper • Kathy Troughton (Alt) 	X
Comcast Corporation <ul style="list-style-type: none"> • Thomas Obasuyi • Beth O'Donnell (Alt) 	X
Competitive Carriers Association <ul style="list-style-type: none"> • Angela Simpson • Alexandra May (Alt) 	X
CTIA – The Wireless Association <ul style="list-style-type: none"> • Amy Bender 	X
Electronic Privacy Information Center <ul style="list-style-type: none"> • Chris Frascella 	X
Google LLC <ul style="list-style-type: none"> • Craig Lennon • Tracy Holick (Alt) 	X
INCOMPAS <ul style="list-style-type: none"> • Chris Shipley 	X
Lumen <ul style="list-style-type: none"> • Phil Linse 	X

Federal Communications Commission

Councilmember – Organization/Representative	Oct. 25
Maine Public Utilities Commission <ul style="list-style-type: none"> • Michael Johnson 	X
National Association of Attorneys General <ul style="list-style-type: none"> • Tracy Nayer • Amanda Wentz (Alt) 	X
National Association of State Utility Consumer Advocates <ul style="list-style-type: none"> • Barrett Sheridan 	X
New Mexico Public Regulation Commission <ul style="list-style-type: none"> • Brady Tolleson • Mike Ripperger (Alt) 	X
North Dakota Public Service Commission <ul style="list-style-type: none"> • Victor Schock • Geralyn Schmaltz (Alt) 	X
NTCA <ul style="list-style-type: none"> • Brian Ford • Tamber Ray (Alt) 	X
Peerless Network, Inc. <ul style="list-style-type: none"> • Patrick Phipps 	X
Public Service Commission of District of Columbia <ul style="list-style-type: none"> • Lara Howley Walt 	X
Sinch Voice <ul style="list-style-type: none"> • Allyson Blevins 	X
SIP Forum <ul style="list-style-type: none"> • Rich Shockey 	X
TDS Telecommunications LLC <ul style="list-style-type: none"> • Paul Nejedlo 	X
Telnyx <ul style="list-style-type: none"> • David Casem • Sarah Halko (Alt) 	X
T-Mobile <ul style="list-style-type: none"> • Rosemary Leist • Scott Freiermuth (Alt) 	X
USTelecom <ul style="list-style-type: none"> • John Bercu 	X
Verizon <ul style="list-style-type: none"> • Dana Crandall • Dyan Adams (Alt) 	X

Federal Communications Commission

Special Members (Non-Voting)	
iconectiv LLC <ul style="list-style-type: none">• Chris Drake• Cathy McMahon (Alt)	X
Somos, Inc. <ul style="list-style-type: none">• Joel Bernstein• Florence Weber (Alt)	X

A recording of the full meeting, including roll call, is available at <https://www.fcc.gov/about-fcc/advisory-committees/general/north-american-numbering-council>.

**North American Numbering Council (NANC) Meeting
Wednesday, October 25, 2023
Microsoft Teams/ Conference Call**

FINAL VOTE RECORD

A recording of the full meeting is available at
<https://www.fcc.gov/about-fcc/advisory-committees/general/north-american-numbering-council>.

Call to Order and Welcome

Honorable Karen Charles, NANC Chairwoman
Christi Shewman, NANC Designated Federal Officer (DFO)
[Vote: Not Applicable]

Roll Call, Announcements, and Recent News

Christi Shewman, NANC DFO
Honorable Karen Charles
[Vote: Not Applicable]

Federal Advisory Committee Act and Records Overview

Darice Gamble, Lead Records & Information Management Specialist, Office of
Managing Director, FCC
Paula Silberthau, Attorney Advisor, Office of General Counsel, FCC
[Vote: Not Applicable]

Secure Telephone Identity Governance Authority (STI-GA)

Report to the NANC

Brent Struthers, Alliance for Telecommunications Industry Solutions (ATIS),
Director – STI-GA
[Vote: Not Applicable]

North American Portability Management (NAPM), LLC

Report to the NANC

Deborah Tucker, Co-Chair, NAPM, LLC
[Vote: Not Applicable]

Numbering Administration Oversight Working Group (NAOWG)

Report to the NANC

Philip Linse, Co-Chair, NAOWG
[Vote: Not Applicable]

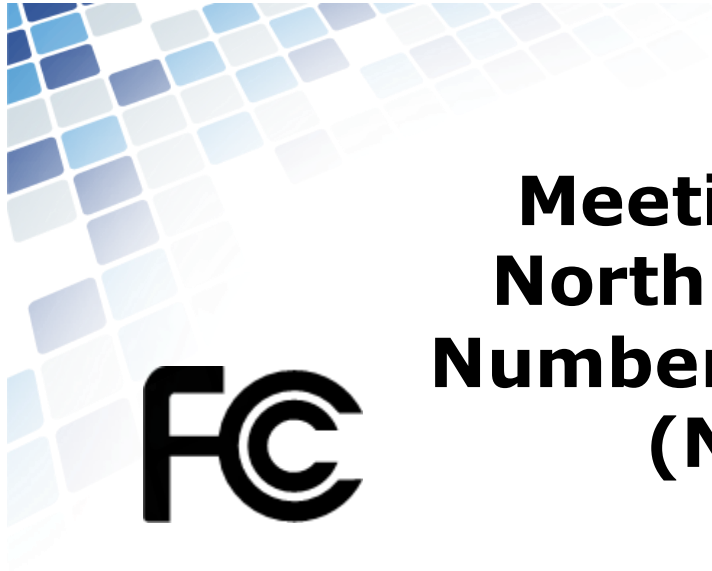
Public Comment and Participation

Honorable Karen Charles
[Vote: Not Applicable]

Wrap-Up

Honorable Karen Charles
[Vote: Not Applicable]

Adjourn



Meeting of the North American Numbering Council (NANC)

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Call to Order and Welcome

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**Roll Call,
Announcements,
and
Recent News**

FC ³

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Federal Advisory Committee Act and Records Overview

Darice Gamble
Lead Records & Information Management Specialist,
Office of Managing Director, FCC

Paula Silberthau
Attorney Advisor, Office of General Counsel, FCC



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Federal Recordkeeping Overview

Darice Gamble
Office of Managing Director

FC ⁵

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Questions?

FC 6

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**FEDERAL ADVISORY COMMITTEE ACT
RULES AND PRACTICES**

**Paula Silberthau
Office of General Counsel**

FC 7

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GENERAL INFORMATION

- The Federal Advisory Committee Act (FACA), 5 U.S.C. Ch. 10, governs the operations of most federal advisory committees (unless the committee is exempted by statute).
- Several guiding principles under FACA include:
 - Openness in government;
 - Diversity and balance in membership; and
 - Public accountability.

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TIMELY PUBLIC NOTICE OF MEETINGS

- The FACA requires that timely notice (generally 15 calendar days' notice) of each Committee meeting be published in the *Federal Register*.
- In addition, Committee meeting notices may also appear in Federal Communications Commission ("FCC") releases, Internet postings and other media.
- Meetings may include teleconferences, video conferencing and Internet-based conferences.



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PUBLIC ATTENDANCE

- The FACA requires that all parent Committee meetings be open to the public and permits submission of written statements to the Committee, subject to reasonable regulations.
- Members of the public may also speak to or address the Committee if FCC or Committee guidelines so permit.

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PUBLIC ATTENDANCE (cont.)

- Under certain limited circumstances (*e.g.*, where information to be discussed involves trade secrets, classified government materials, or national security matters related to foreign policy), the meetings or portions of the meetings may be closed with approval of the agency head and after prior notice in the *Federal Register*.
- The Committee cannot simply announce spontaneously at a meeting that parts of the meeting will be closed or that it will adjourn to another room to discuss a matter.



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DOCUMENT AVAILABILITY

- Under FACA, the Commission is required to keep minutes of meetings, including a record of the persons present at the Committee meetings and documents received, issued or approved by the Committee.
- These documents and all other Committee minutes, transcripts, reports, studies, etc., must be available for public inspection and copying (although they may be withheld under applicable FOIA exemptions). Information may also be posted on the Committee's website.



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CONTINUING ETHICS OBLIGATIONS

- Advisory Committee members have a continuing obligation to disclose any interest in, or connection to, persons or entities that are regulated by or have interests in matters that may come before the Committee that may present a conflict of interest or the appearance of a conflict of interest.
- Members must report any changes in representation or in employment during their tenure as members of the Advisory Committee. Please contact OGC ethics to discuss any conflict or appearance concerns and what action, if any (e.g. recusal), may be appropriate.

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ROLE OF THE COMMITTEE CHAIR AND VICE CHAIR

Duties include:

- Serving as focal point for Committee members;
- Providing input to the agency about establishing informal working groups;
- Conducting all Committee meetings and suggesting meeting agendas.

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DESIGNATED FEDERAL OFFICER

Duties include:

- Calling meetings and approving agendas;
- Attending meetings;
- Chairing and closing meetings as necessary;
- Maintaining all Committee records (*note that the DFO should be copied on all emails pertaining to the business of the Committee or its working groups);
- Ensuring taking of minutes at Committee meetings.

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FACA RECORD KEEPING

- Federal Advisory Committee records are to be maintained in accordance with General Records Schedule 6.2, Federal Advisory Committee Records.
- The disposition schedule (GRS 6.2) is media-neutral, meaning it applies to all records, regardless of format (paper, audiovisual, electronic, etc.).

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FACA RECORD KEEPING (cont.)

- Committee members are responsible for ensuring that the DFO has complete and accurate records that document the Committee's activities and those of all working groups, including all deliberations and decisions.
- Committee members should copy the DFO on all emails and other communications pertaining to the business of the Committee or its working groups and also copy the FACA-specific mailbox that will be provided to you by your DFO.

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INFORMAL WORKING GROUPS OR SUBCOMMITTEES

- Informal working groups *can*:
 - Gather information (but not through formal surveys);
 - Develop work plans;
 - Draft reports;
 - Discuss preliminary findings;
 - Meet in closed sessions without public notice;
 - Make recommendations to the parent FAC.

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- **INFORMAL WORKING GROUPS *cannot*:**
 - Function as the *de facto* parent advisory committee;
 - Make recommendations to the Committee that are “rubber stamped” without further action or consideration by the full Committee;
 - Make decisions that are binding on the Committee;
 - Speak on behalf of the full Committee without prior approval;
 - Make direct recommendations to the FCC. Recommendations may be made to the Commission only after formal vote by the full committee;



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- **INFORMAL WORKING GROUPS** *cannot (cont'd):*
- Conduct surveys that would be subject to the Paperwork Reduction Act (PRA). If a working group believes that a survey might be beneficial, it should so advise the DFO so that the Commission can evaluate whether to conduct the survey after obtaining PRA authorization.
- Alternatively, the working group might coordinate with the DFO to seek more general information through a public notice, if the DFO considers that appropriate.

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- **INFORMAL WORKING GROUPS** (*meetings*)
- Meetings conducted by informal working groups are not subject to the public participation and public notice requirements of the FACA so long as the above requirements are met. Therefore, sessions of working groups do not have to be open to the public.
- Typically, the number of Committee members serving on a working group should be less than a quorum of the full Committee. Otherwise, the meetings of working groups are likely to be considered meetings of the full Committee (requiring public notice).



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INFORMAL WORKING GROUPS (*meetings*):

- Working groups will meet at the call of the DFO and working group chair using an agenda approved by the DFO or FCC liaisons. The discussions among members at closed working group meetings should be treated as confidential. Although any member of the parent committee may attend and observe any meeting, a parent committee member should *not* participate in any working group meeting unless serving as a member of that group.

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INFORMAL WORKING GROUPS (*cont'd*):

- To gather information, a working group may invite third parties to make presentations at the group's closed meetings. However, once the third party has completed its presentation and answered questions, the individual should leave the meeting and not remain for the Working Group's internal deliberations.

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APPLICATION OF EX PARTE RULES

- The Commission's *ex parte* rules apply to presentations made to a Committee or its working groups and to presentations between Committee or working group members and FCC staff or Commissioners, unless otherwise treated as exempt pursuant to a Public Notice issued by a bureau or the Commission.

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- **APPLICATION OF EX PARTE RULES (cont.)**
- Typically the applicable bureau will issue such an exemption notice for presentations made to a Committee, including to its subcommittees and working groups (and at any roundtable discussions sponsored by the Committee), as well as presentations between Committee members (including members of any subcommittees or working groups) and FCC staff or Commissioners incidental to and in connection with such Committee meetings or roundtable discussions.

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APPLICATION OF EX PARTE RULES (cont.)

- This exemption would cover presentations from Committee members to FCC staff and Commissioners in other settings only to the extent that the Committee members are presenting the views of the Committee or its working groups, as opposed to an individual member's own views or that of a member's organization.

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- **OTHER PRACTICAL ISSUES: INDIVIDUAL VIEWS VS. ADVISORY COMMITTEE VIEWS**
- From time to time, members of a working group or full Committee may want to communicate their views to third parties about matters that may be pending before the advisory committee but not resolved yet by Committee vote.
- If that is the case, the individual member should make clear in any presentation that the views expressed on pending topics are only individual views, not those of the full Committee.

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- **OTHER PRACTICAL ISSUES: INDIVIDUAL VIEWS VS. ADVISORY COMMITTEE VIEWS (cont.)**
- Identification of an individual's association with the Committee or working group, if done without further qualifications, could create the erroneous impression that the views expressed are those of the full Committee when that is not the case.

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OTHER PRACTICAL ISSUES: INDIVIDUAL VIEWS VS. ADVISORY COMMITTEE VIEWS (cont.)

- A member who addresses a pending issue and describes his association with an advisory committee or working group may want to contact the DFO in advance to ensure that there is no suggestion that the member's own policy views are a position of the full Committee - - except in those cases where the Committee has already taken a formal, public vote adopting such a position.

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CHANGES IN REPRESENTATIVE MEMBER’S JOB

- Members (other than SGEs) are appointed to represent the perspective of their employers. If for any reason a member will no longer be employed by the entity the member was appointed to represent, that member should immediately so advise the DFO of the committee so that alternative arrangements can be made.

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Questions?

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A presentation slide with a blue and orange geometric background on the left. The text is centered on the right side. It includes the title 'STI-GA NANC UPDATE', the name 'Brent Struthers' and title 'STI-GA Director', the website 'https://sti-ga.atis.org/', and the date 'October 25, 2023'. The ATIS logo is in the bottom right corner of the slide area.

STI-GA NANC UPDATE

Brent Struthers
STI-GA Director

Website: <https://sti-ga.atis.org/>

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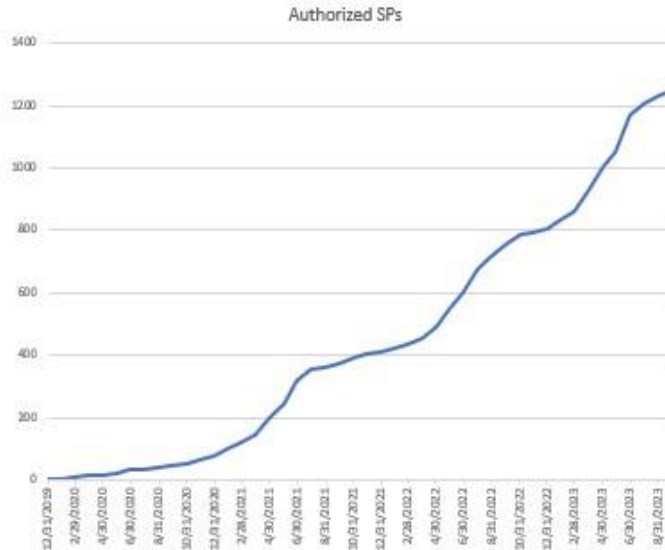


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SHAKEN Framework STI-PA Authorization

STI-PA Authorization

- 1250 service providers authorized as of 10/13/23
- Currently 14 authorized STI-CAs



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SHAKEN Framework Status

STI-GA Policy & Guidance

- Certificate Policy Version 1.4
 - The STI-GA Technical Committee is in the process of reviewing STI-GA revisions to Certification Practice Statements.
 - The first iteration of CPSs that may include the signing of the STI-GA recognized PASSporT extensions (rcd, rph, and div)

STI-PA System Changes

- Change Order 05
 - Change the mDaximum SPC token Lifetime to two weeks
 - New root certificate to be used in non-production environment
 - Certificate Revocation List treatment of expired STI Certificates
 - Testing to be completed October 2023, launch early November

STI-GA Framework Funding

- 2024 STI-PA Fees
 - STI-GA and STI-PA operations are funded with a fair share, sliding scale approach, leveraging a contribution factor so as to not be overly burdensome any particular participant
 - The budget to fund the SHAKEN framework for 2024 is the same as for 2023
 - 2024 Contribution Factor is .00002722
 - Maximum and minimum payments stay the same
- SP Payments
 - The STI-GA directed the STI-PA to revoke the SPC tokens of ten authorized providers for non-payment.

STI-GA Outreach

- Illinois Broadband & Telecommunications Association
- SIPNOC 2023

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**North American Portability Management (NAPM) LLC
Report to NANC**

**Deborah Tucker
NAPM LLC Co-Chair**

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LNPA Contract Extension

- Under Amendment 34, the NAPM LLC has come to agreement with iconectiv to extend the LNPA contract until May 2031
- Official approval pending FCC Order – See WC Docket No. 23-337 / Public Notice DA 23-940

Statements of Work & Contract Amendments

- No new SOWs or Contract Amendments

NPAC Activity & Releases

- Release 5.2
 - Includes functionality for CO 561 (Portable NPA-NXX Past Effective Date Validation) and CO 562 (Check for Associated –Xs When Deleting a Service Provider) and will include operational and usability enhancements
 - Deployment to Testbed 2 scheduled for mid-January 2024
 - Deployment to all seven production regions scheduled for February 4, 2024

Contract Implementation Committee (CIC)

- One new findings report for Providers of Telecommunications Related Services (PTRS Users that are non-Service Providers) to validate the need for NPAC data access was received and approved since the last NANC meeting
- 2023 Annual Continued Qualification Process for Service Providers and PTRS Users is complete

Other NAPM Activities

- The NAPM Security Advisory Committee (SAC), in conjunction with iconectiv, held security reviews with the FCC for all of 2022 (Annual) and the first half of 2023

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Appendix

NAPM LLC Role

Provide oversight and management of the Local Number Portability Administrator (LNPA) in accordance with the contract, orders and/or direction from the FCC.

Contact Information

Co-Chair– Deb Tucker, Verizon 615-478-3548 or Deborah.Tucker@verizonwireless.com
Co-Chair– Teresa Patton, AT&T– 972-989-5126 or TP1393@att.com

Meeting Information

The NAPM LLC meets monthly, a portion of each meeting is open for attendance by any interested party. The current meeting schedule is published on the NAPM LLC website <http://www.napmlc.org>

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**North American Numbering Council
(NANC)**

**Numbering Administration Oversight Working Group
(NAOWG)**

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Co-Chairs:

Philip Linse, Lumen

Lara Walt, Public Service Commission of the District of Columbia

Karen Riepenkroger, T-Mobile

FCC Liaisons:

William Andrie and Rebecca Maccaroni



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Area of Responsibility

- **Mission:** The Numbering Administration Oversight Working Group oversees the activities and reviews the performance of the North American Numbering Plan Administrator, and the Billing and Collection Agent. It also provides oversight of the Number Portability Industry Forum and the Reassigned Numbers Database Administrator.

- **FCC contract oversight of the following vendors**
 - North American Numbering Plan Administrator (NANPA) – Somos
 - NANPA – Administers the allocation of the North American Numbering Plan (NANP) numbering resources, the allocation of 1,000's Block Number Pooling, and the Routing Number Administration (RNA) for ANI numbering resources
 - Reassigned Numbers Database Administrator (RNDA) – Somos
 - RNDA – Administers the data that is provided into the RND and the service that is provided to callers.
 - Billing & Collections (B&C) Agent – Welch LLP
 - Bills and Collects from the Telecommunications industry for payment for the functions of the Agent, NANPA, Pooling Administrator (PA), and RNDA Vendors

- **Oversight of Number Portability Industry Forum (NPIF)**
 - NPIF is an industry group that provides recommendations related to number portability processes and interface requirement changes for the Number Portability Administration Center (NPAC) Service Management System (SMS).

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Contract Status

NANPA/RNDA:

- SomosGov, Inc. – Awarded combined NANPA/RNDA contract
 - Effective December 1, 2020
 - Five-year base duration, plus three one-year options (total up to eight years); current expiration November 30, 2025

B&C Agent:

- Welch LLP – Billing & Collections contract
 - Effective May 1, 2018
 - Five-year duration; expiration April 30, 2023
 - The contract has been extended and runs to April 30, 2024

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NANPA

- Reviewed NANPA monthly reports
 - North American Numbering Plan (NANP)
 - Pooling Administration (PA)
 - Routing Number Administration (RNA)

- Completed NANPA monthly/quarterly evaluations

- NANPA contract includes combining Number Administration System (NAS), Pooling Administration System (PAS), and Routing Number Administration System (RNAS)
 - NANPA anticipates completion of combined NAS (CNAS) **4Q of 2024**

- NANPA Website - <https://nationalnanpa.com/>

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RNDA

- Review RNDA monthly report
- Service Provider data upload by 15th of each month
- Service Provider data uploaded as of August 2023:
 - 369,074,728 total RND NANP numbers including Toll Free
 - 1,110 Service Providers/Service Provider Agents
 - >20M Disconnected Numbers Reported Monthly (Trend)
- Completed RNDA monthly/quarterly evaluation
- RND websites
 - RNDA website: <https://www.reassigned.us/>
 - FCC website: <https://www.fcc.gov/reassigned-numbers-database>

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Billing & Collections Agent

- Reviewed B&C Agent Reports
 - Monthly Review of Deliverables
 - NANPA Financials
 - RND Financials
 - Completed Monthly/Quarterly Evaluation

- NANP Fund Website – <https://nanpfund.com/>

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Number Portability Industry Forum (NPIF)

- The NPIF continues to meet on a monthly basis with a focus on general LNP industry issues including XML Interface improvements, Porting throughput increases, LSMS capacity planning, best practice updates and change order review.
- Examples of active issues currently being worked
 - Best Practice 073 related to Unauthorized Porting processes/procedures
 - Number Portability Administration Center (NPAC) to Local Service Migration System (LSMS) and Service Order Administration (SOA) potential performance and throughput enhancements
 - Potential updates or enhancements to NPAC/NANPA reporting processes/procedures related to code and/or block reclamation
- Chairs:
 - Deb Tucker – Verizon (deborah.tucker@verizonwireless.com)
 - Teresa Patton – AT&T (tp1393@att.com)
- NPIF Website – <https://workinggroup.numberportability.com/>



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Numbering Administration Oversight Working Group (NAOWG) Members

- ✓ 10x People
- ✓ AT&T
- ✓ Bandwidth
- ✓ Charter
- ✓ Comcast
- ✓ Cox
- ✓ District of Columbia PSC
- ✓ EPIC
- ✓ Highline
- ✓ Lumen
- ✓ Maine PUC
- ✓ Michigan PSC
- ✓ NASUCA
- ✓ NetNumber
- ✓ New Mexico PRC
- ✓ North Dakota PSC
- ✓ PACE
- ✓ Telnyx
- ✓ T-Mobile
- ✓ Verizon
- ✓ Washington UTC

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Future Meetings/Contact Information

2023 Meetings

October 19 November 16 December 14

2024 Meetings

January 25	May 23	September 26
February 22	June 20	October 24
March 28	July 25	November 21
April 25	August 22	December 19

Contact the Co-Chairs for complete meeting or conference call details

Philip Linse – philip.linse@lumen.com

Lara Walt – lwalt@psc.dc.gov

Karen Riepenkroger – karen.s.Riepenkroger@t-mobile.com



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Questions?

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Public Comments and Participation

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Wrap Up

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Adjourn

Certification of Minutes for Meeting of the North American Numbering Council

I, Karen Charles, Chairwoman of the North American Numbering Council, state that the above minutes are true and accurate, to the best of my knowledge and belief. Additional details of the meeting also may be found in the recorded videotape, available at <https://www.fcc.gov/about-fcc/advisory-committees/general/north-american-numbering-council> .

Karen Charles
Chairwoman
North American Numbering Council

Date