

Word or Phrase	Definition
[REDACTED]	[REDACTED]
New Network Service Provider (NNSP)	The NNSP is the service provider operating the switch to which the consumer's telephone number is moving. The NSP is the new service provider to which the consumer is moving and with which the consumer has a retail relationship. The two terms can represent the same entity. However, if the consumer is moving to a "reseller" then the reseller is the NSP and the PSTN switch operator is the NNSP.
[REDACTED]	[REDACTED]
North American Numbering Council (NANC)	The NANC was established by the FCC October 5, 1995 to provide advice and recommendations to the FCC and other governments (including those of Canada and the Caribbean countries) on numbering issues. NANC members include representatives from local exchange carriers [wireline carriers], interexchange carriers, wireless providers, manufacturers, state regulators, consumer groups, and telecommunications associations.
[REDACTED]	[REDACTED]
North American Portability Management, LLC (NAPM LLC)	The private entity with which Neustar contracts to provide the NPAC services in the U.S. The NAPM LLC is recognized by the FCC as representing the interests of the industry with respect to number portability. The NAPM LLC membership is limited to representatives of service providers subject to the FCC's LNP mandates.
[REDACTED]	[REDACTED]
NPAC Service Provider Identity (NPAC SPID)	A four-digit alpha-numeric value that identifies the owner of a record in the NPAC/SMS. The SPID is an NPAC account number and in most cases is drawn from the NPAC User's OCN. The SPID of the owner of a record is included in the data broadcast to the LSMs.
[REDACTED]	[REDACTED]
NPA-NXX-X	Representation of a pooled block. A range of 1000 pooled TNs within the NPA-NXX, beginning with X000 and ending with X999, where X is a value between 0 and 9. Pooled TNs require LRN routing unless their block is assigned to the switch to which

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	the block's NPA-NXX also is assigned
Number Portability Administration Center (NPAC)	Number Portability Administration Center is operated by a neutral third party, selected by the NAPM LLC for U.S. service and by the CLNPC for Canadian service. The NPAC performs administration functions for LNP. The term NPAC refers to the entire operation: both personnel and equipment. However, the term "NPAC SMS" sometimes is used interchangeably with the term "NPAC."
NXX	Term used typically to represent the 4th-6th digits of the ten-digit telephone number (N = any digit 2-9, X = any digit 0-9). Also representation of the 1st-3rd digits of the ten-digit telephone number.
Old Service Provider (OSP)	The term used to describe the service provider from which the consumer is moving and with which the consumer had a retail relationship.
Operating Company Number (OCN)	The OCN is assigned by NECA and is used as an identifier for inter-carrier transactions. The OCN of a service provider is used as its NPAC SPID.
Pooled Block	See Block
Pooling	Allows the assignment of numbers in blocks of 1,000 rather than requiring all 10,000 numbers to be assigned to the service provider to which an NPA-NXX is assigned.
Pooling Administrator	The neutral, third-party entity selected by the FCC to administer national number

Word or Phrase	Definition
(Pooling Administrator)	thousands-block pooling.
Ported TN	A TN ported to a switch that is not the switch to which the number's NPA-NXX is assigned.
Pseudo-LRN	A valid LRN is required when a number cannot be routed based on its dialed digits, so an NPAC record is created to show the LRN for that ported (or pooled) number. However, some number records are established in the NPAC/SMS for reasons other than a need for LRN-based routing. Some service providers find in such cases that the use of an intra-SP port to create a conventional NPAC/SMS record, i.e., one containing a valid LRN, is not feasible operationally. Instead a record is created containing a pseudo-LRN, i.e., an LRN with a value of 000-000-0000 in the LRN field in lieu of a valid LRN. The digit string in the LRN field of pseudo-LRN records means only that the number should be routed on dialed digits; that is, it is an instruction, not a route choice.
Rate Area	Allows a consumer's service location to be defined for purposes such as defining local calling plans and calculating distances to rate long distance calls. (Note: Distance is no longer a component of pricing most toll calls.) It is a geographic area represented by a single point (the "rate center"). The distance between the calling party's rate center and the called party's rate center is used to represent the distance between the two parties. Each NPA-NXX in the NANP (except special purpose codes such as those used for "toll free" numbers) is associated with a rate area. Porting a number has no impact on its rate area association.
Regional Bell Operating Company (RBOC)	An RBOC is a combination of Bell operating companies. Seven RBOC's were formed as a result of the AT&T divestiture.
Service Bureau (SB)	Third-party users of NPAC data that relay data between the NPAC and their clients.

Word or Phrase	Definition
Service Management System (SMS)	Used to manage records in a database. In the LNP context, the local SMS (LSMS) receives broadcasts from the NPAC SMS and updates the LSMS operator's downstream databases.
[REDACTED]	[REDACTED]
Service Portability	Service is not portable from one carrier to another. The term is used when a consumer remains with his service provider but changes his service, such a moving from POTS to ISDN.
[REDACTED]	[REDACTED]
Service Provider Portability (SPP)	The ability to port TNs when moving from one Local Service Provider to another.
[REDACTED]	[REDACTED]
Signal Transfer Point (STP)	A Signaling point in the Common Channel Signaling network with the function of transferring signaling messages from one signaling link to another. A packet switch that transmits messages between switches and other network components. Also transmits messages between switches in the process of normal call set-up and routing. Its function is analogous to a tandem switch in the PSTN. A node in the common channel signaling network.
[REDACTED]	[REDACTED]
Sub System Number (SSN)	Used as part of a DPC address on the SS7 network. (See DPC.)
[REDACTED]	[REDACTED]
Subscription Version (SV)	The TN-level record stored in the NPAC/SMS (and broadcast to LSMSs) that contains routing and other information for a telephone number that is ported or pooled (or has a pseudo-LRN).
[REDACTED]	[REDACTED]

Word or Phrase	Definition
Switch	A device that can be controlled to interconnect two circuits. The local central office switch is used to provide the numbers it serves with the ability to be connected with any other number in the PSTN, i.e., it is the interface to the PSTN for the consumers it serves.

## Vendor Qualification Survey Cross Reference/Compliance Matrix

VQS Ref	Abbreviated Requirements/Instructions	Neustar Response Reference	Neustar Will Meet/ Exceed Requirements
1.2	Local Number Portability—Informational Only	NA	NA
1.4	Treatment of Information and confidentiality—Informational Only	NA	NA
1.6	Iasta Tool Training/Abbreviations and Terminology—Informational Only	NA	NA
2.	General Vendor Company Information—Header Only	2.0 Management Factors	NA
2.2	Provide Company name, address, POCs (primary and secondary) and POC information	Iasta Tool, Cover Letter	Yes
2.4	Please provide details of the ownership and organizational structure, including affiliates and subsidiaries, of the Respondent, including a listing of all Officers and members of the Board of Directors.	Iasta Tool Attachment	Yes
2.6	Publicly traded or privately held	Iasta Tool	Yes

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VQS Ref	Abbreviated Requirements/Instructions	Neustar Response Reference	Neustar Will Meet/ Exceed Requirements
2.8	Total number of employees	lasta Tool	
3.1	Information Only	NA	NA
3.3	LNP Experience Header Only		NA
3.3.2	Identify and describe all threatened, pending, or concluded lawsuits ....	lasta Tool Attachment	Yes
3.3.4	Provide three current client .....	lasta Tool Attachment	Yes
3.3.6	List three large client or customer...	lasta Tool Attachment	Yes
3.4	Neutrality Header Only	NA	NA
3.6	Acceptance of Key Business Terms and Conditions		

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VQS Ref	Abbreviated Requirements/Instructions	Neustar Response Reference	Neustar Will Meet/ Exceed Requirements
3.6.2	Question 2: The LNPA shall be compensated solely and exclusively from payments by Users pursuant to uniform and nondiscriminatory ...	NA	Yes
3.6.4	Question 4: The LNPA shall monitor its compliance with all Service Level Requirements ...	1.2.2, NPAC/SMS 1.3 Neustar's Approach to Operational Excellence	Yes
3.6.6	Question 6: The NAPM LLC shall have the right to terminate...	NA	Yes
3.6.8	Question 8 : .. The NUE Process	1.1, Administration Services, 1.3 Neustar's Approach to Operational Excellence	Yes
3.6.10	Question 10: ... deposit all technology and other ...	NA	Yes
3.6.12	Question 12: The LNPA shall organize itself by division, ...	3.7 Additional Qualification	No
3.6.14	Question 14: disaster recovery and backup plans...	1.2.4 NPAC/SMS Disaster Recovery, Backup, and Business Continuity	Yes
3.6.16	Question 16: .. not granting any exclusive right to provide Services in any Region.	NA	Yes

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VQS Ref	Abbreviated Requirements/Instructions	Neustar Response Reference	Neustar Will Meet/ Exceed Requirements
3.6.18	Question 18: User Data shall be maintained as confidential...	NA	Yes
3.6.20	Question 20: ...defend or settle, at its own expense, any and all claims and suits against ...	NA	Yes
3.6.22	Question 22: shall submit a list of all Sub-Contractor(s), ...	NA	Yes
3.6.24	Question 24: The governing law ... State of Delaware.	NA	Yes
3.6.26	Question 26: ... does not pass a mutually agreed upon Acceptance Plan set forth in the Master Agreement...	NA	Yes
3.6.28	Question 28: ... adopt and comply .. delivery schedule ..	NA	Yes
4.1	Conclusion: Information Only	NA	NA

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## Request for Proposal Cross Reference/Compliance Matrix

RFP Ref	Abbreviated Requirements/Instructions	Neustar Response Reference	Neustar Will Meet/ Exceed Requirements
1.2	Vendor RFP Response Instructions Information Only	NA	NA
1.4	LNP Information Only	NA	NA
1.6	Iasta SmartSource Tool Training, Abbreviations and Terminology	NA	NA
2.	Vendor Qualification Criteria—Header Only	NA	NA
2.2	Has the Respondent answered every question in the 2015-LNPA-VENDOR QUALIFICATION survey?	Iasta Tool	Yes
3.1	.. every question in the TRD survey and attached a summary...	Iasta tool, attachment Proposal Section 1.2, NPAC/SMS Overview	Yes
4.	Vendor Performance Audits—Header Only	NA	Na
4.2	Neutrality	1.3 Neustar's Approach to Operational Excellence, 2.3 Neustar's Neutrality	Yes

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RFP Ref	Abbreviated Requirements/Instructions	Neustar Response Reference	Neustar Will Meet/ Exceed Requirements
4.4	LNPA NPAC/SMS Data Center Operations Audit...	1.3 Neustar's Approach to Operational Excellence	Yes
4.6	Benchmarking Process	1.3 Neustar's Approach to Operational Excellence	Yes
5.1	Determination of Who Can Access the NPAC/SMS	1.1.1, Manage the User Administration Process	Yes
6.1	Overview of the Role and Responsibility of the LNPA to the NPAC and NPAC/SMS	NA	NA
6.3	Acceptance Testing	1.1.5 Support Industry Testing, 1.2.2 NPAC/SMS Functionality	
6.5	Help Desk Minimum Requirements	1.1.3 Address User Support Needs	Yes
6.7	Data Center Security	1.2.1.1, NPAC/SMS Data Center Layer, 1.4, Neustar's Security Program	Yes
6.9	Interactive Voice Response (IVR) Requirements	1.1.9 Provide IVR Services	Yes

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RFP Ref	Abbreviated Requirements/Instructions	Neustar Response Reference	Neustar Will Meet/ Exceed Requirements
7.	Required Enhancements and Future Considerations—Header Only	NA	NA
7.1.1	Alternative Interface	1.2.1.3 NPAC/SMS Application Layer	Yes
7.1.3	Elimination of NPAC/SMS support of Non-EDR	1.2.2.3 New Functionality for the Next Term	Yes
7.2.1	Automation of processes between the NPAC/SMS and the Pooling Administration System (PAS)	1.2.2.3 New Functionality for the Next Term	Yes
7.2.3	Inter-carrier Communications	1.2.2.3 New Functionality for the Next Term	Yes
7.2.5	PSTN to IP Transition	1.2.2.3 New Functionality for the Next Term	Yes
7.4	Additional Information Regarding Cloud Computing - Optional	1.2 Technical Design	NA
8.	NANC LNP Process Flows Header Only	NA	NA
9.	Service Level Requirements for Measurement and Reporting Header Only	NA	NA

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RFP Ref	Abbreviated Requirements/Instructions	Neustar Response Reference	Neustar Will Meet/ Exceed Requirements
9.2	Table of Contents for SLRs	NA	NA
9.4	SLR 1 - Service Availability	See 9.1 above	Yes
9.6	SLR 3 - Partial Service Unavailability	See 9.1 above	Yes
9.8	SLR 5 - SOA to NPAC Interface Transaction Rates	See 9.1 above	Yes
9.10	SLR 7 - SOA/LSMS Interface Availability	See 9.1 above	Yes
9.12	SLR 9 - NPAC/SMS Partial Disaster Restoral Interval	See 9.1 above	Yes
9.14	SLR 11 - Administration of any NPAC/SMS Tables	See 9.1 above	Yes
9.16	SLR 13 - User Problem Resolution, Abandoned Call Rate	See 9.1 above	Yes
9.18	SLR 15 - User Problem Resolution, Commitments Met	See 9.1 above	Yes
9.20	SLR 17 - System Security, Security Error Log	See 9.1 above	Yes

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RFP Ref	Abbreviated Requirements/Instructions	Neustar Response Reference	Neustar Will Meet/ Exceed Requirements
9.22	SLR 19 - NPA Split/Mass Changes	See 9.1 above	Yes
9.24	SLR 21 - Unscheduled Service Unavailability Notification - Update	See 9.1 above	Yes
10.	NPAC User Methods & Procedures—Header Only	NA	NA
11.	Other LNPA Services—header only	NA	NA
11.2	Enhanced Platform for Law Enforcement Agencies and Public Safety Answering Point Providers	1.1.7 Validate Information for Law Enforcement Agencies and Telemarketers	Yes
11.4	LNPA Reports to FCC	1.1.11 Industry Reporting	Yes
12.1	Vendor Code of Conduct	lasta Tool Proposal Section 2.3 Neutrality	NA
12.3	Transition and Implementation Plan	1.6 Transition and Implementation	Yes
13.1	Term of the Master Agreements in Each Region	3.7 Additional Qualifications	Yes

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RFP Ref	Abbreviated Requirements/Instructions	Neustar Response Reference	Neustar Will Meet/ Exceed Requirements
13.3	Payment Terms ...	3.7 Additional Qualifications	Yes
13.5	Most Favored Customer	NA	Yes
14	Submitting Bids Header Only	NA	NA
14.1.1	Evaluation Criteria	Entire Proposal Response arranged according to evaluation criteria	Yes
14.3	Direct Charges	Iasta Tool, Proposal Section 3.4 Direct Charges	Yes
15.1	(OPTIONAL) Attach any supplemental documentation here.	Neustar's Technical, Management, and Price Proposal in response to VQS, RFP, and TRD Surveys	Yes
16.1	Next Steps	NA	NA

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## Technical Requirements Document Cross Reference/Compliance Matrix

TRD Ref	Abbreviated Requirements/Instructions	Neustar Response Section	Neustar Will Meet/ Exceed Requirements
1.2	Vendor TRD Response Instructions ... Information Only	NA	NA
1.4	Treatment of Subsequent NANC Change Orders	NA	Yes
2.0	TRD FRS Section 2: BUSINESS PROCESS FLOWS	NA	Yes
3.0	TRD FRS Section 3: NPAC DATA ADMINISTRATION—Header Only	NA	NA
3.2	TRD FRS Section 3: Sub Section 3.2: NPAC Personnel Functionality	NA	Yes
3.2.2	TRD FRS Section 3: Sub Section 3.2.2: Service Provider ID (SPID) Migration Update	NA	Yes
3.2.2.2	TRD FRS Section 3: Sub Section 3.2.2.2 Requirements	NA	Yes
3.2.2.4	TRD FRS Section 3: Sub Section 3.2.2.4: SPID Migration Reports	NA	Yes
3.4	TRD FRS Section 3: Sub Section 3.4: Additional Requirements	NA	Yes
3.4.2	TRD FRS Section 3: Sub Section 3.4.2: NPA-NXX Modification	NA	Yes

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TRD Ref	Abbreviated Requirements/Instructions	Neustar Response Section	Neustar Will Meet/ Exceed Requirements
3.4.4	TRD FRS Section 3: Sub Section 3.4.4: Pseudo-LRN in a Region Data Validations	NA	Yes
3.5.1	TRD FRS Section 3: Sub Section 3.5.1: NPA-NXX-X, NPA Splits	NA	Yes
3.6	TRD FRS Section 3: Sub Section 3.6: NPA-NXX Filter Management Requirements	NA	Yes
3.6.2	TRD FRS Section 3: Sub Section 3.6.2: NPA Level Filters	NA	Yes
3.8	TRD FRS Section 3: Sub Section 3.8: Notifications	NA	Yes
3.8.2	TRD FRS Section 3: Sub Section 3.8.2: Customer No New Concurrence: Notification Indicator	NA	Yes
3.8.4	TRD FRS Section 3: Sub Section 3.8.4: TN and Number Pool Block In Notifications	NA	Yes
3.9.1	TRD FRS Section 3: Sub Section 3.9.1: SV Type and Alternative SPID Indicators	NA	Yes
3.9.3	TRD FRS Section 3: Sub Section 3.9.3: URI Indicators	NA	Yes
3.9.5	TRD FRS Section 3: Sub Section 3.9.5: Pseudo-LRN Support Indicators	NA	Yes

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TRD Ref	Abbreviated Requirements/Instructions	Neustar Response Section	Neustar Will Meet/ Exceed Requirements
3.11	TRD FRS Section 3: Sub Section 3.11: Bulk Data Download Functionality	NA	Yes
3.11.2	TRD FRS Section 3: Sub Section 3.11.2: Network Data, Bulk Data Download	NA	Yes
3.11.4	TRD FRS Section 3: Sub Section 3.11.4: NPA-NXX-X Holder, Bulk Data Download	NA	Yes
3.11.6	TRD FRS Section 3: Sub Section 3.11.6: Notifications, Bulk Data Download	NA	Yes
3.12	TRD FRS Section 3: Sub Section 3.12: NPA-NXX-X Information	NA	Yes
3.12.2	TRD FRS Section 3: Sub Section 3.12.2: NPA-NXX-X Holder Information	NA	Yes
3.12.4	TRD FRS Section 3: Sub Section 3.12.4: NPA-NXX-X Holder, Addition	NA	Yes
3.12.6	TRD FRS Section 3: Sub Section 3.12.6: NPA-NXX-X Holder, Deletion	NA	Yes
3.12.8	TRD FRS Section 3: Sub Section 3.12.8: NPA-NXX-X Holder, Query	NA	Yes
3.13.1	TRD FRS Section 3: Sub Section 3.13.1: Version Status	NA	Yes
3.13.3	TRD FRS Section 3: Sub Section 3.13.3: Block Holder, Addition	NA	Yes

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TRD Ref	Abbreviated Requirements/Instructions	Neustar Response Section	Neustar Will Meet/ Exceed Requirements
3.13.5	TRD FRS Section 3: Sub Section 3.13.5: Block Holder, Deletion	NA	Yes
3.13.7	TRD FRS Section 3: Sub Section 3.13.7: Block Holder, Default Routing Restoration	NA	Yes
3.14	TRD FRS Section 3: Sub Section 3.14: Linked Action Replies	NA	Yes
3.15.1	TRD FRS Section 3: Sub Section 3.15.1: Sub System Number (SSN) Edit Flag Indicator	NA	Yes
3.16	TRD FRS Section 3: Sub Section 3.16: Low-Tech Interface DPC-SSN Validation Processing NPAC/SMS	NA	Yes
4.1	TRD FRS Section 4: Sub Section 4.1: Service Provider Data Administration and Management	NA	Yes
4.1.2	TRD FRS Section 4: Sub Section 4.1.2: System Functionality	NA	Yes
4.1.2.2	TRD FRS Section 4: Sub Section 4.1.2.2: Service Provider Data Modification	NA	Yes
4.1.3	TRD FRS Section 4: Sub Section 4.1.3: Service Provider Queries	NA	Yes
4.1.3.2	TRD FRS Section 4: Sub Section 4.1.3.2: System Functionality	NA	Yes

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TRD Ref	Abbreviated Requirements/Instructions	Neustar Response Section	Neustar Will Meet/ Exceed Requirements
4.2	TRD FRS Section 4: Sub Section 4.2: Additional Requirements	NA	Yes
5.1	TRD FRS Section 5: Sub Section 5.1: Subscription Version Management	NA	Yes
5.1.1.1	TRD FRS Section 5: Sub Section 5.1.1.1: Version Status	NA	Yes
5.1.2.1	TRD FRS Section 5: Sub Section: 5.1.2.1: User Functionality	NA	Yes
5.1.2.2.1	TRD FRS Section 5: Sub Section 5.1.2.2.1: Subscription Version Creation	NA	Yes
5.1.2.2.1.2	TRD FRS Section 5: Sub Section 5.1.2.2.1.2: Subscription Version Creation - Intra-Service Provider Ports	NA	Yes
5.1.2.2.2.1	TRD FRS Section 5: Sub Section 5.1.2.2.2.1: Modification of a Pending or Conflict Subscription Version	NA	Yes
5.1.2.2.3	TRD FRS Section 5: Sub Section 5.1.2.2.3: Subscription Version Conflict	NA	Yes
5.1.2.2.3.2	TRD FRS Section 5: Sub Section 5.1.2.2.3.2: Removing a Subscription Version from Conflict	NA	Yes
5.1.2.2.5	TRD FRS Section 5: Sub Section 5.1.2.2.5: Subscription Version Disconnect	NA	Yes
5.1.2.2.6.1	TRD FRS Section 5: Sub Section 5.1.2.2.6.1: Un-Do a "Cancel Pending" Subscription	NA	Yes

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TRD Ref	Abbreviated Requirements/Instructions	Neustar Response Section	Neustar Will Meet/ Exceed Requirements
5.1.3	TRD FRS Section 5: Sub Section 5.1.3: Subscription Queries	NA	Yes
5.1.3.2	TRD FRS Section 5: Sub Section 5.1.3.2: System Functionality	NA	Yes
5.1.4.1	TRD FRS Section 5: Sub Section 5.1.4.1: Subscription Version, General	NA	Yes
5.1.4.3	TRD FRS Section 5: Sub Section 5.1.4.3: Subscription Version, Block Create Validation of Subscription Versions	NA	Yes
5.1.4.5	TRD FRS Section 5: Sub Section 5.1.4.5: Subscription Version, Deletion for Number Pooling	NA	Yes
6.0	NPAC/SMS INTERFACES—Heading Only	NA	Yes
6.2	TRD FRS Section 6: Sub Section 6.2: NPAC/SMS to LSMS Interface	NA	Yes
6.4	TRD FRS Section 6: Sub Section 6.4: Interface and Protocol Requirements	NA	Yes
6.4.2	TRD FRS Section 6: Sub Section 6.4.2: Interface Performance Requirements	NA	Yes
6.4.4	TRD FRS Section 6: Sub Section 6.4.4: Request Restraints Requirements	NA	Yes

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TRD Ref	Abbreviated Requirements/Instructions	Neustar Response Section	Neustar Will Meet/ Exceed Requirements
6.5	TRD FRS Section 6: Sub Section 6.5: NPAC SOA Low-tech Interface Requirements	NA	Yes
6.7	TRD FRS Section 6: Sub Section 6.7: Recovery Requirements	NA	Yes
6.9	TRD FRS Section 6: Sub Section 6.9: Roll-Up Activity and Abort Behavior Requirements	NA	Yes
6.11	TRD FRS Section 6: Sub Section 6.11: Separate SOA Channel for Notifications Requirements	NA	Yes
7.0	SECURITY—Header Only	NA	Yes
7.2	TRD FRS Section 7: Sub Section 7.2: Identification Requirements	NA	Yes
7.3.1	TRD FRS Section 7: Sub Section 7.3.1: Password Requirements	NA	Yes
7.4.1	TRD FRS Section 7: Sub Section 7.4.1: System Access Requirements	NA	Yes
7.5	TRD FRS Section 7: Sub Section 7.5: Data and System Integrity	NA	Yes
7.6.1	TRD FRS Section 7: Sub Section 7.6.1: Audit Log Generation Requirements	NA	Yes

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TRD Ref	Abbreviated Requirements/Instructions	Neustar Response Section	Neustar Will Meet/ Exceed Requirements
7.7	TRD FRS Section 7: Sub Section 7.7: Continuity of Service	NA	Yes
7.9	OSI Security Environment	NA	Yes
7.9.2	TRD FRS Section 7: Sub Section 7.9.2: Security Services	NA	Yes
7.9.3.1	TRD FRS Section 7: Sub Section 7.9.3.1: Encryption	NA	Yes
7.9.3.3	TRD FRS Section 7: Sub Section 7.9.3.3: Integrity and Non-Repudiation	NA	Yes
7.9.3.5	TRD FRS Section 7: Sub Section 7.9.3.5: Audit Trail	NA	Yes
8.0	AUDIT ADMINISTRATION—Information Only	NA	Yes
8.2	TRD FRS Section 8: Sub Section 8.2: Service Provider User Functionality	NA	Yes
8.4	TRD FRS Section 8: Sub Section 8.4: System Functionality Requirements	NA	Yes
8.6	TRD FRS Section 8: Sub Section 8.6: Additional Requirements	NA	Yes
8.8	TRD FRS Section 8: Sub Section 8.8: Audit Processing in a Number Pool Environment Requirements	NA	Yes

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TRD Ref	Abbreviated Requirements/Instructions	Neustar Response Section	Neustar Will Meet/ Exceed Requirements
9.0	REPORTS—Information Only	NA	Yes
9.2	TRD FRS Section 9: Sub Section 9.2: National Number Pooling Reports Requirements	NA	Yes
9.3.1	TRD FRS Section 9: Sub Section 9.3.1: National Number Pooling Reports Requirements	NA	Yes
9.3.3	TRD FRS Section 9: Sub Section 9.3.3: Resend Excluded Service Provider Report Requirements	NA	Yes
10.1	TRD FRS Section 10: Sub Section 10.1: Availability and Reliability	NA	Yes
10.3	TRD FRS Section 10: Sub Section 10.3: Requirements Not Given a Unique ID	NA	Yes
11.1	TRD FRS Section 11: Sub Section 11.1: User Functionality	NA	Yes
12.0	TRD Detailed Response	NA	NA

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## EXECUTIVE SUMMARY

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### Why Neustar

- Neustar's exceptional service as the U.S. LNPA delivers billions of dollars in value to U.S. Service Providers, and enables telecom choice and competition for consumers and businesses
  - Our technology and management team have exceeded every expectation of performance, from a 99.94% service level achievement over the last five years to a 3.84 out of 4 industry satisfaction rating in 2012
  - Our proposal for LNPA service 2015-2022 includes invaluable innovations to support the communications industry's strategic priorities, including the transition to IP networks and machine-to-machine applications
  - Neustar's renewal for nationwide service eliminates the risk of an unprecedented industry-wide transition, estimated to cost over \$700 million in the first year alone
  - Neustar offers significantly improved financial terms for the next contract, including nearly <sup>HIGHLY CON</sup> million in first year savings, bundled enhancements, and further incentives to drive innovation
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Neustar's proposal to extend its current contract as the U.S. Local Number Portability Administrator (LNPA) is distinguished by our unrivaled expertise and our 15-year commitment to performance, neutrality, and innovation. Our proposal reduces Industry costs, exceeds the increased requirements in the North American Portability Management (NAPM) LLC's Request For Proposal, and above all provides significant incremental value to Service Providers facing a decade of unprecedented change. Neustar's exceptional capabilities as the current operator of the Number Portability Administration Center Service Management System (NPAC/SMS) provide the communications industry (Industry) and its consumers something no other vendor can credibly claim: increased performance with zero risk.

Over the course of Neustar's current term as the LNPA, the NPAC/SMS has been established as foundational infrastructure for U.S. Service Providers—ensuring the accurate completion of trillions of voice calls and text messages, and providing essential support for countless technology migrations, product launches, mergers and acquisitions, and recoveries from natural and man-made disasters. In the time it takes to read this sentence, Neustar will receive and validate a number portability request from a Service Provider, update the routing platforms of connected networks across the U.S., and verify to the requestor that its transaction was fulfilled. Between now and the scheduled selection of the LNPA vendor for the next term, millions of wireless consumers will change Service Providers and retain their phone numbers, making possible the competition for billions of dollars in telecommunications revenue.