

Obligation of interexchange carriers to provide access to their services via Telecommunications Relay Services (TRS)

Telecommunications Relay Services (TRS) is mandated by the Americans with Disabilities Act of 1990 and allows people with hearing or speech disabilities to have functionally equivalent telecommunications and equal access to the telecommunications network in the same manner as an individual who does not have a hearing or speech disability. TRS standards are established and regulated by the Federal Communications Commission (FCC), and the Telecommunications Access Minnesota (TAM) program within the Minnesota Department of Commerce (Commerce) is responsible for TRS management and compliance in Minnesota. TAM administers the Minnesota Relay through a contract with Sprint Communications Company, LP.

47 C.F.R. § 64.604 (b)(3) states that “TRS users shall have access to their chosen interexchange carrier through the TRS, and to all other operator services, to the same extent that such access is provided to voice users.”

Please review the attached information detailing the steps necessary to ensure that your services can be accessed by PSTN-based and CapTel TRS users.

Please Note: In a Public Notice released by the FCC on October 23, 2000, the FCC reminded carriers that “[A] carrier’s failure to take appropriate steps to enable access to its services by TRS users may lead to monetary forfeitures or other enforcement actions by the Commission.”¹

Attachment A lists the facility-based providers who are currently available as a Minnesota Relay Carrier of Choice. If your company (or your facility based provider) is not currently listed, please review the following and determine the appropriate action needed to be taken:

Facility-based provider

You need to establish a network presence at the regional centers or state access tandem and accept calls from Sprint through the industry method of SS7 trunking. You will need to provide Sprint with your toll carrier's SS7 Network Transit Selector information.

Non-facility based provider

- If your underlying toll carrier is a current provider for Minnesota Relay’s Carrier of Choice program, Sprint can implement the IXC brand name and pass the toll call information to the underlying carrier’s CIC code and SS7 Transit Network Selector information. Please submit a letter of authorization that would advise Sprint to implement the carrier brand name and to send the toll call information to its underlying toll carrier **(Please see Attachment C for sample letter of authorization).**
- If your underlying toll carrier is not a current provider for Minnesota Relay’s Carrier of Choice program, you will need to work with your underlying toll carrier to establish a network presence at the regional centers or state access tandem and accept calls from Sprint through the industry method of SS7 trunking and TRS billing codes of Info Digit Pair 60, 66, and 67 (see below). You will need to provide Sprint with your toll carrier's SS7 Network Transit Selector information.

¹ See Enforcement Bureau Issues Letter in Support of Initiatives by the Maryland Public Service Commission to promote Compliance with FCC Rules Pertaining to Telecommunications Relay Services, Public Notice , DA-00-2383(Enf. Bur. Rel. Oct. 23, 2000).

Before you submit a letter of authorization to Sprint, please consider the following four factors:

1. Your (or your underlying toll carrier) CIC codes and SS7 Transit Network Selector information associated with 1+, 0+, and 0- and International dialing must be loaded into the regional (and/or state) access tandems.
2. You (or your underlying toll carrier) will need to support SS7 tandem interconnection.
3. You (or your underlying toll carrier) will need to ensure that your translation tables are updated in order to appropriately receive, rate, and bill Sprint calls per Bellcore industry standards. Sprint calls are designated as ANI II Digit Pair 60, 66, and 67.
4. If you utilize more than one underlying toll carrier to carry the toll traffic, select a single toll carrier that will accept Sprint traffic.

Note: For detailed information regarding access tandem interconnection and carrier of choice provisioning through Sprint, please refer to ATIS/NIIF-008, the “Telecommunications Relay service – Technical Needs” document.

Attachment B lists Sprint TRS Access Tandem Interconnection locations. The best way to provide access to your long distance network through TRS for your customers is to designate the 15 Sprint Regional TRS center/Access Tandem combinations and the 2 CapTel Access Tandems as the points at which Sprint will hand off toll relay service traffic to you. In this manner, any relay caller that wishes to use your services may be efficiently, and with minimal time delay, routed to your network. Should you not have a presence at one or more of the Sprint regional center/access tandem combinations, the traffic may be handed off at one of the regional center’s access tandem. Please do this for both TRS and CapTel.

Attachment C is an example of a Letter of Authorization that will need to be submitted to Sprint. Once Sprint receives your written authorization, they will schedule translation updates in the next available release (usually 30 to 90 days). Information obtained from the carriers will be used solely for the purpose of providing equal access for Minnesota Relay users and shall be held proprietary.

In the Letter of Authorization, please list all of the names that you are doing business as in Minnesota (if they all use the same Carrier Identification Code).

We encourage you to contact Sprint Relay to discuss the necessary steps to allow your customer(s) to use your long distance services through TRS. Please contact Liz D’Anna with Sprint Relay at 925-380-2539 or liz.danna@sprint.com.

Attachment A

Facility-based providers who are currently available as a TRS Carrier of Choice:

| Entity Code | CIC | Entity Code | CIC |
|-----------------------------|------|-----------------------------------|------|
| 011 Communications | 0444 | Charter Communications | 6324 |
| 10-10-220 Telecom USA | 0220 | Christensen Communication Company | 0432 |
| 10-10-321 Telecom USA | 0321 | CI Long Distance | 6264 |
| 10-10-345 AT&T Lucky Dog | 0345 | CierraCom Systems | 0444 |
| 10-10-432 QWest | 0432 | Cimco | 0444 |
| 10-10-502 WorldxChange | 0502 | Cincinnati Bell Long Distance | 0654 |
| 10-10-636 Clear Choice | 0636 | Citizens Communications | 0694 |
| 10-10-752 EXCEL | 0752 | Coastal Telephone Co. | 0661 |
| 10-10-811 Vartec | 0811 | Colorado River Community | 0555 |
| 10-10-834 WorldxChange | 0834 | Columbia Long Distance | 0638 |
| 10-10-987 | 0987 | Comcast Business Communications | 0555 |
| 702 Communications | 5702 | Comcast | 0386 |
| Access Point | 0333 | Connections Long Distance | 5753 |
| Ace Long Distance | 6264 | Cooperative Light & Power | 0444 |
| ACN Communications Inc. | 0555 | Cox Communications | 6269 |
| ACS Connections LD | 6264 | CP Telecom | 0444 |
| ACS LD | 5353 | Crosslake LD | 6264 |
| ACS Long Distance | 5643 | Crystal Communications Inc. | 5250 |
| Adelphia | 5485 | CTC Long Distance | 6264 |
| Advantage Communications | 0432 | CTI Long Distance | 0333 |
| Affinity Network Inc. | 0444 | Delavan LD | 6264 |
| A-G Long Distance | 0288 | Dunnell LD | 6264 |
| Alascom Inc. | 0866 | Eagle Valley LD | 6264 |
| Albany Telephone LD | 6264 | Egyptian Communications | 0555 |
| All Others | 0001 | EliteView LLC | 0432 |
| Alltel | 5253 | Embarq Communications | 5046 |
| ANI Networks | 0444 | Emily Long Distance | 6264 |
| ANI Networks | 5406 | Enhanced Communications Network | 0432 |
| Arrowhead LD | 6264 | En-Tel Communications | 6311 |
| AT&T | 0288 | Eschelon Telecom Inc. | 5988 |
| Barnesville LD | 6264 | EXCEL | 0752 |
| BellSouth Long Distance | 0377 | Exit Mobile | 0444 |
| Benton Telephone LD | 6264 | Farmers LD | 6264 |
| Bestline | 0302 | Federated LD | 6264 |
| Birch Telecom/Ionex Comm. | 0475 | Felton LD | 6264 |
| Blackduck LD | 6264 | Frontier Communications | 0694 |
| Blueridge Telecom Systems | 0444 | Garden Valley LD | 6264 |
| Bresnan Communications | 0432 | Gardenville LD | 6264 |
| Broadwing Communications | 0948 | GCI | 0077 |
| Broadwing Telecom | 0071 | General Communication Inc. | 0077 |
| Call & Effect Long Distance | 0465 | Global Crossing | 0444 |
| Call & Effect Long Distance | 0638 | Global Crossing-RIT Stdn | 0212 |
| Cannon Valley LD | 6264 | Golden State Long Distance | 0638 |
| Cascade Long Distance | 0638 | Grafton Communications | 0555 |
| Celebrate Communications | 0555 | Granada LD | 6264 |
| Century Enterprises | 0555 | Gridley Communications | 0555 |
| Century Telecom | 0914 | GroveLine | 0432 |
| CenturyLink | 0432 | GTC Telecom | 0333 |
| CenturyTel LLC | 0550 | GTE North | 5483 |

| Entity Code | CIC | Entity Code | CIC |
|--------------------------------------|------------|--------------------------------|------------|
| Halstad LD | 6264 | North Dakota Long Distance | 5635 |
| Hancock LD | 6264 | Northstar Access LD | 6264 |
| Harmony Telephone Company | 0432 | NOS Communications Inc. | 0444 |
| HBC Long Distance | 6959 | NOSVA Limited | 0444 |
| HickoryTech | 5250 | NSC Telesystems | 0555 |
| Home Telenetworks | 0555 | NY Relay Operator Services | 0000 |
| Home Telephone LD | 6264 | Oneida Network | 0555 |
| Hometown Solutions LD | 6264 | Onvoy | 6264 |
| Horizon Telecom Inc. | 0432 | Operator Service Co. | 0444 |
| HorizonOne Communications | 0444 | OPEX LD | 0444 |
| HTC Communications | 0555 | Optic Communications | 0444 |
| Hutchinson Telecommunications | 6792 | Orbit Com Inc. | 0555 |
| Illinois Consolidated | 0725 | Osakis Long Distance | 6264 |
| Integra Telecom | 5061 | OtterCom Inc. | 0736 |
| International Plus | 0444 | Ottertail Telecom LD | 6264 |
| Internet Business Association | 0444 | OTZ Telecommunications | 0077 |
| Inter-Tel NetSolutions Inc. | 0333 | PAETEC Communications Inc. | 0444 |
| ITC Long Distance | 6264 | Park Region LD | 6264 |
| ITT | 0555 | Penny Express | 0465 |
| iVantage Network Solutions | 0444 | Peoples Long Distance | 6264 |
| Kingdom LD | 0948 | Pine Island LD | 6264 |
| KMTC Long Distance | 6264 | Pioneer Telephone | 0444 |
| Lakedale Communications | 5535 | POPP.Com | 0477 |
| Lavaca Telephone Co. | 6744 | PrairieWave Communications | 0361 |
| LCI | 0432 | Prime Dime Long Distance | 0465 |
| LDDS | 0222 | Prime Dime Long Distance | 0638 |
| LDDS | 0450 | QuantumLink Communications | 0444 |
| Lightyear Network Solutions | 5957 | RCI | 0211 |
| Lightyear | 0555 | RCN | 0948 |
| Lismore LD | 6264 | Red River LD | 6264 |
| Local Carrier Default | 0000 | Reduced Rate Long Distance LLC | 0432 |
| Lonsdale One Plus | 6264 | Redwood Long Distance Company | 0432 |
| Loretel LD | 6264 | Reliance Telephone Inc. | 0555 |
| Lowry Long Distance | 6264 | Reserved for Testing | 0000 |
| Lucky Penny | 0834 | Rochester Telecom System Inc. | 0912 |
| Mabel Cooperative Telephone Co. | 0432 | Rocky Mountain Long Distance | 0638 |
| Madelia LD | 6264 | Rothsay Long Distance | 6264 |
| Madison River Long Distance | 0444 | Royale Comtronics Inc. | 5643 |
| Madison Telephone | 0555 | Runestone LD | 6264 |
| Mainstreet Communications LD | 0432 | Sage Telecom | 5111 |
| Mainstreet LD | 6264 | SBC Long Distance | 5792 |
| MCIWorldCom | 0222 | SC State Network | 0111 |
| McLeod USA | 0725 | ShawneeLink | 0555 |
| Melrose LD | 6264 | Simcom | 0444 |
| Metromedia | 0222 | Sleepy Eye LD | 6264 |
| Midcontinent Communications | 0996 | Souris River Telephone | 0770 |
| Midwest LD | 6264 | Sovernet | 0444 |
| Milaca Local Link LD | 6264 | Speedway Long Distance | 0736 |
| Minnesota Valley Communications Inc. | 0432 | Spring Grove Communications | 0432 |
| Moultrie Infocomm | 0555 | Sprint | 0333 |
| MTC Communications | 0555 | St. James LD | 6264 |
| Nemont LD | 0288 | Suddenlink | 0333 |
| Netlojix | 0333 | SureWest Long Distance | 0111 |
| New Ulm LD | 6264 | Sytek Comm LD | 6264 |
| Norlight Telecommunications Inc. | 0912 | Talk Cents | 0502 |

| Entity Code | CIC | Entity Code | CIC |
|---|------------|--------------------------------|------------|
| Tandem Access for Database Query | 0110 | Unitel Long Distance | 6264 |
| TCCF | 0444 | USL | 0355 |
| TCG Minnesota Inc. | 0292 | Vartec Telecom Inc. | 0465 |
| TCO Network | 0432 | Vartec Telecom Inc. | 0638 |
| TDS Telecom | 0417 | Venture LLP | 5702 |
| Telecomm USA | 0835 | Verizon LD | 5483 |
| Telegroup | 0222 | Verizon Select Services (VSSI) | 5483 |
| Telephone Associates Inc. | 0444 | VoIP Communications | 0444 |
| Telephone Express | 0899 | Wabash Independent Networks | 0288 |
| Tex-An | 0288 | WCTA Long Distance | 6264 |
| The Phone Co. | 6746 | WH Comm | 5535 |
| Touch 1 Communications | 0444 | Wiltel | 0222 |
| Touch America | 0244 | Windom Long Distance | 6264 |
| TouchTone Communications | 0432 | Windstream Communications Inc. | 0893 |
| Trans National Communications Intl Inc. | 6398 | Winstar | 0643 |
| TransWorld Network Corp | 0432 | Woodstock LD | 6264 |
| TTI National | 0555 | Working Assets | 0649 |
| U.S. Telecom Long Distance Inc. | 0444 | WorldCom | 0555 |
| Ucca Telecom | 0288 | WTC Long Distance | 6264 |
| Unidial | 0555 | XO Communications | 0555 |
| | | Yucca Telecom | 0288 |
| | | Zia Long Distance | 0638 |

Updated 8/20/2014

Attachment B

Sprint TRS Access Tandem Interconnection Locations

| State | Access Tandem | Tandem CLLI | Tandem LEC |
|----------------|-------------------|--------------------------|-------------|
| Missouri | Kansas City | KSCYMO5503T | AT&T |
| Texas | Ft Worth | FTWOTXED03T | AT&T |
| North Carolina | Charlotte | CHRLNCCA05T | AT&T |
| | | | |
| South Carolina | Charleston | CHTNSCDT60T | AT&T |
| New York | Syracuse | SYRCNYSU50T | Verizon |
| Ohio | Dayton | DYTNOH225GT | AT&T |
| South Dakota | Sioux Falls | SXFLSDCO09T | CenturyLink |
| North Dakota | Bismarck | BSMRNDBC12T | CenturyLink |
| Alaska | Via GCI (Seattle) | STTLWAWBLMO/ ANCRAKGCDS0 | GCI |
| | | | |
| Florida | Miami | NDADFLGG01T | AT&T |
| California | Sacramento | SCRMCA0103T | Verizon |
| Colorado | Denver | DNVRCOMA02T | CenturyLink |
| Illinois | Chicago | CHCGILNE50T | AT&T |
| Minnesota | Owatonna | OWTNMNOW12T | CenturyLink |
| Wyoming | Cheyenne | CHYNWYMA03T | CenturyLink |

Updated: 08/20/2014

Sprint CapTel Relay Access Tandem Interconnection Locations

| | | | |
|-----------|-----------|-------------|------|
| Wisconsin | Madison | MDSNWI1171T | AT&T |
| Wisconsin | Milwaukee | MILWWI1261T | AT&T |

Updated 08/20/14

Ensure that at least (1) TRS and (1) CapTel Relay Access Tandem is interconnected.

Attachment C

Example Letter of Authorization that will need to be submitted to Sprint.

In the Letter of Authorization please list all of the names that carrier is doing business as in Minnesota (if all use the same Carrier Identification Code).

<DATE>

Michelle Mobley
Sprint Relay
707 - 17th Street Suite 3750
Denver CO 80202
michelle.mobley@sprint.com

This letter of authorization has been issued to give Sprint TRS permission to send < Toll Carrier Company Name > toll traffic associated with 1+ 0+ and 0- and International dialing through Sprint TRS at the < Regional COCOC Tandems >.

1. Regional COCOC Tandems

Toll Carrier: < insert name> You will need to provide Sprint with your toll carrier's 0ZZ SS7 Network Transit Selector information and the values for Transit Network Selector (TNS) SS7 field. That field is made up of two values the CIC code and the carrier's Circuit Codes for the carrier at that Access Tandem.

Underlying Toll Carrier: <insert name>

| State | Access Tandem | Tandem CLLI Code | Tandem LEC | CIC Code | TNS | 0ZZ |
|--------------|-------------------|--------------------------|------------|----------|-----|-----|
| South Dakota | Sioux Falls | SXFLSDCO09T | CenturyLin | | | |
| North Dakota | Bismarck | BSMRNDBC12T | CenturyLin | | | |
| Alaska | Via GCI (Seattle) | STTLWAWBLN ANCRAKGCDS | GCI | | | |
| Arkansas | Little Rock | LTRKARFR02T | AT&T | | | |
| Florida | Miami | NDADFLGG01T | AT&T | | | |
| California | Sacramento | SCRMCA0103T | Verizon | | | |
| Wisconsin | Madison | MDSNWI1171T | AT&T | | | |
| Wisconsin | Milwaukee | MILWWI1261T | AT&T | | | |

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OR

<State Located > Tandem

Toll Carrier: < insert carrier name> You will need to provide Sprint with your toll carrier's SS7 Network Transit Selector information and the values for Transit Network Selector (TNS) SS7 field .That field is made up of two values the CIC code and the carrier's Circuit Codes for the carrier at that Access Tandem.

Underlying Toll Carrier: <insert carrier name>

CIC: < insert carrier identification code > and SS7 Transit Network Selector information associated with 1+ 0+ and 0- dialing must be loaded into the regional (and/or state) access tandems and the values for

Transit Network Selector (TNS) SS7 field. That field is made up of two values the CIC code and the carrier's Circuit Codes for the carrier at that Access Tandem.

2. Call Type Restrictions

< Toll Carrier Brand Name > will accept any intrastate international and operator services call types that will be routed to the < tandem location(s) > tandems.

OR

< Toll Carrier Brand Name > will accept any (*specify intrastate interstate international and operator services*) call types except for (*specify what call types and restrictions*) that should not be routed to the < tandem location > tandems.

If there are any questions regarding this letter of authorization please contact < Name > < Job Title > < Department Name > at xxx-xxx-xxxx.

Sincerely

< Name >< Job Title >

< Department Name >