

SECRETARY'S RECORD, NEBRASKA PUBLIC SERVICE COMMISSION

BEFORE THE NEBRASKA PUBLIC SERVICE COMMISSION

In the Matter of the Commission,) Application No. 911-007
on its own motion, to provide)
for and fund intertandem) ORDER
trunking across the State of)
Nebraska for use in provision of)
wireless enhanced 911 service.) Entered: October 28, 2003

BY THE COMMISSION:

The Commission has been responsible for the administration of the Wireless E911 Fund since passage of the Wireless Enhanced 911 Services Act in 2001 Session of the Nebraska Legislature. The Commission and its staff have been actively assisting public safety answering points (PSAPs) and wireless carriers with implementation of wireless E911. In its role as facilitator among PSAPs, local exchange carriers, and wireless carriers, the Commission has become aware of a need to transfer Phase I E911 wireless calls among different PSAPs.

Due to the mobile nature of wireless phones, a call to 911 is sometimes routed to the wrong PSAP. A call from a cell phone could transmit through a carrier's cell tower and be transferred to a PSAP that is not actually the closest PSAP to the caller. While wireless carriers have made efforts to minimize the occurrence of such a scenario, a need still exists for PSAPs to be able to transfer a wireless call to a PSAP that is able to more quickly direct emergency services to the caller.

Currently, a PSAP in Nebraska can transfer wireless 911 calls to another PSAP, but only the voice is transferred. With Phase I wireless enhanced 911, the PSAP receiving a 911 call receives a call-back number and cell site information. Without intertandem trunking, the call-back number and cell site information cannot be transferred to another PSAP. Transfer of such Phase I information is crucial in locating the person making the 911 call.

O P I N I O N A N D F I N D I N G S

In the interest of carrying out the intent and purposes of the Enhanced Wireless 911 Services Act (Act), the Commission finds that it should fund intertandem trunking across the state. The Act provides in part, "The commission shall have any powers necessary to carry out the intent and purposes of the act."¹

¹ Neb. Rev. Stat. § 86-465(3) (Reissue 2002).

SECRETARY'S RECORD, NEBRASKA PUBLIC SERVICE COMMISSION

Application No. 911-007

Page 2

Furthermore, "The commission shall determine the most efficient method for providing enhanced wireless 911 service."²

The Commission proposes to connect tandems in two stages. The first stage would connect the Qwest tandems of Norfolk; Grand Island; Sioux City, Iowa; and Des Moines, Iowa. The second stage would connect ALLTEL's Lincoln tandem and Sprint's Scottsbluff tandem to the network of tandems described in the first stage. A greater number of PSAPs served by Qwest Corporation (Qwest) have implemented Phase I wireless E911, thus the first stage would be connecting Qwest's tandems. Connecting the tandems of ALLTEL and Sprint would be more cost effective at a later date, as there are currently not enough PSAPs with Phase I E911 in either carrier's service area.

The total costs of providing intertandem trunking for the two stages described above are \$790,074.91. These costs are itemized in Exhibit 1 to this order. Qwest would perform all the work necessary to connect the tandems, and a description of Qwest's proposal is attached as Exhibit 2. Costs would be paid by the Wireless Enhanced 911 Fund.

O R D E R

IT IS THEREFORE ORDERED by the Nebraska Public Service Commission that the Commission staff pursue construction of intertandem trunking across the state as described in this order.

IT IS FURTHER ORDERED that upon invoice from Qwest, costs of intertandem trunking that comport with this order shall be paid by the Wireless Enhanced 911 Fund.

² Neb. Rev. Stat. § 86-464 (Reissue 2002).

EXHIBIT 1

INTERTANDEM TRUNKING AND SS7 NETWORKS

10/16/03

4Q03 Project

Intertandem trunking Council Bluffs to Des Moines	\$ 175,796.44
Intertandem trunking Sioux City to Council Bluffs	\$ 259,137.52
Intertandem trunking Grand Island to Council Bluffs	\$ 168,434.42
Intertandem trunking Norfolk to Council Bluffs	\$ 44,682.46
Project Management	\$ 24,600.00

1Q04 Project

Council Bluffs SS7 Upgrade	\$ 8,889.98
Grand Island SS7 Upgrade	\$ 17,766.49
Norfolk SS7 Upgrade	\$ 3,499.15
Sioux City SS7 Upgrade	\$ 452.61
Project Management	\$ 1,200.00

4Q04 Project

Intertandem trunking ScottsBluffs to Grand Island	\$ 64,163.45
Intertandem trunking Lincoln to Council Bluffs	\$ 17,252.39
Project Management	\$ 4,200.00

Total Projects	\$ 790,074.91
-----------------------	----------------------

Executive Summary:

Qwest Communications is the current provider of the Basic and Enhanced 911 service in the State of Nebraska. Qwest would like to propose to the State of Nebraska a digital 911 network that will allow for the migration to new digital interfaces. The solution we have developed is the vehicle for the integration of a statewide 9-1-1 call delivery system. In the Qwest LEC region this integration has been completed in Arizona, Colorado, Oregon, Minnesota, North Dakota and Washington. This solution provides:

- A reduction of call delivery times from 6-8 seconds to 1-3 seconds.
- Meets FCC J-standard compliance for Phase II signaling between wireless carrier central office and the Qwest 911 Selective Router.
- Provide the ability to transfer 9-1-1 calls between all PSAPs in the State of Nebraska. With the huge deployment of wireless services, the need for PSAPs to transfer 9-1-1 calls over wide geographic areas is becoming a necessity.
- Expand the ability for a PSAP to receive the full ten digit telephone number of callers resolving LNP issues.

Plan Objective:

The objective of this plan is to deploy a digital solution and intertandem trunking for the E911 network in the state of Nebraska. The scope of this deployment includes the following enhancements to the E911 network.

- **Deployment of software features in the Selective Routers to provide Tandem to Tandem transfer.**
- **Create a network HUB in Council Bluffs Selective Router connected to Selective Routers in Des Moines, Sioux City, Norfolk, Grand Island as well as non-Qwest Selective Routers in Lincoln and Scottsbluff.**
- **Provide inter-Tandem trunking and call routing between the E911 Selective Routers**
- **Converting the existing ES (Emergency Service) E911 end office trunks from MF (Multi-Frequency) to SS7 (Signaling System 7) increasing call set-up time and enabling 10-digit dialing which includes**
 - **Redesign and re-programming of all current 911 trunk groups to the existing E911 network. Includes hardware change-outs at various central offices as well as coordination with CLEC and Independents.**

Project Overview:

A. Product/Service Description

Deployment of these enhancements will provision the State of Nebraska for:

- 1) Condition the selective routers to allow the transfer of E911 calls between the tandems serving Nebraska.
- 2) Convert the ES E911 trunks from MF to SS7 to expedite transfer of calls between the selective routers, improve customer satisfaction by reducing call set-up time and digitizing the network for compatibility with future technologies.
- 3) SS7 A-link diversity.
- 4) Condition Council Bluffs tandem as the network HUB between all selective routers in the state for tandem to tandem transfer.

B. Technical Overview

Software requirements

NPA to NPD Translation Table for E911 Calls

This feature allows for 10-digit routing of E911 calls throughout network. NPA to NPD translation feature is required to service multiple NPAs that may be required in the future within the Nebraska 911 service area.

Inter-Tandem Enhancement

This is required for the selective routers to allow transfer of calls between the selective routers.

Intertandem trunking

Four new switch terminations (trunks) are required in each of the Qwest selective routers to provision the transfer group.

ES Trunk Conversions (MF to SS7)

ES trunks between the end offices and the associated selective routers, switch and IOF terminations must be modified to accommodate the SS7 technology. Switch Translations must rebuild the SS7 trunks between the selective router and the end offices.

1) ES trunks in central offices that do not have A-link diversity will remain MF where MF trunks offer better diversity than SS7. A-Links connect an end office or signal point to a mated pair of Signal Transfer Points. Two-way path diversity is recommended so that one common disaster does not isolate a signal point or end office from the rest of the network.

2) Emergency Transfer Backup (ETB) trunks within the E911 network will remain MF.

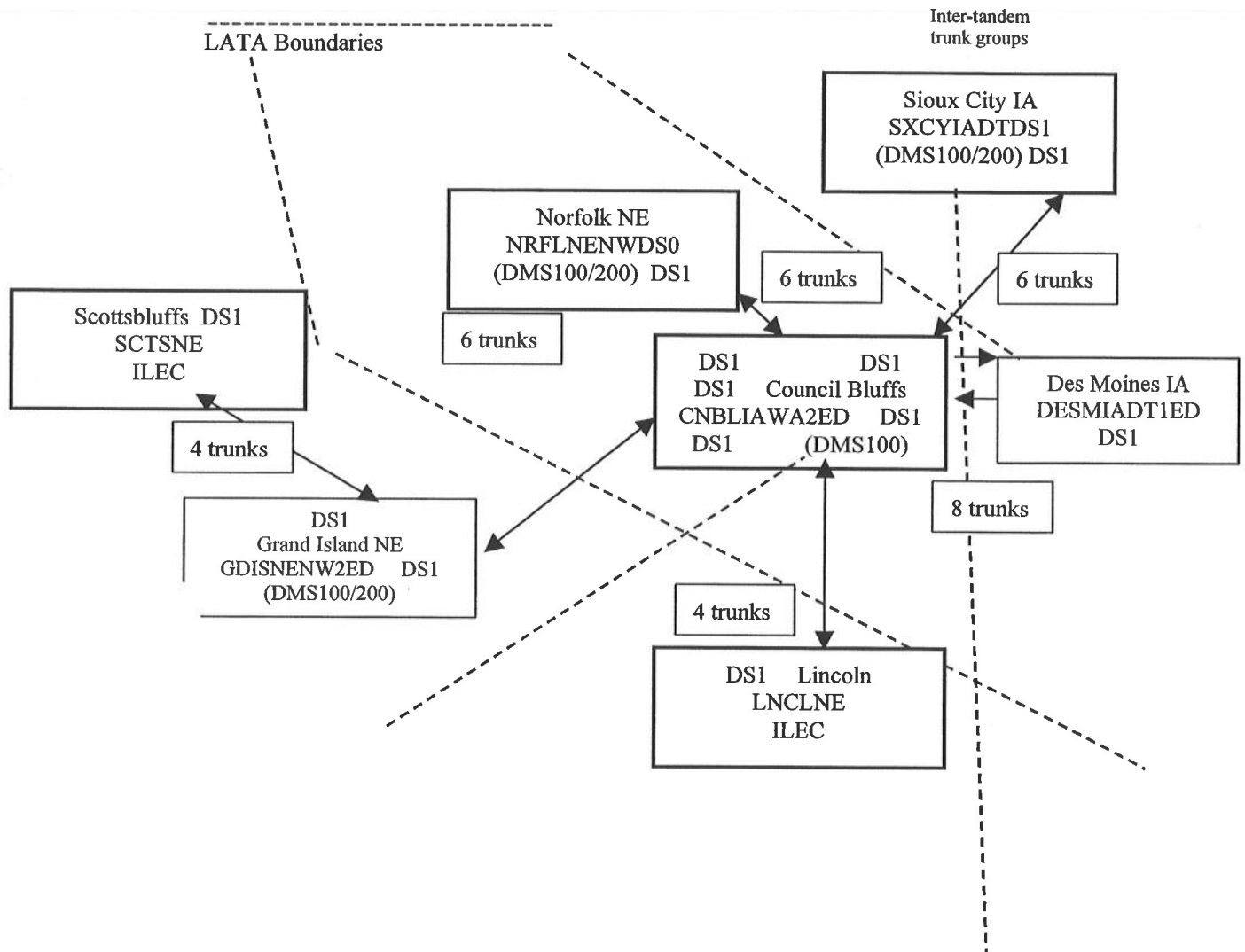
ILEC and CLEC trunk SS7 conversion must be at their request to Qwest. A letter go out to all the ILEC and CLEC communities requesting that they convert if possible or notify the PSAPs in Nebraska if they are unable to do so. Qwest will coordinate conversion when requested by the ILEC/CLEC.

C. Service Delivery Coordination:

A Qwest team will be assigned to design and implement the network elements as well as coordinate scheduling with PSAPs, ILEC/CLEC and the various Qwest organizations responsible for installation of a project of this magnitude.

Weekly status calls, project timeline tracking and escalation processes are all managed through this team.

Attachment 1 Intertandem Trunking Configuration



ATTACHMENT 2

TYPE	TGSN	A LOCATION	EQA	Z LOCATION	EQZ	TRUNK TYPE	IN SVC TRKS
CLEC	AL123465	OMAHNEXODS0	AEC	CNBLIAWA2ED	DMS	M-DF55ESDOUGJJ	4
CLEC	AL123466	OMAHNEXODS0	AEC	CNBLIAWA2ED	DMS	M-DF55ESSARPJJ	4
CLEC	AL123467	OMAHNEXODS0	AEC	CNBLIAWA2ED	DMS	M-DF55ESPOTTJJ	4
CLEC	AL123469	OMAJNEBMDS1	AEC	CNBLIAWA2ED	DMS	M-DF55ESDOUGJJ	4
CLEC	AL123470	OMAJNEBMDS1	AEC	CNBLIAWA2ED	DMS	M-DF55ESSARPJJ	4
CLEC	AL123471	OMAJNEBMDS1	AEC	CNBLIAWA2ED	DMS	M-DF55ESPOTTJJ	2
CLEC	AL123472	OMAJNEVQDS0	AEC	CNBLIAWA2ED	DMS	M-DF45ESDOUGJJ	6
CLEC	AL123474	OMAJNEVQDS0	AEC	CNBLIAWA2ED	DMS	M-DF55ESPOTTJJ	4
CLEC	AL123475	OMAJNEVQDS0	AEC	CNBLIAWA2ED	DMS	M-DF55ESSARPJJ	4
CLEC	AL129804	OMAJNEVQDS1	AEC	CNBLIAWA2ED	DMS	M-DF55ESPO712JJ	4
CLEC	AL129805	OMAJNEVQDS1	AEC	CNBLIAWA2ED	DMS	M-DF55ESDO402JJ	4
CLEC	AL129806	OMAJNEVQDS1	AEC	CNBLIAWA2ED	DMS	M-DF55ESSA402JJ	4
CLEC	AL127505	OMAKNEYWDS0	AEC	CNBLIAWA2ED	DMS	M-DF55ESPO402JJ	4
CLEC	AL127523	OMAKNEYWDS0	AEC	CNBLIAWA2ED	DMS	M-DF55ESDO402JJ	4
						sub total	56
CLEC	AL114105	OMAJNEBMDS1	AEC	GDISNENWDS0	D12	M-DF55ESHALLJJ	4
CLEC	AL120258	OMAJNEBMDS1	AEC	GDISNENWDS0	D12	M-DF55ESLI308JJ	2
CLEC	AL131111	OMAJNEBMDS1	AEC	GDISNENWDS0	D12	M-DF55ESBU308JJ	2
						sub total	8
CLEC	AL126833	OMAJNEBMDS1	AEC	NRFLNENW2ED	D12	M-DF54ESDODGJJ	2
						sub total	2
ILEC	AL123483	BLARNEXHDS1	LEC	CNBLIAWA2ED	DMS	M-DF55ES911ARTN	2
ILEC	AL130621	OMAHNEXKCM0	CMC	CNBLIAWA2ED	DMS	7-DF55ES911SARP	2
ILEC	AL130622	OMAHNEXKCM0	CMC	CNBLIAWA2ED	DMS	7-DF55ES911DOUG	4
						sub total	8
ILEC	AL122947	ALMANEXGDS0	LEC	GDISNENWDS0	D12	M-DF53ES911	2
ILEC	AL103991	ANSLNEXSDS0	LEC	GDISNENWDS0	D12	M-DF53ESE-911	2
ILEC	AL103989	ANSMNEXSDS0	LEC	GDISNENWDS0	D12	M-DF53ESE-911	2
ILEC	AL103992	ARNLNEXHDS0	LEC	GDISNENWDS0	D12	M-DF53ESE-911	2
ILEC	AL109170	ARNLNEXHDS0	LEC	GDISNENWDS0	D12	M-DF53ESE911EDV	2
ILEC	AL112325	ARPHNEXS1MD	LEC	GDISNENWDS0	D12	M-DF55ESE-911	2
ILEC	AL112473	ARPHNEXS1MD	LEC	GDISNENWDS0	D12	M-DF54ESE911FRN	2
ILEC	AL112606	ARPHNEXS1MD	LEC	GDISNENWDS0	D12	M-DF53ESE911OVT	2
ILEC	AL118734	ARPHNEXSDS0	LEC	GDISNENWDS0	D12	M-DF55ES911LOMS	2
ILEC	AL129329	AURRNEXM694	LEC	GDISNENWDS0	D12	M-DF53ES911	3
ILEC	AL106481	BLHLNEXM756	LEC	GDISNENWDS0	D12	M-DF53ESE911NRM	2
ILEC	AL104030	BRDYNEXSDS0	LEC	GDISNENWDS0	D12	M-DF53ESE-911	2
ILEC	AL105120	BRDYNEXSDS0	LEC	GDISNENWDS0	D12	M-DF53ESE911MXW	2
ILEC	AL115591	BRDYNEXSDS0	LEC	GDISNENWDS0	D12	M-DF53ES911ESTS	2
ILEC	AL118732	BRTRNEXGDS0	LEC	GDISNENWDS0	D12	M-DF53ESE-911	2
ILEC	AL104802	BVCYNEXHDS0	LEC	GDISNENWDS0	D12	M-DF55ESE-911	2
ILEC	AL104025	CHPLNEXUDS0	LEC	GDISNENWDS0	D12	M-DF53ESE-911	2
ILEC	AL115413	CLRKNNEXSDS0	LEC	GDISNENWDS0	D12	M-DF53ES911	2
ILEC	AL104803	CMBRNEXSDS0	LEC	GDISNENWDS0	D12	M-DF55ESE-911	2
ILEC	AL105076	CPMNNEXCDS0	LEC	GDISNENWDS0	D12	M-DF55ESE-911	2
ILEC	AL115415	CPMNNEXCDS0	LEC	GDISNENWDS0	D12	M-DF53ES911	2
ILEC	AL125474	CPMNNEXCDS0	LEC	GDISNENWDS0	D12	M-DF55ES911WLBC	1

TYPE	TGSN	A LOCATION	EQA	Z LOCATION	EQZ	TRUNK TYPE	SVC TRKS
ILEC	AL112048	DLTNNEXS1MD	LEC	GDISNENWDS0	D12	M-DF54ESE911GRL	2
ILEC	AL112050	DLTNNEXS1MD	LEC	GDISNENWDS0	D12	M-DF54ESE911LDG	2
ILEC	AL112053	DLTNNEXSDS0	LEC	GDISNENWDS0	D12	M-DF54ESE911DLT	2
ILEC	AL103997	DNPHNEXMDS0	LEC	GDISNENWDS0	D12	M-DF53ESE-911	2
ILEC	AL104804	EDSNNEXHDS0	LEC	GDISNENWDS0	D12	M-DF55ESE-911	2
ILEC	AL106480	FUNKNEXSDS0	LEC	GDISNENWDS0	D12	M-DF53ESE-911	2
ILEC	AL129746	GBBNNEXSDS0	LEC	GDISNENWDS0	D12	M-DF53ES911	2
ILEC	AL118730	GRDNNEXHDS1	XXX	GDISNENWDS0	D12	M-DF53ES911RUVL	2
ILEC	AL118731	GRDNNEXHDS1	XXX	GDISNENWDS0	D12	M-DF53ES911	2
ILEC	AL111744	HMFRNEXS48A	LEC	GDISNENWDS0	D12	M-DF55ES	2
ILEC	AL105081	HRSHNEXSDS0	LEC	GDISNENWDS0	D12	M-DF55ESE-911	2
ILEC	AL118498	HYPNEXCDS0	LEC	GDISNENWDS0	D12	M-DF53ES911HYSP	2
ILEC	AL118594	HYPNEXCDS0	LEC	GDISNENWDS0	D12	M-DF53ES911MRFL	2
ILEC	AL127686	IMPRNEXHDS0	LEC	GDISNENWDS0	D12	M-DF53ES911	2
ILEC	AL109057	KMBLNEXUDS0	LEC	GDISNENWDS0	D12	M-DF53ESE911PTT	2
ILEC	AL105562	KRNYNEXGDS0	LEC	GDISNENWDS0	D12	M-DF55ESE911SMN	2
ILEC	AL129747	KRNYNEXGDS0	LEC	GDISNENWDS0	D12	M-DF53ES911	4
ILEC	AL130281	KRNYNEXGDS1	LEC	GDISNENWDS0	D12	M-DF53ES911	2
ILEC	AL104021	KYSTNEXSDS1	LEC	GDISNENWDS0	D12	M-DF53ESE-911	2
ILEC	AL104022	LMYNNEXSDS1	LEC	GDISNENWDS0	D12	M-DF53ESE-911	2
ILEC	AL103993	MERNNEXSDS0	LEC	GDISNENWDS0	D12	M-DF53ESE-911	2
ILEC	AL117238	MERNNEXSDS0	LEC	GDISNENWDS0	D12	M-DF53ES911	1
ILEC	AL104793	MYWDNEXS1GT	LEC	GDISNENWDS0	D12	M-DF55ESE911MYW	2
ILEC	AL104796	MYWDNEXS1GT	LEC	GDISNENWDS0	D12	M-DF55ESE911WLL	2
ILEC	AL117237	MYWDNEXSDS0	LEC	GDISNENWDS0	D12	M-DF53ES911	1
ILEC	AL122948	ORLNNEXHDS0	LEC	GDISNENWDS0	D12	M-DF53ES911	2
ILEC	AL122950	ORLNNEXHDS0	LEC	GDISNENWDS0	D12	M-DF53ES911SMFR	2
ILEC	AL115414	PLMRNEXGDS0	LEC	GDISNENWDS0	D12	M-DF53ES911	2
ILEC	AL112636	PLSDNEXHDS0	LEC	GDISNENWDS0	D12	M-DF53ESE911CST	2
ILEC	AL105128	PXTNNEXSDS0	LEC	GDISNENWDS0	D12	M-DF53ESE-911	2
ILEC	AL122949	RPCYNEXGDS0	LEC	GDISNENWDS0	D12	M-DF53ES911	2
ILEC	AL129751	SDTNNEXSDS0	LEC	GDISNENWDS0	D12	M-DF53ES911	2
ILEC	AL113017	STEDNEXHDS0	LEC	GDISNENWDS0	D12	M-DF54ESE911SPN	2
ILEC	AL105078	STLDNEXHDS0	DCO	GDISNENWDS0	D12	M-DF55ESE-911	2
ILEC	AL127687	WANTNEXSDS0	LEC	GDISNENWDS0	D12	M-DF53ES911	2
ILEC	AL114068	WLCXNEXCDS0	LEC	GDISNENWDS0	D12	M-DF53ES911	2
ILEC	AL124345	WLCXNEXCDS0	LEC	GDISNENWDS0	D12	M-DF53ES911RAGN	2
ILEC	AL107349	WLLCNEXS387	LEC	GDISNENWDS0	D12	M-DF53ESE-911	2
						sub total	120
ILEC	AL126788	BLFDNEXHDS0	LEC	NRFLNENW2ED	D12	M-DF55ESE-911	2
ILEC	AL126789	COTNNEXHDS1	LEC	NRFLNENW2ED	D12	M-DF53ESE911WYN	2
ILEC	AL126790	HOPRNEXSDS0	LEC	NRFLNENW2ED	D12	M-DF54ESE-911	2
ILEC	AL126791	HTNTNEXSDS0	LEC	NRFLNENW2ED	D12	M-DF53ESE911	2
ILEC	AL126792	JCSNNEXSDS0	LEC	NRFLNENW2ED	D12	M-DF55ES911DIXN	2
ILEC	AL126793	JCSNNEXSDS0	LEC	NRFLNENW2ED	D12	M-DF53ES911	3
ILEC	AL126794	JCSNNEXSDS0	LEC	NRFLNENW2ED	D12	M-DF55ES911DCTR	2
ILEC	AL126795	JCSNNEXSDS0	LEC	NRFLNENW2ED	D12	M-DF55ES911CRAG	2
ILEC	AL126796	JCSNNEXSDS0	LEC	NRFLNENW2ED	D12	M-DF55ESDIXNCTY	2
ILEC	AL126797	NBNDNEXCDS0	LEC	NRFLNENW2ED	D12	M-DF54ESE-911	2

TYPE	TGSN	A LOCATION	EQA	Z LOCATION	EQZ	TRUNK TYPE	SVC TRKS
ILEC	AL126798	NWGVNEXGDS0	LEC	NRFLNENW2ED	D12	M-DF54ES911LEIG	2
ILEC	AL126799	OSMNNEXHDS0	LEC	NRFLNENW2ED	D12	M-DF53ESE911BLD	2
ILEC	AL126800	PONCNEXHDS0	LEC	NRFLNENW2ED	D12	M-DF53ES911PONC	2
ILEC	AL126803	SCRBNEXCDS0	DCO	NRFLNENW2ED	D12	M-DF54ESE-911	2
ILEC	AL126801	SNTNNEXSDS0	LEC	NRFLNENW2ED	D12	M-DF53ES911	2
ILEC	AL126802	WSNRNEXCDS0	LEC	NRFLNENW2ED	D12	M-DF54ESE911BEN	3
sub total							34
QWEST	AL129237	ELKHNNENWDS0	5E	CNBLIAWA2ED	DMS	M-DF55ESE-911	2
QWEST	AL123548	OMAHNE78DS0	5E	CNBLIAWA2ED	DMS	M-DF55ESE-911	5 *
QWEST	AL123549	OMAHNE84DS0	DMH	CNBLIAWA2ED	DMS	M-DF55ESE-911	5 *
QWEST	AL123550	OMAHNE84DS0	DMH	CNBLIAWA2ED	DMS	M-DF55ESE911MAN	5 *
QWEST	AL123551	OMAHNE90DS0	5E	CNBLIAWA2ED	DMS	M-DF55ESE-911	5 *
QWEST	AL123536	OMAHNEBEDS0	5E	CNBLIAWA2ED	DMS	M-DF55ESE-911	5 *
QWEST	AL123537	OMAHNECEDS0	5E	CNBLIAWA2ED	DMS	M-DF55ESE-911	5 *
QWEST	AL123538	OMAHNEFODS0	5E	CNBLIAWA2ED	DMS	M-DF55ESE-911	5 *
QWEST	AL123539	OMAHNEFWDS0	5E	CNBLIAWA2ED	DMS	M-DF55ESE-911	5
QWEST	AL123540	OMAHNEHADS0	5E	CNBLIAWA2ED	DMS	M-DF55ESE-911	5 *
QWEST	AL123542	OMAHNEIZDS0	5E	CNBLIAWA2ED	DMS	M-DF55ESE-911	5 *
QWEST	AL123543	OMAHNNENWDS0	5E	CNBLIAWA2ED	DMS	M-DF55ESE-911	5
QWEST	AL123544	OMAHNNENWDS1	5E	CNBLIAWA2ED	DMS	M-DF55ESE-911	5
QWEST	AL123545	OMAHNNENWDS1	5E	CNBLIAWA2ED	DMS	M-DF55ESE911CTL	5
QWEST	AL123546	OMAHNNENWDS2	DMH	CNBLIAWA2ED	DMS	M-DF55ESE911	5
QWEST	AL123547	OMAHNEOSDS0	5E	CNBLIAWA2ED	DMS	M-DF55ESE-911	6 *
QWEST	AL131050	OMAHNEUVC6	CMC	CNBLIAWA2ED	DMS	7-DF55ES911SARP	4
QWEST	AL131051	OMAHNEUVC6	CMC	CNBLIAWA2ED	DMS	7-DF55ES911DOUG	6
QWEST	AL130027	OMAKNEJQCM0	CMC	CNBLIAWA2ED	DMS	7-DF55ES911DOUG	2
QWEST	AL130028	OMAKNEJQCM0	CMC	CNBLIAWA2ED	DMS	7-DF55ES911SARP	2
sub total							92
QWEST	AL103990	BRKBNENWDS0	AXT	GDISNENWDS0	D12	M-DF53ESE-911	2
QWEST	AL112523	BRULNERBRS1	LEC	GDISNENWDS0	D12	M-DF55ESE911	2
QWEST	AL103998	CHDRNENWDS0	DMH	GDISNENWDS0	D12	M-DF53ESE-911	2
QWEST	AL105156	CHDRNENWDS0	DMH	GDISNENWDS0	D12	M-DF53ESE911CRF	2
QWEST	AL105157	CHDRNENWDS0	DMH	GDISNENWDS0	D12	M-DF53ESE911HRS	2
QWEST	AL103996	GDISNENWDS1	AXT	GDISNENWDS0	D12	M-DF53ESE911CAI	2
QWEST	AL104020	GDISNENWDS1	AXT	GDISNENWDS0	D12	M-DF53ESE911MIN	2
QWEST	AL104028	GDISNENWDS1	AXT	GDISNENWDS0	D12	M-DF53ESE911LPC	2
QWEST	AL104800	GDISNENWDS1	AXT	GDISNENWDS0	D12	M-DF55ESE911OXF	2
QWEST	AL105074	GDISNENWDS1	AXT	GDISNENWDS0	D12	M-DF55ESE911STP	2
QWEST	AL105121	GDISNENWDS1	AXT	GDISNENWDS0	D12	M-DF55ESE911STL	2
QWEST	AL105173	GDISNENWDS1	AXT	GDISNENWDS0	D12	M-DF53ESE911WDR	2
QWEST	AL115427	GDISNENWDS1	AXT	GDISNENWDS0	D12	M-DF53ES911CNCY	2
QWEST	AL119606	GDISNENWDS1	AXT	GDISNENWDS0	D12	M-DF53ES911HLDG	2
QWEST	AL103994	NPLTNENWDS0	DMH	GDISNENWDS0	D12	M-DF53ESE-911	5
QWEST	AL104016	NPLTNENWDS0	DMH	GDISNENWDS0	D12	M-DF53ESE911OGL	2
QWEST	AL104026	NPLTNENWDS0	DMH	GDISNENWDS0	D12	M-DF53ESE911LXT	2
QWEST	AL104018	NPLTNENWDS1	AXT	GDISNENWDS0	D12	M-DF53ESE911BGS	2
QWEST	AL104027	NPLTNENWDS1	AXT	GDISNENWDS0	D12	M-DF53ESE911ELW	2
QWEST	AL104029	NPLTNENWDS1	AXT	GDISNENWDS0	D12	M-DF53ESE911GTB	2
QWEST	AL129749	NPLTNENWDS1	AXT	GDISNENWDS0	D12	M-DF53ES911EMCK	2

TYPE	TGSN	A LOCATION	EQA	Z LOCATION	EQZ	TRUNK TYPE	SVC TRKS
QWEST	AL112830	RVNNNERE1MD	LEC	GDISNENWDS0	D12	M-DF54ESE911DEB	2
QWEST	AL112831	RVNNNERE1MD	LEC	GDISNENWDS0	D12	M-DF54ESE911LRA	2
QWEST	AL129780	RVNNNEREDS0	LEC	GDISNENWDS0	D12	M-DF53ES911	2
QWEST	AL104023	SDNYNENWDS0	D12	GDISNENWDS0	D12	M-DF53ESE911ALN	3 *
QWEST	AL109058	SDNYNENWDS0	D12	GDISNENWDS0	D12	M-DF53ESE-911	2 *
						sub total	56
QWEST	AL126804	FRMTNENWDS0	DMH	NRFLNENW2ED	D12	M-DF54ESE-911	3
QWEST	AL126805	FRMTNENWDS0	DMH	NRFLNENW2ED	D12	M-DF53ESBURT	2
QWEST	AL126806	FRMTNENWDS0	DMH	NRFLNENW2ED	D12	M-DF54ESE911WSP	2
QWEST	AL126807	FRMTNENWDS0	DMH	NRFLNENW2ED	D12	M-DF54ES911CKSN	2
QWEST	AL126808	FRMTNENWDS0	DMH	NRFLNENW2ED	D12	M-DF54ES911HWLS	2
QWEST	AL126809	FRMTNENWDS0	DMH	NRFLNENW2ED	D12	M-DF54ES911SCHL	2
						sub total	13
QWEST	AL103940	FRMTNENWDS0	DMH	SXCYIADTDS1	D12	M-DF55ESE911EMS	2
						sub total	2
		CNBLIAWA2ED		CLEC trk grps	14	CLEC trks	56
				ILEC trk grps	3	ILEC trks	8
				QWEST trk grps	20	QWEST trks	92
		GDISNENWDS0		CLEC trk grps	3	CLEC trks	8
				ILEC trk grps	60	ILEC trks	120
				QWEST trk grps	12	QWEST trks	28
				Q AXE trk grps	14	Q AXE trks	28
		NRFLNENW2ED		CLEC trk grps	1	CLEC trks	2
				ILEC trk grps	16	ILEC trks	34
				QWEST trk grps	6	QWEST trks	13
		SXCYIADTDS1		QWEST trk grps	1	QWEST trks	2
				TOTAL trk grps	150	TOTAL trks	391

* A Link route diversity not available. SARs have been issued for these links.

http://saw3.uswc.uswest.com/NROC/SS7/pub/dzerres/DIETER/SS7_Diversity/SS7LATAs.html/

Please monitor the above link for completion of the SARs for Omaha and Grand Island at which time the SS7 conversion may go forward.