

Customer Billing Education Package



BellSouth Managed Shared Network
Service

Customer Implementation Guide

BellSouth Managed Shared Network Service Customer Implementation Guide

1. Service Description

BellSouth Managed Shared Network Service is a service in which the Customer assigns to BellSouth the responsibility for facility design, engineering and routing of DS3, DS1, and DS0 level Special & Switched Access services from serving wire centers within a BellSouth Managed Shared Network Service area to the Customer's designated aggregation location(s) in that same area. All traffic will be delivered to a Customer designated aggregation location via a DS3 electrical interface. BellSouth SPA & SWA Managed Shared Network Service traffic connects at serving wire centers to DS3, DS1, and DS0 access services. To qualify for BellSouth SPA & SWA Managed Shared Network Service, a Customer must have 28 equivalent DS1 circuits to aggregate at one location.

2. Establishing Service

The BellSouth SPA & SWA Managed Shared Network Service Plan Billing Information and the BellSouth SPA & SWA Managed Shared Network Service System Circuit, which bills the BellSouth SPA & SWA Managed Shared Network Service DS3 Local Channel Charges, will be established via service order by the BellSouth ICSC when a BellSouth SPA & SWA Managed Shared Network Shared Contract is signed. No action is required by the customer other than signing the contract. BellSouth will use one of the ACTLs identified on the contract the Aggregation Location to identify the Plan itself (the MCPA). Other ACTL CLLIs, at both the Aggregate and any Alternate Aggregate (or Interim, if pre-2002) locations, will be identified under the PLAN for inclusion, but all ACTLs may not appear on the MSNS Plan & System Circuits.

Contracts signed before May, 2002, may be for BellSouth SPA Managed Shared Network Service only. Contracts signed after that date will be established to cover all qualifying SPA and SWA DS3, DS1 and DS0 circuits at the Aggregate Locations (and any Alternate Aggregate Locations) covered under the contract.

Existing DS3, DS1, and DS0 circuits will be converted mechanically to BellSouth SPA & SWA Managed Shared Network Service billing. For contracts established prior to February 24, 1998, the Customer will be required to move any DS1 circuits without a CFA to a purchased DS3. The DS1 circuits can be moved to existing DS3 circuits where capacity is available. If capacity is not available, the customer is required to purchase DS3 circuits for these CFAs. For contracts established on or after February 24, 1998, all DS1 circuits must have an existing DS3 interface.

3. Ordering New Service

When ordering a new BellSouth SPA or SWA Managed Shared Network Service circuit (DS3, DS1, or DS0), one of the BellSouth SPA or SWA Managed Shared Network Service ACTLs must be populated in the ASR ACTL field and the BellSouth SPA (or SPA&SWA) Managed Shared Network Service Plan Number must be populated in the ASR REMARKS field. The BellSouth SPA & SWA Managed Shared Network Service Plan Number is the Common Language Location Identification (CLLI) code for the Plan Aggregation Location and will be provided to the Customer by BellSouth. (See paragraph above regarding the CLLI used to identify the PLAN.)

I don't know enough to critique the paragraphs on order SPA service. Requirements for MCPA (PLAN) data should be similar on orders for SWA service.

When ordering a channelized or multiplexed BellSouth SPA Managed Shared Network Service DS3 circuit from the POP to the Serving Wire Center, a [SPEC code should not be provided](#). All other ASR fields should be populated using current procedures. See [Attachment A](#) for ASR example for this situation.

When ordering a non-channelized or point-to-point BellSouth SPA Managed Shared Network Service DS3 circuit from the POP to the Customer Premises, [the following SPEC code must be provided: L11NP](#). BellSouth SPA Point to Point Network Service (also known as LightGate) rates will be used to bill the circuit from the BellSouth SPA Managed Shared Network Service End User serving wire center to the End User Customer premise. If the BellSouth SPA Point to Point Network Service charges are under a Transport Payment Plan, the contract information must be provided in the REMARKS field following 'VTA2'. See [Attachment B](#) for ASR example for this situation.

When ordering a BellSouth SPA Managed Shared Network Service DS1 or DS0 circuit, the same information and data that is currently provided to order a Special Access DS1 or DS0 circuit should be provided. [The only exception is the presence of the BellSouth SPA Managed Shared Network Service ACTL and BellSouth SPA Managed Shared Network Service Plan Number](#). See [Attachment C](#) for ASR example.

When an End User Customer is ordering a circuit that is a Shared Network Arrangement (SNA) associated with BellSouth SPA Managed Shared Network Service, [the ACTL must be populated with the BellSouth SPA Managed Shared Network Service ACTL and the FBA field should be populated with 'A'](#). The ACTL will be used to identify the BellSouth SPA Managed Shared Network Service Customer, Plan Number, and Billing Account Number for population on the order. See [Attachment D](#) for ASR example.

See Section 5 for BellSouth SPA Managed Shared Network Service Plan Numbers.

4. Customer Service Records

A list and description of the rate elements (USOCs) for BellSouth SPA & SWA Managed Shared Network Service is provided in Section 6 of this document.

BellSouth SPA & SWA Managed Shared Network Service Plan Information:

The plan information contains the following:

- FID SPP followed by 'MSNS' indicates BellSouth SPA or SPA/SWA Managed Shared Network Service.
- FID ACM is the plan commitment level (i.e. number of equivalent DS1 circuits).
- FID TA is the plan commitment length (12 or 60 months) and the beginning term agreement date.
- FID RD is the plan rate date.
- FID PIU indicates the jurisdiction (currently PIU 100 is only valid value).
- FID MCPA is the plan number and aggregate location CLLI.

970225	SPP	MSNS/ACM 91/TA 60, 03-10-97/RD 02-25-97/PIU 100/MCPA IXCPOPCLLIX	970804
		INTERSTATE SUBTOTAL	0.00
		INTRASTATE SUBTOTAL	0.00
		CIRCUIT SUBTOTAL	0.00

BellSouth SPA Managed Shared Network Service System Circuit (Initial Establishment):

This circuit bills the BellSouth SPA Managed Shared Network Service DS3 Local Channel Charges (USOC HFN3C). The rate for this charge is based on the number of BellSouth SPA Managed Shared Network Service DS3 circuits for a given plan. **When the circuit is initially established, the USOC quantity will be zero.**

970311	CLF	MSNS CLLIX POPCLLI POPSWCCLLI	970311
		/NC HF-M/PIU 100/MCPA IXCPOPCLLIX	
970311	1 NSMAA	/SED 03-11-97	970311
970311	CKL	1-ICPOP ADDRESS, ANYTOWN, US/LSO NPA	970311
		NXX/NCI 04DS6.44/ACTL 1	
970311	0 HFN3C	/SED 03-11-97	970311
		/SPP MSNS/TA 60, 03-10-97/RD 02-25-97/MCPA IXCPOPCLLIX	
970311	CKLT	2-ICPOPSWCCLI	970311
		INTERSTATE SUBTOTAL	0.00
		INTRASTATE SUBTOTAL	0.00
		CIRCUIT SUBTOTAL	0.00

If established or updated after SWA MSNS was tariffed, the MSNS Plan Circuit will look the same, but the MSNS System Circuit will now carry the SWA DS3 Local Channel USOC (OHS3L) and the Alternate Aggregate Location establishment USOC (OHSLE). One OHSLE should be present for each Alternate Aggregate location established, identified using one of the ACTL CLLIs associated with that address in the RMKR entry (with cross reference back to the PLAN shown after the MCPA FID). Example:

020611	CLF	MSNS CLLIX IXCPOPCLLIX POPSWCCLLI	020611
		/NC HF-M/PIU 100/MCPA IXCPOPCLLIX	
020611	1	NSMAA /SED 06-11-02	020611
020611	CKL	1-ICPOP ADDRESS, ANYTOWN, US/LSO NPA	020611
		NXX/NCI 04DS6.44/ACTL 1	
020611	0	HFN3C /SED 06-11-02	020611
		/SPP MSNS/TA 60, 06-11-02/RD 06-08-	
		02/MCPA IXCPOPCLLIX	
020611	0	OHS3L /SED 06-11-02	020611
		/SPP MSNS/TA 60, 06-11-02/RD 06-08-	
		02/MCPA IXCPOPCLLIX	
020611	1	OHSLE /SED 06-11-02	020611
		/RMKR (A) ixcaltclli	
		/MCPA IXCPOPCLLIX	
020611	CKLT	2-ICPOPSWCCLI	020611
INTERSTATE SUBTOTAL			0.00
INTRASTATE SUBTOTAL			0.00
CIRCUIT SUBTOTAL			0.00

BellSouth SPA/SWA Managed Shared Network Service System Circuit (After Conversion):

The BellSouth SPA/SWA Managed Shared Network Service Conversion will add a UDP USOC for each BellSouth SPA/SWA Managed Shared Network Service DS3 circuit and increase the quantity of the appropriate DS3 Local Channel USOC (HFN3C for SPA, OHS3L for SWA) to equal the number of DS3 circuits. The rate will be based on the final quantity.

[As BellSouth SPA/SWA Managed Shared Network Service DS3 circuits are added or disconnected, the USOC quantity and rate will be changed.](#)

970716	CLF	MSNS CLLIX POPCLLI POPSWCCLLI /NC HF-M/RAF1 11424, 2410-T1521/PIU 100/MCPA IXCPOPCLLIX/TAX B	980501
970716	1 NSMAA	/SED 07-16-97	970804
950816	1 UDP	/SED 08-16-95 /SCID CLF 4001 T3Z SWCCLLI1 IXCPOPCLLIX/ACNA XXX/PIU 100/HBAN NPA NXX-XXXX-XXX/RAF1 672, 672-T284	970919
950814	1 UDP	/SED 08-14-95 /SCID CLF 4001 T3Z SWCCLLI2XXX IXCPOPCLLIX/ACNA XXX/PIU 100/HBAN NPA NXX-XXXX-XXX/RAF1 672, 26-T24	980313
950814	1 UDP	/SED 08-14-95 /SCID CLF 4002 T3Z SWCCLLI1 IXCPOPCLLIX/ACNA XXX/RAF1 672, 624- T432/PIU 100/HBAN NPA NXX-XXXX-XXX	970919
950814	1 UDP	/SED 08-14-95 /SCID CLF 4002 T3Z SWCCLLI2XXX IXCPOPCLLIX/ACNA XXX/PIU 100/HBAN NPA NXX-XXXX-XXX/RAF1 672, 168-T120	970919
950814	1 UDP	/SED 08-14-95 /SCID CLF 4003 T3Z SWCCLLI2XXX IXCPOPCLLIX/ACNA XXX/PIU 100/HBAN NPA NXX-XXXX-XXX/RAF1 672, 0	980605
950925	1 UDP	/SED 09-25-95 /SCID CLF 4004 T3Z SWCCLLI2XXX IXCPOPCLLIX/ACNA XXX/PIU 100/HBAN NPA NXX-XXXX-XXX /RAF1 672, 168-T168	970919
951025	1 UDP	/SED 10-25-95 /SCID CLF 4006 T3Z SWCCLLI2XXX IXCPOPCLLIX/ACNA XXX/PIU 100/HBAN NPA NXX-XXXX-XXX/RAF1 672, 0	971013
951122	1 UDP	/SED 11-22-95 /SCID CLF 4007 T3Z SWCCLLI2XXX IXCPOPCLLIX/ACNA XXX/PIU 100/HBAN NPA NXX-XXXX-XXX/RAF1 672, 0	971115
951213	1 UDP	/SED 12-13-95 /SCID CLF 4008 T3Z SWCCLLI2XXX IXCPOPCLLI1/ACNA XXX/PIU 100/HBAN NPA NXX-XXXX-XXX/RAF1 672, 192-T192	970919
960112	1 UDP	/SED 01-12-96 /SCID CLF 4009 T3Z SWCCLLI2XXX IXCPOPCLLI1/ACNA XXX/PIU 100/HBAN NPA NXX-XXXX-XXX/RAF1 672, 120-T24	970919
960612	1 UDP	/SED 06-12-96 /SCID CLF 4011 T3Z SWCCLLI2XXX IXCPOPCLLI1/ACNA XXX/PIU 100/HBAN NPA NXX-XXXX-XXX/RAF1 672, 0	970919
980409	1 UDP	/SED 04-09-98 /SCID CLF 4017 T3Z SWCCLLI2XXX IXCPOPCLLI1/ACNA XXX/PIU 100/HBAN NPA NXX-XXXX-XXX/RAF1 672, 272-T253	980409
980414	1 UDP	/SED 04-14-98	980414

		/SCID CLF 4018 T3Z SWCCLLI2XXX		
		IXCPOPCLLI1/ACNA XXX/PIU 100/HBAN		
		NPA NXX-XXXX-XXX/RAF1 672, 96		
980414	1 UDP	/SED 04-14-98		980414
		/SCID CLF 4019 T3Z SWCCLLI2XXX		
		IXCPOPCLLI1/ACNA XXX/PIU 100/HBAN		
		NPA NXX-XXXX-XXX/RAF1 672, 72-T24		
980414	1 UDP	/SED 04-14-98		980414
		/SCID CLF 4020 T3Z SWCCLLI2XXX		
		IXCPOPCLLI1/ACNA XXX/RAF1 672, 0		
		/PIU 100		
980610	1 UDP	/SED 06-10-98		980610
		/SCID CLF 4022 T3Z SWCCLLI2XXX		
		IXCPOPCLLI1/ACNA XXX/PIU 100/HBAN		
		NPA NXX-XXXX-XXX/RAF1 672, 0		
980610	1 UDP	/SED 06-10-98		980610
		/SCID CLF 4023 T3Z SWCCLLI2XXX		
		IXCPOPCLLI1/ACNA XXX/RAF1 672, 0		
		/PIU 100		
970804	CKL	1-ICPOP ADDRESS, ANYTOWN, US/LSO		970804
		NPA NXX/ACTL 1/NCI 04DS6.		
		44/TAR XXX,XXX		
970804	17 HFN3C	/RZN 1/SED 08-04-97		980418
		/SPP MSNS/TA 60, 05-19-97/RD 05-13-		
		97/MCPA IXCPOPCLLIX		
		INTER XX - EC XXXX		
		{ RF 79.33% X	9503.00	} 7538.73
020804	0 OHS3L	/SED 08-04-02		020804
		/SPP MSNS/TA 60, 05-19-97/RD 05-13-		
		97/MCPA IXCPOPCLLIX		
		INTER XX - EC XXXX		
		{ RF 20.67% X	9503.00	} 1964.27
970804	CKLT	2-ICPOPSWCCLLI1		970804
		INTERSTATE SUBTOTAL	9503.00	
		INTRASTATE SUBTOTAL	0.00	
		CIRCUIT SUBTOTAL	9503.00	

BellSouth SPA Managed Shared Network Service Channelized DS3:

BellSouth SPA Managed Shared Network Service Channelized DS3 circuits are ordered from the Customer's POP to the POP Serving Wire Center. *These circuits will not have any billing.* The BellSouth SPA Managed Shared Network Service *DS3 Local Channel is billed on the System Circuit.*

950816	CLF	4001 T3Z IXCPOPCLLI POPSWCCLIX/NC HF- M/CKR ABCD23454/PIU 100/MCPA IXCPOPCLLIX	970225
950816	1 HFND3	/SED 08-16-95	970923
950816	CKL	1-ICPOP ADDRESS, ANYTOWN, US/LSO NPA NXX/ACTL 1/NCI 04DS6.44/TAR XXX, XXX	950816
950816	1 HTN	/SED 08-16-95	950816
950816	CKLT	2-POPSCWCLLIX/TAR XXX,XXX	950816
		INTERSTATE SUBTOTAL	0.00
		INTRASTATE SUBTOTAL	0.00
		CIRCUIT SUBTOTAL	0.00

BellSouth SPA Managed Shared Network Service DS3 to Customer Premise served by
BellSouth SPA Point to Point Network Service (LightGate) 2,3, or 4:

This service will require two circuit ids. The portion from the POP to the POP Serving Wire Center will be billed as BellSouth SPA Managed Shared Network Service. This circuit will bill BellSouth SPA Managed Shared Network Service DS3 Interface and Interoffice Mileage if applicable. This circuit will be cross-connected to a second circuit that will bill the BellSouth SPA Point to Point Network Service charges from the End User Customer Serving Wire Center to the End User Customer Premises. The second circuit ID will be provided following the FID WACD.

980527	CLS	XX.HFGS.123456..SC/NC	HFX-/CKR	980527
		02894387/PIU 100/MCPA	IXCPOPCLLIX	
980527	1 HFND3	/SED 05-27-98		980527
980527	CKL	1-ICPOP ADDRESS, ANYTOWN, US/LSO		980527
		NPA NXX/NCI 04DS6.44G/ACTL 2/TAR		
		XXX,XXX		
980527	1 CTG	/SED 05-27-98		980527
980527	1 HFN13	/RZN 1/SED 05-27-98		980527
		/SPP MSNS/TA 60, 12-04-97/RD 12-04-97		
		INTER XX - EC XXXX /MCPA IXCPOPCLLIX		
	{	1 X	80.00	80.00
980527	CKL	2-CENTRAL OFFICE, ANYTOWN, US/LSO		980527
		NPA NXX/NCI 04DS6.44G/TAR XXX,XXX		
980527	1 CTG	/SED 05-27-98		980527
		/WACD XC NPA NXX XX.HFGS.789912..SC		
		INTERSTATE SUBTOTAL	80.00	
		INTRASTATE SUBTOTAL	0.00	
		ASG SUBTOTAL	80.00	
	ASG	3000		
980527	CLS	XX.HFGS.789912..SC/NC	HF--/CKR	980527
		02894387/PIU 100		
		/CNI AAAAAANNNMMDDYY		
980527	1 HFQC6	/SED 05-27-98		980527
980527	CKL	1-CUSTOMER ADDRESS, ANYTOWN, US/LSO		980527
		NPA NXX/NCI 04DS6.44+/ACTL 2/TAR		
		XXX,XXX/XPOI IXCPOPCLLIX		
980527	1 HTN	/SED 05-27-98		980527
980527	1 1PQEP	/SED 05-27-98		980527
		INTER XX - EC XXXX		
	{	1 X	115.00	115.00
980527	CKL	2-CENTRAL OFFICE, ANYTOWN, US/LSO		980527
		NPA NXX/NCI 04DS6.44G/TAR XXX,XXX		
980527	1 CTG	/SED 05-27-98		980527
		/WACD XC NPA NXX XX.HFGS.123456..SC		
980527	1 1PQEC	/SET 05-27-98		
		INTER XX - EC XXXX		
	{	1 X	115.00	115.00
		INTERSTATE SUBTOTAL	230.00	
		INTRASTATE SUBTOTAL	0.00	
		ASG SUBTOTAL	230.00	

BellSouth SPA Managed Shared Network Service DS3 to Customer Premise served by
BellSouth SPA Point to Point Network Service (LightGate) 1:

This service will require one circuit id which will bill all applicable BellSouth SPA Managed Shared Network Service and BellSouth SPA Point to Point Network Service charges.

970116	CLS	XX.HFGS.XXXXXX..SC/NC HF--/CKR 06487478/PIU 100 /MCPA IXCPOPCLLIX	980701
970116	1 HFND3	/SED 01-16-97	980527
980527	CKL	1-ICPOP ADDRESS, ANYTOWN, US/LSO NPA NXX/NCI 04DS6.44C/ACTL 1/TAR XXX,XXX	980527
970116	1 CTG	/SED 01-16-97	980527
970116	1 HFN13	/RZN 1/SED 01-16-97 /SPP MSNS/TA 60, 12-04-97/RD 12-04- 97/MCPA IXCPOPCLLIX INTER XX - EC XXXX	980527
		{ 1 X 80.00 }	80.00
970116	13 1L5NS	/SED 01-16-97 /SPP MSNS/TA 60, 12-04-97/RD 12-04- 97/MCPA IXCPOPCLLIX INTER XX - EC XXXX	980527
		{ 1700.00 +(144.00X 13) }	3572.00
980527	CKL	2-1 CUSTOMER ADDRESS, ANYTOWN, US/LSO NPA NXX /NCI 04DS6.44A/TAR XXX,XXX	980527
970116	1 CTG	/SED 01-16-97	980527
970116	1 HFSC6	/RZN 3/SED 01-16-97 INTER XX - EC XXXX	980701
		{ 1 X 2000.00 }	2000.00
970116	1 1LPEA	/RZN 3/SED 01-16-97 INTER XX - EC XXXX	980701
		{ 0.00 +(250.00X 1) }	250.00
970116	1 1PQEC	/SED 01-16-97 INTER XX - EC XXXX	980527
		{ 1 X 115.00 }	115.00
970116	1 1PQEP	/SED 01-16-97 INTER XX - EC XXXX	980527
		{ 1 X 115.00 }	115.00
970116	672 S25EX	/SED 01-16-97/EXR 4	980527
		INTERSTATE SUBTOTAL	6132.00
		INTRASTATE SUBTOTAL	0.00
		ASG SUBTOTAL	6132.00

Carrier Ordered Non-channelized BellSouth SPA Managed Shared Network Service DS1 circuit to End User Customer:

This circuit is non-channelized from the aggregation location (POP) to the End User Customer Premises.

980701	CLS	XX.HCGS.XXXXXX..SC/NC HC--/CKR 01743046/SSP/PIU 100/MCPA IXCPOPCLLIX	980701
980701	1 XDH1X	/SED 07-01-98	980701
980701	CKL	1-ICPOP ADDRESS, ANYTOWN, US/LSO NPA NXX/NCI 04DS6.44.SS/CFA 101 T3Z 25 IXCPOPCLLIX POPSWCLLIX0/ACTL 2/TAR XXX,XXX	980701
980701	1 HTN	/SED 07-01-98	930702
980701	CKLT	2-POPSWCCLIX	980701
980701	1 HFN11	/RZN 1/SED 07-01-98 /SPP MSNS/TA 60, 12-04-97/RD 12-04- 97/MCPA IXCPOPCLLIX INTER XX - EC XXXX	980701
	{	1 X 35.00 }	35.00
980701	CKL	3-CUSTOMER ADDRESS, ANYTOWN, US /LSO NPA NXX/NCI 04DU8.B.SS/TAR XXX,XXX	980701
980701	1 TMECS	/RZN 1/SED 07-01-98 INTER XX - EC XXXX	971201
	{	1 X 150.00 }	150.00
980701	4 1L5NS	/RZN 1/SED 07-01-98 /SPP MSNS/TA 60, 12-04-97/RD 12-04- 97/MCPA IXCPOPCLLIX INTER XX - EC XXXX	980701
	{	120.00 +(0.00X 4) }	120.00
980701	24 S25EX	/SED 07-01-98	930702
		INTERSTATE SUBTOTAL	305.00
		INTRASTATE SUBTOTAL	0.00
		ASG SUBTOTAL	305.00

Carrier Ordered Channelized BellSouth SPA Managed Shared Network Service DS1:

These circuits are channelized DS1 circuits from the aggregation location (POP) to the POP Serving Wire Center. **These circuits will not have any billable rate elements. Charges will be billed at the lower level circuits.**

980517	CLF	101 T1 IXCPOPCLLIX POPSWCCLLIX /NC HC-M /SSP/SSM/CKR 184793/RAF1 24, 0/PIU 100/MCPA IXCPOPCLLIX	980501
980519	1 XDH1X	/SED 05-19-98	980519
980519	CKL	1-ICPOP ADDRESS, ANYTOWN, US/LSO NPA NXX/NCI 04DS6.44/CFA 103 T3Z 25 IXCPOPCLLIX POPSWCCLLIX/HBAN NPA NXX- XXXX-XXX/ACTL 1/TAR XXX,XXX	980519
981519	1 HTN	/SED 05-19-98	980519
980519	CKLT	2-POPSWCCLLIX/TAR XXX, XXX	980519
980519	1 CCOEF	/RZN 1/SED 05-19-09	980610

Channelized DS1 Ordered by End User Customer to IXC BellSouth SPA Managed Shared Network Service POP (Customer CSR):

These circuits are ordered by the End User Customer. The BellSouth SPA Managed Shared Network Service charges will be billed to the customer that has purchased a BellSouth SPA Managed Shared Network Service plan. All charges not related to BellSouth SPA Managed Shared Network Service will be billed to the End User Customer. The following CSR represents the CSR for the End User Customer.

980517	CLF	101 T1 IXCPOPCLLIX POPSWCCLIIX /NC HC-M	980517
		/SSP/SSM/CKR 184793/RAF1 24, 0/PIU	
		100/MCPA IXCPOPCLLIX/ZSB P	
980517	1 XDH1X	/SED 05-17-980	980517
980517	CKL	1-ICPOP ADDRESS, ANYTOWN, US/LSO	980517
		NPA NXX/NCI 04DS6.44/CFA 103 T3Z 25	
		IXCPOPCLLIX POPSWCCLIIX /HBAN NPA NXX-	
		XXXX-XXX/ACTL 1/TAR XXX,XXX	
980517	1 HTN	/SED 05-17-98	980517
980517	0 1L5NS	/RZN 1/SED 05-17-98	980517
		/MCPA IXCPOPCLLIX	
980517	CKLT	2-FTLDFLMA/TAR XXX,XXX	980517
980517	1 HFN11	/RZN 1/SED 05-17-98	980517
		/SPP MSNS/TA 60, 12-04-97/RD 12-04-	
		97/SB NPA NXX-0312/MCPA IXCPOPCLLIX	
980517	1 MQ1	/RZN 1/SED 05-17-98	980517
		INTER XX - EC XXXX	
	{	1 X 185.00 }	185.00
		INTERSTATE SUBTOTAL	185.00
		INTRASTATE SUBTOTAL	0.00
		ASG SUBTOTAL	185.00

Channelized DS1 Ordered by End User Customer to IXC BellSouth SPA Managed Shared Network Service POP (Carrier CSR):

The following CSR represents the CSR for the Customer that has the BellSouth SPA Managed Shared Network Service plan. This circuit is generated mechanically in CABS from the End User Customer order. The BellSouth SPA Managed Shared Network Service customer does not issue an order.

980517	CLF	101 T1 IXCPOPCLLIX POPSWCCLIIX /NC HC-M	980517
		/SSP/SSM/CKR 184793/RAF1 24, 0/PIU	
		100/MCPA IXCPOPCLLIX/ZSB S	
980517	1 XDH1X	/SED 05-17-980	980517
980517	CKL	1-ICPOP ADDRESS, ANYTOWN, US/LSO	980517
		NPA NXX/NCI 04DS6.44/CFA 103 T3Z 25	
		IXCPOPCLLIX POPSWCCLIIX /HBAN NPA NXX-	
		XXXX-XXX/ACTL 1/TAR XXX,XXX	
980517	1 HTN	/SED 05-17-98	980517
980517	0 1L5NS	/RZN 1/SED 05-17-98	980517
		/MCPA IXCPOPCLLIX	
980517	CKLT	2-F'TLDFLMA/TAR XXX,XXX	980517
980517	1 HFN11	/RZN 1/SED 05-17-98	980517
		/SPP MSNS/TA 60, 12-04-97/RD 12-04-	
		97/MCPA IXCPOPCLLIX	
		INTER XX - EC XXXX	
		{ 1 X 35.00 }	35.00
980517	1 MQ1	/RZN 1/SED 05-17-98	980517
		/SB NPA NXX-0900	
		INTERSTATE SUBTOTAL	35.00
		INTRASTATE SUBTOTAL	0.00
		ASG SUBTOTAL	35.00

Carrier Ordered BellSouth SPA Managed Shared Network Service DDAS Circuit to End User Customer Premise:

These circuits are ordered by the BellSouth SPA Managed Shared Network Service Customer from the aggregation location (POP) to the End User Customer Premises. The End User Customer can also order BellSouth SPA Managed Shared Network Service DDAS circuit. [The billing would be split with the End User Customer being billed all charges not related to BellSouth SPA Managed Shared Network Service.](#) The BellSouth SPA Managed Shared Network Service customer would be billed BellSouth SPA Managed Shared Network Service charges. See previous DS1 example.

990507	CLS	XX.XHGS.XXXXXX..SC/NC XH--/CKR 05503978/SSP/PIU 100/MCPA IXCPOPCLLIX	980501
980507	1 XDD4X	/SED 05-07-98	951201
980507	CKL	1-ICPOP ADDRESS, ANYTOWN, US/LSO NPA NXX/CFA 5000 T1 23 IXCPOPCLLIX POPSWCCLLIX/NCI 04DS6.44.SS/ACTL 2 /TAR XXX,XXX	980507
980507	1 HTN	/SED 05-07-98	951201
980507	CKLT	2-POPSWCCLLIX/TAR 439,758	980507
980507	1 HFN1S	/SED 05-07-98	980608
		/SPP MSNS/TA 60, 12-04-97/RD 12-04- 97/MCPA IXCPOPCLLIX INTER XX - EC XXXX	
	{	1 X 26.00 }	26.00
980507	CKL	3-CUSTOMER ADDRESS, ANYTOWN, US /LSO NPA NXX/NCI 04DU5.56/TAR XXX, XXX	980507
980507	1 T6ECS	/SED 05-07-98 INTER XX - EC XXXX	971029
	{	1 X 102.00 }	102.00
980507	74 1L5NS	/SED 05-07-98 /SPP MSNS/TA 60, 12-04-97/RD 12-04- 97/MCPA IXCPOPCLLIX INTER XX - EC XXXX	980608
	{	20.00 +(1.50X 74) }}	131.00
980507	1 RJ48S	/SED 05-07-98	951201
980507	1 S25EX	/SED 05-07-98/EXR 4	951201
		INTERSTATE SUBTOTAL	259.00
		INTRASTATE SUBTOTAL	0.00
		ASG SUBTOTAL	259.00

Carrier Ordered BellSouth SPA Managed Shared Network Service Voice Grade to End User Customer Premise:

These circuits are ordered by the BellSouth SPA Managed Shared Network Service Customer from the aggregation location (POP) to the End User Customer Premises. The End User Customer can also order BellSouth SPA Managed Shared Network Service Voice Grade circuit. **The billing would be split with the End User Customer being billed all charges not related to BellSouth SPA Managed Shared Network Service.** The BellSouth SPA Managed Shared Network Service customer would be billed BellSouth SPA Managed Shared Network Service charges. See previous DS1 example.

980513	CLS	XX.LHGS.XXXXXX..SC/NC LH-A/CKR	980513
		02784566/SSP/PIU 100/MCPA	
		IXCPOPCLLIX/TAX B,C,D	
980513	1 XDV7X	/SED 05-13-98	980513
980513	CKL	1-ICPOP ADDRESS, ANYTOWN, US/LSO	980513
		NPA NXX/NCI 04DS6.44.SS/CFA 105 T1	
		13 IXCPOPCLLIX POPSWCCLLIX/ACTL 2/TAR	
		XXX,XXX	
980513	1 HTN	/SED 05-13-98	980513
980513	CKLT	2-POPSWCLLIX/TAR XXX,XXX	980513
980513	1 HFN1V	/SED 05-13-98	980513
		/SPP MSNS/TA 60, 12-04-97/RD 12-04-	
		97/MCPA IXCPOPCLLIX	
		INTER XX - EC XXXX	
	{	1 X 19.00 }	19.00
980513	CKL	3-CUSTOMER ADDRESS, ANYTOWN, US	980513
		/LSO NPA NXX/NCI 02LS2..GS/TAR XXX,	
		XXX	
980513	1 T6E4X	/SED 05-13-98	980513
		INTER XX - EC XXXX	
	{	1 X 55.75 }	55.75
980513	7 1L5NS	/SED 05-13-98	980513
		/SPP MSNS/TA 60, 12-04-97/RD 12-04-	
		97/MCPA IXCPOPCLLIX	
		INTER XX - EC XXXX	
	{	23.00 +(0.00X 7) }}	23.00
980513	1 RLS	/SED 05-13-98	980513
		INTER XX - EC XXXX	
	{	1 X 2.35 }	12.35
980513	1 XSSL5	/SED 05-13-98	980513
		INTER XX - EC XXXX	
	{	1 X 6.00 }	6.00
980513	1 S25EX	/SED 05-13-98	980513
		INTERSTATE SUBTOTAL	116.10
		INTRASTATE SUBTOTAL	0.00
		ASG SUBTOTAL	116.10

SWA DS3 — Channelized (CLF format)

ASG 4XXX
 CLF 101 T3 ACTLCLLICOD ACTLSWCCLLI
 /NC HF-M/PIU 100/LTP XX
 /CKR XYZ12345/MCPA PLANCLLICOD
 1 OHSD3 (Basic Class of Service)

CKL 1-ACTL ADDRESS,ANYTOWN,US
/LSO NPA NXX/SN CUSTOMER NAME
/LCON B DOLE,NPA NXX-XXXX
/TAR XXX,XXX/NCI XXXXX.XX/ACTL#
/XPOI ACTLCLLICOD
1 HTN
CKLT 2-ACTLSWCCLLI

SWA DS1 — Switched terminated DS1 (NC = HC-D)

ASG 7XXX
CLF 302 T1 ACTLCLLICOD ZSWITCHCLLI
/NC HC-D/PIU 100/LTP XX
/CKR XYZ12345/MCPA PLANCLLICOD
1 OHSD1 (Basic Class of Service-MSNS SWA DS1)
CKL 1-ACTL ADDRESS,ANYTOWN,US
/LSO NPA NXX/SN CUSTOMER NAME
/LCON B DOLE,NPA NXX-XXXX
/TAR XXX,XXX/NCI XXXXX.X/ACTL#
/CFA 1001 T3 5 ACTLCLLICOD ACTLSWCCLLI
1 HTN
CKLT 2-ACTLSWCCLLI
1 OHS1S/MCPA PLANCLLICOD (MSNS SWA DS1 INTERFACE)
CKLT 3-ZSWITCHCLLI
1L5MS/MCPA PLANCLLICOD (MSNS SWA Ded.Transport Mileage)
1 TD+1P (if appropriate)

SWA DS1 — MUX terminated DS1 (NC = HC-M)

ASG 7XXX
CLF 302 T1 ACTLCLLICOD ACTLSWCCLLI
/NC HC-M/PIU 100/LTP XX
/CKR XYZ12345/MCPA PLANCLLICOD
1 OHSD1 (Basic Class of Service-MSNS SWA DS1)
CKL 1-ACTL ADDRESS,ANYTOWN,US
/LSO NPA NXX/SN CUSTOMER NAME
/LCON B DOLE,NPA NXX-XXXX
/TAR XXX,XXX/NCI XXXXX.X/ACTL#
/CFA 1001 T3 3 ACTLCLLICOD ACTLSWCCLLI
1 HTN
CKLT 2-ACTLSWCCLLI
CKLT 3-ACTLSWCCLLI

SWA DS0 — Line Side

ASG 9XXX
CLTB A4.SBGS.NPA.NXX.LINE
/NC SDGA/PIU 100/LTP XX
/MCPA PLANCLLICOD

1 OHSLO (Basic Class of Service-MSNS SWA DS0-Line Side)
 CKL 1-ACTL ADDRESS,ANYTOWN,US
 /LSO NPA NXX/SN CUSTOMER NAME
 /LCON B DOLE,NPA NXX-XXXX
 /TAR XXX,XXX/NCI XXXXX.X/ACTL#
 /CFA 102 T1 5 ACTLCLLICOD ACTLSWCCLLI
 1 HTN
 CKLT 2-ACTLSWCCLLI
 1 OHS0L/MCPA PLANCLLICOD (MSNS SWA DS0/LS Interface)
 CKLT 3-ENDOFFICECLLI
 # 1L5MS/MCPA PLANCLLICOD (MSNS SWA Ded.Transport Mileage)

SWA DS0 —Trunk Side

ASG 9XXX
 CLM DF4-EO ENDOFFICECLLI MM ACTLCLLICOD
 /NC SD-D/PIU 100/LTP XX/TSC AF123456
 /MCPA PLANCLLICOD
 1 OHSTO (Basic Class of Service-MSNS SWA DS0-Trunk Side)
 CKL 1-ACTL ADDRESS,ANYTOWN,US
 /LSO NPA NXX/SN CUSTOMER NAME
 /LCON B DOLE,NPA NXX-XXXX
 /TAR XXX,XXX/NCI XXXXX.X/ACTL#
 /CFA 101 T1 3 ACTLCLLICOD ACTLSWCCLLI
 1 HTN
 CKLT 2-ACTLSWCCLLI
 1 OHSOT/MCPA PLANCLLICOD (MSNS SWA DS0/TS Interface)
 CKLT 3-ENDOFFICECLLI
 # 1L5MS/MCPA PLANCLLICOD (MSNS SWA Ded.Transport Mileage)

5. BellSouth SPA Managed Shared Network Service Plan Number(s)

The Account Team should insert the BellSouth SPA Managed Shared Network Service Plan Numbers and ACTLs for each Metro.

6. BellSouth SPA Managed Shared Network USOCs and Definitions

<u>USOC</u>	<u>DESCRIPTION</u>
NSMAA	BELLSOUTH SPA, MANAGED SHARED NETWORK SERVICE, BASIC CLASS OF SERVICE FOR MSNS SYSTEM CIRCUIT
HFND3	BELLSOUTH SPA MSNS DS3 - BASIC CLASS OF SERVICE
OHSD3	BELLSOUTH SWA MSNS DS3 – BASIC CLASS OF SERVICE
OHSD1	BELLSOUTH SWA MSNS DS1 – BASIC CLASS OF SERVICE
OHSTO	BELLSOUTH SWA MSNS DS0 – Trunk Side- BASIC CLASS OF SERVICE
OHSLO	BELLSOUTH SWA MSNS DS0 – Line Side- BASIC CLASS OF SERVICE
HFN3C	BELLSOUTH SPA, MANAGED SHARED NETWORK SERVICE , DS3 FLAT RATE, PER LOCAL CHANNEL (billed on the system circuit)
HFN1S	BELLSOUTH SPA, MANAGED SHARED NETWORK SERVICE, DS0 INTERFACE, PER INTERFACE (DDAS)
HFN1V	BELLSOUTH SPA, MANAGED SHARED NETWORK SERVICE, DS0 INTERFACE, PER INTERFACE (VOICE)
HFN11	BELLSOUTH SPA, MANAGED SHARED NETWORK SERVICE, DS1 INTERFACE, PER INTERFACE (DS1)
HFN13	BELLSOUTH SPA, MANAGED SHARED NETWORK SERVICE, DS3 INTERFACE, PER INTERFACE (DS3)
OHS1S	BELLSOUTH SWA, MSNS, DS1 INTERFACE
OHS1M	BELLSOUTH SWA, MSNS, DS1 MESSAGE TRUNK INTERFACE
OHSOT	BELLSOUTH SWA, MSNS, DS0 INTERFACE, PER TRUNK SIDE CONN.
OHSOL	BELLSOUTH SWA, MSNS DS0 INTERFACE, PER LINE SIDE CONN.
OHSLE	BELLSOUTH SPA/SWA MANAGED SHARED NETWORK SERVICES, ALTERNATE AGGREGATE LOCATION ESTABLISHED
NSMSC	BELLSOUTH SPA, MANAGED SHARED NETWORK SERVICE, SHORTFALL CHARGE, PER UNIT

USOC DESCRIPTION

NSMTC	BELLSOUTH SPA, MANAGED SHARED NETWORK SERVICE TERMINATION LIABILITY CHARGE, PER UNIT
NSMFC	BELLSOUTH SPA, MANAGED SHARED NETWORK SERVICE, FAILURE TO CONVERT CHARGE, PER DS3
1L5NS	BELLSOUTH SPA, MANAGED SHARED NETWORK SERVICE, SPECIAL TRANSPORT MILEAGE BETWEEN IC SERVING WIRE CENTER TO HUB, IC SERVING WIRE CENTER TO SERVING WIRE CENTER, INTEROFFICE CHANNEL, MSNS WITH MILEAGE BANDS.
1L5MS	INTEROFFICE CHANNEL (MILEAGE), SWA MSNS

ASR Example For BellSouth SPA Managed Shared Network Service DS3 Circuit (POP to Serving Wire Center)

***** ADMINISTRATIVE SECTION *****

CCNA XYZ PON MS12345001 VER SPA ICSC SB03 BY RTR CC
 D/TSENT 07-30-98 QA DDD 09-30-98 FDT PRJCT
 PPTD PFPTD NOR LUP BSA REQTYP S+ ACT SUP AFO
 TQ EXP AENG ALB AGAUT DATED CUST
 FBA CKR
 UNIT C PIU 100 LTP PLU CNO
 ECCKT QTY 0000001
 FNI CFNI QTY
 BAN N ASG BIC TEL BIC-ID
 TSC ACTL MSNSCLLILOC LA AI APOT
 RORD
 RPON CCVN ASC-EC TSP
 SAN AFG SPEC

REMARKS

MCPA POPCLLIAL01

1. SPEC code **will not** be populated.
2. FNI **will not** be populated with CNI data.
3. ACTL **will** be populated with the ACTL of the BellSouth SPA Managed Shared Network Service Aggregate/Interim Location CLLI. **Note: This CLLI may or may not be the same as the MCPA CLLI.**
4. REMARKS **will** contain 'MCPA' followed by the BellSouth SPA Managed Shared Network Service Plan Number. The BellSouth SPA Managed Shared Network Service Plan Number **will** be provided by the Account Team to the Customer.
5. The Bill, Contact, Circuit Detail, and Location Sections **will** be populated the same as when ordering BellSouth SPA Point to Point Network (LightGate) DS3 circuits. NC, NCI, and SECNCI data is identical.
6. The first character of REQTYP **will** be 'S' to indicate Special Access Service followed by the appropriate second character depending on the service request (see Access Ordering Service Guide (ASOG) for valid values).

ASR Example For BellSouth SPA Managed Shared Network Service DS3 Circuit (POP to Customer Premises)

***** ADMINISTRATIVE SECTION *****

CCNA XYZ PON MS12345001 VER__ SPA_ ICSC SB03 BY_ RTR__ CC__
D/TSENT 07-30-98 QA_ DDD 09-30-98FDT__ PRJT__
PPTD__ PFPTD__ NOR__ LUP__ BSA_ REQTYP S+ ACT_ SUP_ AFO__
TQ__ EXP_ AENG_ ALB_ AGAUT_ DATED__ CUST__
FBA__ CKR__
UNIT C PIU100 LTP__ PLU__ CNO__
ECCKT__ QTY 0000001
FNI__ CFNI__ QTY__
BAN N ASG__ BIC_ TEL__ BIC-ID__
TSC__ ACTL MSNSCLLILOC LA_ AI_ APOT__
RORD__
RPON__ CCVN__ ASC-EC__ TSP__
SAN__ AFG_ SPEC L11NP+

REMARKS

MCPA POPCLLIAL01 VTA2 A12

1. SPEC code **will** be populated with 'L11NP+' to indicate LightGate Service from the BellSouth SPA Managed Shared Network Service POP Serving Wire Center to the Customer Premises. The sixth position indicates the Separate Alternate Facility Transport (SAFT) for the circuit. Valid values are N, 1, 2, 3, 4, 5, or 6.
2. FNI **will not** be populated with CNI data.
3. ACTL **will** be populated with the ACTL of the BellSouth SPA Managed Shared Network Service Aggregate/Interim Location CLLI. **Note: This CLLI may or may not be the same as the MCPA CLLI.**
4. REMARKS **will** contain 'MCPA' followed by the BellSouth SPA Managed Shared Network Service Plan Number. The BellSouth SPA Managed Shared Network Service Plan Number **will** be provided by the Account Team to the Customer.
5. The Bill, Contact, Circuit Detail, and Location Sections **will** be populated the same as when ordering BellSouth SPA Point to Point Network Service (LightGate) DS3 circuits. NC, NCI, and SECNCI data is identical. If the customer is ordering the BellSouth SPA Point to Point Network Service (LightGate) portion of the circuit under a Transport Payment Plan (TPP), 'VTA2' **will** be provided in the REMARKS followed by the plan information. The plan information indicates the plan type and the number of months. 'A' will be used for TPP. The number of months can be 12 to 96.
6. The first character of REQTYT **will** be 'S' to indicate Special Access Service followed by the appropriate second character depending on the service request (see Access Ordering Service Guide (ASOG) for valid values).

ASR Example For BellSouth SPA Managed Shared Network Service DS1 or DS0 Circuit

***** ADMINISTRATIVE SECTION *****

CCNA XYZ PON MS12345001 VER SPA ICSC SB03 BY RTR CC
 D/TSENT 07-30-98 QA DDD 09-30-98 FDT PRJCT
 PPTD PFPTD NOR LUP BSA REQ TYP S+ ACT SUP AFO
 TQ EXP AENG ALB AGAUT DATED CUST
 FBA CKR
 UNIT C PIU 100 LTP PLU CNO
 ECCKT QTY 0000001
 FNI CFNI QTY
 BAN N ASG BIC TEL BIC-ID
 TSC ACTL MSNSCLLILOC LA AI APOT
 RORD
 RPON CCVN ASC-EC TSP
 SAN AFG SPEC

REMARKS

MCPA POPCLLIAL01

1. ACTL **will** be populated with the ACTL of the BellSouth SPA Managed Shared Network Service Aggregate/Interim Location CLLI. **Note: This CLLI may or may not be the same as the MCPA CLLI.**
2. REMARKS **will** contain 'MCPA' followed by the BellSouth SPA Managed Shared Network Service Plan Number. The BellSouth SPA Managed Shared Network Service Plan Number will be provided by the Account Team to the Customer.
3. The Bill, Contact, Circuit Detail, and Location Sections **will** be populated the same as when ordering Special Access DS1 or DS0 circuits. NC, NCI, and SECNCI data is identical.
4. The first character of REQ TYP **will** be 'S' to indicate Special Access Service followed by the appropriate second character depending on the service request (see Access Ordering Service Guide (ASOG) for valid values).

ASR Example For SNA BellSouth SPA Managed Shared Network Service DS1 or DS0
Circuit

```
***** ADMINISTRATIVE SECTION *****
CCNA XYZ PON MS12345001 VER SPA ICSC SB03 BY RTR CC
D/TSENT 07-30-98 QA DDD 09-30-98FDT PRJCT
PPTD PFPTD NOR LUP BSA REQTYP S+ ACT SUP AFO
TQ EXP AENG ALB AGAUT DATED CUST
FBA A CKR
UNIT C PIU100 LTP PLU CNO
ECCKT QTY 0000001
FNI CFNI QTY
BAN N ASG BIC TEL BIC-ID
TSC ACTL MSNSCLLILOC LA AI APOT
RORD
RPON CCVN ASC-EC TSP
SAN AFG SPEC
REMARKS
```

1. ACTL will be populated with the ACTL of the BellSouth SPA Managed Shared Network Service Aggregate/Interim Location CLLI. **Note: This CLLI may or may not be the same as the MCPA CLLI.**
2. FBA will be populated with 'A'.
3. The Bill, Contact, Circuit Detail, and Location Sections will be populated the same as when ordering Special Access DS1 or DS0 circuits. NC, NCI, and SECNCI data is identical.
4. The first character of REQTYP will be 'S' to indicate Special Access Service followed by the appropriate second character depending on the service request (see Access Ordering Service Guide (ASOG) for valid values).

MSNS CABS BILL SAMPLE -

(SEE PAGE 6 OF THIS DOCUMENT FOR A PRESENTATION OF THE MONTHLY RECURRING CHARGES BILLED ON THE SYSTEM CIRCUIT)

ONE TIME CHARGE: ESTABLISHING ALTERNATE AGGREGATION LOCATION

BILL PAGE 14/69 - SECTION 1/3

601 N07 XXXX 12/05/02 14:29:58 ACCT
CMND

BDT 10/07/02 INV 00001

BILL NO 601 N07-XXXX XXX
INVOICE NO N07XXXXXXXX-000001
BILL DATE OCT 07,2002
ACNA XXX PAGE 14

*** DETAIL OF OTHER CHARGES AND CREDITS ***

BIP AMOUNT

SEP 04 02 SO R6XXXXXX PON XXXXXXXXXXXX
FACILITY IDENTIFICATION MSNS CLLIX POPCLLI POPSWCCLLICODE PIU 100
CIRCUIT LOCATION 0001
ONE-TIME CHARGE FOR
OHSLE 1 BELLSOUTH SWA, **MANAGED SHARED NTWK SVC** (MSNS),
ALTERNATE AGGREGATION LOCATION ESTABLISHED
PIU 100
INTERSTATE - MS - EC 5184 1,500.00

NET EFFECT OF SO R6XXXXXX PON XXXXXXXXXXXX
PER MONTH FRACTIONAL ONE-TIME BILLED AMOUNT
TOTAL - MS - EC 5184
0.00 0.00 1,500.00 1,500.00

MSNS CABS BILL SAMPLE -

(NOTE: MSNS USOCs do not bill a Non-Recurring (One-Time) Charge for Service added. MRC (next month & current fractional) is billed as an OC&C on orders with for these

USOCs. Any non-recurring associated with other non-MSNS USOCs on the would still apply.

ACTIVATING DS3 IN MSNS LOCATION

BILL PAGE 45/83 - SECTION 1/3

615 N28 XXXX 12/05/02 15:33:59 ACCT
CMND

BDT 07/28/02 INV 00001

BILL NO 615 N28-XXXX XXX
INVOICE NO N28XXXXXXXX-00001
BILL DATE JUL 28,2002
ACNA XXX PAGE 45

*** DETAIL OF OTHER CHARGES AND CREDITS ***

BIP AMOUNT

JUL 18 02 SO C9XXXXXX PON XXXXXXXX
CIRCUIT NUMBER T4.HFGS.XXXXXX..SC PIU 100
CIRCUIT LOCATION 0001

CHARGE FOR ACCESS SERVICE ADDED
FROM JUL 18 02 THRU JUL 27 02

HFN13 1 **MANAGED SHARED NETWORK SERVICE** (MSNS),
DS3 INTERFACE, PER INTERFACE, **DS3**
PIU 100
INTERSTATE - TN - EC 5185 - ZONE 1

24.00

CIRCUIT LOCATION 0002 PIU 100

CHARGE FOR ACCESS SERVICE ADDED
FROM JUL 18 02 THRU JUL 27 02

PE1PH 1 DS1 CROSS-CONNECT FOR PHYSICAL EXPANDED
INTERCONNECTION SERVICE,
FOR DS3 POT BAY BILLING
PIU 100
INTERSTATE - TN - EC 5185

2.40

CHARGE FOR ACCESS SERVICE ADDED
FROM JUL 18 02 THRU JUL 27 02

PE1P3 1 EXPANDED INTERCONNECTION SERVICE-PHYSICAL
EXPANDED INTERCONNECTION SERVICE-GENERAL
DS3 CROSS-CONNECT
PIU 100
INTERSTATE - TN - EC 5185

5.78

NET EFFECT OF SO C9XXXXXX PON XXXXXX
PER MONTH FRACTIONAL ONE-TIME BILLED AMOUNT
TOTAL - TN - EC 5185
107.26 32.18 0.00 32.18

OC&C Record: Adjustment for DS3 Local Channels added or removed during the month:

MM DD YY

SO ZYYMMDDNNNN

Facility Identification MSNS CLLIX MCPACLLIXXX POPSWCCLLI PIU 100
 Circuit Location 0001

Charge for Access Service Added (or Removed)
 Previous Month Billing = \$14,116.06
 Current Month Billing = \$14,589.00
 Billing Difference X 50% = \$ 236.47
 Special Access (32/32)

HFN3C 32 Managed Shared Network Service (MSNS),
 Local Channel, DS3 Service, Flat Rate, Per
 Local Channel, Per Aggregation Location
 PIU 100
 Interstate – XX – EC XXXX – ZONE X 236.47

Net Effect of SO ZYYMMDDNNN				
	Per Month	Fractional	One-Time	Billed Amount
Total – XX – EC XXXX				
	236.47	236.47	0.00	236.47

Because the current month has a higher count than the previous month, an additional debit was billed. If the current month was less than the previous month, a credit would be issued.

Adjustment for circuits not converted yet (determined and issued during conversion clean-up period):

MM DD YY Adjustment of Interconnection Charge
 From MM DD YY thru MM DD YY
 Customer Audit Number ECXXXMSNSCYMMDD
 Circuit Number MSNS September Monthly Recurring Credit
 Directionality: N/A INIT/PREV Billed: PREV
 PREM/NONPREM Ind: N/A Rec/Nonrec Ind: Nonrec
 Interstate – XX – EC XXXX AMOUNT CR

In this entry, the MM-DD-YY of the from and to are entered by the Rep to show the month being adjusted for. Customer Audit Number format:

EC	constant
MSNS	constant
XXX	Customer ACNA
C	C or D to indicate credit or debit
YYMMDD	Year, Month, and Date of adjustment issuance

The appropriate Month should appear in the fourth line of data.
 The amount will be shown as a CR if a credit is being applied.

MSNS – Service Concept / Diagram

LATA -- XYZ

