201102	COLLOCATION - Kentucky												Attachment: 4		Exhibit: B	
			-						,		Svc Order	Svc Order	Incremental	ncremental	Incremental	Incremental
					_								Charge -	Charge -	Charge -	Charge -
1		Interi		ć	000			470					Manual Svc	Manual Svc Manual Svc	Manual Svc	Manual Svc
CALEGORY	KAIE ELEMENIS	E	9u07	S.S.	2020		Ł	KA 1 E3(4)			per LSR	per LSR	Order vs.	Order vs.	Order vs.	Order vs.
											·		Electronic-	Electronic-	Efectronic- Disc 1st	Electronic- Disc Add'l
			-			-	Nonrecurring	-	Nonrecurring Disconnect	Disconnect			OSS	OSS Rates(\$)		
						Rec	First	ď.	First	Add'i	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Remote Site DLEC Data (BRSDD), per Compact Disk, per CO		CLORS	S	PE1RR		233.42									
	Physical Collocation - Security Escort for Basic Time - normally scheduled work ner half hour		20.00	<u>ر</u>	PE1RT		33 98	27.53								
	Physical Collocation - Security Escort for Overtime - outside of normality scheduled working hours on a scheduled work day			2	1											
	per half hour		CLORS	S	PE10T		44.26	27.81								
	Physical Collocation - Security Escort for Premium Time - outside of scheduled work day, per half hour		CLORS	Si	PE1PT		54.54	34.09								
Adj	Adjacent Remote Site Collocation Remote Site-Adjacent Collocation-Application Fee		CLORS	S	PE1RU		755.62	755.62								
	Remote Site-Adjacent Collocation - Real Estate, per square foot		CLORS	δί	PE1RT	0.134										
	Remote Site-Adjacent Collocation - AC Power per breaker amp		ORS SES	ç	PF1RS	6.27						·		•		
Q	NOTE: If Security Escort and/or Add'I Engineering Fees become necessary for adjacent remote site collocation, the Parties will negotiate appropriate rates.	essary for	r adjacent r	emote site coll	ocation, the	Parties will neg	otiate appropriat	e rates.								
¥	Virtual Remote Site Collocation		-									1				
	Virtual Collocation in the Remote Site - Application Fee		VE1RS	S	VE1RB		615.60		337.70			1				
	Virtual Collocation in the Remote Site - Per Bay/Rack of Space		VE1RS	S	VE1RC	224.41										
	Virtual Collocation in the Remote Site - Space Availability Report per Premises requested		VE1RS	S	VE1RR		231.82									
	Virtual Collocation in the Remote Site - Remote Site CLLI Code				i i											
ADIACENT	AD IACENT COLI COA Requested	\downarrow	VEL RS		VETRL		(5.13	+								
	Adjacent Collocation - Space Charge per Sq. Ft.		CLOA	-	PE1JA	0.0173										
	Adjacent Collocation - Electrical Facility Charge per Linear Ft.		CLOAC		PE1JC	5:35										
	Adjacent Collocation - 2-Wire Cross-Connects		UEANL, L	IEO, UEA, U UHL, UDN	PE1JE	0.0258	24.68	23.68	12.14	10.95						
	Adjacent Collocation - 4-Wire Cross-Connects		UEA,UHL	,upl,ucl	PE1JF	0.0515	24.88	23.82	12.77	11.46						
	Adjacent Collocation - DS1 Cross-Connects		ISI		PE1JG	1.37	44.23	31.98	12.81	11.57						
	Adjacent Collocation - DS3 Cross-Connects		EE		PE1JH	18.61	41.93	30.51	14.75	11.83						
	Adjacent Collocation - 2-Fiber Cross-Connect	1	CLOAC		PE13J	3.15	41.93	30.51	14.76	11.84	1					
	Adjacent Collocation - Application Fee		CLOAC		PE1JK	0.02	3 165 50	39.87	19.41	16.49						
	Adjacent Collocation - 120V, Single Phase Standby Power Rate															
	per AC Breaker Amp		CLOAC		PE1JL	5.44										
	Adjacent Collocation - 240V, Single Phase Standby Power Rate per AC Breaker Amp		CLOAC	U	PE1JM	10.88				•						
	Adjacent Collocation - 120V, Three Phase Standby Power Rate		74012		DE 1 IN	16 30										
	Adjacent Collocation - 277V, Three Phase Standby Power Rate		5		200	10.32										
	per AC Breaker Amp		CLOAC	င	PE1JO	37.68		***								
ON	NOTE: Rates displaying an "R" in the interim column are interim and subject to rate true-up	subject	to rate true	-up as set fort	in General	as set forth in General Terms and Conditions.	ditions.									

COLLOCAT	COLLOCATION - Louisiana										Atta	Attachment: 4		Exhibit: B	
CATEGORY	RATE ELEMENTS	Interd Z	Zone BCS	nsoc	y.		RATES(\$)			Svc Order Svc Order Submitted Submitted Elec Manually per LSR per LSR		Incremental Ir Charge - Manual Svc N Order vs. Electronic -	Incremental in Charge - Manual Svc M Order vs. Electronic II	Incremental II Charge - Manual Svc II Order vs. Electronic- Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic- Disc Add'l
					Rec	Nonrec	П	Nonrecurrin	Nonrecurring Disconnect	4 1-	┨┞	OSS R	OSS Rates(\$)		
		1		+		First	Add'I	First	Add"	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
PHYSICAL COLLOCATION	LLOCATION	1		-							1				
Application	ation														
	Physical Collocation - Initial Application Fee		Gro Gro	PE1BA		1,837.24		***************************************							
	Physical Collocation - Subsequent Application Fee Physical Collocation - Co-Carrier Cross Connects/Direct		0.00	2		1,533.41									
	Connect, Application Fee, per application		сго	PE1DT		583.30			_						
	Physical Collocation - Power Reconfiguration Only, Application									-					
	Pree Physical Collocation Administrative Only - Application Fee	+	000	71.77 71.77		398.76						+			
	Physical Collocation - Application Cost. Simple Augment	T	OTO	PE1KS		596.35		1.22							
	Physical Collocation - Application Cost, Minor Augment		CLO	PE1KM		836.18		1.22							
	Physical Collocation - Application Cost, Intermediate Augment		CLO	PE1K1		1,061.00		1.22							
Space	Prysical Colocation - Application Cost - Major Augment Prenaration	\dagger	CTO	PE1KJ		2,418.00		7.22			+				
	Physical Collocation - Floor Space, per sq feet		CLO	PE1PJ	5.30	0								-	
	Physical Collocation - Space Enclosure, welded wire, first 50 square feet		070	PE1BX	166.40)									
	Physical Collocation - Space enclosure, welded wire, first 100														
	square feet Physical Collocation - Space enclosure welded wire each	\int	QTO	PE1BW	184.50										
	additional 50 square feet		CLO	PE1CW	18.10	0									
	Physical Collocation - Space Preparation - C.O. Modification per square ft.		CLO	PE1SK	2.31										
	Physical Collocation - Space Preparation, Common Systems Modifications-Canaless, ner source foot		C	PF1S!											
	Physical Collocation - Space Preparation - Common Systems Modifications-Caned ner race		0	DE12M											
	Physical Collocation - Space Preparation - Firm Order	_		121	-										
	Processing Dhysical Collocation - Space Availability Report nor Control	+	CLO	PE1SJ		583.33					1				
-			CLO	PE1SR		1,044.07									
Fower										\dagger					
	Requested Physical Collocation - Power 1200/ AC Power Single Phase		G C	PE1PL	8.32	2						+			
	Priyaca Concaudi - rower, Lov AC rower, Single rhase, per Breaker Amp		aro	PE1FB	5.45										
	Physical Collocation - Power, 240V AC Power, Single Phase, per Breaker Amp		CLO	PE1FD	10.92			_							
	Physical Collocation - Power, 120V AC Power, Three Phase, per Breaker Amp		OLO CLO	PE1FE	16.37										
	Physical Collocation - Power, 277V AC Power, Three Phase, per Breader Amo		C	02120											
Cross (Cross Connects (Cross Connects, Co-Carrier Cross Connects, and Ports)	orts)	CF)												
	Physical Collocation - 2-wire cross-connect, loop, provisioning		UEANI, UEQ, UNCNX, UEA, UCL, UAL, UHL, UDN, UNCVX	CL, PE1P2	0.0318	11.94	11.46								
	Physical Collocation - 4-wire cross-connect, loop, provisioning		UEA, UHL, UNCVX, UNCDX, UCL, UDL	/X, JL PE1P4	0.0636	12.04	11.53								
			WDS1L, WDS1S, UXTD1, ULDD1, USLEL, UNLD1, U1TD1, UNC1X, UEPSR, UEPSB,	-											
	Physical Collocation -DS1 Cross-Connect for Physical Collocation, envisioning		UEPSE, UEPSP, USL, UEPEX, UEPDX	PE1P1	40.1	21.39	15.47						•••		

COLLO	COLLOCATION - Louisiana										đ	Attachment: 4		Exhibit: B	
										Svc Order Svc Order		Incremental Incremental		<u>=</u>	Incremental
CATEGODY	DATE EL EMENTS	Interi ,	2000	Joseph			RATES(\$)					- 4	· ·	Ü	Charge - Manual Svc
		E		3						per LSK	Der Lox	Order vs. Electronic- 1st	Electronic-	Disc 1st	Electronic- Disc Add'l
-					000	Nonrect	Nonrecurring	Nonrecurring Disconnect	Disconnect	-I I		SSO	OSS Rates(\$)		
) V	First	1	First	Add'I	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Physical Collocation - DS3 Cross-Connect provisioning		UES, U1TD3, UKTD3, UKTD3, UKTD3, UKTS1, UNCSX, ULDD3, UTTS1, ULDS1, UNLD3, UEPEK, UEPDX, UEPS8, UEPS	д 93	23.23	20.28	14.76								
	Physical Collocation - 2-Fiber Cross-Connect		CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F2	2.62	20.28	14.76								
	Physical Collocation - 4-Fiber Cross-Connect		ULDO3, ULD12, ULD48, U1T03, U1T12, U1T48, UDLO3, UDL12, UDF, UDFCX	PE1F4	4.65	24.81	19.29								
	Physical Collocation - Co-Carrier Cross Connects/Direct Connect - Fiber Cable Support Structure, per linear foot, per cable.		CLO	PE1ES	0.001										
	Physical Collocation - Co-Carrier Cross Connect/Direct Connect-Copper/Coax Cable Support Structura, per linear foot, per cable.		CLO	PE10S	0.0015										
	Physical Collocation 2-Wire Cross Connect. Port		UEPSR, UEPSP, UEPSE, UEPSB, UEPSX, UEP2C	PE182	0.0318	19.	11.46								
	Physical Collocation 4-Wire Cross Connect, Port		UEPEX, UEPDD	PE1R4	0.0636	12.04	11.53								
ഗ്	Security Physical Collocation - Security Escort for Basic Time - normally scheduled work, per half hour		010	PE18T		16.44	10.42								-
	Physical Collocation - Security Escort for Overtime - outside of normally scheduled working hours on a scheduled work day, per half hour		CLO	PE10T		21.41	13.45								
	Physical Collocation - Security Escort for Premium Time - outside of scheduled work day, per half hour		СГО	PE1PT		26.38	16.49								
	Physical Collocation - Security Access System - Security System per Central Office, per Sq. Ft.		cro	PE1AY	0.0224										
	Physical Collocation -Security Access System - New Card Activation, per Card Activation (First), per State		CLO	PE1A1	0.0579	27.50				_					
	Physical Collocation-Security Access System-Administrative Change, existing Access Card, per Request, per State, per Card		OIO	PE1AA		7.74									
	Physical Collocation - Security Access System - Replace Lost or Stolen Card, per Card		CLO	PE1AR	-	22.64									
1	Physical Collocation - Security Access - Initial Key, per Key Physical Collocation - Security Access - Key, Replace Lost or Stolen Key, per Key		CLO	PE1AK		13.01									
5 (CFA Physical Collocation - CFA Information Resend Request, per premises, per arrangement, per request		CIO	PE109		77.43									
ت	Cable Records Recurring Collocation Cable Records - per request		CLO	PE1CU	10.97										
	Recurring Collocation Cable Records - VG/DS0 Cable, per cable record		CLO	PE1CE	5.29										
	Recurring Collocation Cable Records - VG/DS0 Cable, per each 100 pair	•	CLO	PE1CT	0.08										
	Recurring Collocation Cable Records - DS1, per 11TE Recurring Collocation Cable Records - DS3, per 13TIE	\top	aro aro	PE-152	0.04										

COLL	COLLOCATION - Louisiana												٩	Attachment: 4		Exhibit: B	
												Svc Order		ncremental	ncremental	Ē	Incremental
]									Submitted Submitted Elec Manually		Charge - Manual Svc	Charge -	Charge - Manual Svc	Charge - Manual Svc
CATEGORY	SORY RATE ELEMENTS		E	Zone	BCS	nsoc			RATES(\$)			per LSR					Order vs. Electronic-
														1st	Add'i	Disc 1st	Disc Add'I
							Rec	Nonrecurring	urring	Nonrecurrin	Nonrecurring Disconnect	- h		SSO	OSS Rates(\$)		
	Recurring Collocation Cable Records - Fiber Cable, per 99 fiber	Fiber Cable, per 99 fiber	1					rirst	Addi	First	Addi	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Victorial to Bh. refeed		1	Cr0		PE1CG	1.37										
	Physical Collocation - Virtual to Physical Collocation Relocation,	al Collocation Relocation,															
	per Voice Grade Circuit			CLO		PE18V		33.00									
	Physical Collocation - Virtual to Physical Collocation Relocation, per DSO Circuit	al Collocation Relocation,		ССО	<u></u> -	PE1BO		33.00									
	Physical Collocation - Virtual to Physical Collocation Relocation, ner DS1 Circuit	ai Collocation Relocation,		C		PF181		52.00									
	Physical Collocation - Virtual to Physical Collocation Relocation, per DS3 Circuit	al Collocation Relocation,		C		PF1R3		52.00									
	Physical Collocation - Virtual to Physical Collocation In-Place, Per Voice Grade Circuit	al Collocation In-Place,		CLO		PE1BR		23.00									
	Physical Collocation Virtual to Physical DSO Circuit	Collocation In-Place, Per		GLO GLO		PE1BP		23.00									
	Physical Collocation - Virtual to Physical Collocation In-Place, Per DS1 Circuit	al Collocation In-Place,		CLO		PE1BS		33.00									
	Physical Collocation - Virtual to Physic per DS3 Circuit	al Collocation In-Place,		G.C		PE1BE		37.00									
	Entrance Cable																
	Physical Collocation - Cable Installation, Pricing, non-recurring charge, per Entrance Cable	n, Pricing, non-recurring		CLO		PE18D		841.54									
	Physical Collocation - Cable Support Structure, per Entrance Cable	structure, per Entrance		2		PE1PM	18.31										
	Physical Collocation - Fiber Entrance Cable Installation, per	Sable Installation, per		3 6													
VIRTUA	VIRTUAL COLLOCATION			3		ZEJED		3.88									
	Application]
	Virtual Collocation - Application Fee	100		AMTES		EAF		1,770.40									
	Application Fee, per application	onnects/Direct Connect,		AMTES		Æ1CA		583.30									
	Virtual Collocation Administrative Only - Application Fee	- Application Fee		AMTES		VE1AF		741.97									
	Space Preparation Space Preparation - Floor Space, per sq. ft.	ą. ft.	-	AMTES		ESPVX	3.20										
	Power												•				
	Cross Connects (Cross Connects, Co-Carrier Cross Connects, and Ports)	amp	Į,	AMILS		ESPAX	8.32										
	Mittal Collocation - 2 unite proces connect from mendationism	soincial and cook		UEANL, UAL, UF UEQ, UI	UEANL, UEA, UDN, UAL, UHL, UCL, UEQ, UNCVX,	5	9000	20	34 1.1	Tallickon the children and an annual state of the children and an							
		ear, loop, provisioning	+	UEA, UF	F, UCL,	7000	0.0530	5.	2								
	Virtual Collocation - 4-wire cross-connect, loop, provisioning	ect, loop, provisioning		UDI, UN		UEAC4	0.0591	12.04	11.53								
	Virtual collocation - Special Access & UNE, cross-connect per DS1	JNE, cross-connect per		UCK, UX UNTD1, UNLD1, UEPEX, UEPEX,	ULR, UXTD1, UNC1X, ULDD1, U1TD1, USLE, UNLD1, USL UEPEX, UEPDX UEPEX, UEPDX	CNC1X	1.04	21.39	15.47								
	Virtual collocation - Special Access & UNE, cross-connect per	INE, cross-connect per		USL, UE3, U1TD UXTS1, UXTD3, UNC3X, UNCSX, ULDD3, U1TS1, ULDS1, UDLSX,	3, U1TD3, UXTD3, UNCSX, U1TS1, UDLSX,												
	DS3		\dashv	UNLD3		CND3X	13.21	20.28	14.76								

COLLOCAT	COLLOCATION - Louisiana											Attachment: 4		Exhibit: B	
										Svc Order Submitted	Svc Order Svc Order Submitted Submitted	Incremental incremental	ncremental Charge -	Incremental Charge -	Incremental Charge -
CATEGORY	RATEELEMENTS	E	Zone BCS	nsoc			RATES(\$)			Elec ner LSR		Ü	Ç,	٠, ۷	Manual Svc Order vs.
		E								į	į	۸.	Electronic- Add'i		Electronic- Disc Add'l
		1				Nonrecurring		Nonrecurring Disconnect	Disconnect			1880	Rates(\$)		
					Rec	First	- I-P	First	Add'I	SOMEC	SOMAN	SOMAN SOMAN	SOMAN	SOMAN	SOMAN
	Virtual Collocation - 2-Fiber Cross Connects		UDL12, UDL03, UTT48, UTT12, UTT03, ULD03, ULD12, ULD48, UDF CNC2F	F CNC2F	2.65	20.29	14.76								
	Virtual Collocation - 4-Fiber Cross Connects		UDL12, UDLO3, U1T48, U1T12, U1T03, ULDO3, ULD12, ULD48, UDF CNC4F	c CNC4F	5.31	24.81	19.29								
	Virtual Collocation - Co-Carrier Gross Connects/Direct Connect - Fiber Cable Support Structure, per linear foot, per cable		AMTES	VE1CB	0.001							:			
	Virtual Collocation - Co-Carrier Cross Connects/Direct Connect - Copper/Coax Cable Support Structure, per linear foot, per cable		AMTES	VE1CD	0.0015										
	Virtual Collocation 2-Wire Cross Connect, Port		UEPSX, UEPSB, UEPSE, UEPSP. UEPSR, UEP2C	VE1R2	0.0296	11.94	11.46								
CFA	Virtual Collocation 4-Wife Cross Connect, Port	1	OEPUO, DEPEA	VE 174	1600.0	12.04	8:1								
Cable	Virtual Collocation - CFA Information Resend Request, per Premises, per Arangement, per request Cable Records		AMTFS	VE1QR		77.43									
Securi	(t)														
	Virtual collocation - Security escort, basic time, normally scheduled work hours		AMTES	SPTBX		16.44	10.42								
	Virtual collocation - Security escort, overtime, outside of normally scheduled work hours on a normal working day		AMTFS	SPTOX		21.41	13.45								
	Virtual collocation - Security escort, premium time, outside of a scheduled work day		AMTFS	SPTPX		26.38	16.49								
Mainte	Maintenance Virtual collocation - Maintenance in CO - Basic, per half hour		AMTES	CTRLX		27.12	10.42								
	Virtual collocation - Maintenance in CO - Overtime, per half hour		AMTES	SPTOM		35.42	13,45								
	Virtual collocation - Maintenance in CO - Premium per half hour		AMTES	SPTPM		43.72	16.49								
Entran	Entrance Cable Virtual Collocation - Cable Installation Charge, per cable		AMTES	ESPCX		841.54									
COLLOCATION	Virtual Collocation - Cable Support Structure, per cable IN IN THE REMOTE SITE		AMTES	ESPSX	16.02										
Physic	Physical Remote Site Collocation Dhysical Collocation in the Remote Site - Analication East		SHORE	DE1RA		29.80									
	Cabinet Space in the Remote Site per Bay/ Rack		CLORS	PE1RB	225.39										
	Physical Collocation in the Remote Site - Security Access - Key		CLORS	PE1RD		13.01									
	Physical Collocation in the Remote Site - Space Availability Report per Premises Requested		CLORS	PE1SR		112.52									
	Physical Collocation in the Remote Site CLLI Code Request, per CLLI Code Requested		CLORS	PE1RE		36.47									-
	Remote Site DLEC Data (BRSDD), per Compact Disk, per CO		CLORS	PE1RR		233.21									
	Physical Collocation - Security Escort for Basic Time - normally scheduled work, per half hour		CLORS	PE1BT		16.44	10.42								
	Physical Collocation - Security Escort for Overtime - outside of normally scheduled working hours on a scheduled work day,		200	i C		7	C T								
	Provision Time - Security Escort for Premium Time - Purside Collocation work day nor half hour		CI ORS	PF1PT		26.38	16.49								
Adjace	Adjacent Remote Site Collocation	Н													
3															

COLLOCA	COLLOCATION - Louisiana											Attachment: 4		Exhibit: B	
										Svc Order Svc Order	Svc Order	Incremental	Incremental	Incremental	Incremental
		-								Submitted Submitted		Charge - Manual Svc	Charge - Charge - Manual Svc	Charge - Manual Svc	Charge - Manual Svc
CATEGORY	RATE ELEMENTS	mten Z	Zone BCS	OSOC			RATES(\$)			~	_	Order vs.		Order vs.	Order vs.
		 E										Electronic-	Electronic-	Electronic-	Electronic-
												1st	Add'i	Disc 1st	Disc Add'1
_		-				Nonrecurring	тing	Nonrecurrin	Nonrecurring Disconnect			SSO	OSS Rates(\$)		
					7.00 1	First	Add"	First	Add'i	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Remote Site-Adjacent Collocation-Application Fee		CLORS	PE1RU		755.62	755.62								
	Remote Site-Adjacent Collocation - Real Estate, per square foot		CLORS	PE1RT	0.134										
	Remote Site-Adjacent Collocation - AC Power, per breaker amo		CLORS	PE1RS	6.27										
TON	E: If Security Escort and/or Add'I Engineering Fees become nece	ssary for	adjacent remote site	collocation, the	Parties will neg	otlate appropri	ate rates.								
Virtu	Virtual Remote Site Collocation														
	Virtual Collocation in the Remote Site - Application Fee		VE1RS	VE1RB		614.73		336.08							
	Virtual Collocation in the Remote Site - Per Bay/Rack of Space		VE1RS	VE1RC	257.01										
	Virtual Collocation in the Remote Site - Space Availability Report per Premises requested		VE1RS	VE1RR		231.49									
	Virtual Collocation in the Remote Site - Remote Site CLLI Code Request, per CLLI Code Requested		VE1RS	VE1RL		75.02									
ADJACENT (ADJACENT COLLOCATION	-													
	Adjacent Collocation - Space Charge per Sq. Ft.	-	CLOAC	PE1JA	0.0552										
	Adjacent Collocation - Electrical Facility Charge per Linear Ft.		CLOAC	PE1JC	5.61										
	Adjacent Collocation - 2-Wire Cross-Connects		UEANL,UEQ,UEA,U CL, UAL, UHL, UDN PE1JE	U, V PE1JE	0.0245	11.94	11.46								
	Adjacent Collocation - 4-Wire Cross-Connects		UEA,UHL,UDL,UCL	1. PE1JF	0.0491	12.04	11.53								
	Adjacent Collocation - DS1 Cross-Connects		NSL	PE1JG	0.9605	21.39	15.47								
	Adjacent Collocation - DS3 Cross-Connects		UE3	PE1JH	13.01	20.28	14.76								
	Adjacent Collocation - 2-Fiber Cross-Connect		CLOAC	PE1JJ	2.20	20.28	14.76								
	Adjacent Collocation - 4-Fiber Cross-Connect		CLOAC	PE1JK	4.21	24.81	19.29								
	Adjacent Collocation - Application Fee		CLOAC	PE1JB		1,543.20									
	Adjacent Collocation - 120V, Single Phase Standby Power Rate has AC Breaker Amn		CLOAC	PE1	5.45										
	Adjacent Collocation - 240V, Single Phase Standby Power Rate	-													
	per AC Breaker Amp		CLOAC	PE1JM	10.92										
· · ·	Adjacent Collocation - 120V, Three Phase Standby Power Rate per AC Breaker Amp		CLOAC	PETCN	16.37										
	Adjacent Collocation - 277V, Three Phase Standby Power Rate		0	į	27.00										
	per AC Breaker Amp		CLOAC	200	37.80	7.00									
Ž	E: Rates displaying an 'K' in the interim column are interim and	Subject	to rate true-up as set i	orth in Genera	lerms and com	ditions.								_	

CCCS 569 of 866

COLLOCAT	COLLOCATION - Mississippi												Attachment: 4			1
											Svc Order Svc Order Submitted		Incremental Incremental		Incremental I	Incremental Charge -
		į									Elec		U	Ų	Ų	Manual Svc
CATEGORY	RATE ELEMENTS	E	20пе	BCS	nsoc			RATES(\$)			œ					Order vs. Electronic-
																Disc Add'I
						Rec	Nonrecurring	H	Nonrecurring Disconnect	Disconnect	1	l L	OSS Rates(\$)	(\$)	1111100	14,1100
			1				First	†	First	Add.l	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	OCMAN
PHYSICAL CO	PHYSICAL COLLOCATION															
Appli	Application															
	Physical Collocation - Initial Application Fee			000	PE1BA	The state of the s	1,890.38					+				
	Physical Collocation - Co-Carrier Connects/Direct			273	2		BO.C 10,1									
	Connect, Application Fee, per application		J	CLO	PE1DT		583.13									
	Physical Collocation - Power Reconfiguration Only, Application			7	05100		308 78									
	Physical Collocation Administrative Only - Application Fee		Ĭ	CLO	PE1BL	+	740.76									
	Physical Collocation - Application Cost, Simple Augment		Ĭ	SLO	PE1KS		597.34		1.22							
	Physical Collocation - Application Cost, Minor Augment			CLO	PE1KM		837.57		1.22							
	Physical Collocation - Application Cost, Intermediate Augment			CLO	PE1K1		1,063.00	†	1.22			+				
Space	Physical Collocation - Application Cost - Major Augment			OLO	PE1K		2,422.00		77.1							
2	Physical Collocation - Floor Space, per sq feet		Ĭ	CLO	PE1PJ	5.74										
	Physical Collocation - Space Enclosure, welded wire, first 50 sociare feet			0.00	PF1BX	165.23										
	Physical Collocation - Space enclosure, welded wire, first 100															
	square feet			CLO	PE1BW	183.20										
	Physical Collocation - Space enclosure, welded wire, each additional 50 square feet			010	PE1CW	17.97		••							-	
	Physical Collocation - Space Preparation - C.O. Modification per															
	square ft.			CLO	PE1SK	2.30										
	Physical Collocation - Space Preparation, Common Systems Modifications-Cadeless, per square foot			d, o	PE1SL	2.52										
	Physical Collocation - Space Preparation - Common Systems		<u> </u>													
	Modifications-Caged, per cage			CLO	PE1SM	85.67									+	
	Priysical Colocation - Space Preparation - Pitti Order Processing			CLO	PE1SJ		604.19									
	Physical Collocation - Space Availability Report, per Central			0	05100		1 081 40									
Power	-				15131		01.100,1									
	_			CLO	PE1PL	7.33										
	Physical Collocation - Power, 120V AC Power, Single Phase, ner Breaker Amn			010	PE1FB	5.29										
	Physical Collocation - Power, 240V AC Power, Single Phase, ner Breaker Amn			010	PE1ED	10.58										
	Physical Collocation - Power, 120V AC Power, Three Phase, per		Ľ	0 7		15 07										
	Physical Collocation - Power, 277V AC Power, Three Phase, per		ľ	010	1 1	10:01	-					-				
3	Breaker Amp) otro	Ī	QTO	PE1FG	36.65										
5	Physical Collocation - 2-wire cross-connect, loop, provisioning			UEANL, UEQ, UNCNX, UEA, UCL, UAL, UHL, UDN, UNCVX	PE1P2	0.0288	12.37	11.87	6.04	5.45						
	Physical Collocation - 4-wire cross-connect, loop, provisioning			UEA, UHL, UNCVX, UNCDX, UCL, UDL	PE1P4	0.0576	12.47	11.94	6.59	5.91						
	Physical Collocation -DS1 Cross-Connect for Physical Collocation, provisioning			WDS1L, WDS1S, UXTD1, ULDD1, US1EL, UNLD1, UTD1, UNC1X, UEPSR, UEPSB, UEPSR, UEPSP, USL, UEPSP, USL, UEPSP,	PE1P1	4	22.16	16.02	99.9	76.3						
	B															

Part of the little control of the little c	COLLOCAT	COLLOCATION - Mississippi										4	Attachment: 4		Exhibit: B	
Part											Svc Order Submitted S		ncremental Charge -	Incremental Charge -	=	Incremental Charge -
Control Cont	CATEGORY	RATE ELEMENTS		BCS	nsoc			RATES(\$)			Elec Per LSR					Manual Svc Order vs.
Conceion: 1280 Come Ornest provided: Conceion: 1280 Conceion: 128			 									_			Electronic- Disc 1st	Electronic- Disc Add't
Colorente Colo							Nonrec	urring	Nonrecurring	Disconnect		4	SSO	Rates(\$)		
Colocation - 2-Ray Cores Correct protections Colocation - 2-Ray Col						Nec	First	Add'I	First	Add'i	SOMEC	\vdash	SOMAN	SOMAN	SOMAN	SOMAN
Collocation - 2-Fiber Const-Connect Connect Collocation - 2-Fiber Const-Connect Collocation - 2-Fiber Connect Collocation - 2-Fiber Connect		Physical Collocation - DS3 Cross-Connect, provisioning	UE3, U- UXTD3, ULDD3, ULDS1, UEPEX, UEPSR, UEPSR		E1P3	14.49	21.01	15.29	7.61	6.10						
ULOSA LUTTO, ULUTO, ULUTO		Physical Collocation - 2-Fiber Cross-Connect	CLO, UI ULD12, U1TO3, U1T48, UDL12,	T.	E1F2	2.87	21.01	15.29	7,61	6.10						
Colocation - Security Ecost formed: Per Ecost Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Security Access System - New Card Charles (2002 of 2001) PE IDS Colocation - Securit		Physical Collocation - 4-Fiber Cross-Connect	ULDO3, ULD48, U1T12, UDLO3, UDF, UE		E1F4	5.10	25.70	19.97	10.01	8.50						
Collocation - Security Cross Connect Performed - CLO		Physical Collocation - Co-Carrier Cross Connects/Direct Connect - Fiber Cable Support Structure, per linear foot, per cable.	CLO		Ē1ĒS	0.001										
Colocation 2-Wire Cross Cornect, Port UEPSR UEPSP EFR2 0.0288 17.37 11.87 6.04 6.45 10.04		Physical Collocation - Co-Carrier Cross Connect/Direct Connect Copper/Coax Cable Support Structure, per linear foot, per cable.	9		E108	0.0015										
Collocation - Security Econt for Best Time - normally		Physical Collocation 2-Wire Cross Connect, Port	UEPSR, UEPSE, UEPSX,		E1R2	0.0288	12.37	11.87	6.04	5.45		15.75				
Collocation - Security Escort for Basic Time - normally	Secret	Physical Collocation 4-Wire Cross Connect, Port	UEPEX		E1R4	0.0576	12.47	11.94	6.59	5.91		15.75				
Collocation - Security Access System - Manual Collocation - Security Access - Manual Collocatio			GLO		E1BT		17.02	10.79								
Collocation - Security Access System - New Card Collocation - Security Access - New Card -		Physical Colocation - Security Escort for Overtime - outside of normally scheduled working hours on a scheduled work day, per half hour.	 go	<u> </u>	E10T		22.17	13.94							-	
Collocation - Security Access System, Security System, Card Cardiocation - Security Access System, Security System, Security Access System - New Card Cardiocation - Security Access System - Replace Lost or Card Cardiocation - Security Access System - Replace Lost or Card Cardiocation - Security Access System - Replace Lost or Card Cardiocation - Security Access System - Replace Lost or Card Cardiocation - Security Access - Key, Replace Lost or Card Cardiocation - Security Access - Key, Replace Lost or Card Cardiocation - Security Access - Key, Replace Lost or Cardiocation - Security Access - Key, Replace Lost or Cardiocation - Security Access - Key, Replace Lost or Cardiocation - Security Access - Key, Replace Lost or Cardiocation - Security Access - Key, Replace Lost or Cardiocation - Security Access - Key, Replace Lost or Cardiocation - Security Access - Key, Replace Lost or Cardiocation - Security Access - Key, Replace Lost or Cardiocation - Security Access - Key, Replace Lost or Cardiocation - Cardio Records, VG/DSO Cable, per cardiocation, Cable Records, VG/DSO Cable, per cardiocation, Cable Records, DSI, per 11 TIE Cardi		Physical Collocation - Security Escort for Premium Time - outside of scheduled work day, per half hour	OTO	Δ.	E1PT		27.32	17.08								
Collocation - Security Access System - New Card		Physical Collocation - Security Access System, Security System, per Central Office	GC GC		E1AX	75.23										
Collocation, Security Access System-Administrative		Physical Collocation -Security Access System - New Card Activation, per Card Activation (First), per State	GL0		E1A1	0.0576	27.95									
Collocation - Security Access System - Replace Lost or CLO PE1AR 22.91		Physical Collocation-Security Access System-Administrative Change, existing Access Card, per Request, per State, per Card	 CLO		E1AA		7.84									
Collocation, Security Access - Initial Key, per Key		Physical Collocation - Security Access System - Replace Lost or Stolen Card, per Card	OTO	_ &	E1AR		22.91									
Collocation - Security Access - Ney, Replace Loss of CLO PE1AL 13.17		Physical Collocation - Security Access - Initial Key, per Key	СГО	α.	E14K		13.17									
Collocation - CFA Information Resend Request, per CLO PE1C9 77.41	CFA	Priysical Collocation - Security Access - Key, Replace Lost or Stolen Key, per Key	Q.O		E1AL		13.17									
Collocation - Cable Records, per request CLO PETCR I 763.69 S 490.94 II I Collocation Cable Records, VG/DSO Cable, per each Collocation, Cable Records, VG/DSO Cable, per each Collocation, Cable Records, VG/DSO Cable, per each Collocation, Cable Records, DSI, per TI TIE CLO PETCD 4.64 Collocation, Cable Records, DSI, per TI TIE CLO PETCD 4.64 Collocation, Cable Records, DSI, per TI TIE CLO PETCT 2.27 Collocation, Cable Records, DSI, per TI TIE CLO PETCT 7.92		Physical Collocation - CFA Information Resend Request, per premises, per arrangement, per request	OF O	4	E1C9		77.41					1				
CLO PE1CD 328.81 11 12 12 13 13 14 14 14 15 15 15 15 15	Cable	Physical Collocation - Cable Records, per request	o c	1	F1CR	-	T		133.77							
er each QLO PE100 4.84 QLO PE101 2.27 QLO PE103 7.32		Physical Collocation, Cable Records, VG/DS0 Cable, per cable record (maximum 3600 records)	СГО	O.	E100		328.81		190.22							
CLO PEIC: 2.27 (CLO PEIC: 7.92		Physical Collocation, Cable Records, VG/DS0 Cable, per each 100 pair	ao	<u> </u>	E100		4.84		5.93							
	-	Physical Collocation, Cable Records, DS1, per T1 TIE Physical Collocation, Cable Records, DS3, per T3 TIE	010	۵۵	F1C1		2.27		2.78 9.72							

COL	LOCATIC	COLLOCATION - Mississippi											1	Attachment: 4		Exhibit: B	
													Svc Order	Incremental Incremental		Incremental	Incremental
	-11		ro Fro									Submitted		Manual Svc Manual Svc	Charge - Manual Svc	Charge - Manual Svc	Charge - Manual Svo
CATE	CATEGORY	RATE ELEMENTS		Zone	BCS	nsoc			RATES(\$)			per LSR		Order vs. Electronic-	Order vs. Electronic-		
														_	Add'I	Disc 1st	Disc Add'i
							Bac	Nonrecurring	urring	Nonrecurrin	Nonrecurring Disconnect			SSO	OSS Rates(\$)		
	ļ	Diversity Collocation - Cable Decomb Ether Caple nor cable	1	+				First	Add'I	First	Add'I	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	<u> </u>	rejorda Canadana - Cable Necordo, Fiber Cable, per cable record (maximum 99 records)		U	CLO	PE1CB		84.98		77.58							
	Virtual to	Virtual to Physical															
	<u> Li</u>	Physical Collocation - Virtual to Physical Collocation Relocation, per Voice Grade Circuit		O	טרס	PE1BV		33.00									
		Physical Collocation - Virtual to Physical Collocation Relocation, per DSO Circuit		-	C	PE180		33.00									
	-	Physical Collocation - Virtual to Physical Collocation Relocation,		-													
\perp	-	Physical Collocation - Virtual to Physical Collocation Relocation.	1	7	CFO	7 18		00.26									
		per DS3 Circuit	1	9	ĊГО	PE183		52.00									
	<u> u</u>	Physical Collocation - Virtual to Physical Collocation in-Place, Per Voice Grade Circuit		O	CLO	PE1BR		23.00									
	ں یہ	Physical Collocation Virtual to Physical Collocation In-Place, Per DSO Circuit		0	CLO	PE1BP		23.00									
		Physical Collocation - Virtual to Physical Collocation In-Place, Per DS1 Circuit		"	CLO	PE1BS		33.00									
	ч. с	Physical Collocation - Virtual to Physical Collocation In-Place, per DS3 Circuit		ပ	CLO	PE1BE		37.00									
	Entrance Cable	se Cable		+													
	_ 0	Physical Collocation - Cable Installation, Pricing, non-recurring charge, per Entrance Cable		0	CLO	PE18D		926.27		22.62				-			
	L 0	Physical Collocation - Cable Support Structure, per Entrance Cable		٥	OTO	PE1PM	17.42										
		Physical Collocation - Fiber Entrance Cable Installation, per		-		1		6					ļ				
VIRTU	VIRTUAL COLLOCATION	CCATION	\dagger	+	CLO	PETED		3.89					+				
	Applicat	tion		Н													
	1	Virtual Collocation - Application Fee		۲	AMTES	EAF		1,212.25		0.51							
	<i>></i> ∢	Virtual Collocation - Co-Carrier Cross Connects/Direct Connect, Application Fee, per application		_₹	AMTFS	VE1CA		583.13							_		
	1	Virtual Collocation Administrative Only - Application Fee	H	¥	AMTES	VE1AF		740.76									
	2	Virtual Collocation - Floor Space, per sq. ft.		₹	AMTES	ESPVX	5.74										
	Power	Virtual Collocation - Power per fitsed amp	-	1	AMTES	FSDAY	7 33										
	Cross Co	Cross Connects (Cross Connects, Co-Carrier Cross Connects, and Ports)	irts)				6:										
	>	Virtual Collocation - 2-wire cross-connect, loop, provisioning		<u> </u>	UEANL, UEA, UDN, UAL, UHL, UCL, UEQ, UNCVX, UNCDX, UNCNX	UEAC2	0.0268	12.37	11.87	6.04	5.45						
	<u>></u>	Virtual Collocation - 4-wire cross-connect, loop, provisioning		200	UEA, UHL, UCL, UDL, UNCVX, UNCDX	UEAC4	0.0536	12.47	11.94	6.59	5.91						
	> 0	Virtual Collocation - Special Access & UNE, cross-connect per DS1		<u> </u>	ULR, UXTD1, UNC1X, ULDD1, U1TD1, USLEL, UNLD1, USL, UEPEX, UEPDX	CNC1X	1.14	22.16	16.02	6.60	5.97						
	> 0	Virtual collocation - Special Access & UNE, cross-connect per DS3	-	<u> </u>	USL, UE3, U1TD3, UXTS1, UXTD3, UNC3X, UNCSX, ULDD3, U1TS1, ULDS1, UDLSX, UNLD3	CND3X	14,49	21.01	15.29	7.61	6.10						_

æ	3
ä	
a	
FRAGE	
of AGG	
of AGG	5
2 of AGG	

COLLOCATION - Mississippi											Attachment: 4		Exhibit: B	
CATEGORY RATE ELEMENTS	Interf Zo	Zone BCS	nsoc			RATES(\$)			Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Incremental Charge - Charge - Manual Svc Manual Svc Order vs. Order vs. Electronic Electronic	Incremental Charge - Manual Svc Order vs. Electronic- Add'I		Incremental Charge - Manual Svc Order vs. Electronic- Disc Add'l
				Rec	Nonrec	Nonrecurring rst Add'I	Nonrecurrin First	Nonrecurring Disconnect First Add'l	SOMEC	SOMAN	OSS Rates(\$)	Rates(\$) SOMAN	SOMAN	SOMAN
Virtual Collocation - 2-Fiber Cross Connects		UDL12, UDL03, U1748, U1712, U1703, ULD03, ULD12, ULD48, UDF CNC2F	CNC2F	2.91	21.01	15.29	7.61	6.10	 					
Virtual Collocation - 4-Fiber Cross Connects		UDL12, UDLO3, U1T48, U1T12, U1TO3, ULDO3, ULD12, ULD48, UDF	CNC4F	5.82	25.70	19.97	10.01	8.50						
Virtual Collocation - Co-Carrier Cross Connects/Direct Connect - Fiber Cable Support Structure, per linear foot, per cable		AMTFS	VE1CB	0.001										
Virtual Collocation - Co-Carrier Cross Connects/Direct Connect - Copper/Coax Cable Support Structure, per linear foot, per cable		AMTFS	VE1CD	0.0015										
Virtual Collocation 2-Wire Cross Connect, Port Virtual Collocation 4-Wire Cross Connect, Bort		UEPSK, UEPSB, UEPSE, UEPSP, UEPSR, UEP2C	VE1R2	0.0268	12.37	11.87	6.04	5.45						
CFA VIII CONCOUNT TYPE CLOSS CONTECT, POIL		טברטט, טברבא	VE K4	ascn.n	12.47	\$5.	6.09	LA.C						
Virtual Collocation - CFA Information Resend Request, per Premises, per Arrangement, per request		AMTFS	VE1QR		77.41									
Virtual Collocation Cable Records - per request		AMTES	VE1BA		763.69	490.94	133.77							
Virtual Collocation Cable Records - VG/DS0 Cable, per cable record		AMTFS	VE1BB		328.81		190.22							
Virtual Collocation Cable Records - VG/DS0 Cable, per each 100 pair		AMTES	VE1BC		48.4		5.93							
Withial Collocation Cable Records - DS1, per T1TIE	\prod	AMTES	VE1BD		2.27		2.78							
Virgal Collocation Cable Records - Fiber Cable, per 99 fiber Perinds		AMTEC	VE18E		80 88		3.72							
Security			į		OR: to									
Virtual collocation - Security escort, basic time, normally scheduled work hours		AMTFS	SPTBX		17.02	10.79								
Virtual collocation - Security escort, overtime, outside of normally scheduled work hours on a normal working day	_	AMTES	SPTOX		22.17	13.94								
Virtual collocation - Security escort, premium time, outside of a scheduled work day		AMTFS	SPTPX		27.32	17.08								
Virtual collocation - Maintenance in CO - Basic, per half hour		AMTES	CTRLX		28.09	10.79								
Virtual collocation - Maintenance in CO - Overtime, per half hour		AMTFS	SPTOM		36.69	13.94								
Virtual collocation - Maintenance in CO - Premium per half hour	_	AMTES	SPTPM		45.28	17.08								
Virtual Collocation - Cable Installation Charge, per cable	+	AMTES	ESPCX		926.27		22.62							
Virtual Collocation - Cable Support Structure, per cable COLLOCATION IN THE REMOTE SITE		AMTES	ESPSX	15.24										
Physical Remote Site Collocation														
Physical Collocation in the Remote Site - Application Fee Cabinet Space in the Remote Site per Bay/ Rack		CLORS	PE1RA PE1RB	210.05	309.48		168.63							
Physical Collocation in the Remote Site - Security Access - Key		CLORS	PE1RD		13.17									
Physical Collocation in the Remote Site - Space Availability Report per Premises Requested		CLORS	PE1SR		116.54									
Physical Collocation in the Remote Site - Remote Site CLLi Code Request, per CLLI Code Requested		CLORS	PE1RE		37.77									
Version: 4004 Standard ICA 12/09/04					0								Page 30 of 48	84

COLLOCAT	COLLOCATION - Mississippi											Attachment 4		Evhihit- B	
										0000	2	Transfer for		EXIIION. D	
_										and one	ove Order	incrementar	ove order ove order incremental incremental incremental	Incremental	Incremental
										Submitted Submitted	Submitted	Charge -	Charge -	Charge -	Charge -
CATEGORY	RATE ELEMENTS	Interi	BCS	nsoc			RATES(\$)			r	manianiy	Maildai 3VC	and and	Manual SVC	mairuai svc
		E	_	-			(4)		_	ber Lor	ber Lor	Order vs.	Order vs.	Order vs.	Order vs.
		••••									•	Electronic-	Electronic-	Electronic-	Electronic-
												18	Add'i	Disc 1st	Disc Add'l
_		-			à	Nonrecurring		Nonrecurring Disconnect	Disconnect			SSO	OSS Rates(\$)		
		_			ě	First	Add"	First	Add'I	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Remote Site DLEC Data (BRSDD), per Compact Disk, per CO		CLORS	PE1RR		233.14									
	Physical Collocation - Security Escort for Basic Time - normally														
	scheduled work, per half hour		CLORS	PE1BT		17.02	10.79								
	Physical Collocation - Security Escort for Overtime - outside of			····											
	per half hour		CLORS	PE10T		22.17	13.94								
	Physical Collocation - Security Escort for Premium Time -		000	DE401		27.33	17 00								
Adiaca	Adjacent Remote Site Collocation	ł	200			20:12	8			T					
	Remote Site-Adjacent Collocation-Application Fee	-	CLORS	PE1RU		755.62	755.62								
	A A A A A A A A A A A A A A A A A A A		000	10,70											
	Kemote Site-Adjacent Corlocation - Real Estate, per square 1001	-	CLORS	אבוא	0.134										
	Remote Site-Adjacent Collocation - AC Power, per breaker amp		CLORS	PE1RS	6.27										
NOTE	NOTE: If Securty Escort and/or Add'1 Engineering Fees become necessary for adjacent remote site collocation, the Parties will negotiate appropriate rates.	ssary for a	djacent remote site	collocation,	the Parties will n	egotiate appropria	te rates.								
Virtua	Virtual Remote Site Collocation														
	Virtual Collocation in the Remote Site - Application Fee		VE1RS	VE1RB		309.48		168.63							
	Virtual Collocation in the Remote Site - Per Bay/Rack of Space		VETRS	VE1RC	210.05										
	Virtual Collocation in the Remote Site - Space Availability Report														
	per Premises requested	-	VE1RS	VE1RR		116.54									
	Virtual Collocation in the Remote Site - Remote Site CLL! Code Reguest, per CLL! Code Reguested		VETRS	77		27.75					•	•			
ADJACENT CO	ADJACENT COLLOCATION		2	1											
	Adjacent Collocation - Space Charge per Sq. Ft.		CLOAC	PE1JA	0.0678								† 		
	Adjacent Collocation - Electrical Facility Charge per Linear Ft.		CLOAC	PE1JC	4.68										
	Adjacent Calendia 2 Miss Coss and		UEANL, UEQ, UEA, U	υ Ο 2 Ο 3		£0.04	10.11	č		!					
	Adjacent Colocation - 2-Wile Cross-Colliferia	1		מו זיינ	0.0223		/0.1	\$ 6	0.40						
	Adjacent Collocation - 4-Wire Cross-Connects	$\frac{1}{1}$	UEAUTI, UDE, U		0.0446	12.47	\$ 5	6.59	5.97	1					
	Adjacent Collocation DC2 Cross Connects		100	21.00	35.5		10.02	0.00	0.97						
	Adjacent Collocation - 2-Elher Cross-Connect		2010		27.5	24.04	15.20	7.01	0.00						
	Adjacent Collocation - 4-Fiber Cross-Connect		CLOAC	F F	4 62	25.70	19 97	10.01	0 e						
	Adjacent Collocation - Application Fee		CLOAC	PE1JB		1.585.83									
	Adjacent Collocation - 120V, Single Phase Standby Power Rate	-					-	-							
	per AC Breaker Amp		CLOAC	PE1JL	5.29										
	Adjacent Collocation - 240V, Single Phase Standby Power Rate		2	DE 1 10	70.00										
	Adjacent Collection 420/ There Diese Steel In Deservices		CLUAC	2	00.01		1			1			1		
	Adjacent Conocaton - 120V, Inter Phase Standby Power Kate per AC Breaker Amp		CLOAC	PE13N	15.87										
	Adjacent Collocation - 277V, Three Phase Standby Power Rate			-											
	per AC Breaker Amp		CLOAC	PE1J0	36.65		-		-						
NOTE	NOTE: Rates displaying an "R" in the interim column are interim and subject to rate true-up	subject to	rate true-up as set	forth in Gene	as set forth in General Terms and Conditions.	nditions.									

COLLOCATA	COLLOCATION - North Carolina													- 1	
										Svc Order Submitted			Incremental Charge -		Incremental Charge
CATEGORY	RATE ELEMENTS	Interi Z	Zone BCS	-	oson		RATES(\$)	⊙		Elec per LSR	Manually per LSR	Manual Order Electro 1st	Manual Svc Order vs. Electronic- Add'I	Manual Svc Order vs. Electronic- Disc 1st	Manual Svc Order vs. Electronic- Disc Add'l
					2	Rec	Nonrecurring	Nonre	rring Dis	COME	COMAN	SSO	OSS Rates(\$)	NAMOS	NAMOR
		\downarrow			+		FIRST	III	- Add -	SOME	+	NAMO	NU III	NC HOS	1000
PHYSICAL COLLOCATION	LLOCATION														
Application	ation Dhysical Collocation - Initial Application Fee	1	Ci	PE	BA	+	2.322.00	+							
	Physical Collocation - Subsequent Application Fee	<u> </u>	OLO OLO	PE1CA	45		2,311.00								
	Physical Collocation - Co-Carrier Cross Connects/Direct														
	Connect, Application Fee, per application Description Collocation Administration Collocation Eco	\int	200	PE101			317.20								
	Physical Collocation - Application Cost. Simple Augment	1	CLO	PE	\$ Ç	-	269.83	-	1.15						
	Physical Collocation - Application Cost, Minor Augment	<u> </u>	CLO	PE1KM	ΚM	\vdash	493.40		1.15						
	Physical Collocation - Application Cost, Intermediate Augment		CLO	PE1	7.		1,012.00		1.15						
1 00000	Physical Collocation - Application Cost - Major Augment	\int	CLO	띮	3	+	2,343.00		1.15						
Space	Physical Collocation - Floor Space, per sq feet	1	CLO	PE1PJ	PJ	2.69		-							
	Physical Collocation - Space Enclosure, welded wire, first 50 source feet		0	PF1RX	X		534 44							•	
	Physical Collocation - Space enclosure, welded wire, first 100		0 0				70 00								
	Square reer	+	CEO	עם ומער	QAA.	+	228.81			1					
	rnysical Corocation - Space enclosure, werded wire, each additional 50 square feet		CLO	PE1CW	CW		25.37								
	Physical Collocation - Space Preparation - C.O. Modification per source ft.		OTO	PE1SK	XS.	2.42	•								
	Physical Collocation - Space Preparation, Common Systems		(į		9									
	Modifications-Laggisess, per square toot Divisional Collocation - Space Deparation - Common Systems		CEO	YE IS	<u>۱</u>	7.88		+		1					
	Priyatea Conocation - Space Frebalation - Confinency Sterns Modifications-Caged, per cage		CLO	PE1SM	SM	97.98	-								
	Physical Collocation - Space Preparation - Firm Order Processing		o U	PE1SJ			1,196.00								
	Physical Collocation - Space Availability Report, per Central Office Requested		CLO	PE1SR	SR		2.140.00								
Power															
			0.00	PE1PL		7.65									
	Physical Collocation - Power, 120V AC Power, Single Phase, per Breaker Amp		CI'O	PE1FB	8	5.50									
	Physical Collocation - Power, 240V AC Power, Single Phase, per Breaker Amp		OTO	PE1FD	<u></u>	11.01									
	Physical Collocation - Power, 120V AC Power, Three Phase, per Breaker Ann		C	DE1EE	i ii	16.51									
	Physical Collocation - Power, 277V AC Power, Three Phase, per		3		1 (9		-							
Cross	Breaker Amp Cross Connects (Cross Connects, Co-Carrier Cross Connects, and Ports)	orts)	CFC	PETE	9	38.12		+			-				
			UEANL, UEQ, UNCNX, UEA, UCL, UAL, UHL, UDN,	g z				-							
	Physical Collocation - 2-wire cross-connect, loop, provisioning		UNCVX	PE1P2		0.0309	19.77	14.95							
	Physical Collocation - 4-wire cross-connect, loop, provisioning		UEA, UHL, UN UNCDX, UCL,	UNCVX, PE1P4		0.0618	19.95	15.05							
			WDS1L, WDS1S, UXTD1, ULDD1, USLEL, UNLD1, U1TD1, UNC1X,	& ← ← × i							***		,		
	Physical Collocation -DS1 Cross-Connect for Physical Collocation provisioning		UEPSK, UEPK UEPSE, UEPK USL, UEPEX,	, e.,		86	30 15	23.20							
	Simple and the property of the		Va ian			8:1		-							

Page 33 of 48

COLLOCAT	COLLOCATION - North Carolina												Attachment: 4		Exhibit: B	
CATEGORY	RATE ELEMENTS	Interi Zc	Zone BCS	σ	nsoc			RATES(\$)			Svc Order Svc Order Submitted Submitted Elec Manually per LSR		Incremental Incremental Charge - Charge - Manual Svc Manual Svc Order vs. Cletronic Electronic - 1st Add'i	Incremental Charge - Manual Svc Order vs. Electronic-	Incremental Charge - Manual Svc Order vs. Electronic- Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic- Disc Add'l
						Rec	Nonrect	Nonrecurring	Nonrecurring Disconnect	Disconnect	03,100	NV NOS	SSO	OSS Rates(\$)	NAMOS	NOMON
		+	150 1470				FIRST	Addi	FIFST	Addi	SOMEC	NAMON	SOMAN	SOMAN	SOMAN	OCINA
	Physical Collocation - DS3 Cross-Connect, provisioning		UCD3, UTC3, UNC3, UNC31, ULD3, UNC31, ULD31, UNLD3, UEPST, UEPDX, UEPSR, UEPSB, UEPSR, UEPSB,		PE 173	17.62	38.25	21.94								
	Physical Collocation - 2-Fiber Cross-Connect		OLO, ULDC ULD12, ULI U1TO3, U1' U1T48, UDI UDL12, UDI		PE1F2	3.50	38.25	21.94								
	Physical Collocation - 4-Fiber Cross-Connect		ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF, UDFCX		PE1F4	6.20	43.96	26.17								
	Physical Collocation - Co-Carrier Cross Connects/Direct Connect - Fiber Cable Support Structure, per linear foot, per cable.		0		PE1ES	0.0028										
	Physical Collocation - Co-Carrier Cross Connect/Direct Connect-Copper/Coax Cable Support Structure, per linear foot, per cable.		Olo	1	PE10S	0.0041										
	Physical Collocation 2-Wire Cross Connect, Port		UEPSR, UEPSP, UEPSE, UEPSB, UEPSX, UEP2C	1	PE1R2	0.0309	19.77	14.95					26.94	12.76		
		1	UEPEX, UE		1R4	0.0618	19.95	15.05					26.94	12.76		
Decon			GLO	ā	PE1BT		33.68	21.34								
	Physical Collocation - Security Escort for Overtime - outside of normally scheduled working hours on a scheduled work day, per half hour		95	ă.	PE10T		43.87	27.57								
	Physical Collocation - Security Escort for Premium Time - outside of scheduled work day, per half hour		GLO	ā	PE1PT		54.06	33.80								
	Physical Collocation - Security Access System - Security System per Central Office, per Sq. Ft.		aro	ä	PE1AY	0.0135										
	Physical Collocation -Security Access System - New Card Activation, per Card Activation (First), per State		αo	ä	PE1A1	0.0622	15.00									
	Physical Collocation-Security Access System-Administrative Change, existing Access Card, per Request, per State, per Card		cro	<u> </u>	PE1AA		15.51									
	Physical Collocation - Security Access System - Replace Lost or Stolen Card, per Card		aro	ā	=1AR		15.00									
	Physical Collocation - Security Access - Initial Key, per Key		CLO	ä	PE1AK		15.00									
CEA	Stolen Key, per Key	\dashv	аго	ă	PE1AL		15.00									
5	Physical Collocation - CFA Information Resend Request, per premises, per arrangement, per request		aro	ā	PE1C9		77.48									
Cable	Cable Records Physical Collocation - Cable Records, per request	_	CLO	ď	PETCR		1458	S 937.29	245.00	245.00						
	Physical Collocation, Cable Records, VG/DS0 Cable, per cable record (maximum 3600 records)		CLO	ā	PE1CD		22.69		346.35	346.35						
	Physical Collocation, Cable Records, VG/DS0 Cable, per each 100 pair		CLO	ď	100		8.77	8.77	10.32	10.32				•		
	Physical Collocation, Cable Records, DS1, per T1 TIE Physical Collocation, Cable Records, DS3, per T3 TIE	\dagger	000	ā ā	PE1C1		15.22	15.22	5.11	17.90						

Version: 4Q04 Standard ICA 04/05/05

COLLOCAT	COLLOCATION - North Carolina											Attachment: 4		Exhibit: B	
										Svc Order		Incremental	Į.	=	Incremental
										Submitted Submitted		Charge - Manual Svo	Manual Svc	Manual Svc	Manual Svc
CATEGORY	RATE ELEMENTS	interior in	Zone BCS	nsoc	2		RATES(\$)			α					Order vs.
		:										Electronic- 1st	Electronic- Add'i	Electronic- Disc 1st	Electronic- Disc Add'I
		1			-	Nonre	Nonrecurring	Nonrecurring Disconnect	Disconnect			SSO	Rates(\$)		
					Rec	First	Add'I	First	Add'I	SOMEC SOMAN	SOMAN	SOMAN	AN SOMAN	SOMAN	SOMAN
	Physical Collocation - Cable Records, Fiber Cable, per cable		o T	000		163.6	162 64	CE EVF	143 32						
Virtual	Irecord (maximum 99 records)		OF CASE	2		10:00		140.04	70.04						
	Physical Collocation - Virtual to Physical Collocation Relocation,		0	200		33 00						-			
	per voice Grade Orduit Physical Collocation - Virtual to Physical Collocation,		CEC	0 1		33.00									
	per DSO Circuit		CLO	PE1BO		33.00					1				
	Physical Collocation - Virtual to Physical Collocation Relocation, per DS1 Circuit		CLO	PE1B1		52.00									
i	Physical Collocation - Virtual to Physical Collocation Relocation, per DS3 Circuit		CLO	PE1B3		52.00									
	Physical Collocation - Virtual to Physical Collocation in-Place, Per Voice Grade Circuit		OTO	PE1BR		23.00									
	Physical Collocation Virtual to Physical Collocation In-Place, Per DSO Circuit		CLO	PE1BP		23.00									
	Physical Collocation - Virtual to Physical Collocation In-Place, Per DS1 Circuit		СГО	PE1BS		33.00									
	Physical Collocation - Virtual to Physical Collocation In-Place, per DS3 Circuit		OTO	PE1BE		37.00									
Entran	Entrance Cable														
	Physical Collocation - Cable Installation, Pricing, non-recurring charge, per Entrance Cable		СГО	PE1BD	_	1,233.00									
	Physical Collocation - Cable Support Structure, per Entrance		0	00101	CC	23									
VIRTUAL COLLOCATION	LOCATION		270	2	3										
Application	cation		2	-		00.00					1	0000	34.04		
	Virtual Collocation - Application Fee Virtual Collocation - Co-Carrier Cross Connects/Direct Connect,		AMITO	TA.		1, 195.00					T	¥6.07	17.70		
	Application Fee, per application		AMTES	VE1CA		317.20									
Space	Virtual Collocation Administrative Only - Application Fee		AMTFS	VE1AF		/41.44					+			1	
Space	Virtual Collocation - Floor Space, per sq. ft.		AMTES	ESPVX	<u> </u>	2.69									
Power			C.L.	2001		10									
2	Wittual Collocation - Power, per fused amp	orte)	AMILES	ESPAX		69.7			1						
5	Metral Calocation - 2 Later cross connects in missioning	3	UEANI, UEA, UDN, UAL, UHL, UCL, UEQ, UNCVX,	DN,	A 200 0	75 01	14 95					76 96	19.76		
	Mrtial Caloration - Autra cross contact from provisioning		UEA, UHL, UCL, UDL, UNCVX,									26 94	10.76		
	Virtual collocation - Special Access & UNE, cross-connect per		ULR, UXTD1, UNC1X, ULDD1, U1TD1, USLEL, UNLD1, USL,									26 95	57. ct		
			USL, UE3, U1TE UXTS1, UXTD3.												
	Virtual collocation - Special Access & UNE, cross-connect per DS3		UNC3X, UNCSX ULDD3, U1TS1, ULDS1, UDLSX, UNLD3	CND3X	, 4.41	41 38.25	21.94					26.94	12.76		
			UDL12, UDLO3, U1148, U1112, U1103, ULD02	200		90.00	5					96	, 27.		
	Virtual Collocation - 2-Tiber Cross Confieds		טרטול, טרטים,	UOF CINCE								46.34	12.70		

COLLOCAT	COLLOCATION - North Carolina										٩	Attachment: 4		- 1	
										Svc Order Svc Order Submitted Submitted		Incremental Incremental Charge - Charge -			Incremental Charge -
CATEGORY	RATE ELEMENTS	Interi Zone	BCS	nsoc		œ	RATES(\$)			Elec Per LSR		O			Manual Svc Order vs.
												Electronic- 1st	Electronic- Add'I	Electronic- Disc 1st	Electronic- Disc Add'l
		-			à	Nonrecurring	T	Nonrecurring Disconnect	isconnect			OSS	OSS Rates(\$)	1	
					282	First	Ħ	First	Add:1	SOMEC SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Virtual Collocation - 4-Fiber Cross Connects		UDL12, UDLO3, U1148, U1712, U1TO3, ULDO3, ULD12, ULD48, UDF CNC4F	CNC4F	3.93	43.96	26.17					26.94	12.76		
	Virtual Collocation - Co-Carrier Cross Connects/Direct Connect - Fiber Cable Support Structure, per linear foot, per cable		AMTFS	VE1CB	0.0028										
	Virtual Collocation - Co-Carrier Cross Connects/Direct Connect - Copper/Coax Cable Support Structure, per linear foot, per cable		AMTES	VE1CD	0.0041										
	Virtual Collocation 2-Wire Cross Connect, Port	-	UEPSK, UEPSB, UEPSE, UEPSP, UEPSR, UEP2C	VE1R2	0.0225	19.77	14.95					26.94	12.76		
CFA	Virtual Collocation 4-Wire Cross Connect, Port	+	UEPDD, UEPEX	VE1R4	0.0449	19.95	15.05					70.94	12.70		
olde	Virtual Collocation - CFA Information Resend Request, per Praises, per Arrangement, per request		AMTFS	VE10R		77.48									
200	Virtual Collocation Cable Records - per request	-	AMTES	VE1BA		1,458.00	937.29	245.00	245.00						
	Virtual Collocation Cable Records - VG/DS0 Cable, per cable record		AMTES	VE1BB		6527.69	652.69	346.35	346.35						
	Virtual Collocation Cable Records - VG/DS0 Cable, per each 100 pair		AMTES	VE1BC		8.77	8.77	10.32	10.32			,			
	Virtual Collocation Cable Records - DS1, per T1TE	-	AMTES	VE1BD		4.35	4.35	5.11	5.11						-
	Virtual Collocation Cable Records - DS3, per T3TIE		AMTES	VE1BE		15.22	15.22	17.90	17.90				1		
	Virtual Collocation Cable Records - Fiber Cable, per 99 fiber records		AMTFS	VE1BF		163.61	163.61	143.32	143.32						
Securit		1		Ī			1								
	Virtual collocation - Security escort, basic time, normally scheduled work hours		AMTES	SPTBX		33.68	21.34					26.94	12.76		
	Virtual collocation - Security escort, overtime, outside of normally scheduled work hours on a normal working day		AMTES	SPTOX		43.87	27.57					26.94	12.76		
	Virtual collocation - Security escort, premium time, outside of a scheduled work day		AMTES	SPTPX		54.06	33.80					26.94	12.76		
Maint	Maintenance		AMTEC	X IGLO		52.03	24 22					26.94	12.76		
	Virtual colocation - Maintenance in CO - Costo, per haif hour		AMTFS	SPTOM		69.48	27.81					26.94	12.76		
,	Virtual collocation - Maintenance in CO - Premium per half hour		AMTFS	SPTPM		86.94	34.40					26.94	12.76		
Entra	Entrance Cable Introduce		AMTES	ESPCX		1,233.00						26.94	12.76		
COLLOCATIO	Virtual Collocation - Cable Support Structure, per cable		AMTFS	ESPSX	13.28										
Physi	Physical Remote Site Collocation Physical Collocation in the Remote Site - Application Fee	$\frac{1}{1}$	CLORS	PE1RA		589.38		258.38							
	Cabinet Space in the Remote Site per Bay/ Rack	1.	CLORS	PETRB	718.07										
	Physical Collocation in the Remote Site - Security Access - Key		CLORS	PE1RD		15.00									
	Physical Collocation in the Remote Site - Space Availability Report per Premises Requested		CLORS	PE1SR		215.55									
	Physical Collocation in the Remote Site - Remote Site CLLI Code Request, per CLLI Code Requested		CLORS	PE1RE		70.65									
	Remote Site DLEC Data (BRSDD), per Compact Disk, per CO	-	CLORS	PE1RR		232.94					1		+		
	Physical Collocation - Security Escort for Basic Time - normally scheduled work, per half hour	_	CLORS	PE1BT		33.68	21.34								

COLLOCA	COLLOCATION - North Carolina										,	Attachment: 4		Exhibit: B	
										Svc Order 8	Svc Order	Incremental	Svc Order Svc Order Incremental Incremental Incremental		Incremental
										Submitted Submitted	Submitted	Charge -	Charge -	Charge -	Charge -
		1								Elec		Ü	2		Manual Svc
CATEGORY	RATE ELEMENTS		Zone BCS	OSOC		L	RATES(\$)			per LSR	per LSR	Order vs.	Order vs.	Order vs.	Order vs.
		=										Electronic-	Electronic-	Electronic-	Electronic-
												1st	Add1	Disc 1st	Disc Add'l
		Ī			0	Nonrecurring	-	Nonrecurring Disconnect	Disconnect	-		SSO	OSS Rates(\$)		
	And the second s				Sec.	First	Add'i	First	Add'I	SOMEC	SOMAN	SOMAN	NAMOS	SOMAN	SOMAN
	Physical Collocation - Security Escort for Overtime - outside of														
	normally scheduled working hours on a scheduled work day, per half hour		CLORS	PE10T		43.87	27.57			_					
	Physical Collocation - Security Escort for Premium Time -						3								
	outside of scheduled work day, per half hour		CLORS	PE1P1		54.06	33.80								
Adjac	Adjacent Remote Site Collocation														
	Remote Site-Adjacent Collocation-Application Fee		CLORS	PE1RU		755.62	755.62								
	Remote Site-Adjacent Collocation - Real Estate, per square foot		CLORS	PE1RT	0.134										
	Remote Site-Adjacent Collocation - AC Power, per breaker amp		CLORS	PE1RS	6.27										
NOTE	NOTE: if Security Escort and/or Add'I Engineering Fees become necessary for adjacent remote site collocation, the Parties will negotiate appropriate rates.	ssary fo	r adjacent remote site	collocation, th	e Parties will ne	gotiate appropriat	te rates.								
Virtua	Virtual Remote Site Collocation														
	Virtual Coltocation in the Remote Site - Application Fee		VE1RS	VE1RB		589.38		258.38							
	Virtual Collocation in the Remote Site - Per Bay/Back of Space		VE1RS	VETRC	218.07										
	Marian Constant of the Demonstration Constant National Constant	Ì								ľ	T				
	Virtual Collocation in the Remote Site - Space Availability Report per Premises requested		VE1RS	VE1RR		215.55									
	Virtual Collocation in the Remote Site - Remote Site CLLI Code														
	Request, per CLLI Code Requested		VE1RS	VE1RL		70.65									
ADJACENT C	COLLOCATION	1									1				
	Adjacent Collocation - Space Charge per Sq. Ft.	1	CLOAC	PE1JA	0.1555										
	Adjacent Collocation - Electrical Facility Charge per Linear Ft.		CLOAC	PE1JC	5.78		1	1							
	Adjacent Collocation - 2-Wire Cross-Connects		UEANL, UEQ, UEA, U CL, UAL, UHL, UDN	EQ, UEA, U UHL, UDN PE1JE	0.0239	19.77	14.95								
	Adjacent Collocation - 4-Wire Cross-Connects		VEA,UHL,UDL,UC	L PE1JF	0.0477	19.95	15.05								
	Adjacent Collocation - DS1 Cross-Connects		USI	PE1JG	1.28	39.15	23.20								
	Adjacent Collocation - DS3 Cross-Connects		UE3	PE1JH	17.35	38.25	21.94								
	Adjacent Collocation - 2-Fiber Cross-Connect		CLOAC	PE1JJ	2.94	38.25	21.92								
	Adjacent Collocation - 4-Fiber Cross-Connect		CLOAC	PE1JK	5.62	43.96	26.17								
	Adjacent Collocation - Application Fee		CLOAC	PE1JB		2,266.00		0.5842							
	Adjacent Collocation - 120V, Single Phase Standby Power Rate net AC Breaker Ann		CLOAC	PF1.	5.50										
	Adjacent Collocation - 240V Single Dhase Standby Dower Pate										ľ				
	per AC Breaker Amp		CLOAC	PE1JM	11.01										
	Adjacent Collocation - 120V, Three Phase Standby Power Rate		CIOAC	PE ₁	16.51										
	Adjacent Collocation - 277V, Three Phase Standby Power Rate	T	200		ò										
	per AC Breaker Amp		CLOAC	PE1JO	38.12					•					
NOTE	NOTE: Rates displaying an "R" in the interim column are interim and subject to rate true-up	subject	to rate true-up as set f	orth in Genera	as set forth in General Terms and Conditions.	ditions.									

1400	COLLOCATION COLLECTION											4	Attachment: 4	4	Exhibit: B	
COLLOCA	ION - South Carollina		-								Svc Order	Svc Order	ncremental	Incremental Incremental	Incremental	Incremental
CATEGORY	RATE ELEMENTS	Interl 2	Zone	BCS	nsoc			RATES(\$)					Charge - Manual Svc Order vs. Electronic- 1st	Charge - Charge - Manual Svc Order vs. Order vs. Electronic - Add'l	Charge - Manual Svc Order vs. Electronic- Disc 1st	Charge - Manual Svc Order vs. Electronic- Disc Add'l
			+				Nonrecu	ırring	Nonrecurring Disconnect	Disconnect		1	OSS Rates(\$)	Rates(\$)		
						Kec	First	irst Add'l	First	Add'i	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
			+													
PHYSICAL COLLOCATION	JLLOCATION		+													
Application	cation Disciple Callearties Initial Application Eco		0		PE1RA		1 883 67		0.51							
	Physical Collocation - Subsequent Application Fee	İ) 당		PETCA		1,570.10		0.51							
	Physical Collocation - Co-Carrier Cross Connects/Direct	I	L		1		4 7 6 7									
	Connect, Application Fee, per application	1	3		PETDI		284.47									
	Physical Collocation - Power Reconfiguration Only, Application Fee		<u>ਹ</u>		PE1PR		400.33									
	Physical Collocation Administrative Only - Application Fee		ਹੱ		PE1BL		743.66									
	Physical Collocation - Application Cost, Simple Augment		ਰੋ ਹ		PE1KS		594.27		1.21			1				
	Physical Collocation - Application Cost, Minor Augment Physical Collocation - Application Cost Intermediate Augment		3 2		PE1K1		1,058.00		1.21							
	Physical Collocation - Application Cost - Major Augment		Q.		PE1KJ		2,409.00		1.21							
Space	Space Preparation		0		0510	3.05										
	Physical Collocation - Floor Space, per sq feet. Physical Collocation - Space Enclosure, welded wire, first 50		3		2	200			***************************************							
	square feet		CLO	C	PE1BX	197.69										
	Physical Collocation - Space endosure, welded wire, first 100 source feet		GC CFO	2	PE18W	219.19										
	Physical Collocation - Space enclosure, welded wire, each		5		PE1CW	21.50									İ	
	Physical Collocation - Space Preparation - C.O. Modification per		3													
	square ft.		OD G	0	PE1SK	2.75										
	Physical Collocation - Space Preparation, Common Systems Modifications-Cadeless, per square foot		00	0	PE1SL	3.24										
	Physical Collocation - Space Preparation - Common Systems		C		DE1CM	110 16										
	Modifications-Caged, per cage Physical Collocation - Space Preparation - Firm Order	1	3		201	2										
	Processing		CLO	C	PE1SJ		602.05									
	Physical Collocation - Space Availability Report, per Central Office Requested		C C		PE1SR		1.077.57						•			
Power	-		3													
	Physical Collocation - Power, 48V DC Power - per Fused Amp		2		P#1P	91.6										
	Physical Collocation - Power, 120V AC Power, Single Phase,		5		0170	73.3										
	Physical Collocation - Power, 240V AC Power, Single Phase,		-		1	25										
	per Breaker Amp Physical Collocation - Power, 120V AC Power, Three Phase, per		010		PETFD	11.36										
	Breaker Amp		CLO	0	PE1FE	17.03										
	Physical Collocation - Power, 277V AC Power, Three Phase, per Breaker Amp		c <u>r</u> o		PE1FG	39.33										
Cross	Cross Connects (Cross Connects, Co-Carrier Cross Connects, and Ports)	orts)														
	Physical Collecation - Zwire cross-connect. Ion. provisionin		3 S S S	UEANL, UEQ, UNCNX, UEA, UCL, UAL, UHL, UDN, UNCXX	PE1P2	0.0341	12.32	11.83	6.0	5.45						
) E	A, UHL, UNCVX,												
	Physical Collocation - 4-wire cross-connect, loop, provisioning		3 5	CDX, UCL, UDL	PE1P4	0.0682	12.42	11.90	6.40	5.74						
	Physical Collocation -DS1 Cross-Connect for Physical			WEST, WEST, WEST, WEST, UNIO1, UNIO1, UNIO1, UNIO1, UNESR, UEPSB, UEPSB, UEPSB, UEPSB, UST, UEPSF, U		Ş	8	4	4	6 u						
	Collocation, provisioning		30	UEPUX	7 7 7	1.12	67.70	03:30	7.0	000						

TA JO I JOS	COLLOCATION - South Carolina											Attachment: 4		Exhibit: B	
2007	Out Carollia	F								Svc Order	Svc Order	Incremental	ncremental	Incremental	Incremental
CATEGORY	RATE ELEMENTS	Interi Zone m	BCS	nsoc			RATES(\$)			Submitted Submitted Elec Manually per LSR per LSR			Charge - Manual Svc Order vs. Electronic- Add'l	Charge - Charge - Manual Svc Order vs. Clectronic Electronic Disc 1st Disc Add'l	Charge - Manual Svc Order vs. Electronic- Disc Add'i
		+				Parack	nuting	Nonracurdog Disconnect	Disconnect			SSO	Rates(\$)		
		-			Rec	First Add'l	Add'I	First	Add'I	SOMEC	SOMAN	SOMAN SOMAN	SOMAN	SOMAN	SOMAN
	Physical Collocation - DS3 Cross-Connect, provisioning		UE3, U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1, ULDS1, UNLD3, UEPEX, UEPDX, UEPSR, UEPSR, UEPSR, UEPSR,	PE1P3	14.21	20.94	16.23	7.39	5,93						
	Physical Collocation - 2-Fiber Cross-Connect		CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1F2	2.82	20.94	15.23	7.40	5.93						
	Physical Collocation - 4-Fiber Cross-Connect		ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF, UDFCX	PE1F4	5.01	25.61	19.90	9.73	8.26						
	Physical Collocation - Co-Carrier Cross Connects/Direct Connect - Fiber Cable Support Structure, per linear foot, per cable.		сго	PE1ES	0.001										
	Physical Collocation - Co-Carrier Cross Connect/Direct Connect - Copper/Coax Cable Support Structure, per linear foot, per cable		0.0	PE1DS	0.0015										
	Physical Collocation 2, Wire Cross Connect Port		UEPSR, UEPSP, UEPSE, UEPSB, UEPSX, UEP2C	PE1R2	0.0341	12.32	11.83	6.04	5.45		15.69				
	Physical Collocation 4-Wire Cross Connect, Port		UEPEX, UEPDD	PE1R4	0.0682	12.42	11.90	6.40	5.74		15.69				
Security	Physical Collocation - Security Escort for Basic Time - normally	-	C	PE1BT		16.96	10.75								
	Physical Colocation - Security Escort for Overtime - outside of normally scheduled working hours on a scheduled work day, per half hour		СГО	PE10T		22.10	13.89								
	Physical Collocation - Security Escort for Premium Time - outside of scheduled work day, per half hour		CLO	PE1PT		27.23	17.02								
	Physical Collocation - Security Access System, Security System, per Central Office		ого	PE1AX	74.72										
	Physical Collocation -Security Access System - New Card Activation, per Card Activation (First), per State		αιο	PE1A1	0.0601	27.85									
	Physical Collocation-Security Access System-Administrative Change, existing Access Card, per Request, per State, per Card		CLO	PE1AA		7.81									
	Physical Collocation - Security Access System - Replace Lost or Stolen Card, per Card		OLO	PE1AR		22.83									
	Physical Collocation - Security Access - Initial Key, per Key		CLO	PE1AK		13.13								-	
	Physical Collocation - Security Access - Key, Replace Lost or Stolen Key, per Key		CLO	PE1AL		13.13									
CFA	Physical Collocation - CFA Information Resend Request, per premises, per arrangement, per request		070	PE1C9		77.71									
Cable	Cable Records Physical Collocation - Cable Records, per request		סרס	PE1CR		1 760.98	\$ 489.2	133.29							
	Physical Collocation, Cable Records, VG/DS0 Cable, per cable record (maximum 3600 records)		СГО	PE1CD		327.65		189.54							
	Physical Collocation, Cable Records, VG/DS0 Cable, per each 100 pair		ОГО	PE1C0		4.82		5.91							
	Physical Collocation, Cable Records, DS1, per T1 TIE Physical Collocation, Cable Records, DS3, ner T3 TIE		CLO	PE1C1		2.26		2.77 9.68							
	ווואאלפן כתוכתפוותוי כמהוב וצמכה הכי להי יבי ייה) :											

COLLOCAT	COLLOCATION - South Carolina									1	Attachment: 4	-	- 1-	
									er ed		Incremental Charge -	Incremental incremental Charge - Charge -		Incremental Charge -
CATEGORY	RATE ELEMENTS	m a	Zone	nsoc		RATES(\$)	æ		Elec per LSR	Manually Per LSR	Manual Svc Order vs. Electronic-	Manual Svc Order vs. Electronic-	Manual Svc Order vs. Electronic-	Manual Svc Order vs. Electronic-
								i			167	Dottor(f)	196 196	DISC VIGO
		1			ž	First Add'I	Nonrecu	First Add'!	SOMEC	SOMAN	SOMAN SOM	SOMAN	SOMAN	SOMAN
	Physical Collocation - Cable Records, Fiber Cable, per cable		OTO	PE1CB		84.68		.30						
Virtua	Virtual to Physical													
	Physical Collocation - Virtual to Physical Collocation Relocation, per Volce Grade Circuit		CLO	PE1BV		33.00								
	Physical Collocation - Virtual to Physical Collocation Relocation, per DSO Circuit		CLO	PE1BO		33.00				•				
	Physical Collocation - Virtual to Physical Collocation Relocation, per DS1 Circuit		CLO	PE181		52.00						,		
	Physical Collocation - Virtual to Physical Collocation Relocation, per DS3 Circuit		CLO	PE1B3		52.00								
	Physical Collocation - Virtual to Physical Collocation In-Place, Per Voice Grade Circuit		СГО	PE1BR		23.00								
	Physical Collocation Virtual to Physical Collocation In-Place, Per DSO Circuit		ОГО	PE18P		23.00								
	Physical Collocation - Virtual to Physical Collocation In-Place, Per DS1 Circuit		CLO	PE1BS		33.00								
	Physical Collocation - Virtual to Physical Collocation In-Place, per DS3 Circuit		CLO	PE1BE		37.00								
Entrar	nce Cable Physical Collocation - Cable Installation, Pricing, non-recurring						1							
	charge, per Entrance Cable		CLO	PE1BD		794.22		22.54						
	Physical Collocation - Cable Support Structure, per Entrance Cable		CLO	PE1PM	21.33			-						
	Physical Collocation - Fiber Entrance Cable Installation, per Fiber		CLO	PE1ED		3.87								
VIRTUAL COLLOCATION	LOCATION													
Application	cation						1			1				
	Wrtual Collocation - Application Fee		AMTFS	EAF		1,207.95	+	0.51						
	Virtual Collocation - Co-Cartler Cross Connects/Direct Connect, Application Fee, per application		AMTFS	VE1CA		584.42								
	Virtual Collocation Administrative Only - Application Fee		AMTFS	VE1AF		743.66								
Space	Space Preparation Space Preparation - Floor Space, per sq. ft.		AMTES	ESPVX	3.95									
Power														
3	Wrtual Collocation - Power, per fused amp) otto	AMTFS	ESPAX	9.19									
	Virtual Colocation - 2-wire cross-connect, loop, provisioning		UEANL, UEA, UDN, UAL, UHL, UCL, UEQ, UNCVX, UNCDX, UNCX	UEAC2	0.0317	12.32	33	6.04 5.45						
	Virtual Collocation - 4-wire cross-connect, loop, provisioning		UEA, UHL, UCL, UDL, UNCVX, UNCDX		0.0634		8							
	Virtual collocation - Special Access & UNE,cross-connect per DS1		ULR, UXTD1, UNC1X, ULDD1, U1TD1, USLEL, UNLD1, USL, UEPEX, UEPDX		1.12	22.08 15.96	96	6.42 5.80						
	Virtual collocation - Special Access & UNE, cross-connect per DS3		USE, UE3, U1TD3, UXTS1, UXTD3, UNC3X, UNCSX, ULDD3, U1TS1, ULDS1, UDLSX, UNLD3	CND3X	14.21	20.94 15.23	83	7.39 5.93						
				1										

	ON LOCATION South Carolina										At	Attachment: 4		Exhibit: B	
COLLOCA	TON - SOURI CAROLINA									Svc Order Svc Order		=	<u>Fa</u>	Incremental Incremental	Chame
		***			_					Submitted Submitted		Manual Svc	Manual Svc	Manual Svc	Manual Svc
CATEGORY	RATE ELEMENTS	Interi Zc	Zone	nsoc			RATES(\$)			œ					Order vs.
											n	Electronic- 1st	Add'i		Disc Add'l
		+			0	Nonrecurring		Nonrecurring Disconnect	Disconnect		1 }	OSS Rates(\$)	Rates(\$)		N V PIO
					Net	First	Add'i	First	Add"	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAIN
	Virtual Collocation - 2-Fiber Cross Connects		UDL12, UDL03, UTT48, UTT12, UTT03, ULD03, ULD12, ULD48, UDF CNC2F	CNC2F	2.86	20.94	15,23	7.40	5.93						
	Virtual Collocation - 4-Fiber Cross Connects		UDL12, UDLO3, U1T48, U1T12, U1TO3, ULDO3, ULD12, ULD48, UDF	F CNO4F	5.71	25.61	19.90	9.73	8.26						
	Virtual Collocation - Co-Carrier Cross Connects/Direct Connect - Fiber Cable Support Structure, per linear foot, per cable		AMTFS	VE1CB	0.001										
	Virtual Collocation - Co-Carrier Gross Connects/Direct Connect - Copper/Coax Cable Support Structure, per linear foot, per cable		AMTES	VE1CD	0.0015										
	Virtual Collocation 2-Wire Cross Connect, Port		UEPSX, UEPSB, UEPSE, UEPSP, UEPSR, UEP2C	VE1R2	0.0317	12.32	11.83	6.04	5.45						
	Virtual Collocation 4-Wire Cross Connect, Port	+	UEPDD, UEPEX	VE1R4	0.0634	12.42	36	6.40	47.6						
QFA	Virtual Collocation - CFA Information Resend Request, per Premises, per Arrangement, per request		AMTFS	VE10R		17.77									
Cabl	Cable Records Virtual Collocation Cable Records - per request	+	AMTES	VE1BA		760.98	489.20	133.29							
	Virtual Collocation Cable Records - VG/DS0 Cable, per cable		AMTES	VE1BB		327.65		189.54							
	Virtual Collocation Cable Records - VG/DS0 Cable, per each 100 nair		AMTES	VE1BC		4.82		5.91							
	Virtual Collocation Cable Records - DS1, per T1TIE	$\ \cdot\ $	AMTFS	VE1BD		2.26		2.77							
	Virtual Collocation Cable Records - DS3, per 1311E Virtual Collocation Cable Records - Fiber Cable, per 99 fiber	+	AMITS	VE 18E		94 68		77.30							
Security	records		AM I LO	ים י		5									
	Virtual collocation - Security escort, basic time, normally scheduled work hours		AMTES	SPTBX		16.96	10.75								
	Virtual collocation - Security escort, overtime, outside of normally scheduled work hours on a normal working day		AMTES	SPTOX		22.10	13.89								
	Virtual collocation - Security escort, premium time, outside of a scheduled work day		AMTFS	SPTPX		27.23	17.02								
Main	Maintenance Maintenance in CO - Basic, per half hour		AMTFS	CTRLX		27.99	10.75								
	Vrtual collocation - Maintenance in CO - Overtime, per half hour		AMTFS	SPTOM		36.56	13.89								
	Virtual collocation - Maintenance in CO - Premium per half hour		AMTFS	SPTPM		45.12	17.02								
Entr	Industrial Calcontina Cohla Installation Characa per cable	+	AMTES	ESPCX		794.22		22.54							
	Virtual Collocation - Cable Installation orling 9c, per cause Wirtual Collocation - Cable Support Structure, per cable	+	AMTES	ESPSX	18.66										
COLLOCATI	CATION IN THE REMOTE SITE. Physical Remote Site Collocation	+									\parallel				
	Physical Collocation in the Remote Site - Application Fee Cabinet Space in the Remote Site per Bay/ Rack	\parallel	CLORS	PE1RA PE1RB	246.44	308.38		168.60							
	Physical Collocation in the Remote Site - Security Access - Key		CLORS	PE1RD		13.13									
	Physical Collocation in the Remote Site - Space Availability Report ner Premises Requested		CLORS	PE1SR		116.13									
	Physical Collocation in the Remote Site - Remote Site CLLI Code Requested		CLORS	PE1RE		37.64									
	ממסילו אלו הייני בייני														

	TACCION	TION - South Carolina												Attachment: 4			
Part Part	201100	HOLL - Court Calolina	ŀ	-								Svc Order	Svc Order	ncremental		Incremental	Incremental
Part Part			_										7	,	Chaman	Charge	Charme .
Part Part													Submitted		- AGRECO		26.
Particular Par												Elec	_		Manual Svc		Manual Svc
Particular Control of Particular Control o				-	900	Joseph			RATES(\$)			as I so			Order vs.	Order vs.	Order vs.
Comparison Com	CATEGORY	RATE ELEMENTS		9	200	2	_		(1)			5			i		Clandania
No. 10, 10, 10, 10, 10, 10, 10, 10, 10, 10,			:				_								- Liectronic-	2000	
Page Page														1st	Add'i	Disc 1st	Disc Add'l
Race Class (BRSDO), pur Compact Date, part of the Search Per C			_	_													
				t				Nonrecu		Nonrecurring	Disconnect			OSSF	Rates(5)		
1.EC Date (BRSDQ), par Compact Disk, per CO CLORS PETRY 16.96 10.75 Assigner, Sewalty (Brown), per Compact Disk, per CO CLORS PETRY 22.10 13.89 10.75 Assigner, Sewalty (Brown) (Brown), per control (Brown), per Control (Brown) CLORS PETRY 22.10 13.89 17.02 Assigner, Sewalty (Brown) (Brown) CLORS PETRY 27.23 17.02 17.02 Assigner, Sewalty (Brown) CLORS PETRY 0.134 775.62 775.62 Assigner, Collectation, Petr Battle, per treater and per control (Brown) CLORS PETRY 0.134 775.62 775.62 Assigner, Collectation, Petr Battle, per treater and per control (Brown) CLORS PETRY 0.134 775.62 775.62 Algoent Collectation, Petr Battle, per appear to the petrol (Brown) CLORS PETRY 0.134 775.62 775.62 Algoent Collectation, Petr Battle, petrol (Brown) CLORS VETRS			1	t			Rec	Einet	-	First	Addi	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
Queditor Security Eacon from Security Eacon				1				1 11.00									
Acidian - Security Execut for Basis Time - normally QLORS PELIBT 16.36 10.75 Addise vertifier Security Execut for Covarine - custise of Addise vertifier and the Parties will always be a security and the parties of the Parties of the Parties will always be a secure of the parties of the Parties will always be a secure of the parties of the parties will always be a secure of the parties of the parties of the parties of the parties of the parties will negotiate appropriate rates. 7.55.62 7.55.62 Adjacent Collocation - Application Fee QLORS PETRY 0.134 7.55.62 7.55.62 Adjacent Collocation - Application Fee QLORS PETRY 0.134 7.55.62 7.55.62 Adjacent Collocation - Act Down; per breaker are proporties of the parties will only the parties will negotiate appropriate rates. QLORS PETRY 0.134 6.67.6 337.19 Adjacent Collocation - Act Down; per breaker are parties of the		Remote Site DLEC Data (BRSDD), per Compact Disk, per CO		ب	CLORS	PE1RR		234.50									
Active half hour statements of colors CLORS PEEBT 16.96 10.75 Active half hour statements of statements of statements and statements and statements and statements and statements and statements and statements and statements and statements and statements are statements and statements a		Devicinal Collocation - Security Escort for Basic Time - normally									_		_				
Apple region to Security Escort for Owertine - outside of solution with Security Escort for Owertine - outside of solution with Security Escort for Ower Region - Security Escort for Ower Region - Security Escort for Ower Region - Security Escort for Ower Region - Security Escort for Ower Region - Security Escort for Ower Region - Security Escort for Ower Region - Security Escort for Ower Region - Security Escort for Ower Region - Security Escort for Ower Region - Security Escort for Ower Region - Security Escort for Ower Region - Security Escort for Ower Region - Security Escort for Ower Region - Security Escort for Ower Region - Security Escort for Escort For Escort - Security Escort For Escort - Security Escort For Escort - Security Escort For Escort - Security Escort For Escort - Security Escort For Escort - Security Escort For Escort - Security Escort For Escort - Security Escort For Escort - Security Escort For Escort - Security Escort For Escort - Security Escort For Escort - Security Escort For Escort - Security Escort - Securit		- Lead that may not hold hour	_	٠	SACE	PE18T		16.96	10.75		_						
Station - Security Escort for Prentium Time - ducking hours on stretchied work day. QLORS PETOT 22.10 13.89 Asabion - Security Escort for Prentium Time - ducking hours on a stretchied work day. QLORS PETRT 27.23 17.02 Asabion - Security Escort for Prentium Time - ducking the properties of the previous stretchies with float QLORS PETRT 0.134 755.62 755.62 Adjacent Collocation - Real Estate, per square foot CLORS PETRT 0.134 755.62 755.62 Adjacent Collocation - AC Power, per breaker amp CLORS PETRT 0.134 615.76 337.19 Adjacent Collocation - AC Power, per breaker amp CLORS PETRS VETRG 246.44 615.76 337.19 Adjacent Collocation - AC Power, per breaker amp CLORS VETRS VETRG 246.44 61.76 337.19 Adjacent Collocation - AC Power, per breaker amp CLORS VETRS VETRG 246.44 22.25 11.89 61.42 Adjacent Losi Action - AC Power, per breaker amp CLUCRS VETRG VETRG 246.44 22.25 11.89 11.89 <		scheduled work, belitiali floui		1	200												
CLORS PETRT 22.10 13.89		Physical Collocation - Security Escort for Overtime - outside of	_											_			
CLORS PETOT CLORS PETOT CLORS		normally scheduled working hours on a scheduled work day,	_				_			_							
Collocation - Security Excort for Premium Time - a Callons with 39, per half hour CLORS PETRU 755.02 755.02 755.02 Adjacent Collocation - Real Estate, per aquare book CLORS PETRY 0.134 755.02 755.02 Adjacent Collocation - Real Estate, per aquare book CLORS PETRS 6.27 755.02 Adjacent Collocation - Real Estate, per aquare book CLORS PETRS 6.27 337.19 Adjacent Collocation - Real Estate, per aquare book VETRS VETRS VETRS 9.64.44 616.76 337.19 Adjacent Collocation - Real Estate, per aquare book VETRS VETRS VETRS 9.64.44 616.76 337.19 Adjacent Collocation - Real Estate, per advantable Metal of Space VETRS VETRS VETRS 9.64.44 616.76 337.19 Adjacent Collocation - Real Estate, per advantable Metal of Space VETRS VETRS VETRS 118.22 118.22 6.44 Coll Code VETRS VETRS VETR 75.27 118.0 6.04 CLI Code Requested CLUDAC PETUR 1.400		por half bour			CLORS	PE10T		22.10	13.89	-							
PETRY PAGE		Delication of the County of Time		T						-							
Collection		Physical Colocalon - Security Escurior Figure 1			000	0170		27.03	17.02								
CLORS PETRU 755.62 755.62		outside of scheduled work day, per half hour		1	LURS	7		77.75	30.								
Adjacent Collocation Application Fee CLORS PETRU 0.134 755.62 756.62 Adjacent Collocation - Real Estate, per square foot CLORS PETRT 0.134 755.62 756.62 Adjacent Collocation - Real Estate, per square foot CLORS PETRS 6.27 6.27 6.27 Council Control Collocation - AC Power, per breaker amp ation in the Remote Site - Application Fee VETRS VETRS VETRS VETRS 246.44 232.25 ation in the Remote Site - Per Bay/Rack of Space Availability Report VETRS VETRS VETR 232.25 CLIL Code Requested ation in the Remote Site - Per Bay/Rack of Space Availability Report VETRS VETR 222.25 CLIL Code Requested ation in the Remote Site - Per Bay/Rack of Space Availability Report VETRS VETR 222.25 CLIL Code Requested ation in the Remote Site - Per Bay/Rack of Space Availability Report VETRS VETR 222.25 CLIL Code Requested ation in the Remote Site - Per Bay/Rack of Code Availability Report VETRS VETR 222.25 CLIL Code Requested ation in the Remote Site - Conservation - Ling of Code Requested ation in the Remote Site - Remote Site - Code Connect CLOAC PE	Adiac	ant Remote Site Collocation															
Epison Collocation - Real Estate, per equate foot CLORS PEFRT 0.134 Adjacent Collocation - Real Estate, per equate foot CLORS PEFRS 6.27 337.19 Cool Control of Add'l Engineering Fees become necessary for adjacent remote site collocation, the Parties will ingociate appropriate rates. VETRS VETRS VETRS VETRS VETRS VETRS 337.19 ation in the Remote Site - Application Fees become necessary for adjacent remote site onlocation. VETRS VETRS VETRS VETRS VETRS 246.44 337.19 ation in the Remote Site - Per Bay/Rador of Space adjaton in the Remote Site - Per Bay/Rador of Space Availability Report VETRS		Domoto Sta Adjacent Collocation, Application Fee		٦	LORS	PE1RU		755.62	755.62								
Adjacent Collocation - Real Estate, per aguare foot CLORS PETRS 6.27 Adjacent Collocation - Real Estate, per aguare foot CLORS PETRS 6.27 Adjacent Collocation - A Power, per breaker amp CLORS PETRS VETRS VETRS Controcation - Act I Engineering Fees become necessary for adjacent remote site of collocation - Application Fee VETRS VETRS VETRS VETRS VETRS S22.25 alon in the Remote Site - Per Bay/Ractor Space Availability Report at the Remote Site - Per Bay/Ractor Space Availability Report at the Remote Site - Per Bay/Ractor Space Availability Report - VETRS VETRS		Marine ordered concentration and an arrangement		Ì													
Adjacent Collocation - Real Estate, per State and State and Collocation - Real Estate, per square book CLURS PETRI DESTRICTION CLURS PETRI DESTRICTION CLURS PETRIC 246.44 272.25 337.19 Adjacent Collocation and Integration Fee VETRS VETRS VETRS 246.44 252.25 337.19 Astron in the Remote Site - Application Fee VETRS VETRS VETRS VETRS 222.25 Astron in the Remote Site - Peace Availability Report VETRS VETRS VETRS VETRS VETRS CLI Code Requested Remote Site - Rem						10710	7070					_					
Aggleant Collocation - AC Power, per breaker amp contracted and and for Addit Engineering Fees become necessary for adjacent remote site collocation, the Parties will inegotiate appropriate rates. ELIRS PETRS 6.27 337.19 Collocation - AC Power, per breaker and for Addit Engineering Fees become necessary for adjacent remote site collocation in the Remote Site - Application Fee VETRS VETRS VETRC 246.44 337.19 ation in the Remote Site - Per Bay/Fack of Space along in the Remote Site - Per Bay/Fack of Space Availability Report VETRS VETRR 222.25 222.25 ation in the Remote Site - Per Bay/Fack of Space Availability Report VETRS VETRR 75.27 222.25 CLI Code Requested VETRS VETRR VETRR 75.27 22.25 CLI Code Requested VETRS VETRR 75.27 22.25 CLI Code Requested VETRS VETRR 75.27 22.25 CLI Code Requested VETRS VETRL 75.27 11.80 6.04 CLI Code Requested VETRS VETRL 75.27 11.80 6.04 CLI Code Requested VETRS VETRL 75.27 11.80 6.04		Remote Site-Adjacent Collocation - Real Estate, per square foot			LORS	ב ה	5										
Adjacent Collocation - AC Power, per breaker amp contained and could add the follocation and contained and contained and could be a set Amp coation - 120/V. Three Phase Standby Power Rate CLORS PETIRS BETURE 6.27 S37.19 ation in the Remote Site - Application Fee ation in the Remote Site - Per Bay/Rack of Space Availability Report ation in the Remote Site - Per Bay/Rack of Space Availability Report ation in the Remote Site - Per Bay/Rack of Space Availability Report Action in the Remote Site - Per Bay/Rack of Space Availability Report Action in the Remote Site - Per Bay/Rack of Space Availability Report Action in the Remote Site - Per Bay/Rack of Space Availability Report Action in the Remote Site - Per Bay/Rack of Space Availability Report Action in the Remote Site - Per Bay/Rack of Space Availability Report Action in the Remote Site - Per Bay/Rack of Space Availability Report Action in the Remote Site - Per Bay/Rack of Space Availability Report Action in the Remote Site - Per Bay/Rack of Space Availability Report Action in the Remote Site - Per Bay/Rack of Space Availability Report Action in the Remote Site - Per Bay/Rack of Space Availability Report Action in the Remote Site - Per Bay/Rack of Space Availability Report Action in the Remote Site - Per Bay/Rack of Space Availability Report Action in the Remote Site - Per Bay/Rack of Space Availability Report Action and Space Availability Report Action and Space Availability Report Rate CLOAC PETJN In General Terms and Conditions. PETJN In General Terms Space Availability Report Rate CLOAC PETJN In General Terms and Conditions. PETJN In General Terms Space Availability Report Rate Terms and Conditions. PETJN In General Terms Space Availability Report Rate Terms and Conditions. PETJN In General Terms Space Availability Report Rate Terms and Conditions. <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								_									
Control and outcome and a control and control and a control and control and a control a control and a control and a control and a control and a control a contr		Down nor breaker ann	_		CRS	PE1RS	6.27										
Coloration of Add Tengine And Section Processary of Superior Income And Tengine		Indiana di programa		on the comoton	oration the	Darties will near	otiate annrong	iate rates.									
Collocation Cellocation VETRS VETRB 616.76 337.19 attorn in the Remote Site - Per Bay/Fack of Space Availability Report attorn in the Remote Site - Per Bay/Fack of Space Availability Report attorn in the Remote Site - Per Bay/Fack of Space Availability Report Rate Closs-Connects Closs-Connec	NOTE	: If Security Escort and/or Add'I Engineering rees become nec	essary ro	ad ac	cent remote site co.	Deathon, un	L al ues will lies	מומנם משמיום									
ation in the Remote Site - Application Fee VETRS VETRS VETR 246.44 337.19 ation in the Remote Site - Per Bay/Rack of Space and Site of the Construction obtains in the Remote Site - Space Availability Report requested VETRS VETR 222.25 222.25 cequested constition in the Remote Site - Remote Site - CLLI Code Requested VETRS VETRL 75.27 75.27 CLLI Code Requested VETRS VETRL 75.27 72.25 74.0 CLLI Code Requested VETRS VETRL 75.27 74.0 74.0 CLLI Code Requested VETRS VETRL 75.27 74.0 74.0 CLLI Code Requested CLOAC PETUA 0.0353 7.4 7.4 CLLI Code Requested CLOAC PETUA 0.0264 12.32 11.83 6.04 CLLI Code Requested USL USL USL 1.0 2.0 1.0 1.0 CLLI Code Requested USL USL USL 1.0 0.0264 1.2 1.1 1.0 1.0 1.0 1.0 1.0	Virtua	Il Remote Site Collocation															
ation in the Remote Site - Per Bay/Rack of Space VETRS VETRC 246.44 75.27 Action of Control of Contro		Mirtual Collocation in the Remote Site - Application Fee		ĺ	/E1RS	VE1RB		616.76		337.19							
Action The Remote Site - Per Bay/Rack of Space VETRS VETRS VETRR Z22.25																	
Action The Remarks Site - Feb cayridatival Uspace Tentor T		Control of the Charles			70,00	VE180	246.44	-									
Action The Remate Site - Space Availability Report VETRS VETRE		Virtual Collocation in the Remote Site - Per bay/hack of Space		1	VE 1130	2											
PETRS VETRK VETKK VETK		Virtual Collocation in the Remote Site - Space Availability Report	_														
State Clark Code Petude Clark Code Petude Clark Code Petude Clark Clar		per Premises requested			VE1RS	VETKK		67.767									
CLI Code Requested VE.RRS VE.RRI 75.27 Ocation - Space Charge per Sq. Ft. CLOAC PE1JA 0.0939 Ocation - Electrical Facility Charge per Linear Ft. CLOAC PE1JA 0.0939 Ocation - Electrical Facility Charge per Linear Ft. CLOAC PE1JA 0.0964 12.32 11.83 6.04 Ocation - Lawire Cross-Connects CL, UAL, UHL, UDI, UCL PE1JF 0.0267 12.42 11.90 6.40 Ocation - DSI Cross-Connects UE3 PE1JH 14.00 20.94 15.36 6.40 Ocation - DSI Cross-Connects UE3 PE1JH 14.00 20.94 15.39 7.39 Ocation - Affier Cross-Connects CLOAC PE1JH 4.53 22.06 6.40 Ocation - Affier Cross-Connects CLOAC PE1JH 4.53 2.37 20.94 15.30 9.73 Ocation - Affier Cross-Connects CLOAC PE1JK 4.53 26.61 19.90 9.73 Ocation - Affier Cross-Connect CLOAC PE1JK 4.53 26.61 19.90		Virtual Collocation in the Remote Site - Remote Site CLLI Code															
Coation - Space Charge per Sq. Ft. CLOAC PE1JA 0.0939 coation - Space Charge per Sq. Ft. CLOAC PE1JA 0.0939 coation - Electrical Facility Charge per Linear Ft. CLOAC PE1JG 6.40 coation - 2.Wire Cross-Connects UEAULUDL, UCL PE1JF 0.0527 12.32 11.83 6.04 coation - 2.Wire Cross-Connects UEAULUDL, UCL PE1JF 0.0527 12.42 11.90 6.42 coation - 2.Wire Cross-Connects UEAULL, UDL, UCL PE1JF 0.0527 12.32 1.36 6.42 coation - 2.Fiber Cross-Connects UEAULL, UDL, UCL PE1JF 0.0527 1.53 7.30 coation - 2.Fiber Cross-Connects UEAULL, UDL, UCL PE1JF 1.03 20.94 15.23 7.40 coation - 2.Fiber Cross-Connect UCAC PE1JH 4.53 25.61 19.90 9.73 coation - 2.Fiber Cross-Connect CLOAC PE1JH 4.53 25.61 19.90 9.73 coation - 2.VIV Single Phase Standby Power Rate CLOAC PE1JH 17.03 17.560.20 15.60.20 coa		Defended of Control of			/F18S	VE1R		75.27									
coation - Space Charge per Sq. Ft. CLOAC PE1JA 0.0939 cotation - Electrical Facility Charge per Linear Ft. CLOAC PE1JC 6.40 cotation - Electrical Facility Charge per Linear Ft. CLOAC PE1JC 6.40 cotation - Law Line Cross-Connects CL, UAL, UDL, UCL PE1JF 0.0264 12.32 11.83 6.04 cotation - Law Feel Cross-Connects UE3 PE1JH 14.00 20.94 15.36 5.40 cotation - DS1 Cross-Connects UE3 PE1JH 14.00 20.94 15.39 7.40 cotation - Law Cross-Connects UE3 PE1JH 4.53 2.09 15.30 7.40 cotation - Law Cross-Connects CLOAC PE1JH 4.53 2.56.1 19.90 9.73 cocation - Application Fee CLOAC PE1JH 4.53 2.56.1 19.90 9.73 cocation - 120V, Single Phase Standby Power Rate CLOAC PE1JH 11.36 11.360.20 1.580.20 1.580.20 1.580.20 1.580.20 1.580.20 1.580.20 1.580.20 1.580.20 <td></td> <td>Meddlest, per occi nequested</td> <td></td> <td>T</td> <td></td>		Meddlest, per occi nequested		T													
PE-UA U0939 PE-UC 6-40 UEA-U UNDA PETUC 6-40 LUCID PETUC 0.0264 12.32 11.83 6.04 LUCID PETUF 0.0627 12.42 11.90 6.42 PETUC 0.027 12.06 15.96 6.42 PETUC 2.037 20.94 15.23 7.40 PETUC 4.53 25.61 19.90 9.73 PETUC 4.55 25.61 19.90 9.73 PETUC 5.67 17.80 9.73 PETUC 11.36 PETUC 39.33 set forth in General Terms and Conditions.	ADJACENT C	COLLOCATION					0000										
PEUC 640 PEUC 640		Adjacent Collocation - Space Charge per Sq. Ft.		-	CLOAC	PE1JA	0.0938						1				
UCAU PEUE 0.0264 12.32 11.83 6.04 LUCI PEUF 0.0627 12.42 11.90 6.40 LUCI PEUF 1.03 22.08 15.96 6.42 PETU 2.37 22.09 15.29 7.40 PETU 4.53 25.61 19.90 9.73 PETU 5.67 17.80 20 PETU 5.67 17.80 20 PETU 11.36 PETU 39.33 set forth in General Terms and Conditions.		Adjacent Collocation - Electrical Facility Charge per Linear Ft.		Ĭ	CLOAC	PE1JC	6.40										T
UEA,U PETJE 0.0264 12.32 11.83 6.04 LUCIC PETJF 0.0627 12.42 11.90 6.40 PETJG 1.03 22.08 15.96 6.42 PETJH 14.00 20.94 15.23 7.39 PETJH 4.00 20.94 15.23 7.40 PETJH 4.567 15.80.20 9.73 PETJH 5.67 PETJH 5.67 PETJH 17.36 PETJH 17.38 PETJH 17.03 set forth in General Terms and Conditions.				T													
Compared by the control of the con				_	- VLI - CLI - 17 VLI												_
LUCI PELUE 0.0264 12.32 11.05 6.40 LUCI PELUE 0.0264 12.42 11.00 6.40 PELUG 1.03 22.08 15.96 6.42 PELUU 2.034 15.23 7.39 PELUU 4.37 20.94 15.23 7.40 PELUU 4.37 20.94 15.23 7.40 PELUL 5.67 1.580.20 PELUL 5.67 PELUL 5.67 PELUL 5.67 PELUL 6.67 P					DEAINT, OEC., OEA, O		000		0	0	47						
L, UCL PE LJF		Adjacent Collocation - 2-Wire Cross-Connects	-	_	CL, UAL, UHL, UDN	PEIJE	0.0204	75.77	30.	500	2						
PEIJG 1.03 22.08 15.96 6.42 PEIJH 14.00 20.34 15.23 7.39 PEIJK 4.53 22.64 19.90 9.73 PEIJK 4.53 25.61 19.90 9.73 PEIJK 5.67 1.580.20 PEIJK 17.03 PEIJK 17.03 PEIJK 17.03 Set forth in General Terms and Conditions.		Adjacent Collocation - 4-Wire Cross-Connects		_	UEA, UHL, UDL, UCL	PE1JF	0.0527	12.42	11.90	6.40			1				
PETJH 14,00 20,94 15,23 7,39 FETJU 2,37 20,94 15,23 7,40 FETJU 4,53 2,561 19,90 9,73 FETJE 4,580,20 1,580,20 PETJE 5,67 1,580,20 FETJE FETJE 11,36 FETJE FETJE 17,03 FETJE FETJE Set forth in General Terms and Conditions.		Adiagont Collocation - DS1 Cross-Connects		ĺ	157	PE1JG	1.03	22.08	15.96	6.42							
PETJJ 237 20.94 15.23 7.40 PETJK 4.53 25.61 19.90 9.73 PETJB 1,580.20 1,580.20 PETJR PETJR 11.36 PETJM 11.36 PETJR PETJR PETJR PETJR PETJR PETJN 17.03 PETJR PETJR PETJR PETJR PETJR		Adjacent Collection DOS Creek Connects		Ī	JE3	PF1.IH	14.00	20.94	15.23	7.39	_						
PETUK 4.53 25.61 19.90 9.73 PETUK 4.53 1.580.20 PETUK 5.67 PETUK 11.36 PETUK 17.03 PETU 39.33 set forth in General Terms and Conditions.		Adjacent Collocation - Doo Closs-Colliferts		Ť	0000	DE4	2 3 7	20 07	15 23	7.40							
PE1JK 4.53 1.580.20 PE1JB 1.360.20 PE1JL 5.67 PE1JN 17.03 PE1JO 39.33 set forth in General Terms and Conditions.		Adjacent Collocation - 2-Fiber Cross-Connect			CLUAC	3	7.7.	20.07	24.0	22.0	90 0						
PE1JB 5.67 PE1JL 5.67 PE1JM 11.36 PE1JN 17.03 PE1JO 39.33 Set forth in General Terms and Condition		Adjacent Collocation - 4-Fiber Cross-Connect		_	CLOAC	PE1JK	4.53	25.61	19.90	9.73	9.40						
		Adjacent Collocation - Application Fee			CLOAC	PE1JB		1,580.20									
		Adjagent Collection 1201/ Single Dhase Standby Dower Rate															
		Adjacent Control - 120V, Original Hase Standay Lond Land			24010	PF1.	5.67										
		per AC Breaker Amp		1	CLOAD	1,1											
		Adjacent Collocation - 240V, Single Phase Standby Power Rate				, Luc	11.38										
		per AC Breaker Amp			CLUAC	NC U	200	-									
		Adjacent Collocation - 120V, Three Phase Standby Power Rate															
		per AC Breaker Amp		-	CLOAC	PE1JN	17.03										
		Adjacent Collocation - 277V, Three Phase Standby Power Rate					_										
		per AC Breaker Amp				PE1J0	39.33						1				
	TOM	- Dates displaying an "P" in the interim column are interim an	dsubject	t to rate		th in Genera	Terms and Con-	ditions.		_							

Page 42 of 48

OFFICE		inetral					(\$)39140			Svc Order Submitted Elec	Svc Order Submitted Manually	= 0		Charge - Manual Svc	Charge - Manual Svc
CATEGORY	RATE ELEMENTS		Zone	BCS	OSOC		KA (E3(4)	-		per LSR	per LSK	Order vs. Electronic- 1st	Electronic- Add'i	Electronic- Disc 1st	Electronic-
			+				Nonrecurring	Nonrecurris	Nonrecurring Disconnect			OSS Rates(\$)	Rates(\$)		
						Rec	First Add'l	First	Add'I	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
MILES CONTRACTOR	MOLENCE		+												
AYSICAL CO	LLUCATION	I													
Applecation	Physical Collocation - Cageless - Application Fee		CLO		PE1CH		2,633.00								
	Physical Caged Collocation-App Cost(initial & sub)-Planning,		CID		PE1AC	16.16	2,903.66								
	Physical Collocation - Co-Carrier Cross Connects/Direct		3		1070		00 383								
	Connect, Application Fee, per application Physical Collocation - Power Reconfiguration Only, Application		3				00000								
1	Fee	1	000		7 2		743.25								
Space	Physical Collocation Administrative Unly - Application Fee Space Preparation		3		201										
	Physical Caned Collocation-Space Prep-Grounding, per location		GLO GLO		PE1SB	4.32			,						
	Physical Collocation, Caged Collocation - Space Prep-Power Cable 40 AMP includes 20 AMP A and B Feed		oro		PE1SN		142.40								
	Physical Collocation, Caged Collocation - Space Prep-Power		2		PE150		185.72								
	Physical Collocation, Caged Collocation - Space Prep-Power		3 6		06190		242.05								
	Cable, 200 AMP, includes 100 AMP. A and b reco				000	110 97									
	per first 100 sq. ft. Phycical Caged Collocation-Space Enclosure-Cage Preparation,		3		2	6.0									
	per add"1 50 sq. ft.		잉		PE1S5	55.49									
	Physical Caged Collocation-Floor Space-Land & Buildings, per sq. ft.		CLO		PE1FS	5.94									
	Physical Collocation - Cageless - Floor Space, per sq. ft.		900		PE1ZB PE1PJ	3.91									
	Physical Collocation - Space Enclosure, welded wire, first 50		ī		DE1BX	PO 701									
	Syluare rest. Physical Collocation - Space enclosure, welded wire, first 100				01.00 M	219 53							ļ		
	square feet Physical Collocation - Space enclosure, welded wire, each				7 7 7	24.44									
	additional 50 square feet Physical Collocation - Space Preparation - C.O. Modification per		2 5		DE 100	27.7									
+	square II. Physical Collocation - Space Preparation, Common Systems		7 6		100	300									
	Modifications-Cageless, per square foot Physical Collocation - Space Preparation - Common Systems	1	2		1515	2007									
	Modifications-Caged, per cage Physical Collocation - Space Preparation - Firm Order		3 0		T 10 P	200	204.00								
	Processing Physical Collocation - Space Availability Report, per Central	_	3 3		PE 1SR		2.027.00								
Power	_														
			CLO		PE1PL	8.87									
	Physical Collocation - Power, 120V AC Power, Single Phase, per Breaker Amo		CLO	.=	PE1FB	5.60									
	Physical Collocation - Power, 240V AC Power, Single Phase, per Breaker Amp		CLO		PE1FD	11,22									
	Physical Collocation - Power, 120V AC Power, Three Phase, per Breaker Amp	<u>.</u>	CLO		PE1FE	16.82									
	Physical Collocation - Power, 277V AC Power, Three Phase, per Breaker Amp	_	CLO		PE1FG	38.84									
	Physical Caged Collocation-Power-Power Construction, per amp DC plant	d	ОГО		PE1PN	3.55									
-	Devision Collection-Power Consumption ner amn														

Version: 4Q04 Standard ICA 12/09/04

COLLOCAT	COLLOCATION - Tennessee												Attachment: 4			104000000000
											Svc Order	Svc Order	-	<u> </u>		Charac
		Interi						400					Charge - Manual Svc	Manual Svc	Manual Svc	Manual Svc
CATEGORY	RATE ELEMENTS		Zone	BCS	osn			(*)63			per LSK		Flectronic-	Electronic-	Electronic-	Electronic
													1st	Add'l	Disc 1st	Disc Add'!
							Nonrecurring		Nonrecurrin	Nonrecurring Disconnect			SSO	OSS Rates(\$)		141100
			Ĭ		05730	Kec 6 70	First	Add'l	First	Add'i	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAIN
	Physical Collocation - Cageless - Power, per Fused Amp Dhysical Collocation - Meter Reading - per CLEC per CO. First				75.15.0	ò										
	12 Circuits w/BST Meter		Ĭ	CLO	PE1F0	102.24										
	Physical Collocation - Meter Reading -per CLEC per CO, per Fach Additional 2 Circuits w/BST Meter			CLO	PE1FP	8.94										
	Physical Collocation - Meter Reading - per CLEC per CO, First				PE1FQ	98.25										
	Physical Collocation - Meter Reading - per CLEC per CO, per Fach Additional 2 Circuits wiCLEC Meter				PE1FR	8.94										
	Physical Collocation - Additional Meter Reading Trip Charge, per Central Office ner Occurrence		Ľ		PE1FM		307.64									
Cross	Cross Connects (Cross Connects, Co-Carrier Cross Connects, and Ports)	Ports)														
	Physical Collocation - 2-wire cross-connect, loop, provisioning			EA, UCL, UDN,	PE1P2	0.033	33.82	31.92								
	Physcial Collocation - Cageless - 2-Wire Cross-Connects				PE1ZD	0.57	11.62	06.6	10.38	8.66						
	Physical Collocation - 4-wire cross-connect, loop, provisioning			UEA, UHL, UNCVX, UNCDX, UCL, UDL	PE1P4	0.066	33.94	31.95							į	
	Physical Collocation - Cageless - 4-Wire Cross Connects			UNCVX, UNCDX,	PE1ZE	0.57	11.81	10.04	10.44	8.6/						
	Physical Collocation -DS1 Cross-Connect for Physical			WDS1L, WDS1S, WXTD1, ULDD1, ULDD1, UTD1, UNC1X, UEPSR, UEPSB, UEPSB, UEPSB, UEPSB, UEPSB, UEPSC, UEPDX	PE191	1.5.1	53.27	40.16								
	Simple and the second s			WDS1L, WDS1S, UXTD1, ULDD1, USLEL, UNLD1, HEPEY, HEPDX	DE 17E	-	32.22	17.76	10.46	8.75						
	Physical collocation - Caggless - DS1 Cross Confects			UE3. UTD3. UXTD3. UXTS1. UNC3X. UNCSX. ULD03. U1TS1. ULD05. UNLD3. UEPEX. UEPDX.	- 1 1 2 2	90 00	59.77	88								
				UE3,UTD3, UXTD3, UXTS1, UNC3X, UNCSX, ULD03, UTS1,ULDS1,	05170	5 33	79 96		12.03	о о						
	Physical Collocation - Cagaless - LOS Crios Confects Physical Collocation - 2-Filter Cross-Connect			CLC, ULDO3, ULD12, ULD48, UTO3, U1T12, UT48, UDLO3, UDL12, UDF	PE1F2	15.64	41.56	29.82	12.96				2.69	2.69	1.56	1.56
	Physical Collocation - Cageless - 2 Fiber Cross Connect			CLO, ULDO3, ULD12, ULD48, U1TO3, U1T12, U1T48, UDLO3, UDL12, UDF	PE1CK	3.03	41.56	29.82	12.96	10.34						

Beth RATES(\$) PETF4 28.11 So.53 38.78 Nonrecurring PETCL 6.06 50.53 38.78 First Add'I First PETCL 6.06 50.53 38.78 38.78 38.78 PETCL 6.06 50.53 38.78 31.92 PETCL 0.0045 7.68 31.92 PETCL 0.0475 7.68 41.65 PETIC 0.0476 7.68 41.65	14201102	ON Tonnoccoo											٩	Attachment: 4	-		
Private Coloration - Ligher Consectorment Private Coloration - Ligher Consectorment Private Coloration - Ligher Consectorment Coloration - Ligher Coloration - Ligher Coloration - Ligher Consectorment Coloration - Ligher - Coloration - Ligher Coloration - Ligher Coloration - Ligher - Coloration - Ligher - Coloration - Ligher - Coloration - Ligher - Coloration - Ligher - Coloration - Ligher - Coloration - Ligher - Coloration - Ligher - Coloration - Ligher - Coloration - Ligher - Coloration - Ligher - Coloration - Ligher - Colorati	COLLOCAL	Doccord - NOI	-	-								Svc Order	Svc Order	Incremental Incremental	ncremental	75	Incremental
Physical Calculation - Laber Consistence						•						Submitted Submitted		Charge - Charge - Charge - Manual Svc Manual Svc	Charge -		Charge - Manual Svc
The control of the	CATEGORY			90.0	BCS	nsoc		_	RATES(\$)			œ		Order vs.	Order vs.		Order vs.
Note			E										<u></u>	Electronic-	Electronic- Add'l	Electronic- Disc 1st	Electronic- Disc Add'l
ULDOS, ULDUZ, ULDOS, ULDUZ, ULDOS, ULDUZ, ULDOS, ULDUZ, ULDOS, ULDUZ, ULDOS, ULDUZ, ULDOS, ULDUZ, ULDOS, ULDUZ, ULDOS, ULDUZ, ULDOS, ULDUZ, ULDOS, ULTOS, ULDOS, ULTOS, ULDOS, ULTOS,				$\frac{1}{1}$				practitring		Nonrecurring	Disconnect			A SSO	tates(\$)		
ULDAS ULDTZ ULDAS ULDTZ ULDAS ULDTZ ULDAS ULDTZ ULDAS ULDTZ ULDAS ULDTZ ULDAS ULDTZ ULDZ ULDZ ULDZ ULDZ ULDZ				-				First	П	First	Add'1	SOMEC	SOMAN	SOMAN	AN SOMAN	SOMAN	SOMAN
ULDOS, ULDOZ,		Physical Collocation - 4-Fiber Cross-Connect		UDE CEP		PE1F4	28.11	50.53	38.78	16.97	14.35			2.69	2.69	1.56	1.56
CLO PETES 0.0013 CLO PETEN 0.0031 CLO PETDS 0.0019 CLO PETDS 0.0019 CLO PETDS 0.0019 CLO PETDS 0.0019 CLO PETRA 0.066 33.94 UEPSK UEPDO PETRA 0.066 33.94 UEDSK UEPDO PETRA 0.066 33.94 UEDSK UEPDO PETRA 0.066 33.94 UEDSK UEPSK UEPDO PETRA 0.066 33.94 UEDSK UEPSK UEPSK 0.003 33.82 UEDSK UEPSK UEPSK 0.003 33.82 UEDSK UEPSK UEPSK 0.00475 7.68 UEJUTDS, UNCSK ULDS, DETIC 0.0475 7.68 UEJUTDS, UNCSK ULDS, DETIC 0.0475 7.68 UEJUTDS, UNCSK ULDS, DETIC 0.0475 7.68 UEJUTDS, UNCSK ULDS, UNCSK ULDS, UTTS, UNCSK ULDS, UNTS, UNCSK ULDS, UTTS, UNCSK ULDS, UTTS, UNCSK ULDS, UNTS, UNCSK ULDS, UNTS, UNCSK ULDS, UNTS, UNCSK UNCSK, ULDS, UNTS, UNTS, UNTS, UNCSK, ULDS, UNTS,		Physical Collocation - Caceless - 4-Fiber Cross-Connect		<u> </u>		PE1CL	6.06	50.53	38.78	16.97	14.35						
CLO PELDS 0.0031 CLO PELDS 0.0019 CLO PETZJ 0.0045 UEPSR, UEPSP, UEPSP, UEPSR, UEPSP 0.0033 33.82 UEPSK, UEPDD PETRA 0.066 33.94 UEPSK, UEPDD PETRA 0.066 33.94 UERSK, UEPDE 0.067 UERSK, UEPDE		Physical Collocation - Co-Carrier Cross Connects/Direct Connect - Fiber Cable Support Structure, per linear foot, per cable.		OLO		PE1ES	0.0013										
CLO PETDS 0.0019 CLO		Physical Collocation - Cageless - Co-Carrier Cross Connects - Fihar Cable Support Structure, per linear foot, per cable.		010 010		PE1ZH	0.0031										
CLO		Physical Collocation - Co-Carrier Cross Connect/Direct Connect - Copper/Coax Cable Support Structure, per linear foot, per cable.		GLO GLO		PE1DS	0.0019										
UEPSR_UEPSP_ UEPS		Physical Collocation - Cageless - Co-Carrier Cross Connects - Copper/Coax Cable Support Structure, per linear foot, per cable.		CLO		PE12J	0.0045										
UEDEX UEPDD PERRA 0.066 33.94		Physical Calocation 2-Wire Cross Connect. Port				PE1R2	0.033	33.82	31.92					20.35	10.54	13.32	1.40
UKTD3, UKTS1, UKTD3, UKTS1, UNC3X, UNC3X, UNC3X, UNC3X, UNCD3, UN		Physical Collocation 4-Wire Cross Connect, Port		UEP.	1 1	PE1R4	0.066	33.94	31.95				1	20.35	10.54	13.32	1.40
UE3.UTD3, UNTD3, UNTS1, UNCSX, UN		Physical Caged Collocation-2-wire Cross Connects-Voice Grade circuits, per circuit.		UE3 ULDI ULDI ULTE	,U1TD3, D3, UXTS1, :3X, UNCSX, D3, S1,ULDS1,	PE12C	0.0475	7.68									
UEBUITD3, UNC3X, UNCSX, UNCSX, UNCSX, UNCSX, UNCSX, UNCSX, UNCD3, UNLD3, UNLD3, UNCSX, UNCSX, UNCSX, UNCSX, UNCD3, UNTS1, UNCSX, UNCD3, UNTS1, UNCD3, UNCSX, UNCD3X, UNCSX, UNCD3X, UNCSX, UNCS		Physical Caged Collocation 4-wire Cross Connects-Voice Grade circuits, per circuit.		ULD U	,U1TD3, D3, UXTS1, 33X, UNCSX, D3, S1,ULDS1,	PE14C	0.0475	7.68		-							
UE3,U1T03, UNC34, UNC34, UNC34, UNC34, UNC34, ULD03, UTTS1,ULDS1, UNLD3, UNTS1,ULDS1, UNLD3, UNL		Physical Caged Collocation-DS1 Cross Connects-connection to DCS. per circuit.		UNC CED	,U1TD3, D3, UXTS1, 33X, UNCSX, D3, S1,ULDS1, D3	PE11S	7.68	41.65									
UNTS1, UNC3X, UNCSY, ULD33, UNTS1, ULD31, UNLD31, UNTD3, UNTD3, UNTS1, UNC3X,		Physical Caged Collocation-DS1 Cross Connects-Connection to DSX, per circuit.		UNC UNC UNC UNC	;U1TD3, D3, UXTS1, 33X, UNCSX, ID3, S1,ULDS1, D3	PE11X	0.38	41.65									
		Physical Caged Collocation-DS3 Gross Connects-Connection to DCS, per circuit.		TXU UNO ELU	D3, UXTD3, S1, UNC3X, SX, ULDD3, S1,ULDS1, D3	PE13S	53.96	298.03									
Physical Caged Collocation-DS3 Cross Connects-Connection to UNICS1, ULDS1, PE13X 9.32 298.03 UNILD3 UNILD3		Physical Caged Collocation-DS3 Cross Connects-Connection to DSX, per circuit.		L C UNC	U1TD3, UXTD3, UXTS1, UNC3X, UNCSX, ULDD3, U1TS1,ULDS1, UNLD3	PE13X	9.32	298.03									

Page 45 of 48

1400	COLLOCATION Temporon										Attach	Attachment: 4	ă		
COLLOCAL	ion - Lennessee	-							Svc		٠.	=	emental		Incremental
									Subr	Submitted Submitted Elec Manually		Charge - Ch Manual Svc Man	Charge - (Manual Svc Mi	ن	Charge - Manual Svc
CATEGORY	RATE ELEMENTS	Interi Zo	Zone BCS	USOC			RATES(\$)		ed.	œ				Order vs. Electronic- Disc 1st	Order vs. Electronic- Disc Add'l
		+			,	Nonrecurring	-	Nonrecurring Disco	+		4	OSS Rates(\$)	┨╏		
		H			£	First	Add'I	First Add'l	+	SOMEC SOMAN	4	SOMAN	+	SOMAN	SOMAN
Securit	ty Dhysical Canad Collocation-Security Access-Access Cards, Der	+										-			
	5 Cards		aro	PE1A2		76.10									
	Physcial Collocation - Cageless - Security Escort - Basic, per Half Hour		CLO	PE1ZM		33.15	20.44								
	Physical Collocation - Cageless - Security Escort - Overtime, per		OTO	PE1ZN		41.50	25.61								
	rate from the second of the se	 	0	PE120		49.86	30.79								
	har nour Physical Collocation - Security Escort for Basic Time - normally Physical under not half hour	-	000	PE1BT		33.91	21.49								
	surfacement moving the second for Overtime - outside of Physical Collocation - Security Escont for Overtime - outside of normally scheduled working hours on a scheduled work day,	-	5	1013		44 17	97.76								
	per haff hour Physical Collocation - Security Escort for Premium Time - outside of exhedited work day har har half hour		CIO CIO	PE1PT		54.42	34.02								
	Organical Collocation - Security Access System - Security System ner Central Office	-	CLO	PE1AX	55.99										
	Physical Collocation -Security Access System - New Card Physical Collocation -Security Access System - New Card Activation - per Card Activation (First) ner State		010	PE1A1	0.059	19:59									
	Physical Colocation-Security Access System-Administrative Chance existing Access Card, ner Reminet ner State, per Card		070	PE1AA		15.61									
	Physical Collocation - Security Access System - Replace Lost or Stolen Card, per Card	-	CI.O	PE1AR		45.64									
	Physical Collocation - Security Access - Initial Key, per Key	-	CLO	PE1AK		26.24						1	+		
	Physical Collocation - Security Access - Key, Replace Lost or Stolen Key, per Key		cro	PE1AL		26.24									
CFA	Division Collection - CEA Information Record Remost nar								-	-					
	premises, per arrangement, per request		OLO	PE109		77.67									
Cable	Cable Records [Physical Collocation - Cable Records, per request	+	CLO	PE1CR		1,711.00									
	Physical Collocation, Cable Records, VG/DS0 Cable, per cable record marinim 3600 records		OTO	PE1CD		925.06					ļ				
	Physical Collocation, Cable Records, VG/DS0 Cable, per each 100 pair		CLO	PE1CO		18.05									
	Physical Collocation, Cable Records, DS1, per 71 TE Physical Collocation, Cable Records, DS3, per 73 TE	\parallel	000	PE1C1 PE1C3		29.57									
	Physical Collocation - Cable Records, Fiber Cable, per cable record (maximum 99 records)		CLO	PE1CB		279.42					-				
Virtua	Virtual to Physical Physical Collocation - Virtual to Physical Collocation Relocation, Physical Collocation - Virtual to Physical Collocation Relocation,	-	CLO	PE18V		33.00									
	Physical Collocation - Virtual to Physical Collocation Relocation, par DSO Circuit		CLO	PE1BO		33.00									
	Physical Collocation - Virtual to Physical Collocation Relocation, per DS1 Circuit		cro	PE1B1		52.00									
	Physical Collocation - Virtual to Physical Collocation Relocation, ner DS3 Circuit	-	CLO	PE1B3		52.00									
	Physical Collocation - Virtual to Physical Collocation In-Place, Per Voice Grade Circuit		CLO	PE1BR		23.00									
	Physical Collocation Virtual to Physical Collocation In-Place, Per DSO Circuit		cro	PE18P		23.00									
	Physical Collocation - Virtual to Physical Collocation In-Place, Per DS1 Circuit		CLO	PE1BS		33.00				-	-				
	Physical Collocation - Virtual to Physical Collocation In-Place, ner DS3 Circuit		СГО	PE1BE		37.00									
Entra	Entrance Cable								-						

₽
4
age
_

100	OCATION Toursess										•		Attachment: 4			
COLLOCAL													<u>=</u>	Charge		Charge -
										··			9		Manual Svc	Manual Svc
CATEGORY	RATE ELEMENTS	m m	Zone	BCS	nsoc			RATES(\$)			per LSR	per LSR C	Order vs. Electronic- E	Order vs. Electronic- Add'l	Order vs. Electronic- Disc 1st	Order vs. Electronic- Disc Add'l
							Nonrecurring		Nonrecurring Disconnect	Disconnect	⊣ 1.	┨┞	OSS R	OSS Rates(\$)	NAMOS	NAMOR
<u> </u>						Sex .	First	Add.i	First	Add'I	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	NVEOC
	Physical Collocation - Cable Support Structure, per Entrance Cable		CLO	ā	PE1PM	19.80										
	Physical Collocation - Fiber Entrance Cable per Cable (CO		CLO	ā	PE1EC		1,071.00		43.10							
	Physical Collocation - Fiber Entrance Cable Installation, per		C	ā	PE1FD		7.29									
VIRTUAL COL	VIRTUAL COLLOCATION		25													
Applie	Application								1				2 0.7	2.81	0.67	1.41
	Virtual Collocation - Application Fee		AMTFS	Ш	EAF		2,633.00									
	Virtual Collocation - Co-Carller Closs Collifects/Circle Collication Application Fee, per application		AMTES	>	VE1CA		585.09									
	Virtual Collocation Administrative Only - Application Fee		AMTES	>	E1AF		743.25									
Space	Space Preparation	1	AMTES	III	ESPVX	3.91										
Power	VITUAL CONOCANON - 1 1004 OPERCE, POL 54: 15:															
	Virtual Collocation - Power, per fused amp		AMTES	Ш	ESPAX	6.79										
Cross	s Connects (Cross Connects, Co-Carrier Cross Connects, and F	Ports)	UEANL, UEA,	JEA, UDN,												
	1 (144-) Callendin 2 uits orgenonary long provisionin		UEQ, UNCVX,		UEAC2	0.57	11.62	06.6	10.38	8.66			2.07	2.81	0.67	1.41
	Vitual Collocation 2 Twill Gloss-Collicos, Tody, provisioning		UEA, UHL, UCL, UDL, UNCVX,		200	0.87	187	10.01	10.44	8.67			2.07	2.81	79.0	1,41
	Virtual Collocation - 4-wire cross-connect, loop, provisioning	1	UNCUX III P LIXTD1		+	ò	2									
	Virtual collocation - Special Access & UNE, cross-connect per DS1		UNC1X, UXDD1, UNTD1, USLEL, UNLD1, USL, UEPEX, UEPDX		CNC1X	1.32	32.22	17.76	10.46	8.75			2.07	2.81	29.0	1,41
	Vietrei collocation - Snacial Arese & INF cross-connect ber		USL, UE3, U1TD3 UXTS1, UXTD3, UNC3X, UNCSX, ULDD3, U1TS1, ULDS1, UDLSX,	USL, UE3, U1TD3, UXTS1, UXTD3, UNC3X, UNCSX, ULDD3, U1TS1, ULDS1, UDLSX,										Č	· ·	
	Virtual Collocation - Special Acess & O'NE, Closs-Collined Per		UNLD3		CND3X	12.32	29.97	16.30	12.03	8.99			2.07	2.81	0.67	1.41
	Virtual Collocation - 2-Fiber Cross Connects		UDL12, UDL03, U1T48, U1T12, U1T03, ULD03, ULD12, ULD48,	UDL12, UDLO3, U1748, U1712, U1703, ULDO3, ULD12, ULD48, UDF CNC2F	SNC2F	3.03	41.56	29.82	12.96	10.34			2.69	2.69	1.56	1.56
	Virtual Collocation - 4-Fiber Cross Connects		UDL12, UDLO3, U1T48, U1T12, U1TO3, ULDO3, ULD12, ULD48, L	UDL12, UDLO3, U1T48, U1T12, U1T03, ULD03, ULD12, ULD48, UDF CNC4F	NC4F	90.9	50.53	38.78	16.97	14.35			2.69	2.69	1.56	1.56
	Virtual Collocation - Co-Carrier Cross Connects/Direct Connect - Fiber Cable Support Structure, per linear foot, per cable		AMTES		VE1CB	0.0013										
	Virtual Collocation - Co-Carrier Cross Connects/Direct Connect - Copper/Coax Cable Support Structure, per linear foot, per cable	1 0	AMTFS		VE1CD	0.0019										
	Virtual Collocation 2-Wire Cross Connect, Port		UEPSK, UEPSB, UEPSE, UEPSP, UEPSR, UEP2C		VE1R2	0.57	11.62	06.6	10.38	8.66			20.35	10.54	13.32	1.40
Z S	Virtual Collocation 4-Wire Cross Connect, Port		UEPOD,		VE1R4	0.57	13.11	\$.0.	10.	70.0			2007			
5	Virtual Collocation - CFA Information Resend Request, per Premises, per Arrangement, per request		AMTES		VE10R		79.77									
Cab	le Records															

8	
₩.	
2	
4	
Page	

Column C														Attachment: 4		Exhibit: B	
Company Comp	COLLOCATIC	N - Tennessee	-	-		-						Svc Order	Svc Order	ncremental	ncremental	_	Incremental
Part Embert Part Ember Part Embe Part Embe Par					Ç	ğ			RATES(\$)			Submitted Elec	Submitted Manually			Charge - Manual Svc Order vs.	Charge - Manual Svc Order vs.
Autre Autr	CATEGORY	RATE ELEMENTS		oue -	2 2 1	3						Š			Electronic- Add'I	Electronic- Disc 1st	Electronic- Disc Add'l
Autres Vertice Verti				+				Nonrecurring		Nonrecurrin	g Disconnect		1 1	SSO	Rates(\$)	MAMOS	SOMAN
Autris Viete Size					1000		First	1	First	Add'i	SOMEC	- I	SCIMAIN	MAINO	NC#OS		
AMTES VERBE VERB		Artual Collocation Cable Records - per request		AMIF		F BA		00.1									
Autres Care	Virtual Collocation Cable Records - VG/DOS Cable, per cable		AMTES		/E1BB		925.06										
MATTER M		Artual Collocation Cable Records - VG/DS0 Cable, per each				7.07		18 05									
MATTES WF GE 25.04	-	100 pair		AMTES		/E180		8.45									
Autres Autres Strick Autres Autres Strick Autres A		Artual Collocation Cable Records - DS1, per 11115		AMTES		/E1BE		29.57									
AMTES SPTICAL AMTES SP		Artual Collocation Cable Records - Fiber Cable, per 99 fiber		ANTER		/F1RF		279.42									
Autres Autres SPTEN SP		ecords		LIMY		i i											
Autres Autres Sprick Sprick Sprick Autres Sprick Autres Sprick Autres Sprick Sprick Sprick Autres Sprick S	7-	Artual collocation - Security escort, basic time, normally		AMTES		SPTBX		33.15	20.44					2.07	2.81	0.67	1.41
Autrice Autrice Sertice Sert		Afrual collocation - Security escort, overtime, outside of		AMTES		XOTAS		41.50	25.61					2.07	2.81	0.67	1.41
Matter Auffrect September Septembe		normally scheduled work hours on a normal working Lay firtual collocation - Security escort, premium time, outside of a				YOLO		49.86	30.79					2.07	2.81	0.67	1.41
	Mainten	scheduled work day		Y Y		Y1 10		10.00						100	300	230	177
thout AMITS SPTOM 35.77 CS 01 2.07 2.81 thout AMITS ESPEX 17.749.00 20.00 2.61 2.07 2.81 thought ESPEX 17.749.00 312.76 2.07 2.61 2.61 thought EFFRA 220.41 580.20 312.76 2.07 2.61 thought EFFRA 220.41 580.20 312.76 2.07 2.61 thought EFFRA 220.41 580.20 312.76 2.07 2.61 thought EFFRA 220.41 2.08 312.76 2.07 2.61 thought EFFRA 220.41 2.08 31.27 2.04 2.07 2.61 thought EFFRA 22.64 32.43 2.149 2.149 2.149 2.149 2.149 2.149 2.149 2.149 2.149 2.149 2.149 2.149 2.149 2.149 2.149 2.149 2.149 2.149 2.149		Virtual collocation - Maintenance in CO - Basic, per half hour		AMTES		CTRLX		30.64						2.07	18.7	0.0	-
MATIFES SEPICIX 17.749.00 17.749.0		denial collocation - Maintenance in CO - Overtime, per half hour		AMTES		SPTOM		35.77						2.07	2.81	0.67	1.41
AMTES SSPCX 17.04 17.49.00		VII Last Conjugation in Maintenance in Conference (Conference)		1		MOTOS		40 90						2.07	2.81	0.67	1.41
Marties ESPECX 17.87 17.49:00 2.07 2.81		Virtual collocation - Maintenance in CO - Premium per half hour	t	Y AM		1		200								100	
CLORS PETRA 220.41 580.20		Virtual Collocation - Cable Installation Charge, per cable		AMTE		SPCX		1,749.00						2.07	7.81	0.6/	4
CLORS PETRA 580.20		Virtual Collocation - Cable Support Structure, per cable		AMTE		ESPSX	1/.8/										
CORS PEIRA 580.20	COLLOCATION	IN THE REMOTE SITE I Remote Site Collocation	\dagger	-													
New CLORS PETRO 24.69		Physical Collocation in the Remote Site - Application Fee		CLOR		PE1RA DE1DB	220.41	580.20		312.76							
CLORS PETR 218.49 CLORS PETR CLORS PE		Cabinet Space in the Remote Site per Bay/ Rack		201		9											
CLORS PETRE 70.81		Physical Collocation in the Remote Site - Security Access - Key		CLOR		PE1RD		24.69									
CLORS PEIRE 7081		Physical Collocation in the Remote Site - Space Availability Report per Premises Requested		CLOR		PE1SR		218.49									
CLORS PEIRR 234.15 CLORS PEIRT 33.91 21.49 CLORS PEIRT 44.17 27.76 CLORS PEIRT 64.42 34.02 CLORS PEIRU 755.62 755.62 CLORS PEIRT 0.134 755.62 755.62 CLORS PEIRT 0.134 755.62 755.62 Assary for adjacent remote site colocation, the Parties will negotiate appropriate rates. 580.20 755.62 VETRS VETRS VETRR 220.41 218.49 VETRS VETRR 70.81 70.81		Physical Collocation in the Remote Site - Remote Site CLLi		20.00		PETRE		70.81									
CLORS PE10T 44.17 27.16 CLORS PE10T 44.17 27.76 CLORS PE1PT 54.42 34.02 CLORS PE1RU 755.62 755.62 CLORS PE1RT 0.134 755.62 755.62 CLORS PE1RT 0.134 6.27 755.62 Description of a control co		Remote Site DLEC Data (BRSDD), per Compact Disk, per CO		CLOR		PE1RR		234.15									
CLORS PEIDT 44.17 27.76 CLORS PEIPT 54.42 34.02 CLORS PEIRT 0.134 CLORS PEIRT 0.134 CLORS PEIRT 6.27 CLORS PEIRT 6.27 CLORS PEIRS 6.27 CLORS PEIRS 6.27 CLORS VEIRB 590.20 VEIRS VEIRC 220.41 VEIRS VEIRR 70.81		Physical Collocation - Security Escort for Basic Time - normally school upon party party for the fact that have		CLOR		PE1BT		33.91	21.49								
CLORS PEIPT S4.42 34.02		Physical Collocation - Security Escort for Overtime - outside of normally scheduled working hours on a scheduled work day,		80		PE10T		44.17	27.76								
CLORS PEIRU 0.134 755.62 755.		Physical Coloration - Security Escort for Premium Time - rotistice of schoolaled work day, ner half hour		CLOR		PE1PT		54.45	34.02								
CLORS PEIRT 0.134 CLORS PEIRT 0.134 CLORS PEIRT 0.134 CLORS PEIRT 0.134 CLORS PEIRS 6.27 CLORS PEIRS 6.27 VEIRS VEIRB 580.20 VEIRS VEIRC 220.41 VEIRS VEIRR 218.49 VEIRS VEIRL 70.81	Adjacen	t Remote Site Collocation		000		051011		755.62	755.62								
CLORS PEIRI U.134		Kemote Site-Adjacent Collocation-Application ree			-												
CLORS PEIRS 6.27		Remote Site-Adjacent Collocation - Real Estate, per square foot		CLOR	S	PEIRT	0.134				-						
VETRS VETRB 580.20 VETRS VETRC 220.41 VETRS VETRL 218.49 VETRS VETRL 70.81	N	Remote Site-Adjacent Collocation - AC Power, per breaker amp.	essary for	CLOR	S emote site coll	PE1RS ocation, the	6.27 Parties will ne	agotiate approp	oriate rates.								
VEIRS VEIRB 580.20 VEIRS VEIRC 220.41 VEIRS VEIRR 218.49 VEIRS VEIRL 70.81	Virtual	Remote Site Collocation															
Virtual Collocation in the Remote Site - Per Bay/Rack of Space VETRS VETRC 220.41 Virtual Collocation in the Remote Site - Space Availability Report VETRS VETRR 218.49 per Premises requested Virtual Collocation in the Remote Site - Remote Site CLI Code VETR 70.81 Refuse State of CLI Code Requested VETRS VETRL 70.81		Virtual Collocation in the Remote Site - Application Fee		VE1R	8	VE1RB		580.20		312.76						ģ	
VEIRS VEIRL		Virtual Collocation in the Remote Site - Per Bay/Rack of Space		VE1R	8	VE1RC	220.41										
VE1RS VE1RL		Virtual Collocation in the Remote Site - Space Availability Report ner Premises requested		VE1R	S	VE1RR		218.49									
		Virtual Collocation in the Remote Site - Remote Site CLLI Code Request, per CLLI Code Requested		VE1R	S	VE1RL		70.81									
	ADJACENT CO	LLOCATION															

												∢	Attachment: 4		Exhibit: B	
COLLOCA	COLLOCATION - I ennessee										0	in Outline	On Carlo Contra Incremental Incremental Incremental	Incremental	_	Incremental
		_									ove Graer	an Congress	ici alliania		- ebuch	Chame
			_								Submitted	penimans	- egue-	- and in	- 6	
											Elec	Manually N	Manual Svc N	Manual Svc	Elec Manually Manual Svc Manual Svc Manual Svc	Manual Svc
70001	OFNORG IS STAG	nter	Zone	SCS	nsoc			RATES(\$)			per LSR per LSR		Order vs.	Order vs.	Order vs.	Order vs.
CALEGORI		Ε		!										Electronic-	Electronic-	Electronic
													1st	Add'I	Disc 1st	Disc Add'I
			1				Nonrecurring		Nonrecurring Disconnect	Disconnect			OSSR	OSS Rates(\$)		
			\dagger		-	%	First	Add'I	First	Add'i	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN
	Adjacent Collocation - Space Chame per So Et		O	CLOAC	PE1JA	0.0656										
	Adjacent Collocation - Flectrical Facility Charge per Linear Ft.		0	CLOAC	PE1JC	5.53										
			<u> </u>	UEANL, UEQ, UEA, U	!			0,7	11 33	10.03			177	1.77	1.12	1.12
	Adjacent Collocation - 2-Wire Cross-Connects		O	CL, UAL, UHL, UDN PE1JE	PE1JE	46.0	71.17	0	20.1	0.60			17.	177	1 12	1 12
	Adjacent Collocation - 4-Wire Cross-Connects		2	UEA,UHL,UDL,UCL PE1JF	PE1JF	0.33	11.30	10.31	11.62	10.44					1,	
	Adjacent Collocation - DS1 Cross-Connects			USL	PE1JG	1.70	28.39	16.88	11.65	10.54			7,7	\\\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.	1.12	1 43
	Adjacent Collocation - DC3 Cross-Connects				PE1JH	19.03	26.23	15.51	13.40	10.77			1.77	1.//	7.17	71.12
	Adjacent Collocation 2 Elber Once Connect		100		PE1.1J	3.49	26.23	15.51	13.41	10.78			1.77	1.77	1.12	1.12
	Adjacent Collocation - 2-ribel Cross-Collinea		,,,,	0,000	DE1 18	6.50	29 75	19.02	17.60	14.97			1.77	1.77	1.12	1.12
	Adjacent Collocation - 4-riber Cross-Connect		71	2000	2011		2 073 00		98.0				0.00	00.0	00:00	0.00
	Adjacent Collocation - Application Fee		ر	CLUAC	FE135		2,373,00		20:0							
	Adjacent Collocation - 120V, Single Phase Standby Power Rate															
	per AC Breaker Amp		ပ	CLOAC	PE1JL	5.81										
	Adjacent Collocation - 240V, Single Phase Standby Power Rate															
	per AC Breaker Amp		ပ	CLOAC	PE1JM	11.64										
	Adjacent Collocation - 120V, Three Phase Standby Power Rate													-		
	per AC Breaker Amp		J	CLOAC	PE1JN	17.45						+				
	Adjacent Collocation - 277V, Three Phase Standby Power Rate															
-	per AC Breaker Amp		<u>ا</u>	CLOAC	PELJO	40.30										
NOTE	NOTE: Rates displaying an "R" in the interim column are interim and subject to rate true-up	d subje	ct to rate	true-up as set for	h in Genera	as set forth in General Terms and Conditions.	ditions.									

Attachment 5

Access to Numbers and Number Portability

TABLE OF CONTENTS

1.	NON-DISCRIMINATORY ACCESS TO TELEPHONE NUMBERS	3
2.	LOCAL NUMBER PORTABILITY	4
3.	OSS RATES	, 5
4	LNP IN CONJUNCTION WITH LOCAL SWITCHING	4

ACCESS TO NUMBERS AND NUMBER PORTABILITY

1. NON-DISCRIMINATORY ACCESS TO TELEPHONE NUMBERS

- During the term of this Agreement, where Texas Hometel is utilizing its own switch, Texas Hometel shall contact the North American Numbering Plan Administrator (NANPA), or, where applicable, the relevant Number Pool Administrator for the assignment of numbering resources.
- Where BellSouth provides local switching or resold services to Texas Hometel, BellSouth will provide Texas Hometel with online access to available telephone numbers as defined by applicable FCC rules and regulations on a first come first served basis. Texas Hometel acknowledges that such access to numbers shall be in accordance with the appropriate FCC rules and regulations. Texas Hometel may designate up to a forecasted six (6) months supply of available numbers as intermediate (an available number provided to Texas Hometel) telephone numbers per rate center if the following conditions are met:
- 1.2.1 Texas Hometel must: (1) indicate that all of the intermediate numbers currently held by Texas Hometel in each rate center where Texas Hometel will be requesting intermediate telephone numbers have six (6) or less months to exhaust; (2) supply projected monthly telephone number demand on a rate center basis for the coming twelve (12) months for each rate center where Texas Hometel will be requesting intermediate telephone numbers; and, (3) demonstrate that the utilization level on current intermediate numbers held by Texas Hometel in the rate center where Texas Hometel is requesting telephone numbers has reached at least 75%.
- The above information will be provided by Texas Hometel by submitting to BellSouth a fully completed "CO Code Assignments Months To Exhaust Certification Worksheet TN Level" ("MTE Worksheet"), Appendix B to the Central Office Code (NXX) Assignments Guidelines, INC 95-0407-008 for each rate center where Texas Hometel will be requesting intermediate telephone numbers. The utilization level is calculated by dividing all intermediate numbers currently assigned by Texas Hometel to End Users by the total number of intermediate numbers held by Texas Hometel in the rate center and multiplying the result by one hundred (100).
- 1.2.3 If fulfilling Texas Hometel's request for intermediate numbers results in BellSouth having to submit a request for additional telephone numbers to a national numbering administrator (either NANPA CO Code Administration or NeuStar Pooling Administration or their successors), BellSouth will submit the required numbering request to the national numbering administrator to satisfy Texas Hometel's request for intermediate numbers. BellSouth will also pursue all

Version: 4Q04 Standard ICA 12/09/04

appropriate steps (including submitting a safety valve request (petition) to the appropriate Commission if the numbering request is denied by the national administrator) to satisfy Texas Hometel's request for intermediate numbers. In these cases, BellSouth is not obligated to fulfill the request by Texas Hometel for intermediate numbers unless, and until, BellSouth's request for additional numbering resources is granted.

- 1.2.4 Texas Hometel agrees to supply supporting information for any numbering request and/or safety valve request that BellSouth files pursuant to Section 1.2.3above.
- 1.3 Texas Hometel acknowledges that there may be instances where there is an industry shortage of available telephone numbers in a number plan area (NPA). These instances occur where a jeopardy status has been declared by NANPA and the industry has determined that limiting the assignment of new numbers is the appropriate method to employ until the jeopardy can be alleviated. In such NPA jeopardy situations where assignment of new numbers is restricted per the jeopardy guidelines developed by the industry, BellSouth may request that Texas Hometel cancel all or a portion of its unassigned intermediate numbers. Texas Hometel's consent to BellSouth's request shall not be unreasonably withheld.

2. LOCAL NUMBER PORTABILITY

- 2.1 The Parties will offer Local number portability (LNP) in accordance with rules, regulations and guidelines adopted by the Commission, the FCC and industry fora.
- 2.2 <u>Service Management System (SMS) Administration.</u> The Parties will work cooperatively with other local service providers to establish and maintain contracts for the LNP SMS.
- 2.3 <u>Network Architecture.</u> The Parties agree to adhere to applicable FCC rules and orders governing LNP network architecture.
- 2.4 <u>Signaling.</u> In connection with LNP, each Party agrees to use SS7 signaling in accordance with applicable FCC rules and orders.
- 2.5 N-1 Query. The Parties agree to adhere to applicable FCC rules and orders governing LNP N-1 queries.
- 2.6 Porting of Reserved Numbers and Suspended Lines. End Users of each Party may port numbers, via LNP, that are in a denied state or that are on suspend status. In addition, End Users of each Party may port reserved numbers that the End User has paid to reserve. Portable reserved numbers are identified on the Customer Service Record (CSR). In anticipation of porting from one Party to the other Party, a Party's End User may reserve additional telephone numbers and include them with the numbers that are subsequently ported to the other Party. It is not necessary to restore a denied number before it is ported.
- 2.7 <u>Splitting of Number Groups.</u> The Parties shall permit blocks of subscriber numbers (including, but not limited to, Direct Inward Dial (DID) numbers and

Version: 4Q04 Standard ICA

12/09/04

MultiServ groups) to be split in connection with an LNP request. BellSouth and Texas Hometel shall permit End Users who port a portion of DID numbers to retain DID service on the remaining portion of numbers. If a Party requests porting a range of DID numbers smaller than a whole block, that Party shall pay the applicable charges for doing so as set forth in Attachment 2 of this Agreement. In the event no rate is set forth in Attachment 2, then the Parties shall negotiate a rate for such services.

- 2.8 The Parties will set Location Routing Number (LRN) unconditional or 10-digit triggers where applicable. Where triggers are set, the porting Party will remove the ported number at the same time the trigger is removed.
- A trigger order is a service order issued in advance of the porting of a number. A trigger order 1) initiates call queries to the AIN SS7 network in advance of the number being ported; and 2) provides for the new service provider to be in control of when a number ports.
- 2.10 Where triggers are not set, the Parties shall coordinate the porting of the number between service providers so as to minimize service interruptions to the End User.
- 2.11 BellSouth and Texas Hometel will work cooperatively to implement changes to LNP process flows ordered by the FCC or as recommended by standard industry foras addressing LNP.
- Where Texas Hometel utilizes BellSouth's LNP Query Service, BellSouth shall bill and Texas Hometel shall pay the query charge associated with LNP Query Service as set forth in Attachment 2. To receive the LNP Query Service charge set forth in Attachment 2, Texas Hometel shall fill out and submit the Interconnection data sheet for BellSouth LNP Query Service. The form can be obtained on www.interconnection.bellsouth.com under BellSouth LNP Query Service and click on forms. Once the form has been filled out and submitted the LNP Query charge will take effect on the approved date. This charge is not subject to the resale discount set forth in Attachment 1 of this Agreement.

3. OSS RATES

3.1 The terms, conditions and rates for OSS utilized in connection with LNP are as set forth in Exhibit A of Attachment 2.

4. LNP IN CONJUNCTION WITH LOCAL SWITCHING

- Where Texas Hometel purchases local switching from BellSouth, the Parties shall adhere to the following processes:
- 4.2 When Texas Hometel submits an LSR for services, if the telephone number associated with the services requested resides in a switch other than BellSouth's, then BellSouth will submit an LNP LSR to the appropriate switch owner. Texas Hometel shall be responsible for reimbursing BellSouth for any costs or charges imposed on BellSouth by the switch owner resulting from the submission of the

Version: 4Q04 Standard ICA

LNP LSR. In addition, Texas Hometel shall pay to BellSouth the manual service order charges specified in Exhibit A of Attachment 2 of this Agreement for BellSouth's creation and submission of the LNP LSR to the appropriate switch owner.

Working telephone numbers, telephone numbers for which payment has been made to reserve and telephone numbers that are in a denied state (but not disconnected) or suspended status may be subject to porting.

Version: 4Q04 Standard ICA

12/09/04

Attachment 6

Pre-Ordering, Ordering, Provisioning, Maintenance and Repair

Version: 4Q04 Standard ICA 12/09/04

TABLE OF CONTENTS

1.	QUALITY OF PRE-ORDERING, ORDERING, PROVISIONING, MAINTENANCE AND REPAIR.	. 3
2.	ACCESS TO OPERATIONS SUPPORT SYSTEMS	. 3
3.	MISCELLANEOUS	7

PRE-ORDERING, ORDERING, PROVISIONING, MAINTENANCE AND REPAIR

1. QUALITY OF PRE-ORDERING, ORDERING, PROVISIONING, MAINTENANCE AND REPAIR

1.1 BellSouth shall provide to Texas Hometel nondiscriminatory access to its Operations Support Systems (OSS) and the necessary information contained therein in order that Texas Hometel can perform the functions of pre-ordering, ordering, provisioning, maintenance and repair, and billing. BellSouth shall provide Texas Hometel with all relevant documentation (manuals, user guides, specifications, etc.) regarding business rules and other formatting information as well as practices and procedures necessary to ensure requests are efficiently processed. All documentation will be readily accessible at BellSouth's Interconnection Web site and is incorporated herein by reference. BellSouth shall ensure that its OSS are designed to accommodate requests for both current and projected demands of Texas Hometel and other CLECs in the aggregate.

2. ACCESS TO OPERATIONS SUPPORT SYSTEMS

- 2.1 BellSouth shall provide Texas Hometel nondiscriminatory access to its OSS and the necessary information contained therein in order that Texas Hometel can perform the functions of pre-ordering, ordering, provisioning, maintenance and repair, and billing. BellSouth shall provide nondiscriminatory access to the OSS through manual and/or electronic interfaces as described in this Attachment. It is the sole responsibility of Texas Hometel to obtain the technical capability to access and utilize BellSouth's OSS interfaces. Specifications for Texas Hometel's access and use of BellSouth's electronic interfaces are set forth at BellSouth's Interconnection Web site and are incorporated herein by reference.
- 2.1.1 Texas Hometel agrees to comply with the provisions of the Operations Support Systems (OSS) Interconnection Volume Guidelines as set forth at BellSouth's Interconnection Web site, and incorporated herein by reference as amended from time to time.
- 2.2 Pre-Ordering. BellSouth will provide electronic access to its OSS and the information contained therein in order that Texas Hometel can perform the following pre-ordering functions: service address validation, telephone number selection, service and feature availability, due date information, customer record information and loop makeup information. Mechanized access is provided by electronic interfaces whose specifications for access and use are set forth at BellSouth's Interconnection Web site and are incorporated herein by reference. The process by which BellSouth and Texas Hometel will manage these electronic interfaces to include the development and introduction of new interfaces will be

Version: 4Q04 Standard ICA

12/09/04

governed by the change management process as described in Section 2.6 below. Texas Hometel shall provide to BellSouth access to customer record information, including circuit numbers associated with each telephone number where applicable. Texas Hometel shall provide such information within four (4) hours after request via electronic access where available. If electronic access is not available, Texas Hometel shall provide to BellSouth paper copies of customer record information, including circuit numbers associated with each telephone number where applicable. If BellSouth requests the information before noon, the customer record information shall be provided the same day. If BellSouth requests the information after noon, the customer record information shall be provided by noon the following day.

- 2.2.1 The Parties agree not to view, copy, or otherwise obtain access to the customer record information of any customer without that customer's permission. Texas Hometel will obtain access to customer record information only in strict compliance with applicable laws, rules, or regulations of the state in which the service is provided. BellSouth reserves the right to audit Texas Hometel's access to customer record information. If a BellSouth audit of Texas Hometel's access to customer record information reveals that Texas Hometel is accessing customer record information without having obtained the proper End User authorization, BellSouth upon reasonable notice to Texas Hometel may take corrective action, including but not limited to suspending or terminating Texas Hometel's electronic access to BellSouth's OSS functionality. All such information obtained through an audit shall be deemed Information covered by the Proprietary and Confidential Information section in the General Terms and Conditions of this Agreement.
- Ordering. BellSouth will make available to Texas Hometel electronic interfaces for the purpose of exchanging order information, including order status and completion notification, for non-complex and certain complex resale requests and certain network elements. Specifications for access and use of BellSouth's electronic interfaces are set forth at BellSouth's Interconnection Web site and are incorporated herein by reference as they are amended from time to time. The process by which BellSouth and Texas Hometel will manage these electronic interfaces to include the development and introduction of new interfaces will be governed by the change management process as described below.
- 2.3.1 Texas Hometel shall place orders for services by submitting a local service request ("LSR") to BellSouth. BellSouth shall bill Texas Hometel an electronic service order charge at the rate set forth in the applicable Attachment to this Agreement for each LSR submitted by means of an electronic interface. BellSouth shall bill Texas Hometel a manual service order charge at the rate set forth in the applicable Attachment to this Agreement for each LSR submitted by means other than the electronic Interfaces (e.g. mail, fax, courier, etc.). An individual LSR will be identified for billing purposes by its Purchase Order Number ("PON").

Version: 4Q04 Standard ICA 12/09/04

- 2.3.1.1 Texas Hometel may submit an LSR to request that an End User's service be temporarily suspended, denied, or restored. Alternatively, Texas Hometel may submit a list of such End Users if Texas Hometel provides a separate PON for each location on the list. Each location will be billed as a separate LSR.
- 2.3.1.2 BellSouth will bill the electronic or manual service order charge, as applicable, for an LSR, regardless of whether that LSR is later supplemented, clarified or cancelled.
- 2.3.1.3 Notwithstanding the foregoing, BellSouth will not bill an additional electronic or manual service order charge for supplements to any LSR submitted to clarify, correct, change or cancel a previously submitted LSR.
- Provisioning. BellSouth shall provision services during its regular working hours. To the extent Texas Hometel requests provisioning of service to be performed outside BellSouth's regular working hours, or the work so requested requires BellSouth's technicians or project managers to work outside of regular working hours, overtime charges set forth in BellSouth's State E Tariff, Section 13.2, shall apply. Notwithstanding the foregoing, if such work is performed outside of regular working hours by a BellSouth technician or project manager during his or her scheduled shift and BellSouth does not incur any overtime charges in performing the work on behalf of Texas Hometel, BellSouth will not assess Texas Hometel additional charges beyond the rates and charges specified in this Agreement.
- 2.4.1 In the event BellSouth must dispatch to the End User's location more than once due to incorrect or incomplete information provided by Texas Hometel (e.g., incomplete address, incorrect contact name/number, etc.), BellSouth will bill Texas Hometel for each additional dispatch required to provision the circuit due to the incorrect/incomplete information provided. BellSouth will assess the applicable Maintenance of Service rates from BellSouth's FCC No. 1 Tariff, Section 13.3.1 (E).
- 2.4.2 <u>Cancellation Charges.</u> If Texas Hometel cancels an LSR for network elements or resold services, any costs incurred by BellSouth in conjunction with the provisioning of that request will be recovered in accordance with BellSouth's Private Line Tariff or BellSouth's FCC No. 1 Tariff, Section 5.4.
- 2.4.2.1 Notwithstanding the foregoing, if Texas Hometel places an LSR based upon BellSouth's loop makeup information, and such information is inaccurate resulting in the inability of BellSouth to provision the network elements requested and another spare compatible facility cannot be found with the transmission characteristics of the network elements originally requested, cancellation charges described in this Section shall not apply. Where Texas Hometel places a single LSR for multiple network elements or services based upon loop makeup

Version: 4Q04 Standard ICA

information, and information as to some, but not all, of the network elements or services is inaccurate, if BellSouth cannot provision the network elements or services that were the subject of the inaccurate loop makeup information, Texas Hometel may cancel its request for those network elements or services without incurring cancellation charges as described in this Section. In such instance, should Texas Hometel elect to cancel the entire LSR, cancellation charges as described in this Section shall apply to those elements and services that were not the subject of inaccurate loop makeup.

- 2.4.3 <u>Service Date Advancement Charges (Expedites).</u> For Service Date Advancement requests by Texas Hometel, Service Date Advancement charges will apply for intervals less than the standard interval as outlined in the BellSouth Product and Services Interval Guide. The charges as outlined in Exhibit A of Attachment 2 of this Agreement will apply.
- 2.4.4 Order Modification Charges. If Texas Hometel modifies an order after being sent a Firm Order Confirmation (FOC) from BellSouth, the Order Modification Charge (OMC) or Order Modification Charge Additional Dispatch (OMCAD) will be paid by Texas Hometel in accordance with Exhibit A of Attachment 2 of this Agreement.
- 2.5 <u>Maintenance and Repair.</u> BellSouth will make available to Texas Hometel electronic interfaces for the purpose of reporting and monitoring service troubles. Specifications for access and use of BellSouth's maintenance and repair electronic interfaces are set forth at BellSouth's Interconnection Web site and are incorporated herein by reference. The process by which BellSouth and Texas Hometel will manage these electronic interfaces to include the development and introduction of new interfaces will be governed by the change management process as described below. Requests for trouble repair are billed in accordance with the provisions of this Agreement. BellSouth and Texas Hometel agree to adhere to BellSouth's Operational Understanding, as amended from time to time during this Agreement and as incorporated herein by reference. The Operational Understanding may be accessed via BellSouth's Interconnection Web site.
- 2.5.1 If Texas Hometel reports a trouble on a Network Element or Other Service and no trouble actually exists on the BellSouth portion, BellSouth will charge Texas Hometel for any dispatching and testing (both inside and outside the Central Office (CO)) required by BellSouth in order to confirm the working status.
- 2.5.2 In the event BellSouth must dispatch to the End User's location more than once due to incorrect or incomplete information provided by Texas Hometel (e.g., incomplete address, incorrect contact name/number, etc.), BellSouth will bill Texas Hometel for each additional dispatch required to repair the circuit due to the incorrect/incomplete information provided. BellSouth will assess the applicable

Maintenance of Service rates from BellSouth's FCC No. 1 Tariff, Section 13.3.1 (E).

- 2.6 <u>Billing.</u> BellSouth will provide Texas Hometel nondiscriminatory access to billing information as specified in Attachment 7 to this Agreement.
- Change Management. BellSouth and Texas Hometel agree that the collaborative change management process known as the Change Control Process (CCP) will be used to manage changes to existing interfaces, introduction of new interfaces and retirement of interfaces. BellSouth and Texas Hometel agree to comply with the provisions of the documented Change Control Process as may be amended from time to time and incorporated herein by reference. The change management process will cover changes to BellSouth's electronic interfaces, BellSouth's testing environment, associated manual process improvements, and relevant documentation. The process will define a procedure for resolution of change management disputes. Documentation of the CCP as well as related information and processes will be clearly organized and readily accessible to Texas Hometel at BellSouth's Interconnection Web site.
- 2.8 Rates. Unless otherwise specified herein, charges for the use of BellSouth's Operations Support Systems (OSS), and other charges applicable to pre-ordering, ordering, provisioning and maintenance and repair, shall be at the rates set forth in the applicable Attachment of this Agreement.
- The Commissions in some states have ordered per element manual additive nonrecurring charges (NRC) for Network Elements and Other Services ordered by means other than one of the interactive interfaces. These ordered Network Elements and Other Services manual additive NRCs will apply in these states, rather than the charge per LSR. The per element charges are listed in Exhibit A of Attachment 2.

3. MISCELLANEOUS

- Pending Orders. To the extent that Texas Hometel submits an LSR with incomplete, incorrect or conflicting information, BellSouth will return the LSR to Texas Hometel for clarification. Texas Hometel shall respond to the request for clarification within thirty (30) days by submitting a supplemental LSR. If Texas Hometel does not submit a supplement LSR within thirty (30) days, BellSouth will cancel the original LSR and Texas Hometel shall be required to submit a new LSR, with a new PON.
- Single Point of Contact. Texas Hometel will be the single point of contact with BellSouth for ordering activity for network elements and other services used by Texas Hometel to provide services to its End Users, except that BellSouth may accept a request directly from another CLEC, or BellSouth, acting with authorization of the affected End User. Texas Hometel and BellSouth shall each

Version: 4Q04 Standard ICA

12/09/04

execute a blanket letter of authorization with respect to customer requests so that prior proof of End User authorization will not be necessary with every request (except in the case of a local service freeze). The Parties shall each be entitled to adopt their own internal processes for verification of customer authorization for requests, provided, however, that such processes shall comply with applicable state and federal law and industry and regulatory guidelines. Pursuant to a request from another carrier, BellSouth may disconnect any network element being used by Texas Hometel to provide service to that End User and may reuse such network elements or facilities to enable such other carrier to provide service to the End User. BellSouth will notify Texas Hometel that such a request has been processed but will not be required to notify Texas Hometel in advance of such processing.

- 3.2.1 Neither BellSouth nor Texas Hometel shall prevent or delay an End User from migrating to another carrier because of unpaid bills, denied service, or contract terms.
- 3.2.2 The Parties shall return a Firm Order Confirmation (FOC) and Local Service Request (LSR) rejection/clarification in accordance with the intervals specified in Attachment 9 of this Agreement.
- 3.2.3 <u>Use of Facilities.</u> When an End User of Texas Hometel elects to discontinue service and to transfer service to another local exchange carrier, including BellSouth, BellSouth shall have the right to reuse the facilities provided to Texas Hometel by BellSouth. In addition, where BellSouth provides local switching, BellSouth may disconnect and reuse facilities when the facility is in a denied state and BellSouth has received a request to establish new service or transfer service from an End User or from a CLEC. BellSouth will notify Texas Hometel that such a request has been processed after the disconnect order has been completed.
- Contact Numbers. The Parties agree to provide one another with toll-free nation-wide (50 states) contact numbers for the purpose of ordering, provisioning and maintenance of services. Contact numbers for maintenance/repair of services shall be staffed 24 hours per day, 7 days per week. BellSouth will close trouble tickets after making a reasonable effort to contact Texas Hometel for authorization to close a ticket. BellSouth will place trouble tickets in delayed maintenance status after making a reasonable effort to contact Texas Hometel to request additional information or to request authorization for additional work deemed necessary by BellSouth.
- 3.4 <u>Subscription Functions.</u> In cases where BellSouth performs subscription functions for an interexchange carrier (IXC) (i.e. PIC and LPIC changes via Customer Account Record Exchange (CARE)), BellSouth will in all possible instances provide the affected IXCs with the Operating Company Number (OCN) of the local provider for the purpose of obtaining End User billing account and other End User information required under subscription requirements.

Version: 4Q04 Standard ICA 12/09/04

3.4.1 When Texas Hometel's End User, served by resale or loop and port combinations, changes its PIC or LPIC, and per BellSouth's FCC or state tariff the interexchange carrier elects to charge the End User the PIC or LPIC change charge, BellSouth will bill the PIC or LPIC change charge to Texas Hometel, which has the billing relationship with that End User, and Texas Hometel may pass such charge to the End User.

Attachment 7

Billing

Version: 4Q04 Standard ICA 03/17/05

TABLE OF CONTENTS

1.	PAYMENT AND BILLING ARRANGEMENTS	3
2.	BILLING DISPUTES	9
3.	REVENUE ACCOUNTING OFFICE (RAO) HOSTING	10
4.	OPTIONAL DAILY USAGE FILE	14
5	ACCESS DAILY USAGE FILE	17
6.	Rates for ODUF, ADUF and CMDS	19
Ra	tes	Evhihit A

BILLING

1. PAYMENT AND BILLING ARRANGEMENTS

The terms and conditions set forth in this Attachment shall apply to all services ordered and provisioned pursuant to this Agreement.

- BellSouth will bill through the Carrier Access Billing System (CABS), Integrated Billing System (IBS) and/or the Customer Records Information Systems (CRIS) depending on the particular service(s) provided to Texas Hometel under this Agreement. BellSouth will format all bills in CABS Billing Output Specification (CBOS) Standard or CLUB/EDI format, depending on the type of service provided. For those services where standards have not yet been developed, BellSouth's billing format may change in accordance with applicable industry standards.
- 1.1.1 For any service(s) BellSouth receives from Texas Hometel, Texas Hometel shall bill BellSouth in CBOS format.
- 1.1.2 Any switched access charges associated with interexchange carrier access to the resold local exchange lines will be billed by, and due to BellSouth.
- 1.1.3 BellSouth will render bills each month on established bill days for each of Texas Hometel's accounts. If either Party requests multiple billing media or additional copies of the bills, the billing Party will provide these at the rates set forth in BellSouth's FCC No. 1 Tariff, Section 13.3.6.3, except for resold services which shall be at the rates set forth in BellSouth's Non-Regulated Services Pricing List N6.
- 1.1.4 BellSouth will bill Texas Hometel in advance for all services to be provided during the ensuing billing period except charges associated with service usage and nonrecurring charges, which will be billed in arrears.
- 1.1.4.1 For resold services, charges for services will be calculated on an individual End User account level, including, if applicable, any charge for usage or usage allowances. BellSouth will also bill Texas Hometel, and Texas Hometel will be responsible for and remit to BellSouth, all charges applicable to said services including but not limited to 911 and E911 charges, End Users common line charges, federal subscriber line charges, telecommunications relay charges, and franchise fees, unless otherwise ordered by a Commission.
- 1.1.5 BellSouth will not perform billing and collection services for Texas Hometel as a result of the execution of this Agreement.
- 1.2 <u>Establishing Accounts.</u> After submitting a credit profile and deposit, if required, and after receiving certification as a local exchange carrier from the appropriate Commission, Texas Hometel will provide the appropriate BellSouth advisory

Version: 4Q04 Standard ICA 03/17/05

team/local contract manager the necessary documentation to enable BellSouth to establish accounts for Local Interconnection, Network Elements and Other Services and/or resold services. Such documentation shall include the Application for Master Account, if applicable, proof of authority to provide telecommunications services, the appropriate Operating Company Numbers (OCN) for each state as assigned by the National Exchange Carriers Association (NECA), Carrier Identification Code (CIC), if applicable, Access Customer Name and Abbreviation (ACNA), if applicable, Blanket Letter of Authorization (LOA), Misdirected Number form, and a tax exemption certificate, if applicable. Notwithstanding anything to the contrary in this Agreement, Texas Hometel may not order services under a new account established in accordance with this Section 1.2 until thirty (30) days after all information specified in this Section 1.2 is received from Texas Hometel.

- 1.2.1 Company Identifiers. If Texas Hometel needs to change, add to, eliminate or convert its OCN(s), ACNAs and other identifying codes (collectively "Company Identifiers") under which it operates when Texas Hometel has already been conducting business utilizing those Company Identifiers, Texas Hometel shall pay all charges as a result of such change, addition, elimination or conversion to the new Company Identifiers. Such charges include, but are not limited to, all time required to make system updates to all of Texas Hometel's End User records and any other changes to BellSouth systems or Texas Hometel records, and will be handled in a separately negotiated agreement or as otherwise required by BellSouth.
- 1.2.2 <u>Tax Exemption.</u> It is the responsibility of Texas Hometel to provide BellSouth with a properly completed tax exemption certificate at intervals required by the appropriate taxing authorities. A tax exemption certificate must be supplied for each individual Texas Hometel entity purchasing Services under this Agreement. Upon BellSouth's receipt of a properly completed tax exemption certificate, subsequent billings to Texas Hometel will not include those taxes or fees from which Texas Hometel is exempt. Prior to receipt of a properly completed exemption certificate, BellSouth shall bill, and Texas Hometel shall pay all applicable taxes and fees. In the event that Texas Hometel believes that it is entitled to an exemption from and refund of taxes with respect to the amount billed prior to BellSouth's receipt of a properly completed exemption certificate, BellSouth shall assign to Texas Hometel its rights to claim a refund of such taxes. If applicable law prohibits the assignment of tax refund rights or requires the claim for refund of such taxes to be filed by BellSouth, BellSouth shall, after receiving a written request from Texas Hometel and at Texas Hometel's sole expense, pursue such refund claim on behalf of Texas Hometel, provided that Texas Hometel promptly reimburses BellSouth for any costs and expenses incurred by BellSouth in pursuing such refund claim, and provided further that BellSouth shall have the right to deduct any such outstanding costs and expenses from the amount of any refund obtained prior to remitting such refund to Texas Hometel. Texas Hometel shall be solely responsible for the computation, tracking, reporting and payment of

all taxes and fees associated with the services provided by Texas Hometel to its End Users.

- Deposit Policy. Prior to the inauguration of service or, thereafter, upon BellSouth's request, Texas Hometel shall complete the BellSouth Credit Profile (BellSouth form) and provide information to BellSouth regarding Texas Hometel's credit and financial condition. Based on BellSouth's analysis of the BellSouth Credit Profile and other relevant information regarding Texas Hometel's credit and financial condition, BellSouth reserves the right to require Texas Hometel to provide BellSouth with a suitable form of security deposit for Texas Hometel's account(s). If, in BellSouth's sole discretion, circumstances so warrant and/or Texas Hometel's gross monthly billing has increased, BellSouth reserves the right to request additional security (or to require a security deposit if none was previously requested) and/or file a Uniform Commercial Code (UCC-1) security interest in Texas Hometel's "accounts receivables and proceeds".
- 1.3.1 Security deposit shall take the form of cash, an Irrevocable Letter of Credit (BellSouth form), Surety Bond (BellSouth form) or, in BellSouth's sole discretion, some other form of security proposed by Texas Hometel. Any such security deposit shall in no way release Texas Hometel from its obligation to make complete and timely payments of its bill(s). If BellSouth requires Texas Hometel to provide a security deposit, Texas Hometel shall provide such security deposit prior to the inauguration of service or within fifteen (15) days of BellSouth's request, as applicable. Deposit request notices will be sent to Texas Hometel via certified mail or overnight delivery. Such notice period will start the day after the deposit request notice is rendered by certified mail or overnight delivery. Interest on a cash security deposit shall accrue and be applied or refunded in accordance with the terms in BellSouth's General Subscriber Services Tariff (GSST).
- 1.3.2 Security deposits collected under this Section 1.3 shall not exceed two (2) months' estimated billing. Estimated billings are calculated based upon the monthly average of the previous six (6) months current billings, if Texas Hometel has received service from BellSouth during such period at a level comparable to that anticipated to occur over the next six (6) months. If either Texas Hometel or BellSouth has reason to believe that the level of service to be received during the next six (6) months will be materially higher or lower than received in the previous six (6) months, Texas Hometel and BellSouth shall agree on a level of estimated billings based on all relevant information.
- 1.3.3 In the event Texas Hometel fails to provide BellSouth with a suitable form of security deposit or additional security deposit as required herein, defaults on its account(s), or otherwise fails to make any payment or payments required under this Agreement in the manner and within the time required, service to Texas Hometel may be Suspended, Discontinued or Terminated in accordance with the terms of Section 1.5 below. Upon Termination of services, BellSouth shall apply any security deposit to Texas Hometel's final bill for its account(s).

- 1.3.3.1 At least seven (7) days prior to the expiration of any letter of credit provided by Texas Hometel as security under this Agreement, Texas Hometel shall renew such letter of credit or provide BellSouth with evidence that Texas Hometel has obtained a suitable replacement for the letter of credit. If Texas Hometel fails to comply with the foregoing, BellSouth shall thereafter be authorized to draw down the full amount of such letter of credit and utilize the cash proceeds as security for Texas Hometel accounts(s). If Texas Hometel provides a security deposit or additional security deposit in the form of a surety bond as required herein, Texas Hometel shall renew the surety bond or provide BellSouth with evidence that Texas Hometel has obtained a suitable replacement for the surety bond at least seven (7) days prior to the cancellation date of the surety bond. If Texas Hometel fails to comply with the foregoing, BellSouth shall thereafter be authorized to take action on the surety bond and utilize the cash proceeds as security for Texas Hometel's account(s). If the credit rating of any bonding company that has provided Texas Hometel with a surety bond provided as security hereunder has fallen below B, BellSouth will provide written notice to Texas Hometel that Texas Hometel must provide a replacement bond or other suitable security within fifteen (15) days of BellSouth's written notice. If Texas Hometel fails to comply with the foregoing, BellSouth shall thereafter be authorized to take action on the surety bond and utilize the cash proceeds as security for Texas Hometel's account(s). Notwithstanding anything contained in this Agreement to the contrary, BellSouth shall be authorized to draw down the full amount of any letter of credit or take action on any surety bond provided by Texas Hometel as security hereunder if Texas Hometel defaults on its account(s) or otherwise fails to make any payment or payments required under this Agreement in the manner and within the time, as required herein.
- 1.4 Payment Responsibility. Payment of all charges will be the responsibility of Texas Hometel. Texas Hometel shall pay invoices by utilizing wire transfer services or automatic clearing house services. Texas Hometel shall make payment to BellSouth for all services billed including disputed amounts. BellSouth will not become involved in billing disputes that may arise between Texas Hometel and Texas Hometel's End User.
- 1.4.1 Payment Due. Payment for services provided by BellSouth, including disputed charges, is due on or before the next bill date. Information required to apply payments must accompany the payment. The information must notify BellSouth of Billing Account Numbers (BAN) paid; invoices paid and the amount to be applied to each BAN and invoice (Remittance Information). Payment is considered to have been made when the payment and Remittance Information are received by BellSouth. If the Remittance Information is not received with payment, BellSouth will be unable to apply amounts paid to Texas Hometel's accounts. In such event, BellSouth does not receive the Remittance Information by the payment due date for any account(s), late payment charges shall apply.

Version: 4Q04 Standard ICA

03/17/05

- 1.4.1.1 <u>Due Dates.</u> If the payment due date falls on a Sunday or on a holiday that is observed on a Monday, the payment due date shall be the first non-holiday day following such Sunday or holiday. If the payment due date falls on a Saturday or on a holiday which is observed on Tuesday, Wednesday, Thursday, or Friday, the payment due date shall be the last non-holiday day preceding such Saturday or holiday. If payment is not received by the payment due date, a late payment charge, as set forth in Section 1.4.1.2, below, shall apply.
- Late Payment. If any portion of the payment is not received by BellSouth on or before the payment due date as set forth preceding, or if any portion of the payment is received by BellSouth in funds that are not immediately available to BellSouth, then a late payment and/or interest charge shall be due to BellSouth. The late payment and/or interest charge shall apply to the portion of the payment not received and shall be assessed as set forth in Section A2 of the General Subscriber Services Tariff, Section B2 of the Private Line Service Tariff or Section E2 of the Intrastate Access Tariff, or pursuant to the applicable state law as determined by BellSouth. In addition to any applicable late payment and/or interest charges, Texas Hometel may be charged a fee for all returned checks at the rate set forth in Section A2 of the General Subscriber Services Tariff or pursuant to the applicable state law.
- 1.5 <u>Discontinuing Service to Texas Hometel.</u> The procedures for discontinuing service to Texas Hometel are as follows:
- 1.5.1 In order of severity, Suspend/Suspension, Discontinue/Discontinuance and Terminate/Termination are defined as follows for the purposes of this Attachment:
- 1.5.1.1 Suspend/Suspension is the temporary restriction of the billed Party's access to the ordering systems and/or access to the billed Party's ability to initiate PIC-related changes. In addition, during Suspension, pending orders may not be completed and orders for new service or changes to existing services may not be accepted.
- Discontinue/Discontinuance is the denial of service by the billing Party to the billed Party that will result in the disruption and discontinuation of service to the billed Party's End Users or customers. Additionally, at the time of Discontinuance, BellSouth will remove any Local Service Freezes in place on the billed Party's End Users.
- 1.5.1.3 Terminate/Termination is the disconnection of service by the billing Party to the billed Party.
- 1.5.2 BellSouth reserves the right to Suspend, Discontinue or Terminate service in the event of prohibited, unlawful or improper use of BellSouth facilities or service, abuse of BellSouth facilities, or any other violation or noncompliance by Texas Hometel of the rules and regulations of BellSouth's tariffs.

- Suspension. If payment of amounts due as described herein is not received by the bill date in the month after the original bill date, or fifteen (15) days from the date of a deposit request in the case of security deposits, BellSouth will provide written notice to Texas Hometel that services will be Suspended if payment of such amounts, and all other amounts that become past due before Suspension, is not received by wire transfer, automatic clearing house or cashier's check in the manner set forth in Section 1.4.1 above, or in the case of a security deposit request, in the manner set forth in Section 1.3.1: (1) within seven (7) days following such notice for CABS billed services; (2) within fifteen (15) days following such notice for Security deposit requests.
- 1.5.3.1 The Suspension notice shall also provide that all past due charges for CRIS and IBS billed services, and all other amounts that become past due for such services before Discontinuance, must be paid within thirty (30) days from the date of the Suspension notice to avoid Discontinuance of CRIS and IBS billed services.
- 1.5.3.2 For CABS billed services, BellSouth will provide a Discontinuance notice that is separate from the Suspension notice, that all past due charges for CABS billed Services, and all other amounts that become past due for such services before Discontinuance, must be paid within thirty (30) days from the date of the Suspension notice to avoid Discontinuance of CABS billed services. This Discontinuance notice may be provided at the same time that BellSouth provides the Suspension notice.
- 1.5.4 <u>Discontinuance</u>. If payment of amounts due as described herein is not received by the bill date in the month after the original bill date, BellSouth will provide written notice that BellSouth may Discontinue the provision of existing services to Texas Hometel if payment of such amounts, and all other amounts that become past due before Discontinuance, including requested security deposits, is not received by wire transfer, automatic clearing house or cashier's check in the manner set forth in Section 1.4.1 above or in the case of a deposit in accordance with Section 1.3.1, within thirty (30) days following such written notice; provided, however, that BellSouth may provide written notice that such existing services may be Discontinued within fifteen (15) days following such notice, subject to the criteria described in Section 1.5.5.
- 1.5.5 BellSouth may take the action to Discontinue the provision of existing service upon fifteen (15) days from the day after BellSouth provides written notice of such Discontinuance if (a) such notice is sent by certified mail or overnight delivery; (b) Texas Hometel has not paid all amounts due pursuant to a subject bill(s), or has not provided adequate security pursuant to a deposit request; and (c) either:
 - (1) BellSouth has sent the subject bill(s) to Texas Hometel within (7) business days of the bill date(s), verifiable by records maintained by BellSouth:

- i. in paper or CDROM form via the United States Postal Service (USPS), or
- ii. in magnetic tape form via overnight delivery, or
- iii. via electronic transmission; or
- (2) BellSouth has sent the subject bill(s) to Texas Hometel, using one of the media described in (1) above, more than thirty (30) days before notice to Discontinue service has been rendered.
- 1.5.6 In the case of Discontinuance of services, all billed charges, as well as applicable disconnect charges, shall become due.
- 1.5.7 Texas Hometel is solely responsible for notifying the End User of the Discontinuance of service. If, within seven (7) days after Texas Hometel's services have been Discontinued, Texas Hometel pays, by wire transfer, automatic clearing house or cashier's check, all past due charges, including late payment charges, outstanding security deposit request amounts if applicable and any applicable restoral charges as set forth in Section A4 of the GSST, then BellSouth will reestablish service for Texas Hometel.
- 1.5.7.1 <u>Termination.</u> If within seven (7) days after Texas Hometel's service has been Discontinued and Texas Hometel has failed to pay all past due charges as described above, then Texas Hometel's service will be Terminated.
- Notices. Notwithstanding anything to the contrary in this Agreement, all bills and notices regarding billing matters, disconnection of services for nonpayment of charges, and rejection of additional orders from Texas Hometel, shall be forwarded to the individual and/or address provided by Texas Hometel in establishment of its billing account(s) with BellSouth, or to the individual and/or address subsequently provided by Texas Hometel as the contact for billing. All monthly bills and notices described in this Section shall be forwarded to the same individual and/or address; provided, however, upon written request from Texas Hometel to BellSouth's billing organization, the notice of discontinuance of services purchased by Texas Hometel under this Agreement provided for in Section 1.5.4 of this Attachment shall be sent via certified mail to the individual(s) listed in the Notices provision of the General Terms and Conditions of this Agreement.

2. BILLING DISPUTES

Texas Hometel shall electronically submit all billing disputes to BellSouth using the form specified by BellSouth. In the event of a billing dispute, the Parties will endeavor to resolve the dispute within sixty (60) days of the notification date. Within five (5) business days of BellSouth's denial, or partial denial, of the billing dispute, if Texas Hometel is not satisfied with BellSouth's resolution of the billing dispute or if no response to the billing dispute has been received by Texas Hometel by such sixtieth (60th) day, Texas Hometel must pursue the escalation process as

Version: 4Q04 Standard ICA 03/17/05

outlined in the Billing Dispute Escalation Matrix, set forth on BellSouth's Interconnection Services Web site, or the billing dispute shall be considered denied and closed. If, after escalation, the Parties are unable to reach resolution, then the aggrieved Party, if it elects to pursue the dispute shall pursue dispute resolution in accordance with the General Terms and Conditions of this Agreement.

2.2 For purposes of this Section 2, a billing dispute means a reported dispute submitted pursuant to Section 2.1 of a specific amount of money actually billed by BellSouth. The billing dispute must be clearly explained by Texas Hometel and supported by written documentation, which clearly shows the basis for disputing charges. The determination as to whether the billing dispute is clearly explained or clearly shows the basis for disputing charges shall be within BellSouth's sole reasonable discretion. Disputes that are not clearly explained or those that do not provide complete information may be rejected by BellSouth. Claims by Texas Hometel for damages of any kind will not be considered a billing dispute for purposes of this Section. If BellSouth resolves the billing dispute, in whole or in part, in favor of Texas Hometel, any credits and interest due to Texas Hometel as a result therof shall be applied to Texas Hometel's account by BellSouth upon resolution of the billing dispute.

3. REVENUE ACCOUNTING OFFICE (RAO) HOSTING

- 3.1 Centralized Message Distribution System (CMDS) is a national message exchange system administered by Telcordia Technologies ("Telcordia") used to transmit alternately billed calls (e.g., credit card, third number and collect) from the Earning Company, as defined herein, to the Billing Company, as defined herein, to permit the Earning Company and the Billing Company to receive appropriate compensation. It is also used to transmit access records from one company to another.
- 3.2 Direct Participants are Telecommunications carriers that exchange data directly with other Direct Participants via the CMDS Data Center and may act as host companies ("Host") for those Telecommunications carriers that do not exchange data directly via the CMDS Data Center ("Indirect Participants").
- Revenue Accounting Office (RAO) Hosting is a hosting relationship where an Indirect Participant sends and receives CMDS eligible messages to and from its Host, who then interfaces, on behalf of the Indirect Participant, with other Direct Participants for distribution and collection of these messages. RAO Hosting also includes the Direct Participant's provision of revenue settlements functions (compensation) for alternately billed calls based upon reports generated by Credit Card and Third Number Settlement (CATS) and Non-InterCompany Settlement (NICS) as described herein. CATS and NICS are collectively referred to as Intercompany Settlements.

- The CATS System is a national system administered by Telcordia, used to settle revenues for calls that are sent from one CMDS Direct Participant to another for billing. CATS applies to calls that originate within one Regional Bell Operating Company's (RBOC) territory, as defined at Divestiture, and bill in another RBOC's territory. CATS calculates the amounts due to Earning Companies (i.e. billed revenue less the billing and collection fee). For alternately billed calls, the originating company, whose facilities are used to place the call, is the Earning Company and the company that puts the charges on the End User's bill is the Billing Company
- 3.5 The Non-InterCompany Settlement (NICS) System is the national system administered by Telcordia that is used in the settlement of revenues for calls that are originated and billed by two different local exchange carriers (LEC) within a single Direct Participant's territory to another for billing. NICS applies to calls involving another LEC where the Earning Company and the Billing Company are located within BellSouth's territory.
- 3.6 RAO Hosting, CATS and NICS services provided to Texas Hometel by BellSouth will be in accordance with the methods and practices regularly applied by BellSouth to its own operations during the term of this Agreement, including such revisions as may be made from time to time by BellSouth.
- 3.7 Texas Hometel shall furnish all relevant information required by BellSouth for the provision of RAO Hosting, CATS and NICS.
- 3.8 Charges or credits, as applicable, will be applied by BellSouth to Texas Hometel on a monthly basis in arrears. Amounts due (excluding adjustments) are due on or before the next bill date.
- Texas Hometel must have its own unique hosted RAO code. Where BellSouth is the selected CMDS interfacing host, Texas Hometel must request that BellSouth establish a unique hosted RAO code for Texas Hometel. Such request shall be in writing to the BellSouth RAO Hosting coordinator and must be submitted at least eight (8) weeks prior to provision of services pursuant to this Section. Services shall commence on a date mutually agreed by the Parties.
- 3.10 BellSouth will receive messages from Texas Hometel that are to be processed by BellSouth, another Local Exchange Carrier (LEC) in the BellSouth region or a LEC outside the BellSouth region. Texas Hometel shall send all messages to BellSouth no later than sixty (60) days after the message date.
- 3.11 BellSouth will perform invoice sequence checking, standard Exchange Message Interface (EMI) format editing, and balancing of message data with the EMI trailer record counts on all data received from Texas Hometel.

- 3.12 All data received from Texas Hometel that is to be processed or billed by another LEC within the BellSouth region will be distributed to that LEC in accordance with the Agreement(s) in effect between BellSouth and the involved LEC.
- 3.13 All data received from Texas Hometel that is to be placed on the CMDS network for distribution outside the BellSouth region will be handled in accordance with the agreement(s) in effect between BellSouth and its connecting contractor.
- 3.14 BellSouth will receive messages from the CMDS network that are destined to be processed by Texas Hometel and will forward them to Texas Hometel on a daily basis for processing.
- Transmission of message data between BellSouth and Texas Hometel will be distributed via Secure File Transfer Protocol (FTP) mailbox. It will be created on a daily basis Monday through Friday, except holidays. Details such as dataset name and delivery schedule will be addressed during negotiations of the distribution medium. If BellSouth determines the Secure FTP Mailbox is nearing capacity levels, BellSouth may move Texas Hometel to CONNECT:Direct file delivery.
- 3.15.1 If Texas Hometel is moved to CONNECT: Direct, data circuits (private line or dial-up) may be required between BellSouth and Texas Hometel for the purpose of data transmission. Where a dedicated line is required, Texas Hometel will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. Texas Hometel will also be responsible for any charges associated with this line. Equipment required on the BellSouth end to attach the line to the mainframe computer and to transmit successfully ongoing will be negotiated on an individual case basis. Where a dial-up facility is required, dial circuits will be installed in the BellSouth data center by BellSouth and the associated charges assessed to Texas Hometel. Additionally, all message toll charges associated with the use of the dial circuit by Texas Hometel will be the responsibility of Texas Hometel. Associated equipment on the BellSouth end, including a modem, will be negotiated on an individual case basis between the Parties. All equipment, including modems and software, that is required on the Texas Hometel end for the purpose of data transmission will be the responsibility of Texas Hometel.
- 3.15.2 If Texas Hometel utilizes Secure File Transfer Protocol for data file transmission, purchase of the Secure File Transfer Protocol software will be the responsibility of Texas Hometel.
- 3.16 All messages and related data exchanged between BellSouth and Texas Hometel will be EMI formatted records and packed between appropriate EMI header and trailer records in accordance with accepted industry standards.

- 3.17 Texas Hometel will maintain recorded message detail necessary to recreate files provided to BellSouth for a period of three (3) calendar months beyond the related message dates.
- 3.18 Should it become necessary for Texas Hometel to send data to BellSouth more than sixty (60) days past the message date(s), Texas Hometel will notify BellSouth in advance of the transmission of the data. BellSouth will work with its connecting contractor and/or Texas Hometel, where necessary, to notify all affected LECs.
- In the event that data to be exchanged between the two Parties should become lost or destroyed, the Party responsible for creating the data will make every effort to restore and retransmit such data.
- 3.20 Should an error be detected by the EMI format edits performed by BellSouth on data received from Texas Hometel, the entire pack containing the affected data will not be processed by BellSouth. BellSouth will notify Texas Hometel of the error. Texas Hometel will correct the error(s) and will resend the entire pack to BellSouth for processing. In the event that an out-of-sequence condition occurs on subsequent packs, Texas Hometel will resend these packs to BellSouth after the pack containing the error has been successfully reprocessed by BellSouth.
- In association with message distribution service, BellSouth will provide Texas Hometel with associated intercompany settlements reports (CATS and NICS) as appropriate.
- 3.22 Notwithstanding anything in this Agreement to the contrary, in no case shall either Party be liable to the other for any direct or consequential damages incurred as a result of the obligations set out in this Section 3.
- 3.23 Intercompany Settlements Messages
- 3.23.1 Intercompany Settlements Messages facilitate the settlement of revenues associated with traffic originated from or billed by Texas Hometel as a facilities based provider of local exchange telecommunications services.
- 3.23.2 BellSouth will receive the monthly NICS and CATS reports from Telcordia on behalf of Texas Hometel and will distribute copies of these reports to Texas Hometel on a monthly basis.
- 3.23.3 Through CATS, BellSouth will collect the revenue earned by Texas Hometel from the RBOC in whose territory the messages are billed, less a per message billing and collection fee of five cents (\$0.05), or such other amount as may be approved by the Direct Participants and Telcordia, on behalf of Texas Hometel. BellSouth will remit the revenue billed by Texas Hometel to the RBOC in whose territory the messages originated, less a per message billing and collection fee of five cents (\$0.05), or such other amount as may be approved by the Direct Participants and Telcordia, on behalf of Texas Hometel. These two amounts will be netted

together by BellSouth and the resulting charge or credit issued to Texas Hometel via a Carrier Access Billing System (CABS) miscellaneous bill on a monthly basis in arrears.

- 3.23.4 Through NICS, BellSouth will collect the revenue earned by Texas Hometel within the BellSouth territory from another LEC also within the BellSouth territory (NICS) where the messages are billed, less a per message billing and collection fee of five cents (\$0.05), on behalf of Texas Hometel. BellSouth will remit the revenue billed by Texas Hometel within the BellSouth region to the LEC also within the BellSouth region, where the messages originated, less a per message billing and collection fee of five cents (\$0.05). These two amounts will be netted together by BellSouth and the resulting charge or credit issued to Texas Hometel via a CABS miscellaneous bill on a monthly basis in arrears.
- 3.23.5 BellSouth and Texas Hometel agree that monthly netted amounts of less than fifty dollars (\$50.00) will not be settled.

4. OPTIONAL DAILY USAGE FILE

- 4.1 Upon written request from Texas Hometel, BellSouth will provide the Optional Daily Usage File (ODUF) Services to Texas Hometel pursuant to the terms and conditions set forth in this section.
- 4.2 Texas Hometel shall furnish all relevant information required by BellSouth for the provision of the ODUF.
- 4.3 The ODUF feed provides Texas Hometel messages, associated with Wholesale Switch Port Services and Wholesale Local Platform Services that Texas Hometel has purchased from BellSouth that were carried over the BellSouth network and processed by BellSouth for Texas Hometel.
- 4.4 Charges for the ODUF Service will appear on Texas Hometel's monthly bills for the previous month's usage in arrears. The charges are as set forth in Exhibit A.
- 4.5 The ODUF feed will contain both rated and unrated messages. All messages will be in the standard Alliance for Telecommunications Industry Solutions (ATIS) EMI record format.
- 4.6 Messages that error in the billing system of Texas Hometel will be the responsibility of Texas Hometel. If, however, Texas Hometel should encounter significant volumes of errored messages that prevent processing by Texas Hometel within its systems, BellSouth will work with Texas Hometel to determine the source of the errors and the appropriate resolution.
- 4.7 <u>ODUF Specifications</u>
- 4.7.1 ODUF Messages to be Transmitted.

Version: 4Q04 Standard ICA 03/17/05

4.7.2 The following messages recorded by BellSouth will be transmitted to Texas Hometel: 4.7.2.1 Message recording for per use/per activation type services (examples: Three-Way Calling, Verify, Interrupt, Call Return, etc.) 4.7.2.2 Measured local calls 4.7.2.3 Directory Assistance messages 4.7.2.4 IntraLATA Toll 4.7.2.5 WATS and 800 Service 4.7.2.6 N11 4.7.2.7 Information Service Provider Messages 4.7.2.8 Operator Services Messages 4.7.2.9 Operator Services Message Attempted Calls 4.7.2.10 Credit/Cancel Records 4.7.2.11 Usage for Mail Message Service 4.7.3 Rated Incollects (messages BellSouth receives from other revenue accounting offices) also appear on ODUF. Rated Incollects will be intermingled with BellSouth recorded rated and unrated usage. Rated Incollects will not be packed separately. 4.7.4 BellSouth will perform duplicate record checks on records processed to ODUF. Any duplicate messages detected will be deleted and not sent to Texas Hometel. 4.7.5 In the event that Texas Hometel detects a duplicate on ODUF they receive from BellSouth, Texas Hometel will drop the duplicate message and will not return the duplicate to BellSouth. 4.7.6 **ODUF Physical File Characteristics** 4.7.6.1 ODUF will be distributed to Texas Hometel via Secure File Transfer Protocol (FTP). The ODUF feed will be a variable block format. The data on the ODUF feed will be in a non-compacted EMI format (175 byte format plus modules). It will be created on a daily basis Monday through Friday except holidays. Details such as dataset name and delivery schedule will be addressed during negotiations of the distribution medium. There will be a maximum of one (1) dataset per workday per OCN. If BellSouth determines the Secure FTP Mailbox is nearing

capacity levels, BellSouth may move the Texas Hometel to CONNECT:Direct file delivery.

- 4.7.6.2 If the Texas Hometel is moved to CONNECT: Direct, data circuits (private line or dial-up) will be required between BellSouth and Texas Hometel for the purpose of data transmission. Where a dedicated line is required, Texas Hometel will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. Texas Hometel will also be responsible for any charges associated with this line. Equipment required on the BellSouth end to attach the line to the mainframe computer and to transmit messages successfully on an ongoing basis will be negotiated on an individual case basis. Any costs incurred for such equipment will be Texas Hometel's responsibility. Where a dial-up facility is required, dial circuits will be installed in the BellSouth data center by BellSouth and the associated charges assessed to Texas Hometel. Additionally, all message toll charges associated with the use of the dial circuit by Texas Hometel will be the responsibility of Texas Hometel. Associated equipment on the BellSouth end, including a modem, will be negotiated on an individual case basis between the Parties. All equipment, including modems and software, that is required on Texas Hometel's end for the purpose of data transmission will be the responsibility of Texas Hometel.
- 4.7.6.3 If Texas Hometel utilizes FTP for data file transmission, purchase of the FTP software will be the responsibility of Texas Hometel.
- 4.7.7 <u>ODUF Packing Specifications</u>
- 4.7.7.1 The data will be packed using ATIS EMI records. A pack will contain a minimum of one (1) message record or a maximum of 99,999 message records plus a pack header record and a pack trailer record. One transmission can contain a maximum of ninety nine (99) packs and a minimum of one (1) pack.
- The OCN, From RAO, and Invoice Number will control the invoice sequencing. The From RAO will be used to identify to Texas Hometel which BellSouth RAO is sending the message. BellSouth and Texas Hometel will use the invoice sequencing to control data exchange. Texas Hometel will notify BellSouth of sequence failures identified by Texas Hometel and BellSouth will resend the data as appropriate.
- 4.7.8 ODUF Pack Rejection. Texas Hometel will notify BellSouth within one business day of rejected packs (via the mutually agreed medium). Packs could be rejected because of pack sequencing discrepancies or a critical edit failure on the Pack Header or Pack Trailer records (e.g. out-of-balance condition on grand totals, invalid data populated). Standard ATIS EMI error codes will be used. Texas Hometel will not be required to return the actual rejected data to BellSouth. Rejected packs will be corrected and retransmitted to Texas Hometel by BellSouth.

Version: 4Q04 Standard ICA

03/17/05

- 4.7.9 ODUF Control Data. Texas Hometel will send one confirmation record per pack that is received from BellSouth. This confirmation record will indicate Texas Hometel's receipt of the pack and acceptance or rejection of the pack. Pack Status Code(s) will be populated using standard ATIS EMI error codes for packs that were rejected by Texas Hometel for reasons stated in the above section.
- 4.7.10 ODUF Testing. Upon request from Texas Hometel, BellSouth shall send ODUF test files to Texas Hometel. The Parties agree to review and discuss the ODUF content and/or format. For testing of usage results, BellSouth shall request that Texas Hometel set up a production (live) file. The live test may consist of Texas Hometel's employees making test calls for the types of services Texas Hometel requests on ODUF. These test calls are logged by Texas Hometel, and the logs are provided to BellSouth. These logs will be used to verify the files. Testing will be completed within thirty (30) days from the date on which the initial test file was sent.

5 ACCESS DAILY USAGE FILE

- 5.1 Upon written request from Texas Hometel, BellSouth will provide the Access Daily Usage File (ADUF) Services to Texas Hometel pursuant to the terms and conditions set forth in this section.
- 5.2 Texas Hometel shall furnish all relevant information required by BellSouth for the provision of ADUF Services.
- 5.3 The ADUF provides Texas Hometel originating and terminating access and third party messages associated with Wholesale Switch Port Services and Wholesale Local Platform Services that Texas Hometel has purchased from BellSouth.
- 5.4 Charges for ADUF Services will appear on Texas Hometel's monthly bills for the previous month's usage in arrears. The charges are as set forth in Exhibit.
- 5.5 Messages that error in the billing system of Texas Hometel will be the responsibility of Texas Hometel. If, however, Texas Hometel should encounter significant volumes of errored messages that prevent processing by Texas Hometel within its systems, BellSouth will work with Texas Hometel to determine the source of the errors and the appropriate resolution.
- 5.6 ADUF Messages to be Transmitted
- The following messages recorded by BellSouth will be transmitted to Texas Hometel:
- 5.6.2 Recorded originating and terminating interstate and intrastate access records associated with Wholesale Switch Port Services and Wholesale Local Platform Services.

- 5.6.3 Recorded terminating access records for undetermined jurisdiction access records associated with Wholesale Switch Port Services and Wholesale Local Platform Services.
- 5.6.4 BellSouth will perform duplicate record checks on records processed to ADUF.

 Any duplicate messages detected will be dropped and not sent to Texas Hometel.
- 5.6.5 In the event that Texas Hometel detects a duplicate on ADUF they receive from BellSouth, Texas Hometel will drop the duplicate message and will not return the duplicate to BellSouth.
- 5.7 <u>ADUF Physical File Characteristics</u>
- 5.7.1 ADUF will be distributed to Texas Hometel via Secure FTP Mailbox. The ADUF feed will be a fixed block format. The data on the ADUF feed will be in a non-compacted EMI format (210 bytes). It will be created on a daily basis Monday through Friday except holidays. Details such as dataset name and delivery schedule will be addressed during negotiations of the distribution medium. There will be a maximum of one (1) dataset per workday per OCN. If BellSouth determines the Secure FTP Mailbox is nearing capacity levels, BellSouth may move the Texas Hometel to CONNECT:Direct file delivery.
- 5.7.2 If the Texas Hometel is moved to CONNECT: Direct, data circuits (private line or dial-up) will be required between BellSouth and Texas Hometel for the purpose of data transmission. Where a dedicated line is required, Texas Hometel will be responsible for ordering the circuit, overseeing its installation and coordinating the installation with BellSouth. Texas Hometel will also be responsible for any charges associated with this line. Equipment required on the BellSouth end to attach the line to the mainframe computer and to transmit messages successfully on an ongoing basis will be negotiated on an individual case basis. Any costs incurred for such equipment will be Texas Hometel's responsibility. Where a dial-up facility is required, dial circuits will be installed in the BellSouth data center by BellSouth and the associated charges assessed to Texas Hometel. Additionally, all message toll charges associated with the use of the dial circuit by Texas Hometel will be the responsibility of Texas Hometel. Associated equipment on the BellSouth end, including a modem, will be negotiated on an individual case basis between the Parties. All equipment, including modems and software, that is required on Texas Hometel's end for the purpose of data transmission will be the responsibility of Texas Hometel.
- 5.7.2.1 If Texas Hometel utilizes FTP for data file transmission, purchase of the FTP software will be the responsibility of Texas Hometel.
- 5.7.3 ADUF Packing Specifications

- 5.7.3.1 The data will be packed using ATIS EMI records. A pack will contain a minimum of one (1) message record or a maximum of 99,999 message records plus a pack header record and a pack trailer record. One transmission can contain a maximum of ninety-nine (99) packs and a minimum of one (1) pack.
- The OCN, From RAO, and Invoice Number will control the invoice sequencing. The From RAO will be used to identify to Texas Hometel which BellSouth RAO is sending the message. BellSouth and Texas Hometel will use the invoice sequencing to control data exchange. Texas Hometel will notify BellSouth of sequence failures identified by Texas Hometel and BellSouth will resend the data as appropriate.
- 5.7.4 <u>ADUF Pack Rejection.</u> Texas Hometel will notify BellSouth within one (1) business day of rejected packs (via the mutually agreed medium). Packs could be rejected because of pack sequencing discrepancies or a critical edit failure on the Pack Header or Pack Trailer records (e.g. out-of-balance condition on grand totals, invalid data populated). Standard ATIS EMI error codes will be used. Texas Hometel will not be required to return the actual rejected data to BellSouth. Rejected packs will be corrected and retransmitted to Texas Hometel by BellSouth.
- 5.7.5 <u>ADUF Control Data.</u> Texas Hometel will send one (1) confirmation record per pack that is received from BellSouth. This confirmation record will indicate Texas Hometel's receipt of the pack and acceptance or rejection of the pack. Pack Status Code(s) will be populated using standard ATIS EMI error codes for packs that were rejected by Texas Hometel for reasons stated in the above section.
- 5.7.6 <u>ADUF Testing.</u> Upon request from Texas Hometel, BellSouth shall send a test file of generic data to Texas Hometel via CONNECT:Direct or Text File via e-mail. The Parties agree to review and discuss the test file's content and/or format.
- 6. Rates for ODUF, ADUF and CMDS
- 6.1 For ODUF, ADUF and CMDS, rates are as set forth in Exhibit A.

CMDS - Alabama	labama												Attachment: 7		Exhibit: A		
CATEGORY	RATE ELEMENTS	Interim Zone	Zone	BCS	cosn			RATES(\$)			Svc Order Submitted Elec per LSR	Svc Order Submitted Submitted Elec Manually per LSR per LSR	Svc Order Svc Order Incremental Submitted Submitted Charge - Elec Manually Manual Svc Per LSR Per LSR Charlet vs. Charlet vs. Charlet vs.	Incremental Charge - Manual Svc Order vs. Electronic-	Incremental Incremental Incremental Incremental Charge Charge Charge Charge Manual Svc Manual Svc Manual Svc Manual Svc Order vs. Order vs. Order vs. Chect vs. Charge Electronic Electronic Add'il Disc 1st Disc Add'il	incremental Charge - Manual Svc Order vs. Electronic- Disc Add1	
							Nonrecurring	urring	Nonrecurring Disconnect	Disconnect			SSO	OSS Rates(\$)			
						, Kec	First	Add"	First	Add*I	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
-																	
CMDS																	
CEN	CENTRALIZED MESSAGE DISTRIBUTION SERVICE (CMDS)																
	CMDS: Message Processing, per message					0.004											
	CMDS: Data Transmission (CONNECT:Direct), per message					0.001											
ODUF/ADUF/CMDS	7/CMDS																
ACC	ACCESS DAILY USAGE FILE (ADUF)																
	ADUF: Message Processing, per message					0.007037											
	ADUF: Data Transmission (CONNECT:DIRECT), per message					0.000113											
Tdo	OPTIONAL DAILY USAGE FILE (ODUF)																
	ODUF: Recording, per message					0.000011											
	ODUF: Message Processing, per message					0.004101											
	ODUF: Message Processing, per Magnetic Tape provisioned					42.67											
	ODUF: Data Transmission (CONNECT:DIRECT), per message					0.000094											
Note	Notes: If no rate is identified in the contract, the rate for the sneedle service or function will be as set forth in annilicable BailSouth harliff or as negotiated by the Parties upon request by either Party	nvice or	function v	vill he as sat forth	in annilicable ?	SellSouth tariff or	yr as negotlated	1 hv the Parties	thon regitest h	v either Party.							

												-	4.0		Exhibit. A		
CMDS - Florida	lorida											₹	Attachinent.				
											Svc Order !	Svc Order	Svc Order Svc Order Incremental Incremental	Incremental	incremental	Incremental	
											Submitted !	Submitted	Charge -	Charge -	Charge -	Charge -	
											Elec	Manually	fanual Svc	Manual Svc	Manual Svc	Manual Svc	
CATEGORY	RATE ELEMENTS	Interim Zone	Zone	BCS	OSO			RATES(5)			per LSR	per LSR	Order vs.	Order vs.	Order vs.	Order vs.	
													:lectronic-	Electronic-	Electronic- Electronic- Electronic-	Electronic-	
													1st	Add'I	Disc 1st	Disc Add'i	
							Nonrecurring	urring	Nonrecurring Disconnect	Disconnect			A SSO	OSS Rates(\$)			
						200	First	Add'i	First	Add"	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
CMDS																	
₹	CENTRALIZED MESSAGE DISTRIBUTION SERVICE (CMDS)																
	CMDS: Message Processing, per message					0.004											
	CMDS: Data Transmission (CONNECT:Direct), per message					100.0											
ODUF/ADUF/CMDS	CMDS																
ACC	ACCESS DAILY USAGE FILE (ADUF)																
	ADUF: Message Processing, per message					0.001656											
	ADUF: Data Transmission (CONNECT:DIRECT), per message					0.0001245		1									
T	OPTIONAL DAILY USAGE FILE (ODUF)																
	ODUF: Recording, per message					0.0000071											
	ODUF: Message Processing, per massage					0.002146											
	ODUF: Message Processing, per Magnetic Tape provisioned					35.91											
																-	
	ODUF: Data Transmission (CONNECT:DIRECT), per message	_				0.00010375											
Note	Notes: If no rate is identified in the contract, the rate for the specific service or function will	rylca or 1	function	will be as set forth	n applicable E	be as set forth in applicable BellSouth tariff or as negotiated by the Parties upon request by either Party	y as necotiated	1 by the Parties	upon reguest	by either Party.							

									-	-							
CMDC Coordia	6,000												Attachment: 7		Exhibit: A		
CATEGORY	RATE ELEMENTS	Interim Zone	Zone	BCS	cosn			RATES(\$)			Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-	incremental Charge - Manual Svc Order vs. Electronic- Add'l	Charge - Manual Svc Order vs. Electronic- Disc 1st	incremental Charge - Manual Svc Order vs. Electronic- Disc Add'l	1.00
							Monrocum	- inning	Nonrectiving Disconnect	Disconnect			OSS	OSS Rates(\$)			
			1			Rec	First	Addi	First	Add1	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
CMDS																	Ī
	CENTRALIZED MESSAGE DISTRIBUTION SERVICE (CMDS)															1	T
	CMDS: Message Processing, per message					0.004										1	
	CMDS: Data Transmission (CONNECT:Direct), per message					0.001											
ODUF/ADUF/CMDS	F/CMDS																
¥	ACCESS DAILY USAGE FILE (ADUF)																T
	ADUF: Message Processing, per message					0.001713											
	ADLIF: Data Transmission (CONNECT:DIRECT), per message					0.00013027											
9	OPTIONAL DAILY USAGE FILE (ODUF)																
	ODUF: Recording, per message					0.0000068										1	
	ODUF: Message Processing, per message		_			0.002167										†	
	ODUF: Message Processing, per Magnetic Tape provisioned					36.06											
	ODLIF: Data Transmission (CONNECT:DIRECT), per message					0.00010856					-						
Not	Notes: If no rate is identified in the contract, the rate for the specific service or function will be	ervice or f	function	will be as set forth	In applicable £	as set forth in applicable BellSouth tariff or as negotlated by the Parties upon request by either Party.	or as negotiated	d by the Partie	s upon request	by either Party.							

0													Attachment: 7		Exhibit: A		
CMDS - Kentucky	TUCKY RATE ELEMENTS	Interim Zone	oue oue	BCS	nsoc			RATES(\$)			Submitted Submitted Elec per LSR	Svc Order Svc Order Submitted Submitted Elec Manually per LSR per LSR	hrcremental in Charge - Manual Svc N Order vs. Electronic- 1st	ncremental Charge - fanual Svc Order vs. Electronic-	Charge - Manual Svc Order vs. Electronic-	Incremental Charge - Manual Svc Order vs. Electronic- Disc Add'i	
		1					Nonracuring	urring	Nonrecurring Disconnect	Disconnect			oss	OSS Rates(\$)			
			-			Rec	First	Add'I	First	Addil	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
			-														
SUND																	
	CENTRALIZED MESSAGE DISTRIBUTION SERVICE (CMDS)																ļ
	CMDS: Message Processing, per message					0.004											
	CMDS: Data Transmission (CONNECT:Direct), per message					0.001											
ODUF/ADUF/CMDS	SOW																
ACCES	ACCESS DAILY USAGE FILE (ADUF)																
	ADUF: Message Processing, per message					0.001857											
	ADLIE: Data Transmission (CONNECT:D)RECT), ner message					0.00012447											
CITAC	OPTIONAL DAILY USAGE FILE (ODUF)																
	ODUF: Recording, per message					0.0000136											
	ODUF: Message Processing, per message					0.002506									ļ.		
	ODUF: Message Processing, per Magnetic Tape provisioned					35.90											
	ODLE: Data Transmission (CONNECT DIRECT) oer message					0.00010372											
Notes.	Notes: He many that contract the rate for the sneedle service or function will be as set forth in applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.	ervice or fur	action will t	se as set forth	n appilicable	BellSouth tariff	or as negotiate	d by the Partie	s upon request	by either Party							

CCCS 629 of 866

													F		Exhibit. A		
CMDS - Louisiana	anaisius											3	Attachment: /	9	-		
CATEGORY	RATE ELEMENTS	Interim Zone	Zone	BCS	nsoc			RATES(\$)			Svc Order Submitted Submitted Elec Manually per LSR per LSR		hcremental Charge - Manual Svc Order vs. Electronic-	Svc Order Svc Order Incremental Incremental Incremental Submitted Submitted Charge - Charge - Charge - Charge - Manual Svc Manual Svc Manual Svc Manual Svc Manual Svc Manual Svc Manual Svc Manual Svc Manual Svc Fectronic		theremental Charge - Manual Svc Order vs. Electronic- Disc Add'l	
							Nonrec	Nonrecutting	Nonrecurring Disconnect	Disconnect			OSS	OSS Rates(\$)			
						Rec	First	Addi	First	Add'i	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
												1			1		
CMDS																	
1	CENTRALIZED MESSAGE DISTRIBUTION SERVICE (CMDS)																T
	CMDS: Message Processing, per message					0.004							Ì				
	CMDS: Data Transmission (CONNECT:Direct), per message					0.001							+				
ODUF/ADUF/CMDS	CMDS																
ACCE	ACCESS DAILY USAGE FILE (ADUF)												+				
	ADUF: Message Processing, per message					0.007983											
	ADUF: Data Transmission (CONNECT:DIRECT), per message					0.00012681											
LdC	OPTIONAL DAILY USAGE FILE (ODUF)																
	ODUE: Recording per message					0.0000117											Ī
	ODUF: Message Processing, per message					0.004641							1				
	ODUF: Message Processing, per Magnetic Tape provisioned					48.45											
	ODITE: Data Transmission (CONNECT DIRECT) per message					0.00010568								40.7			
	the second of the contract the rate for the enough carvier or function will be as set forth in analyzable BellSouth tariff or as negotiated by the Parties upon request by either Party.	To or	finction	will be as set forth	h applicable	BellSouth tariff	or as negotiate	d by the Partie	s upon request	by either Party.							

Part Part											_	Attachment: 7		Exhibit: A		
SOMEC SOMAN SOMAN SOMAN SOMAN		terim Zo		nsoc			RATES(\$)			Svc Order Submitted Elec per LSR	Svc Order Submitted Manually per LSR	Incremental Charge - Manual Svc Order vs. Electronic-	Uncremental Charge - Manual Svc Order vs. Electronic- Add'l	incremental Charge - Manual Svc Order vs. Electronic- Disc 1st	Incremental Charge - Manual Svc Order vs. Electronic- Disc Add'I	
SOMEC SOMAN SOMAN SOMAN		+				Nonrec	Surring	Nonrecurring	Disconnect			SSO	Rates(\$)			
CEE (CMDS)		H) (8)	First	Add'i	First	Add'I		SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
CVCE (CMIDS) O 0.004 C 0.004 e rect), per message 0.00012803 C 0.004707 RECT), per message 0.0000083 C 0.004707 5 Tape provisioned 0.000104087 C 0.004707 6 O 0.000104803 C 0.000104803 C 0.000104803 7 Tape provisioned 0.000104803 C 0.000104803 8 Table provisioned 0.000104803 C 0.000104803																
Comparison		_						ļ								
RECT), per message	ICE (CMDS)	-													+	
red), per message 0.0001 RECT), per message 0.00012803 : Tape provisioned 0.0004707 : Tape provisioned 0.00010869 : Company 0.00010869 : Tape provisioned 0.00010869	0				0.004										1	-
RECT), per message	lirect), per message	H			0.001											
PRECT), per message																
DIRECT), per message																
0.00012803 0.00012803 0.0000063 0.0004707 0.0000063 0.004707 0.	- Di	\parallel			0.008087											
9ge 0.0000063 49.04 etc Tape provisioned 49.04 49.04 DIRECT), per message 0.0001069 0.0001069 cards for the capable searche or function will have as set fronth in annihizable ReliSouth fauff for as negotiated by the Parties upon request by either Party. 0.0001069	DIRECT), per message				0.00012803											
8ge 0.0004707 self Tape provisioned 0.004707 DIRECT, per message 0.00010669 cards for the cards and in an include ReliSouth faulf or as negotiated by the Parties unon request by either Party.																
age 0.004/107 elif Tape provisioned 49.04 DIRECT per message 0.0001/669 care for the concentre searche and function will find as east function will find as a sear function will find a sear function will be a		L			0.0000063			1								
etic Tape provisioned 49.04 OIRECT), per message 0.0001069 0.00001069 0.0001069 0.0001069 0.0001069 0.0001069 0.0001069 0.0001069 0.000	906	-			0.004707											
OIRECT), per message 0.00010669 0.00010669 0.00010669 0.00010669 0.00010669 0.00010669 0.00010669 0.00010669 0.00010669 0.00010669 0.0001060 0.0001060 0.0001069 0.0001060 0.0001060 0.0001060 0.0001060 0.0001060 0.0001060 0.000	etic Tape provisioned	H			49.04											
a make for the enough enough as set forth in annicable BellSouth tariff or as henotiated by the Parties upon redusest by either Party.	DIRECT), per message				0.00010669											
TO THE POT OF THE POT OT THE POT OF THE POT OF THE POT OF THE POT OF THE POT OF THE POT	se rate for the specific service	se or funk	tion will be as set fort	h in applicable B	ReliSouth tariff or	r as negotlated	d by the Parties	s upon request	by either Party.							

													A. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	•••	_
CMDC North Carolina										₹	Attachment: /		EXHIDIC A		
CREDS - NOTE: CHICALITY									Svc Order 5	ive Order	cremental	ncremental	Svc Order Svc Order Incremental Incremental Incremental Incremental	Incremental	
	_								Cutamitted Cutamitted	thoughton!	Chame -	Charme	Chame.	Charne -	
									nenumne	nonsucon.	- Salar	2			
	_		_						Elec	Manually	lanual Svc	Manual Svc	Manual Svc	Manual Svc	
	1	970	2081			RATES(S)			per LSR	per LSR	Order vs.	Order vs.	Order vs.	Order vs.	
CATEGORY KA! E ELEMENIS	merin 2018										Electronic-	Electronic-	Electronic-	Electronic-	••••
											1st	Add7	1st Add'l Disc 1st Disc Add'l	Disc Add'I	
			+		Nonro	National Action	Noorecuring Disconnect	Visconnect			OSS	OSS Rates(\$)			
			_	ď	MONE	Montecuting	Billion		H	111111111111111111111111111111111111111	144400	IN VOCA	CONTANT	COMAN	
				2	First	Add:	First	Add:	SOMEC	SOMAN	SUMAN	SCMAN	OCINAN	COMPAN	I
CMDS											_				
CENTRALIZED MESSAGE DISTRIBUTION SERVICE (CMDS)										l					
CMDS: Message Processing, per message				D.004						İ					
CMDS: Data Transmission (CONNECT:Direct), per message	_			0.001											T
ODUF/ADUF/CMDS											1			T	T
ACCESS DAR Y USAGE FILE (ADUF)															
ADLIF: Message Processing, per message				0.01435					1						
														-	
ADUJE: Data Transmission (CONNECT:DIRECT), per message	- eb			0.0001277						1					
OPTIONAL DAILY USAGE FILE (ODUF)									1	+	1	1			T
ODLE: Recording per message				0.0003						1	1				T
ODI IF: Message Propassing per massage			_	0.0032											
ODG II. Message Forescipt per money.			_	54.61											
COOL Massaga Floressing, per magnetic tape provides															
abassada - CONNECT-DIRECT - Direct - Di	a C			0.00004											
Coordinate and the second and the se	to entries or firm	tion will he se est	orth in annification	a RallSouth tarff.	for as negotiate	d by the Parties	upon request b	y either Party.		_					
NOTOE: IT NO Tate IS KIEFINED IN THE CONTRACT, USE THE IN THE SPECIAL	2014104 01 101	THE PART OF THE PA													

Cailore Couth Carolina											٩	Attachment: 7		Exhibit: A		
		-								Svc Order 8	Svc Order	Svc Order Svc Order Incremental Incremental Incremental Incremental	ncremental	Incremental	incremental	
_										Submitted Submitted	Submitted	Charge Charge Charge	Charge -	Charge -	Charge -	*******
										Elec	Manually	Manual Svc	Manual Svc	Manual Svc	Manual Svc	
		Interim Zone	S C B	Soci			RATES(S)			_	per LSR	Order vs.	Order vs.	Order vs.	Order vs.	
CATEGORY	KAIEEEEMENIS	3)						_		Electronic-	Electronic-	Electronic-	Electronic-	
												1st	AddT	Disc 1st	Disc Add"I	
		+				Nonrecurring	irrina	Nonrecurring Disconnect	Disconnect			9 SSO	OSS Rates(\$)			
		1			Rec	First	Addil	First	Add'I	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
CMDS	CENTON SERVICE (CMDS)															
CENTRAL MESS	CMDS: Message Processing her message				0.004							1				
CMDS: Data	CMDS: Data Transmission (CONNECT:Direct), per message				0.001							1				
ODUE/ADUE/CMDS	LAST CONTRACT OF THE PARTY OF T															
ACCESS DAILY USAGE FILE (ADUF)	GE FILE (ADUF)															
ADUF: Messa	ADUF: Message Processing, per message				0.008061										1	
					9000000											
ADUF: Data T	ADUF: Data Transmission (CONNECT:DIRECT), per message				0.0001.0000						T					
OPTIONAL DAILY USAGE FILE (ODUF)	SAGE FILE (ODUF)									1	1		1			
ODUF: Recor	ODUF: Recording, per message				0.0000216						+		1		t	
ODUF: Mess	ODUF: Message Processing, per message				0.004704						+					
ODUF: Mess	ODUF: Message Processing, per Magnetic Tape provisioned				48.87					1						
ODI IF. Data	ODLIE: Data Transmission (CONNECT:DIRECT), per messade				0.00010863											I
Notes: Who rate is id-	Notes: If no rate is identified in the contract, the rate for the specific service or function will be	vice or fund	tion will be as set forth	In applicable	as set forth in applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.	or as negotiated	by the Parties	upon request b	y either Party.						_	
			The second secon													

Carried T. Collins												4	Attachment: 7		Exhibit: A		
CMIDS - Lennessee		ļ	-			-			the state of the s		Cyco Order	Sun Order	Syc Order Syc Order Incremental Incremental		Incremental	Incremental	****
											340 040	1000					
											Submitted	Submitted Submitted	Charge -	Charge -	Charge -	Charge -	
			_								Filer	Manually	Manual Svc	Manual Svc	Manual Svc Manual Svc Manual Svc	Manual Svc	
			_					4								,	
Vaccated	PATE FI EMENTS	Interim Zone	Zone	BCS	SOS			KA: EU(3)			per LSR	Der LSK	Order vs.		Caer vs.	200	
2000														Electronic-	Electronic-	Electronic-	
														Add:	Disc 1st	Disc Add'l	
													í	į			
									,	- income			3 880	OSS Rates(\$)		-	
							Nonrecumng		Nonrecultura Disconnect	OBCOMBEC					1111100	111100	
						צפר	First	Addi	First	Add"	SOMEC	SOMAN	SOMAN	SOMAN	SOMAN	SOMAN	
SUND			_														
т-	CENTER INTER MESSAGE DISTRIBITION SERVICE (CMDS)																
CENTRALICED MESSAGE	Comp Converse (converse converse 1	t			7000								-	-			
CMDS: Message	CMDS: Message Processing, per message					50.0	-										
CMDS: Data Tran	CMDS: Data Transmission (CONNECT:Direct), per message					0.001							+				
ODIE/ODIE/CMDS													1				
100000000000000000000000000000000000000	THE FAMILY																
ACCESS DAILY USAGE FILE (AUUF)	FILE (AUUF)																
ADUF: Message F	ADUF: Message Processing, per message		_			0.0158054							1				
ADUE: Data Trans	ADLIE: Data Transmission (CONNECT:DIRECT), per message					0.0001387											
COTIONAL DAILY USAGE FILE (ODUE)	# E (ODIJE)																
THE PARTY OF THE P						0.0000044										-	
ODOF: Recording, per message	j, per message						+	+									
ODUF: Message	ODUF: Message Processing, per message					0.0027366							1		1		
ODUF: Message	ODLIF: Message Processing, per Magnetic Tape provisioned					52.75											-
									•								
ODLIF: Data Trans	ODLIE: Data Transmission (CONNECT:DIRECT), per message					0.0000339											
Motors if no rate to identify	Nesses is no rest to Heavillad in the contract the rate for the snorth; savice or function Will	arvice or	unction		in applicable E	BellSouth tariff c	be as set forth in applicable BellSouth tariff or as negotiated by the Parties upon request by either Party.	by the Parties	upon request b	y either Party.							

Attachment 8

Rights-of-Way, Conduits and Pole Attachments

Version: 4Q04 Standard ICA

12/09/04

Rights-of-Way, Conduits and Pole Attachments

BellSouth will provide nondiscriminatory access to any pole, duct, conduit, or right-of-way owned or controlled by BellSouth pursuant to 47 U.S.C. § 224, as amended by the Act, pursuant to terms and conditions of a separate license agreement negotiated with BellSouth.

Version: 4Q04 Standard ICA

12/09/04

Attachment 9

Performance Measurements

Version: 4Q04 Standard ICA 12/09/04

PERFORMANCE MEASUREMENTS

Upon a particular Commission's issuance of an Order pertaining to Performance Measurements in a proceeding expressly applicable to all CLECs generally, BellSouth shall implement in that state such Performance Measurements as of the date specified by the Commission. Performance Measurements that have been Ordered in a particular state can currently be accessed via the internet at http://pmap.bellsouth.com.

The following Service Quality Measurements (SQM) plan as it presently exists and as it may be modified in the future, is being included as the performance measurements currently in place for the state of Tennessee. At such time that the TRA issues a subsequent Order pertaining to Performance Measurements, such Performance Measurements shall supersede the SQM contained in the Agreement.

Version: 4Q04 Standard ICA

12/09/04

BellSouth Service Quality Measurement Plan (SQM)

Tennessee Performance Metrics

Measurement Descriptions Version 2.00

Issue Date: July 1, 2003



Introduction

The BellSouth Service Quality Measurement Plan (SQM) describes in detail the measurements produced to evaluate the quality of service delivered to BellSouth's customers both wholesale and retail. The SQM was developed to respond to the requirements of the Communications Act of 1996 Section 251 (96 Act) which required BellSouth to provide non-discriminatory access to Competitive Local Exchange Carriers (CLEC)¹ and their Retail Customers. The reports produced by the SQM provide regulators, CLECs and BellSouth the information necessary to monitor the delivery of non-discriminatory access.

This plan results from the many divergent forces evolving from the 96 Act. The 96 Act, the Georgia Public Service Commission (GPSC) Order (Docket 7892-U 12/30/97), LCUG 1-7.0, the FCC's NPRM (CC Docket 98-56 RM9101 04/17/98), the Louisiana Public Service Commission (LPSC) Order (Docket U-22252 Subdocket C 04/19/98), numerous arbitration cases, LPSC sponsored collaborative workshops (10/98-02/00), and proceedings in Alabama, Florida, Mississippi, and North Carolina have and continue to influence the SQM. Per the Order in Docket 01-00193, issued by the Tennessee Regulatory Authority on October 4, 2002, this version of the SQM reflects the Florida Public Service Commission Order Nos. PSC-02-1736-PAA-TP, issued December 10, 2002, PSC-03-0529-PAA-TP, issued April 22, 2003 and PSC-03-0603-CO-TP, issued May 15, 2003.

The SQM and the reports flowing from it must change to reflect the dynamic requirements of the industry. New measurements are added as new products, systems, and processes are developed and fielded. New products and services are added as the markets for them develop and the processes stabilize. The measurements are also changed to reflect changes in systems, correct errors, and respond to both 3rd Party audit requirements and the Florida PSC.

This document is intended for use by someone with knowledge of the telecommunications industry, information technologies and a functional knowledge of the subject areas covered by the BellSouth Performance Measurements and the reports that flow from them.

Once it is approved, the most current copy of this document can be found on the web at URL: http://pmap.bellsouth.com in the Documentation/Exhibits folder.

Report Publication Dates

Each month, preliminary SQM reports will be posted to BellSouth's SQM web site (http://pmap.bellsouth.com) by 8:00 A.M. EST on the 21st day of each month or the first business day after the 21st. The validated SQM reports will be posted by 8:00 A.M. on the last day of the month. Reports not posted by this time will be considered late for SEEM payment purposes. Validated SEEM reports will be posted on the 15th of the following month. SEEM payments due will also be paid on the

Issue Date: July 1, 2003

¹Alternative Local Exchange Companies (ALEC) and Competing Local Providers (CLP) are referred to as Competitive Local Exchange Carriers (CLEC) in this document.



15th of the following month. For instance: May data will be posted in preliminary SQM reports on June 21. Final validated SQM reports will be posted on the last day of the month. Final validated SEEM reports will be posted and payments mailed on the 15th of the following month. BellSouth shall retain the performance measurement raw data files for a period of 18 months and further retain the monthly reports produced in PMAP for a period of three years.

Report Delivery Methods

CLEC SQM and SEEM reports will be considered delivered when posted to the web site. The Tennessee Regulatory Authority has access to the web site. In addition, a copy of the SQM and Monthly State Summary reports will be filed with the TRA as soon as possible after the last day of each month.

Contents

Section 1:	Operations Support Systems (OSS)	
OSS-1:	Average Response Interval and Percent within Interval (Pre-Ordering/Ordering)	4
OSS-2:	OSS Availability (Pre-Ordering)	7
OSS-3:	OSS Availability (Maintenance & Repair)	9
OSS-4:	Response Interval (Maintenance & Repair)	11
PO-1:	Loop Makeup - Response Time - Manual	13
	Loop Makeup - Response Time - Electronic	15
C 4 3		
Section 2:	Ordering	17
O-1:	Acknowledgement Message Timeliness	17
O-2:	Acknowledgement Message Completeness	19
O-3:	Percent Flow-Through Service Requests (Summary)	21
O-4:	Percent Flow-Through Service Requests (Detail)	24
	Flow-Through Error Analysis	27
O-6:	CLEC LSR Information	
O-7:	Percent Rejected Service Requests	31
O-8:	Reject Interval	34
O-9:	Firm Order Confirmation Timeliness	
O-10:	Service Inquiry with LSR Firm Order Confirmation (FOC) Response Time Manual	42
O-11:	Firm Order Confirmation and Reject Response Completeness	44
O-12:	Speed of Answer in Ordering Center	46
P-1: P-2: P-2A:	Provisioning Mean Held Order Interval & Distribution Intervals	51
P-2B:	Percentage of Orders Given Jeopardy Notices	54
P-3:	Percent Missed Initial Installation Appointments	57
P-3A:	(Deleted) Percent Missed Installation Appointments Including Subsequent Appointment	60
P-4:	Average Completion Interval (OCI) & Order Completion Interval Distribution	61
P-4A:	(Deleted) Average Order Completion Interval (OCI) & Order Completion Interval Distribution	64
P-5:	Average Completion Notice Interval	65
P-6:	% Completions/Attempts without Notice or < 24 hours Notice	68
P-7:	Coordinated Customer Conversions Interval	70
P-7A:	Coordinated Customer Conversions - Hot Cut Timeliness% within Interval and Average Interval	12
P-7B:	Coordinated Customer Conversions – Average Recovery Time	
P-7C:	Hot Cut Conversions - % Provisioning Troubles Received within 7 Days of a Completed Service Order	79
P-8:	% Provisioning Troubles within 30 Days of Service Order Completion	81
P-9: P-10:	(Deleted) Total Service Order Cycle Time (TSOCT)	84
P-10:	Service Order Accuracy	85
P-11A:	Service Order Accuracy	87
P-12:	(Deleted) LNP-Average Disconnect Timeliness Interval & Disconnect Timeliness Interval Distribution	90
P-13B:	LNP-Percent Out of Service < 60 Minutes.	91
P-13C:	LNP-Percentage of Time BellSouth Applies the 10-Digit Trigger Prior to the LNP Order Due Date	93
P-13D:	LNP-Average Disconnect Timeliness Interval Distribution (Non-Trigger)	95
1-13D.	Eld-Avelage Discomment American Distribution (1-01-1-1981-)	
Section 4	: Maintenance & Repair	
M&R-1:	: Missed Repair Appointments	97
M&R-2:	: Customer Trouble Report Rate	100
M&R-3:	Maintenance Average Duration	103
M&R-4	: Percent Repeat Troubles within 30 Days	106



Tennessee	Performance Metrics	Contents
1		
M&R-5:	Out of Service (OOS) > 24 Hours	109
	Average Answer Time - Repair Centers	
M&R-7:	Mean Time To Notify CLEC of Network Outages	114
Section 5:	Billing	
B-1:	Invoice Accuracy	116
B-2:	Mean Time to Deliver Invoices	
B-3:	Usage Data Delivery Accuracy	120
B-4:	Usage Data Delivery Completeness	
B-5:	Usage Data Delivery Timeliness	
B-6:	Mean Time to Deliver Usage	
B-7:	Recurring Charge Completeness	
В-8:	Non-Recurring Charge Completeness	130
B-9:	Percent Daily Usage Feed Errors Corrected in "X" Business Days	132
B-10:	Percent Billing Errors Corrected in "X" Business Days	134
Section 6:	Operator Services and Directory Assistance	
OS-1:	Speed to Answer Performance/Average Speed to Answer - Toll	136
OS-2:	Speed to Answer Performance/Percent Answered within "X" Seconds – Toll	138
DA-1:	Speed to Answer Performance/Average Speed to Answer – Directory Assistance (DA)	140
DA-2:	Speed to Answer Performance/Percent Answered within "X" Seconds - Directory Assistance (DA)	
Section 7	Database Update Information	
D-1:	Average Database Update Interval	144
D-2:	Percent Database Update Accuracy	146
D-3:	Percent NXXs and LRNs Loaded by the LERG Effective Date	148
Continu 9	. F011	
Section 8		150
E-1:	Timeliness	152
E-2:	Accuracy	152
E-3:	Mean Interval	133
Section 9	: Trunk Group Performance	
TGP-1:	Trunk Group Performance-Aggregate	155
TGP-2:	Trunk Group Performance-CLEC Specific	158
	0: Collocation	
C-1:	Collocation Average Response Time	161
C-2:	Collocation Average Arrangement Time	163
C-3:	Collocation Percent of Due Dates Missed	165
Section 1	1: Change Management	
CM-1:	Timeliness of Change Management Notices	167
CM-2:	Change Management Notice Average Delay Days	169
CM-3:	Timeliness of Documents Associated with Change	171
CM-4:	Change Management Documentation Average Delay Days	173
CM-5:	Notification of CLEC Interface Outages	175
CM-6:	Percent of Software Errors Corrected in "X" (10, 30, 45) Business Days	
CM-7:	Percent of Change Requests Accepted or Rejected within 10 Days	179
CM-8:	Percent Change Requests Rejected	
CM-9:	Number of Defects in Production Releases (Type 6 CR)	
CM-10:		104
CM-11:	rescent of Change Requests implemented within of weeks of Phonitzation	



Tennessee Performance Metrics		Contents
Appendix	A: Reporting Scope	
A-1:	Standard Service Groupings	
A-2:	Standard Service Groupings	
Appendix	B: Glossary of Acronyms and Terms	
Appendix	C: BellSouth Audit Policy	
C-1:	BellSouth's Internal Audit Policy	199
C-2:	BellSouth's External Audit Policy	
Appendix	D: OSS Tables	
		200
Appendix	E: Flow-Through Matrix	
		205



Section 1: Operations Support Systems (OSS)

OSS-1: Average Response Interval and Percent within Interval (Pre-Ordering/Ordering)

Definition

The average response interval and percent within the Interval is the average times and percent of requests responded to within certain intervals for accessing legacy data associated with appointment scheduling, service and feature availability, address verification, request for Telephone numbers (TNs), and Customer Service Records (CSRs).

Exclusions

- · Syntactically incorrect queries
- · Scheduled OSS Maintenance
- · Retail usage of LENS

Business Rules

The average response interval for retrieving pre-order/order information from a given legacy system is determined by summing the response times for all requests submitted to the legacy systems during the reporting period and dividing by the total number of legacy system requests for that month.

The response interval starts when the application (LENS or TAG for CLECs and RNS or ROS for BellSouth) submits a request to the legacy system and ends when the appropriate response is received by the client application. The percent of accesses to the legacy systems during the reporting period which take less than 2.3 seconds, the percent of accesses which take more than 6 seconds, and the percent which are less than or equal to 6.3 seconds are also captured. BellSouth will not schedule maintenance during the hours from 8:00 a.m. until 9:00 p.m., Monday through Friday.

Calculation

Response Interval = (a - b)

- a = Date and Time of Legacy Response
- b = Date and Time of Legacy Request

Average Response Interval = c / d

- c = Sum of Response Intervals
- d = Number of Legacy Requests During the Reporting Period

Percent within Interval = $(e/f) \times 100$

- e = Count of requests within the designated Interval within the reporting period.
- f = Number of Legacy Requests during the Reporting Period for System for which a response was provided.

Report Structure

- Interface Type
- Not CLEC Specific
- Not Product/Service Specific
- Regional Level



Data Retained

Relating to CLEC Experience

- · Report Month
- · Legacy Contract (per reporting dimension)
- · Response Interval
- Regional Scope

Relating to BellSouth Performance

- Report Month
- · Legacy Contract (per reporting dimension)
- Response Interval
- · Regional Scope

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

- RSAG Address (Regional Street Address Guide-Address) stores street address information used to validate customer addresses. CLECs and BellSouth query this legacy system.
- RSAG TN (Regional Street Address Guide-Telephone number) contains information about facilities available and telephone
 numbers working at a given address. CLECs and BellSouth query this legacy system.
- ATLAS (Application for Telephone Number Load Administration and Selection) acts as a warehouse for storing telephone
 numbers that are available for assignment by the system. It enables CLECs and BellSouth service reps to select and reserve
 telephone numbers. CLECs and BellSouth query this legacy system.
- COFFI (Central Office Feature File Interface) stores information about product and service offerings and availability. CLECs query this legacy system.
- DSAP (DOE Support Application) provides due date information. CLECs and BellSouth query this legacy system.
- CRIS (Customer Record Information System) Source of CSR (Customer Service Record) information. Contains information
 about individual customers including listings, addresses, features, services, etc. CLECs and BellSouth can query for CSR
 information.
- P/SIMS (Product/Services Inventory Management system) provides information on capacity, tariffs, inventory and service availability. CLECs query this legacy system.
- OASIS (Obtain Available Services Information Systems) Information on feature and rate availability. BellSouth queries this
 legacy system.

SQM Analog/Benchmark

Parity + 2 seconds

(See Appendix D: Tables for SQM OSS Legacy Access Times)

SEEM Measure

SEEM	Tier I	Tier II	Tier III
Yes		X	

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation

- RSAG Address (Regional Street Address Guide-Address) stores street address information used to validate customer
 addresses. CLECs and BellSouth query this legacy system.
- RSAG TN (Regional Street Address Guide-Telephone number) contains information about facilities available and telephone
 numbers working at a given address. CLECs and BellSouth query this legacy system.
- ATLAS (Application for Telephone Number Load Administration and Selection) acts as a warehouse for storing telephone
 numbers that are available for assignment by the system. It enables CLECs and BellSouth service reps to select and reserve



- telephone numbers. CLECs and BellSouth query this legacy system.
- COFFI (Central Office Feature File Interface) stores information about product and service offerings and availability. CLECs query this legacy system.
- DSAP (DOE Support Application) provides due date information. CLECs and BellSouth query this legacy system.
- CRIS (Customer Record Information System) Source of CSR (Customer Service Record) information. Contains information
 about individual customers including listings, addresses, features, services, etc. CLECs and BellSouth can query for CSR
 information.
- P/SIMS (Product/Services Inventory Management system) provides information on capacity, tariffs, inventory and service availability. CLECs query this legacy system.
- OASIS (Obtain Available Services Information Systems) Information on feature and rate availability. BellSouth queries this
 legacy system.

SEEM Analog/Benchmark

Parity + 2 Seconds

(See Appendix D: Tables for SEEM OSS Legacy Systems)



OSS-2: OSS Availability (Pre-Ordering/Ordering)

Definition

Percent of time OSS interface is functionally available compared to scheduled availability. Availability percentages for CLEC interface and for all Legacy systems accessed by them are captured. ("Functional Availability" is the amount of time in hours during the reporting period that the legacy systems are available to users. The planned System Scheduled Availability is the time in hours per day that the legacy system is scheduled to be available.)

Scheduled availability is posted on the Interconnection website: (www.interconnection.bellsouth.com/oss/osshour.html)

Exclusions

- CLEC impacting troubles caused by factors outside of BellSouth's purview, e.g., troubles in customer equipment, troubles in networks owned by telecommunications companies other than BellSouth, etc.
- Degraded service outages which are defined as a critical function that is normally performed by the CLEC or is normally provided by an application or system available to the CLEC, but with significantly reduced response or processing time.
- · Scheduled OSS Maintenance

Business Rules

This measurement captures the functional availability of applications/interfaces as a percentage of scheduled availability for the same systems. Only full and Loss of Functionality outages are included in the calculation for this measure. Full outages are defined as occurrences of either of the following:

- Application/Interface application is down or totally inoperative.
- Application is totally inoperative for customers attempting to access or use the application. This includes transport outages when
 they may be directly associated with a specific application.
- Loss of Functionality outages are defined as:
 - A critical function that is normally performed by the CLEC or is normally provided by an application or system is temporarily unavailable to the CLEC.

Comparison to an internal benchmark provides a vehicle for determining whether or not CLECs and retail BellSouth entities are given comparable opportunities for use of pre-ordering and ordering systems.

(Note: Scheduled maintenance will not be performed between the hours of 8:00 a.m through 9:00 p.m. Monday through Friday.)

Calculation

OSS Availability (Pre-Ordering/Ordering) = (a / b) X 100

- a = Functional Availability
- b = Scheduled Availability

Report Structure

- Interface Type
- Not CLEC Specific
- Not Product/Service Specific
- Regional Level



Data Retained

Relating to CLEC Experience

- · Report Month
- Legacy Contract Type (per reporting dimension)
- · Regional Scope
- · Hours of Downtime

Relating to BellSouth Performance

- Report Month
- Legacy Contract Type (per reporting dimension)
- · Regional Scope
- · Hours of Downtime

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

SQM Analog/Benchmark

• Regional Level, Per OSS Interface.....>= 99.5%

(See Appendix D: Tables for SQM OSS Availability)

SEEM Measure

 SEEM
 Tier I
 Tier II

 Yes
 X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation

SEEM Analog/Benchmark

• Regional Level, Per OSS Interface....>= 99.5%

(See Appendix D: Tables for SEEM OSS Availability)

CCCS 649 of 866



OSS-3: OSS Availability (Maintenance & Repair)

Definition

Percent of time applications are functionally available as compared to scheduled availability. Calculations are based upon availability of applications and interfacing applications utilized by CLECs for maintenance and repair. "Functional Availability" is defined as the number of hours in the reporting period that the applications/interfaces are available to users. "Scheduled Availability" is defined as the number of hours in the reporting period that the applications/interfaces are scheduled to be available.

Scheduled availability is posted on the Interconnection website: (www.interconnection.bellsouth.com/oss/osshour.html)

Exclusions

- CLEC-impacting trouble caused by factors outside of BellSouth's purview, e.g., troubles in customer equipment, troubles in networks owned by telecommunications companies other than BellSouth, etc.
- Degraded service outages which are defined as a critical function that is normally performed by the CLEC or is normally provided by an application or system available to the CLEC, but with significantly reduced response or processing time.

Business Rules

This measurement captures the functional availability of applications/interfaces as a percentage of scheduled availability for the same systems. Only full outages are included in the calculations for this measure. Full outages are defined as occurrences of either of the following:

- Application/interfacing application is down or totally inoperative.
- Application is totally inoperative for customers attempting to access or use the application. This includes transport outages when
 they may be directly associated with a specific application.

Loss of Functionality outages are defined as:

 A critical function that is normally performed by the CLEC or is normally provided by an application or system is temporarily unavailable to the CLEC.

Comparison to an internal benchmark provides a vehicle for determining whether or not CLECs and retail BellSouth entities are given comparable opportunities for use of maintenance and repair systems.

Calculation

OSS Availability (a / b) X 100

- a = Functional Availability
- b = Scheduled Availability

Report Structure

- Interface Type
- Not CLEC Specific
- Not Product/Service Specific
- Regional Level

Data Retained

Relating to CLEC Experience

- Availability of CLEC TAFI
- Availability of LMOS HOST, MARCH, SOCS, CRIS, PREDICTOR, LNP and OSPCM



• ECTA

Relating to BellSouth Performance

- · Availability of BellSouth TAFI
- Availability of LMOS HOST, MARCH, SOCS, CRIS, PREDICTOR, LNP and OSPCM

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

SQM Analog/Benchmark

• Regional Level, Per OSS Interface....>= 99.5%

(See Appendix D: Tables for OSS Availability (M&R)

SEEM Measure

 SEEM
 Tier I
 Tier II

 Yes
 X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation

SEEM Analog/Benchmark

• Regional Level, Per OSS Interface.....>= 99.5%

(See Appendix D: Tables for SEEM OSS Availability (M&R)

BELLSOUTH*

OSS-4: Response Interval (Maintenance & Repair)

Definition

The response intervals are determined by subtracting the time a request is received on the BellSouth side of the interface from the time the response is received from the legacy system. Percentages of requests falling into each interval category are reported, along with the actual number of requests falling into those categories.

Exclusions

None

Business Rules

This measure is designed to monitor the time required for the CLEC and BellSouth interface system to obtain from BellSouth's legacy systems the information required to handle maintenance and repair functions. The clock starts on the date and time when the request is received on the BellSouth side of the interface and the clock stops when the response has been transmitted through that same point to the requester.

Note: The OSS Response Interval BellSouth Total Report is a combination of BellSouth Residence and Business Total.

Calculation

OSS Response Interval = (a - b)

- a = Query Response Date and Time
- b = Query Request Date and Time

Percent Response Interval (per category) = (c / d) X 100

- c = Number of Response Intervals in category "X"
- d = Number of Queries Submitted in the Reporting Period where, "X" is <= 4, > 4 <= 10, <= 10, > 10, or > 30 seconds.

Average Interval = (e / f)

- e = Sum of Response Intervals
- f = Number of Queries Submitted in the Reporting Period

Report Structure

- Not CLEC Specific
- Not Product/Service Specific
- Regional Level

Data Retained

Relating to CLEC Experience

• CLEC Transaction Intervals

Relating to BellSouth Performance

BellSouth Business and Residential Transactions Intervals



SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

SQM Analog/Benchmark

(See Appendix D: Tables for Legacy System Access Times for M&R)

Note: BellSouth's Appendix D lists the query functions and the appropriate legacy systems that the queries travel through to return a response.

SEEM Measure

 SEEM
 Tier I
 Tier II

 Yes
 X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation

SEEM Analog/Benchmark



PO-1: Loop Makeup - Response Time - Manual

Definition

This report measures the average interval and percent within the interval from the submission of a Manual Loop Makeup Service Inquiry (LMUSI) to the distribution of Loop Makeup information back to the CLEC.

Exclusions

- Inquiries, which are submitted electronically
- · Designated Holidays are excluded from the interval calculation
- Weekends are excluded from the interval calculation
- Canceled Inquiries

Business Rules

The CLEC Manual Loop Makeup Service Inquiry (LMUSI) process includes inquiries submitted via E-mail or FAX to BellSouth's Complex Resale Support Group (CRSG)

This measurement combines three intervals:

- 1. From receipt of a valid Service Inquiry for Loop Makeup to hand off to the Service Advocacy Center (SAC) for "Look-up."
- 2. From SAC start date to SAC complete date
- From SAC complete date to date the Complex Resale Support Group (CRSG) distributes loop makeup information back to the CLEC.

The "Receive Date" is defined as the date the Manual LMUSI is received by the CRSG. It is counted as day Zero. LMU "Return Date" is defined as the date the LMU information is sent back to the CLEC from BellSouth. The interval calculation is reset to Zero when a CLEC initiated change occurs on the Manual LMU request.

Note: The Loop Makeup Service Inquiry Form does not require the CLEC to furnish the type of Loop. The CLEC determines whether the loop makeup will support the type of service they wish to order or not and qualifies the loop. If the loop makeup will support the service, a firm order LSR is submitted by the CLEC.

(A valid Service Inquiry is an inquiry that has all required fields populated correctly and has not been returned for clarification.)

Calculation

Response Interval = (a - b)

- a = Date the LMUSI returned to CLEC
- b = Date the LMUSI is received

Average Interval = (c / d)

- c = Sum of all Response Intervals
- d = Total Number of LMUSIs received within the reporting period

Percent within interval = $(e/f) \times 100$

- e = Total LMUSIs received within the interval
- f = Total Number of LMUSIs processed within the reporting period



Report Structure

- · CLEC Aggregate
- CLEC Specific
- · Geographic Scope
 - State
 - Region
- Interval for manual LMUs:
 - $0 \le 1 \text{ day}$
 - >1 -<= 2 days
 - >2 <= 3 days
 - 0 <= 3 days
 - >3 <= 6 days
 - >6 <= 10 days
 - > 10 days
- · Average Interval in days

Data Retained

Relating to CLEC Experience

- · Report Month
- Total Number of Inquiries
- SI Intervals
- State and Region

Relating to BellSouth Performance

SQM Disaggregation - Analog/Benchmark



PO-2: Loop Makeup - Response Time - Electronic

Definition

This report measures the average interval and the percent within the interval from the electronic submission of a Loop Makeup Service Inquiry (LMUSI) to the distribution of Loop Makeup information back to the CLEC.

Exclusions

- · Manually submitted inquiries
- · Canceled Requests

Business Rules

The response interval starts when the CLEC's Mechanized Loop Makeup Service Inquiry (LMUSI) is submitted electronically through the Operational Support Systems interface, TAG. It ends when BellSouth's Loop Facility Assignment and Control System (LFACS) responds electronically to the CLEC with the requested Loop Makeup data via the TAG Interface. LSRs submitted via LENs will be reflected in the results for the TAG interface.

Note: The Loop Makeup Service Inquiry Form does not require the CLEC to furnish the type of Loop. The CLEC determines whether the loop makeup will support the type of service they wish to order or not and qualifies the loop. If the loop makeup will support the service, a firm order LSR is submitted by the CLEC. EDI is not a pre-ordering system, and, therefore, is not applicable in this measure.

Calculation

Response Interval = (a - b)

- a = Date and Time the LMUSI returned to CLEC
- b = Date and Time the LMUSI is received

Average Interval = (c / d)

- c = Sum of all response intervals
- d = Total Number of LMUSIs received within the reporting period

Percent within interval = $(e/f) \times 100$

- e = Total LMUSIs received within the interval
- f = Total Number of LMUSIs processed within the reporting period

Report Structure

- CLEC Aggregate
- CLEC Specific
- Geographic Scope
 - State
 - Region
- Interval for electronic LMUs:
 - $0 \le 1$ minute
 - >1 -<= 5 minutes
 - $0 \le 5$ minutes
 - > 5 <= 8 minutes
 - $> 8 \le 15$ minutes

PO-2: Loop Makeup - Response Time - Electronic



Tennessee Performance Metrics

- > 15 minutes
- Average Interval in minutes

Data Retained

Relating to CLEC Experience

- Report Month
- Total Number of Inquires
- SI Interval
- State and Region

Relating to BellSouth Performance

• Not Applicable

SQM Disaggregation - Analog/Benchmark

@ **BELL**SOUTH'



O-1: Acknowledgement Message Timeliness

Definition

This measurement provides the response interval and percent within the interval from the time an LSR or transmission (may contain multiple LSRs from one or more CLECs in multiple states) is electronically submitted via EDI or TAG until an acknowledgement notice is sent by the system.

Exclusions

- Scheduled OSS Maintenance
- Manually Submitted LSRs

Business Rules

The process includes EDI and TAG system functional acknowledgements for all Local Service Requests (LSRs) which are electronically submitted by the CLEC. The start time is the receipt time of the LSR at BellSouth's side of the interface (gateway). The end time is when the acknowledgement is transmitted by BellSouth at BellSouth's side of the interface (gateway). For those CLECs using EDI, if more than one CLEC uses the same ordering center, an Acknowledgement Message will be returned to the "Aggregator", however, BellSouth will not be able to determine which specific CLEC this message represented.

Calculation

Response Interval = (a - b)

- a = Date and Time Acknowledgement Notices returned to CLEC
- b = Date and Time Messages/LSRs electronically submitted by the CLEC via EDI or TAG respectively

Average Response Interval = (c / d)

- c = Sum of all Response Intervals for returned acknowledgements
- d = Total number of electronically submitted Messages/LSRs received, via EDI or TAG respectively, for which Acknowledgement Notices were returned in the Reporting Period.

Percent within Interval = $(e/f) \times 100$

- e = Total number of electronically submitted messages/LSRs received, from CLEC via EDI or TAG respectively, in the Reporting Period.
- f = Total number of electronically submitted messages/LSRs acknowledged in the Reporting Period.

Reporting Structure

- CLEC Aggregate
- CLEC Specific
- Geographic Scope
 - Region
- Electronically Submitted LSRs
 - 0 = 10 minutes
 - > 10 <= 20 minutes
 - > 20 <= 30 minutes
 - $0 \le 30$ minutes
 - $> 30 \le 45$ minutes
 - $> 45 \le 60$ minutes



- $> 60 \le 120$ minutes
- > 120 minutes
- · Average interval for electronically submitted LSRs in minutes

Data Retained

Relating to CLEC Experience

- · Report Month
- · Record of Functional Acknowledgements

Relating to BellSouth Performance

• Not Applicable

SQM Disaggregation - Analog/Benchmark

BELLSOUTH*

O-2: Acknowledgement Message Completeness

Definition

This measurement provides the percent of Messages/LSRs received via EDI or TAG, which are acknowledged electronically.

Exclusions

Manually submitted LSRs

Business Rules

EDI and TAG send Functional Acknowledgements for all LSRs, which are electronically submitted by a CLEC. For those CLECs using EDI, if more than one CLEC uses the same ordering center, an Acknowledgement Message will be returned to the "Aggregator", however, BellSouth will not be able to determine which specific CLEC this message represented. The Acknowledgement Message is returned prior to the determination of whether the LSR will be partially mechanized or fully mechanized.

Calculation

Acknowledgement Completeness = (a / b) X 100

- a = Total number of Functional Acknowledgements returned in the reporting period for Messages/LSRs electronically submitted by EDI or TAG respectively
- b = Total number of electronically submitted Messages/LSRs received in the reporting period by EDI or TAG respectively

Report Structure

- CLEC Aggregate
- CLEC Specific
- Geographic Scope
 - Region

Note: Acknowledgement message is generated before the system recognizes whether this message (LSR) will be partially or fully mechanized.

Data Retained

Relating to CLEC Experience

- · Report Month
- Record of Functional Acknowledgements

Relating to BellSouth Performance

· Not Applicable

SQM Disaggregation - Analog/Benchmark

O-2: Acknowledgement Message Completeness

Tennessee Performance Metrics

SEEM Measure

SEEM Tier I Tier II
YesX

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation

SEEM Analog/Benchmark



@ BELLSOUTH*

O-3: Percent Flow-Through Service Requests (Summary)

Definition

The percentage of Local Service Requests (LSR) and LNP Local Service Requests (LNP LSRs) submitted electronically via the CLEC mechanized ordering process that flow through and reach a status for a FOC to be issued, without manual intervention.

Exclusions

- Fatal Rejects
- Auto Clarification
- Manual Fallout for Percent Flow-Through only
- **CLEC System Fallout**
- Scheduled OSS Maintenance

Business Rules

The CLEC mechanized ordering process includes all LSRs, including supplements (subsequent versions) which are submitted through one of the three gateway interfaces (TAG, EDI and LENS), that flow through and reach a status for a FOC to be issued, without manual intervention. These LSRs can be divided into two classes of service: Business and Residence, and two types of service: Resale, and Unbundled Network Elements (UNE). The CLEC mechanized ordering process does not include LSRs which are submitted manually (for example, fax and courier) or are not designed to flow through (for example, Manual Fallout.)

Definitions:

Fatal Rejects: Errors that prevent an LSR, submitted electronically by the CLEC, from being processed further. When an LSR is submitted by a CLEC, LEO/LNP Gateway will perform edit checks to ensure the data received is correctly formatted and complete. For example, if the PON field contains an invalid character, LEO/LNP Gateway will reject the LSR and the CLEC will receive a Fatal Reject.

Auto-Clarification: Clarifications that occur due to invalid data within the LSR. LESOG/LAUTO will perform data validity checks to ensure the data within the LSR is correct and valid. For example, if the address on the LSR is not valid according to RSAG, or if the LNP is not available for the NPA NXX requested, the CLEC will receive an Auto-Clarification.

Manual Fallout: Planned Fallout that occur by design. Certain LSRs are designed to fallout of the Mechanized Order Process due to their complexity. These LSRs are manually processed by the LCSC. When a CLEC submits an LSR, LESOG/LAUTO will determine if the LSR should be forwarded to LCSC for manual handling. Following are the categories for Manual Fallout:

- 1. Complex*
- Special pricing plans
- 3. Some Partial migrations (All LNP Partial Migrations)
- New telephone number not yet posted to BOCRIS
- Pending order review required
- CSR inaccuracies such as invalid or missing CSR data in CRIS
- Expedites (requested by the CLEC)
- 8. Denials-restore and conversion, or disconnect and conversion orders
- Class of service invalid in certain states with some types of service
- 10. Low volume such as activity type "T" (move)
- 11. More than 25 business lines, or more than 15 loops
- 12. Transfer of calls option for the CLEC end users
- 13. Directory Listings (Identions and Captions)
- 14. LNP Only Supplement LSRs except supps of O-2 (Due Date Changes) on Req Type CB

*See LSR Flow-Through Matrix in Appendix E for a list of services, including complex services, and whether LSRs issued for the services are eligible to flow through. The matrix is updated automatically when new services are added or the systems are improved to allow a service to flow through. The current version of the Flow-Through Matrix is on the PMAP website (http://pmap.bellsouth.com) in the Documentation/Exhibits folder. Any change in the flow-through order category from flow-through to non-flow-through shall require prior



Commission approval.

Total System Fallout: Errors that require manual review by the LCSC to determine if the error is caused by the CLEC, or is due to BellSouth system functionality. If it is determined the error is caused by the CLEC, the LSR will be sent back to the CLEC for clarification. If it is determined the error is BellSouth caused, the LCSC representative will correct the error, and the LSR will continue to be processed.

Z Status: LSRs that receive a supplemental LSR submission prior to final disposition of the original LSR.

Calculation

Percent Flow Through = a / [b - (c + d + e + f)] X 100

- a = the total number of LSRs that flow through LESOG/LAUTO and reach a status for a FOC to be issued
- b = the number of LSRs passed from LEO/LNP Gateway to LESOG/LAUTO
- c = the number of LSRs that fallout for manual processing
- d = the number of LSRs that are returned to the CLEC for auto clarification
- \bullet e = the number of LSRs that are returned to the CLEC from the LCSC due to CLEC clarification
- f = the number of LSRs that receive a Z status.

Percent Achieved Flow Through = a / [b - (c + d + e)] X 100

- a = the number of LSRs that flow through LESOG/LAUTO and reach a status for a FOC to be issued.
- b = the number of LSRs passed from LEO/LNP Gateway to LESOG/LAUTO
- c = the number of LSRs that are returned to the CLEC for auto clarification
- d = the number of LSRs that are returned to the CLEC from the LCSC due to CLEC clarification
- e = the number of LSRs that receive Z status

Report Structure

- CLEC Aggregate
 - Region

Data Retained

Relating to CLEC Experience

- Report Month
- Total Number of LSRs Received, by Interface, by CLEC
 - TAG
 - EDI
 - LENS
- Total Number of Errors by Type, by CLEC
 - Fatal Rejects
 - Auto Clarification
 - CLEC Caused System Fallout
- Total Number of Errors by Error Code
- · Total Fallout for Manual Processing

Relating to BellSouth Performance

- Report Month
- Total Number of Errors by Type
 - BellSouth System Error

@ BELLSOUTH*

SQM Disaggregation - Analog/Benchmark

SQM Level of DisaggregationSQM Analog/Benchmarka• ResidenceBenchmark: 95%• BusinessBenchmark: 90%• UNE - LoopsBenchmark: 85%• UNE-PBenchmark: 90%• LNPBenchmark: 85%

SEEM Measure

SEEM	Tier I	Tier II
Yes		X

SEEM Disaggregation - Analog/Benchmark

SEEM Analog/Benchmark	

^a Benchmarks do not apply to the "Percent Achieved Flow-Through."



O-4: Percent Flow-Through Service Requests (Detail)

Definition

A detailed list, by CLEC, of the percentage of Local Service Requests (LSR) and LNP Local Service Requests (LNP LSRs) submitted electronically via the CLEC mechanized ordering process that flow through and reach a status for a FOC to be issued, without manual or human intervention.

Exclusions

- · Fatal Rejects
- Auto Clarification
- Manual Fallout for Percent Flow-Through only
- CLEC System Fallout
- · Scheduled OSS Maintenance

Business Rules

The CLEC mechanized ordering process includes all LSRs, including supplements (subsequent versions) which are submitted through one of the three gateway interfaces (TAG, EDI, and LENS), that flow through and reach a status for a FOC to be issued, without manual intervention. These LSRs can be divided into two classes of service: Business and Residence, and two types of service: Resale, and Unbundled Network Elements (UNE). The CLEC mechanized ordering process does not include LSRs, which are submitted manually (for example, fax and courier) or are not designed to flow through (for example, Manual Fallout.)

Definitions:

Fatal Rejects: Errors that prevent an LSR, submitted electronically by the CLEC, from being processed further. When an LSR is submitted by a CLEC, LEO/LNP Gateway will perform edit checks to ensure the data received is correctly formatted and complete. For example, if the PON field contains an invalid character, LEO/LNP Gateway will reject the LSR and the CLEC will receive a Fatal Reject.

Auto-Clarification: Clarifications that occur due to invalid data within the LSR. LESOG/LAUTO will perform data validity checks to ensure the data within the LSR is correct and valid. For example, if the address on the LSR is not valid according to RSAG, or if the LNP is not available for the NPA NXX requested, the CLEC will receive an Auto-Clarification.

Manual Fallout: Planned Fallout that occur by design. Certain LSRs are designed to fallout of the Mechanized Order Process due to their complexity. These LSRs are manually processed by the LCSC. When a CLEC submits an LSR, LESOG/LAUTO will determine if the LSR should be forwarded to LCSC for manual handling. Following are the categories for Manual Fallout:

- I. Complex*
- 2 Special pricing plans
- 3. Some Partial migrations (All LNP Partial Migrations)
- 4. New telephone number not yet posted to BOCRIS
- 5. Pending order review required
- 6. CSR inaccuracies such as invalid or missing CSR data in CRIS
- 7. Expedites (requested by the CLEC)
- 8. Denials-restore and conversion, or disconnect and conversion orders
- 9. Class of service invalid in certain states with some types of service
- 10. Low volume such as activity type "T" (move)
- 11. More than 25 business lines, or more than 15 loops
- 12. Transfer of calls option for the CLEC end users
- 13. Directory Listings (Identions and Captions)
- 14. LNP Only Supplement LSRs except supps of O-2 (Due Date Changes) on Req Type CB

*See LSR Flow-Through Matrix in Appendix E for a list of services, including complex services, and whether LSRs issued for the services are eligible to flow through. The matrix is updated automatically when new services are added or the systems are improved to allow a service to flow through. The current version of the Flow-Through Matrix is on the PMAP website (http://pmap.bellsouth.com) in the



Documentation/Exhibits folder. Any change in the flow-through order category from flow-through to non-flow-through shall require prior Commission approval.

Total System Fallout: Errors that require manual review by the LCSC to determine if the error is caused by the CLEC, or is due to BellSouth system functionality. If it is determined the error is caused by the CLEC, the LSR will be sent back to the CLEC for clarification. If it is determined the error is BellSouth caused, the LCSC representative will correct the error, and the LSR will continue to be processed.

Z Status: LSRs that receive a supplemental LSR submission prior to final disposition of the original LSR.

Calculation

Percent Flow Through = $a / [b - (c + d + e + f)] \times 100$

- a = the total number of LSRs that flow through LESOG/LAUTO and reach a status for a FOC to be issued
- b = the number of LSRs passed from LEO/LNP Gateway to LESOG/LAUTO
- c = the number of LSRs that fallout for manual processing
- d = the number of LSRs that are returned to the CLEC for auto clarification
- e = the number of LSRs that are returned to the CLEC from the LCSC due to CLEC clarification
- f = the number of LSRs that receive a Z status.

Percent Achieved Flow Through = a / [b - (c + d + e)] X 100

- a = the number of LSRs that flow through LESOG/LAUTO and reach a status for a FOC to be issued
- b = the number of LSRs passed from LEO/LNP Gateway to LESOG/LAUTO
- c = the number of LSRs that are returned to the CLEC for auto clarification
- d = the number of LSRs that are returned to the CLEC from the LCSC due to CLEC clarification
- e = the number of LSRs that receive Z status

Report Structure

Provides the flow through percentage for each CLEC (by alias designation) submitting LSRs through the CLEC mechanized ordering process. The report provides the following:

- CLEC (by alias designation)
- Number of fatal rejects
- Mechanized interface used
- Total mechanized LSRs
- · Total manual fallout
- Number of auto clarifications returned to CLEC
- Number of validated LSRs
- Number of BellSouth caused fallout
- Number of CLEC caused fallout
- · Number of Service Orders Issued
- Base calculation
- CLEC error excluded calculation
- Region

Data Retained

Relating to CLEC Experience

- · Report Month
- Total Number of LSRs Received, by Interface, by CLEC
 - TAG
 - EDI
 - LENS
- Total Number of Errors by Type, by CLEC
 - Fatal Rejects
 - Auto Clarification



- CLEC Errors
- Total Number of Errors by Error Code
- Total Fallout for Manual Processing

Relating to BellSouth Performance

- Report Month
- Total Number of Errors by Type
 - BellSouth System Error

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark ^a		
• Residence	Ranchmark: 050/		
Business	Benchmark: 90%		
- ONE - LOOPS	Benchmark: 85%		
• UNE-P	Benchmark: 90%		
• LNP	Benchmark: 85%		
SEEM Measure			

SEEM Measure

SEEM	Tier I	Tier II
Yes	X	

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
Residence	Benchmark: 95%
• Business	Benchmark: 90%
UNE- Loops UNE-P	Benchmark: 85%
• LNP	Benchmark: 90% Benchmark: 85%

^a Benchmarks do not apply to the "Percent Achieved Flow-Through."



Flow-Through Error Analysis

Definition

An analysis of each error type (by error code) that was experienced by the LSRs that did not flow through or reached a status for a FOC to be issued

Exclusions

Each Error Analysis is error code specific, therefore exclusions are not applicable.

Business Rules

The CLEC mechanized ordering process includes all LSRs, including supplements (subsequent versions) which are submitted through one of the three gateway interfaces (TAG, EDI, and LENS), that flow through and reach a status for a FOC to be issued. The CLEC mechanized ordering process does not include LSRs which are submitted manually (for example, fax and courier).

Calculation

Total for each error type

Report Structure

Provides an analysis of each error type (by error code). The report is in descending order by count of each error code and provides the following:

- Error Type (by error code)
- Count of each error type
- Percent of each error type
- Cumulative percent
- Error Description
- CLEC Caused Count of each error code
- Percent of aggregate by CLEC caused count
- · Percent of CLEC caused count
- BellSouth Caused Count of each error code
- Percent of aggregate by BellSouth caused count
- Percent of BellSouth by BellSouth caused count.

Data Retained

Relating to CLEC Experience

- Report Month
- Total Number of LSRs Received
- Total Number of Errors by Type (by Error Code)
 - CLEC caused error



Relating to BellSouth Performance

- Report Month
- Total Number of Errors by Type (by Error Code)
 - BellSouth System Error

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation • Not Applicable			SQM Analog/Benchmark	
SEEM Measu	ıre			
SEEM No	Tier I	Tier II		
SEEM Disaggregation - Analog/Benchmark				
SEEM Disaggre	gation		SEEM Analog/Benchmark	



O-6: CLEC LSR Information

Definition

A list with the flow through activity of LSRs by CC, PON and Ver, issued by each CLEC during the report period.

Exclusions

- Fatal Rejects
- LSRs Submitted Manually

Business Rules

The CLEC mechanized ordering process includes all LSRs, including supplements (subsequent versions) which are submitted through one of the three gateway interfaces (TAG, EDI, and LENS), that flow through and reach a status for a FOC to be issued. The CLEC mechanized ordering process does not include LSRs which are submitted manually (for example, fax and courier).

Calculation

Not Applicable

Report Structure

Provides a list with the flow through activity of LSRs by CC, PON and Ver, issued by each CLEC during the report period with an explanation of the columns and content. This report is available on a CLEC specific basis. The report provides the following for each LSR.

- CC
- PON
- Ver
- Timestamp
- Type
- Err #
- · Note or Error Description

Data Retained

Relating to CLEC Experience

- · Report Month
- Record of LSRs Received by CC, PON and Ver
- Record of Timestamp, Type, Err # and Note or Error Description for Each LSR by CC, PON and Ver

Relating to BellSouth Performance

· Not Applicable

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

SQM Analog/Benchmark

SEEM Measure

SEEM Tier! Ti

No.....

Tier II

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation

SEEM Analog/Benchmark

Not Applicable......Not Applicable



O-7: Percent Rejected Service Requests

Definition

Percent Rejected Service Request is the percent of total Service Requests [(Local Service Requests (LSRs) or Access Service Requests (ASRs)] received which are rejected due to error or omission. Service Requests are considered valid when they are submitted by the CLEC and pass edit checks to insure the data received is correctly formatted and complete.

Exclusions

- Service Requests canceled by the CLEC prior to being rejected/clarified.
- Fatal Rejects
- Order Activities of BellSouth or the CLEC associated with internal or administrative use of local services (Record Orders, Test Orders, etc.) where identifiable
- · LSRs identified as "Projects"

Business Rules

Fully Mechanized: An LSR/Service Request is considered "rejected" when it is submitted electronically but does not pass edit checks in the ordering systems (EDI, LENS, TAG, LESOG, LNP Gateway, LAUTO) and is returned to the CLEC without manual intervention. There are two types of "Rejects" in the Mechanized category:

A Fatal Reject occurs when a CLEC attempts to electronically submit an LSR but required fields are either not populated or incorrectly populated and the request is returned to the CLEC before it is considered a valid LSR.

Fatal rejects are reported in a separate column, and for informational purposes ONLY. They are not considered in the calculation of the percent of total LSRs rejected or the total number of rejected LSRs.

An Auto Clarification occurs when a valid LSR is electronically submitted but rejected from LESOG or LAUTO because it does not pass further edit checks for order accuracy.

Partially Mechanized: A valid LSR, which is electronically submitted (via EDI, LENS, TAG) but cannot be processed electronically and "falls out" for manual handling. It is then put into "clarification" and sent back (rejected) to the CLEC.

Non-Mechanized: LSRs which are faxed or mailed to the LCSC for processing and "clarified" (rejected) back to the CLEC by the BellSouth service representative.

Interconnection Trunks: Interconnection Trunks are ordered on Access Service Requests (ASRs). ASRs are submitted to and processed by the Local Interconnection Service Center (LISC). Trunk data is reported as a separate category.

Calculation

Percent Rejected Service Requests = (a / b) X 100

- a = Total Number of Service Requests Rejected in the reporting period
- b = Total Number of Service Requests Received in the reporting period

Report Structure

- Fully Mechanized, Partially Mechanized, Non-Mechanized
- Trunks
- CLEC Specific
- CLEC Aggregate
- Geographic Scope
 - State



- Region
- Product Specific percent Rejected
- Total percent Rejected

Data Retained

Relating to CLEC Experience

- Report Month
- Total Number of LSRs
- Total Number of Rejects
- State and Region
- Total Number of ASRs (Trunks)

Relating to BellSouth Performance

• Not Applicable

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

SQM Analog/Benchmark

Mechanized, Partially Mechanized and Non-Mechanized

- Resale Business
- Resale Design (Special)
- Resale PBX
- Resale Centrex
- Resale ISDN
- LNP (Standalone)
- INP (Standalone)
- 2W Analog Loop Design
- 2W Analog Loop Non-Design
- 2W Analog Loop with INP Design
- 2W Analog Loop with INP Non-Design
- 2W Analog Loop with LNP Design
- 2W Analog Loop with LNP Non-Design
- UNE Digital Loop < DS1
 UNE Digital Loop >= DS1
- UNE Loop + Port Combinations
- UNE Combination Other
- UNE ISDN Loop
- UNE Other Design
- UNE Other Non-Design
- UNE Line Splitting
- EELs
- Switch Ports
- UNE xDSL (ADSL, HDSL, UCL)
- Line Sharing
- Local Interoffice Transport
- Local Interconnection Trunks

SEEM Measure

SEEM	Tier I	Tier II
No		



Ordering

SEEM Disaggregation - Analog/Benchmark

SEEM Dis	aggregation
----------	-------------

SEEM Analog/Benchmark

33

CCCS 674 of 866



O-8: Reject Interval

Definition

Reject Interval is the average reject time from receipt of Service Requests [(Local Service Requests (LSRs) or Access Service Requests (ASRs)] to the distribution of a Reject. Service Requests are considered valid when they are submitted by the CLEC and pass edit checks to insure the data received is correctly formatted and complete. When there are multiple rejects on a single version of an LSR, the first reject issued is used for the calculation of the interval duration.

Exclusions

- · Service Requests canceled by CLEC prior to being rejected/clarified.
- · Fatal Rejects
- Designated Holidays are excluded from the interval calculation for partially mechanized and non-mechanized LSRs/ASRs only.
- · LSRs which are identified and classified as "Projects"

Non-business hours for Partially Mechanized and Non-Mechanized LSRs are excluded from the interval calculation. The excluded time is the time outside of normal operations which can be found at the following website: http://www.interconnection.bellsouth.com/centers/html/lcsc.html

Local Interconnection Service Center (LISC) - Monday through Friday 4:30 PM until 8:00 AM From 4:30 PM Friday until 8:00 AM Monday

The hours excluded will be altered to reflect changes in the Center operating hours. The LCSC will accept faxed LSRs only during posted hours of operation.

The interval will be the amount of time accrued from receipt of the LSR until normal closing of the center if an LSR is worked using overtime hours.

In the case of a Partially Mechanized LSR received and worked after normal business hours, the interval will be set at one (1) minute.

Business Rules

The Reject interval is determined for each rejected LSR processed during the reporting period. The Reject interval is the elapsed time from when BellSouth receives LSR (date and time stamps in EDI or TAG) until that LSR is rejected back to the CLEC. Elapsed time for each LSR (date and time stamps in EDI or TAG) is accumulated for each reporting dimension. The accumulated time for each reporting dimension is then divided by the associated total number of rejected LSRs to produce the reject interval distribution.

Fully Mechanized: The elapsed time from receipt of a valid electronically submitted LSR (date and time stamp in EDI translator or TAG) until the LSR is rejected (date and time stamp or reject in EDI translator, or TAG). Auto Clarifications are considered in the Fully Mechanized category.

Partially Mechanized: The elapsed time from receipt of a valid electronically submitted LSR (date and time stamp in EDI translator or TAG) until it falls out for manual handling. The stop time on partially mechanized LSRs is when the LCSC Service Representative clarifies the LSR back to the CLEC via EDI translator, or TAG.

Non-Mechanized: The elapsed time from receipt of a valid LSR (date and time stamp of FAX or date and time mailed LSR is received in the LCSC) until notice of the reject (clarification) is returned to the CLEC via LON.

Interconnection Trunks: Interconnection Trunks are ordered on Access Service Requests (ASRs). ASRs are submitted to and processed by the Local Interconnection Service Center (LISC). Trunk data is reported as a separate category.

CCCS 675 of 866

BELLSOUTH"

Calculation

Reject Interval = (a - b)

- a = Date and Time of Service Request Rejection
- b = Date and Time of Service Request Receipt

Average Reject Interval = (c / d)

- c = Sum of all Reject Intervals
- d = Number of Service Requests Rejected in Reporting Period

Reject Interval Distribution = $(e/f) \times 100$

- e = Service Requests Rejected in reported interval
- f = Total Number of Service Requests Rejected in Reporting Period

Report Structure

- Fully Mechanized, Partially Mechanized, Non-Mechanized
- CLEC Specific
- CLEC Aggregate
- Geographic Scope
 - State
 - Region
- · Fully Mechanized:
 - 0 <= 4 minutes
 - > 4 <= 8 minutes
 - >8 <= 12 minutes
 - > 12 <= 60 minutes
 - $0 \le 1 \text{ hour}$
 - > 1 <= 4 hours
 - > 4 <= 8 hours
 - > 8 <= 12 hours
 - > 12 <= 16 hours
 - > 16 <= 20 hours
 - > 20 <= 24 hours
 - > 24 hours
- Partially Mechanized:
 - 0 <= 1 hour
 - > 1 <= 4 hours
 - > 4 <= 8 hours
 - > 8 <= 10 hours
 - $0 \le 10 \text{ hours}$
 - > 10 <= 18 hours
 - 0 <= 18 hours
 - > 18 <= 24 hours
 - > 24 hours
- · Non-mechanized:
 - $0 \le 1 \text{ hour}$
 - > 1 <= 4 hours
 - > 4 <= 8 hours
 - > 8 <= 12 hours
 - > 12 <= 16 hours > 16 - <= 20 hours
 - > 20 <= 24 hours
 - 0 <= 24 hours
 - > 24 hours
- Trunks:



- $0 \le 36 \text{ hours}$
- > 36 hours
- Average Interval is reported in business hours.

Data Retained

Relating to CLEC Experience

- · Report Month
- Reject Interval
- Total Number of LSRs
- Total Number of Rejects
- State and Region
- Total Number of ASRs (Trunks)

Relating to BellSouth Performance

· Not Applicable

UNE Other Design
UNE Other Non-Design
UNE Line Splitting

UNE xDSL (ADSL, HDSL, UCL)

Local Interoffice Transport

EELs Switch Ports

Line Sharing

SQM Disaggregation - Analog/Benchmark

SQM L	evel of Disaggregation	SQM Analog/Benchmark
•	Resale Residence	. Fully Mechanized: 97% <= 1 Hour
•	Resale – Business	. Partially Mechanized: 95% <= 10 Hours
•	Resale - Design (Special)	Non Mechanized: 95% <= 24 Hours
•	Resale PBX	
•	Resale Centrex	
•	Resale ISDN	·
•	LNP (Standalone)	
•	INP (Standalone)	
•	2W Analog Loop Design	
•	2W Analog Loop Non-Design	
•	2W Analog Loop with INP Design	•
•	2W Analog Loop with INP Non-Design	
•	2W Analog Loop with LNP Design	
•	2W Analog Loop with LNP Non-Design	
•	UNE Digital Loop < DS1	
•	UNE Digital Loop >= DS1	
•	UNE Loop + Port Combinations	
•	UNE Combination Other	

Local Interconnection Trunks: 95% <= 36 Hours



SEEM Measure

SEEM Disaggregation - Analog/Benchmark

SEEM [Disaggregation	SEEM Analog/Benchmark
•	Fully Mechanized	97% <= 1 hour
•	Partially Mechanized	95% <= 10 hours
•	Non-Mechanized	95% <= 24 hours
•	Local Interconnection Trunks	95% <= 36 hours

CCCS 678 of 866



O-9: Firm Order Confirmation Timeliness

Definition

Interval for Return of a Firm Order Confirmation (FOC Interval) is the average response time from receipt of valid LSR or ASR to distribution of a Firm Order Confirmation. The interval will include an electronic facilities check.

Exclusions

- Service Requests canceled by CLEC prior to being confirmed.
- Designated Holidays are excluded from the interval calculation for partially mechanized and non-mechanized LSRs/ASRs only.
- LSRs which are identified and classified as "Projects"

Non-business hours for Partially Mechanized and Non-Mechanized LSRs are excluded from the interval calculation. The excluded time is the time outside of normal operations which can be found at the following website: http://www.interconnection.bellsouth.com/centers/html/lcsc.html

For ASRs processed in the Local Interconnection Service Center (LISC) - From 4:30~PM~All~hours~outside~of~Monday - Friday <math>8:00~AM - 4:30~PM~CST,~should~be~excluded.

The hours excluded will be altered to reflect changes in the Center operating hours. The Centers will accept faxed LSRs only during posted hours of operation.

The interval will be the amount of time accrued from receipt of the LSR until normal closing of the center if an LSR is worked using overtime hours.

In the case of a Partially Mechanized LSR received and worked after normal business hours, the interval will be set at one (1) minute.

Business Rules

Fully Mechanized: The elapsed time from receipt of a valid electronically submitted LSR (date and time stamp in EDI or TAG) until the LSR is processed, appropriate service orders are generated and a Firm Order Confirmation is returned to the CLEC via EDI translator or TAG.

Partially Mechanized: The elapsed time from receipt of a valid electronically submitted LSR (date and time stamp in EDI, or TAG) which falls out for manual handling until appropriate service orders are issued by a BellSouth service representative via Direct Order Entry (DOE) or Service Order Negotiation Generation System (SONGS) to SOCS and a Firm Order Confirmation is returned to the CLEC via EDI translator, or TAG.

Non-Mechanized: The elapsed time from receipt of a valid paper LSR (date and time stamp of FAX or date and time paper LSRs received in LCSC) until appropriate service orders are issued by a BellSouth service representative via Direct Order Entry (DOE) or Service Order Negotiation Generation System (SONGS) to SOCS and a Firm Order Confirmation is sent to the CLEC via LON.

Interconnection Trunks: Interconnection Trunks are ordered on Access Service Requests (ASRs). ASRs are submitted to and processed by the Local Interconnection Service Center (LISC). The elapsed time is measured from receipt of a valid ASR (date and time stamp of a FAX or paper ASR received in the LISC) until the appropriate orders are issued by a BellSouth representative and a FOC issued in EXACT. Trunk data is reported as a separate category.

Note: When multiple FOCs occur on a single version of an LSR, the first FOC is used to measure the interval.

@ **BELL**SOUTH"

Calculation

Firm Order Confirmation Interval = (a - b)

- a = Date and Time of Firm Order Confirmation
- b = Date and Time of Service Request Receipt

Average FOC Interval = (c/d)

- c = Sum of all Firm Order Confirmation Times
- d = Number of Service Requests Confirmed in Reporting Period

FOC Interval Distribution = $(e / f) \times 100$

- e = Service Requests Confirmed in Designated Interval
- f = Total Service Requests Confirmed in the Reporting Period

Report Structure

- Fully Mechanized, Partially Mechanized, Non-Mechanized
 - CLEC Specific
 - CLEC Aggregate
- Geographic Scope
 - State
 - Region
- Fully Mechanized:
 - 0 <= 15 minutes
 - > 15 <= 30 minutes
 - > 30 <= 45 minutes
 - > 45 <= 60 minutes
 - $> 60 \le 90 \text{ minutes}$
 - > 90 <= 120 minutes
 - > 120 <= 180 minutes
 - $0 \le 3 \text{ hours}$
 - > 3 <= 6 hours
 - > 6 <= 12 hours
 - > 12 <= 24 hours
 - > 24 <= 48 hours
 - > 48 hours
- Partially Mechanized:
 - $0 \leftarrow 4 \text{ hours}$
 - > 4 <= 8 hours
 - > 8 <= 10 hours
 - 0 <= 10 hours
 - > 10 <= 18 hours
 - $0 \le 18 \text{ hours}$
 - > 18 <= 24 hours
 - $> 24 \le 48$ hours
 - > 48 hours
- Non-mechanized:
 - $0 \le 4$ hours
 - > 4 <= 8 hours
 - > 8 <= 12 hours
 - > 12 <= 16 hours
 - 0 <= 24 hours
 - > 16 <= 20 hours
 - > 20 <= 24 hours
 - > 24 <= 36 hours
 - $0 \le 36 \text{ hours}$



- $> 36 \le 48$ hours
- > 48 hours
- Trunks:
 - $0 \le 48 \text{ hours}$
 - > 48 hours
- · Average Interval is reported in business hours

Data Retained

Relating to CLEC Experience

- Report Month
- Interval for FOC
- Total Number of LSRs
- State and Region
- Total Number of ASRs (Trunks)

Relating to BellSouth Performance

• Not Applicable

SQM Disaggregation - Analog/Benchmark

SQM L	evel of Disaggregation	SQM Analog/Benchmark
•	Resale – Residence	. Fully Mechanized: 95% <= 3 Hours
•	Resale – Business	Partially Mechanized: 95% <= 10 Hours
•	Resale – Design (Special)	. Non-Mechanized: 95% <= 24 Hours
•	Resale PBX	2 110415
•	Resale Centrex	
•	Resale ISDN	
•	LNP (Standalone)	
•	INP (Standalone)	
•	2W Analog Loop Design	
•	2W Analog Loop Non-Design	
•	2W Analog Loop with INP Design	
•	2W Analog Loop with INP Non-Design	
•	2W Analog Loop with LNP Design	
•	2W Analog Loop with LNP Non-Design	
•	UNE Digital Loop < DS1	
•	UNE Digital Loop >= DS1	
•	UNE Loop + Port Combinations	
•	UNE Combination Other	
•	UNE ISDN Loop	
•	UNE Other Design	
•	UNE Other Non-Design	
•	UNE Line Splitting	
•	EELs	
•	Switch Ports	
•	UNE xDSL (ADSL, HDSL, UCL)	
	Line Sharing	
•	Local Interoffice Transport	
•	Local Interconnection Trunks	Trunks: 95% <= 48 Hours
SEEM	Measure	
SE	EM Tier I Tier II	
Y	es X X	



SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmar
 Fully Mechanized Partially Mechanized Non-Mechanized Local Interconnection Trunks 	95% <= 3 Hours 95% <= 10 Hours 95% <= 24 Hours



Definition

This report measures the interval and the percent within the interval from the submission of a Service Inquiry (SI) with Firm Order LSR to the distribution of a Firm Order Confirmation (FOC).

Exclusions

- Designated Holidays are excluded from the interval calculation.
- Weekend hours from 5:00 PM Friday until 8:00AM Monday are excluded from the interval calculation of the Service Inquiry.
- Canceled Requests
- Electronically Submitted Requests
- Non-business hours for Partially Mechanized and Non-Mechanized LSRs are excluded from the interval calculation. The excluded time is the time outside of normal operations which can be found at the following website: http://www.interconnection.bellsouth.com/centers/html/lcsc.html

Business Rules

This measurement combines four intervals:

- 1. From receipt of a valid Service Inquiry with LSR to hand off to the Service Advocacy Center (SAC) for Loop 'Look-up'.
- 2. From SAC start date to SAC complete date.
- 3. From SAC complete date to the Complex Resale Support Group (CRSG) complete date with hand off to LCSC.
- 4. From receipt of a valid SI/LSR in the LCSC to Firm Order Confirmation.

(A valid Service Inquiry is an inquiry that has all required fields populated correctly and has not been returned for clarification.)

Calculation

FOC Timeliness Interval with SI = (a - b)

- a = Date and Time Firm Order Confirmation (FOC) for SI with LSR returned to CLEC
- b = Date and Time SI with LSR received

Average Interval = (c / d)

- c = Sum of all FOC Timeliness Intervals with SI
- d = Total number of SIs with LSRs received in the reporting period

Percent Within Interval = $(e / f) \times 100$

- e = Total number of Service Inquiries with LSRs received by the CRSG to distribution of FOC by the Local Carrier Service Center (LCSC)
- f = Total number of Service Inquiries with LSRs received in the reporting period

Report Structure

- CLEC Aggregate
- CLEC Specific
- Geographic Scope
 - State
 - Region

¹See O-9 for FOC Timeliness



- Intervals
 - $0 \le 3 \text{ days}$
 - $> 3 \le 5 \text{ days}$
 - $0 \le 5$ days
 - > 5 <= 7 days
 - $> 7 \le 10 \text{ days}$
 - $> 10 \le 15 \text{ days}$
 - >15 days
- Average Interval measured in days

Data Retained

Relating to CLEC Experience

- Report Month
- Total Number of Requests
- SI Intervals
- State and Region

Relating to BellSouth Performance

· Not Applicable

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

SQM Analog/Benchmark

- Unbundled Interoffice Transport

SEEM Measure

SEEM Tier I Tier II

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation

SEEM Analog/Benchmark



O-11: Firm Order Confirmation and Reject Response Completeness

Definition

A response is expected from BellSouth for every Local Service Request transaction (version). Firm Order Confirmation and Reject Response Completeness is the corresponding number of Local Service Requests received to the combination of Firm Order Confirmation and Reject Responses.

Exclusions

- Service Requests canceled by the CLEC prior to FOC or Rejected/Clarified
- Fatal Rejects
- LSRs identified as "Projects"

Business Rules

Mechanized – The number of FOCs or Auto Clarifications sent to the CLEC from EDI, or TAG in response to electronically submitted LSRs.

Partially Mechanized – The number of FOCs or Rejects sent to the CLEC from EDI, or TAG in response to electronically submitted LSRs which fall out for manual handling by the LCSC personnel.

Non-Mechanized: The number of FOCs or Rejects sent to the CLECs by FAX server.

Interconnection Trunks: Interconnection Trunks are ordered on Access Service Requests (ASRs). ASRs are submitted to and processed by the Local Interconnection Service Center (LISC). Trunk data is reported as a separate category.

For CLEC Results:

Percent responses is determined by computing the number of Firm Order Confirmations and Rejects transmitted by BellSouth and dividing by the number of Local Service Requests (all versions) received in the reporting period.

Calculation

Firm Order Confirmation / Reject Response Completeness = (a / b) X 100

- a = Total Number of Service Requests for which a Firm Order Confirmation or Reject is Sent
- b = Total Number of Service Requests Received in the Report Period

Report Structure

Fully Mechanized, Partially Mechanized, Non-Mechanized and Interconnection Trunks

- State and Region
- CLEC Specific
- CLEC Aggregate

Data Retained

Relating to CLEC Experience

- Report Month
- Total Number of LSRs
- · Total Number of rejects



- Total Number of ASRs (Trunks)
- Total Number of FOCs

Relating to BellSouth Performance

· Not Applicable

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

SQM Analog/Benchmark

- Resale Business
- Resale Design (Special)
- Resale PBX
- Resale Centrex
- Resale ISDN
- LNP (Standalone)
- INP (Standalone)
- 2W Analog Loop Design
- 2W Analog Loop Non-Design
- 2W Analog Loop with INP Design
- 2W Analog Loop with INP Non-Design
- 2W Analog Loop with LNP Design
- 2W Analog Loop with LNP Non-Design
- UNE Digital Loop < DS1
- UNE Digital Loop >= DS1
- UNE Loop + Port Combinations
- **UNE Combination Other**
- UNE ISDN Loop
- UNE Other Design
- UNE Other Non-Design
- **UNE Line Splitting**
- **EELs**
- Switch Ports
- UNE xDSL (ADSL, HDSL, UCL)
- Line Sharing
- Local Interoffice Transport
- Local Interconnection Trunks

SEEM Measure

SEEM	Tier I	Tier II
Yes	X	X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation

SEEM Analog/Benchmark

- Fully Mechanized95% Returned Partially Mechanized
- Non-Mechanized
- Local Interconnection Trunks

@ **BELL**SOU



O-12: Speed of Answer in Ordering Center

Definition

Measures the average time a customer is in queue.

Exclusions

None

Business Rules

The clock starts when the appropriate option is selected (i.e., 1 for Resale Consumer, 2 for Resale Multiline, and 3 for UNE-LNP, etc.) and the call enters the queue for that particular group in the LCSC. The clock stops when a BellSouth service representative in the LCSC answers the call. The speed of answer is determined by measuring and accumulating the elapsed time from the entry of a CLEC call into the BellSouth automatic call distributor (ACD) until a service representative in BellSouth's Local Carrier Service Center (LCSC) answers the CLEC call.

Calculation

Speed of Answer in Ordering Center = (a / b)

- a = Total seconds in queue
- b = Total number of calls answered in the Reporting Period

Report Structure

Aggregate

- CLEC Local Carrier Service Center
- BellSouth
 - Business Service Center
- Geographic Scope
 - Region

Data Retained

Relating to CLEC Experience

Mechanized Tracking Through LCSC Automatic Call Distributor

Relating to BellSouth Performance

· Mechanized Tracking Through BellSouth Retail Center Support System



SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

SQM Analog/Benchmark

Aggregate

SEEM Measure

 SEEM
 Tier I
 Tier II

 Yes
 X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation

SEEM Analog/Benchmark



Section 3: Provisioning

P-1: Mean Held Order Interval & Distribution Intervals

Definition

When delays occur in completing CLEC orders, the average period that CLEC orders are held for BellSouth reasons, pending a delayed completion, should be no worse for the CLEC when compared to BellSouth delayed orders. Calculation of the interval is the total days orders are held and pending but not completed that have passed the currently committed due date; divided by the total number of held orders. This report is based on orders still pending, held and past their committed due date. The distribution interval is based on the number of orders held and pending but not completed over 15 and 90 days. (Orders reported in the >90 day interval are also included in the >15 day interval.)

Exclusions

- Order Activities of BellSouth or the CLEC associated with internal or administrative use of local services (Record Orders, Listing Orders, Test Orders, etc.) Test order types may be C, N, R, or T
- Disconnect (D) & From (F) orders
- Orders with Appointment Code of 'A', i.e., orders for locations requiring special construction including locations where no address
 exists and a technician must make a field visit to determine how to get facilities to the location.

Business Rules

Mean Held Order Interval: This metric is computed at the close of each report period. The held order interval is established by first identifying all orders, at the close of the reporting interval, that both have not been reported as completed in SOCS and have passed the currently committed due date for the order and identifying all orders that have been reported as completed in SOCS after the currently committed due date for the order. For each such order, the number of calendar days between the earliest committed due date on which BellSouth had a company missed appointment and the close of the reporting period is established and represents the held order interval for that particular order. The held order interval is accumulated by the standard groupings, unless otherwise noted, and the reason for the order being held. The total number of days accumulated in a category is then divided by the number of held orders within the same category to produce the mean held order interval. The interval is by calendar days with no exclusions for Holidays or Sundays.

CLEC Specific reporting is by type of held order (facilities, equipment, other), total number of orders held, and the total and average days.

Held Order Distribution Interval: This measure provides data to report total days held and identifies these in categories of >15 days and > 90 days. (Orders counted in >90 days are also included in > 15 days).

Calculation

Mean Held Order Interval = a / b

- a = Sum of held-over-days for all Past Due Orders Held with a BellSouth Missed Appointment from the earliest BellSouth missed appointment
- b = Number of Past Due Orders Held and Pending But Not Completed and past the committed due date

Held Order Distribution Interval (for each interval) = (c / d) X 100

- c = # of Orders Held for ≥ 15 days or # of Orders Held for ≥ 90 days
- d = Total # of Past Due Orders Held and Pending But Not Completed)

CCCS 689 of 866



Report Structure

- CLEC Specific
- CLEC Aggregate
- BellSouth Aggregate
- Circuit Breakout < 10, >= 10 (except trunks)
- Dispatch/Non-Dispatch
- Geographic Scope
 - State
 - Region

Data Retained

Relating to CLEC Experience

- Report Month
- CLEC Order Number and PON (PON)
- Order Submission Date (TICKET_ID)
- Committed Due Date (DD)
- Service Type (CLASS_SVC_DESC)
- Hold Reason
- Total Line/Circuit Count
- Geographic Scope

Note: Code in parentheses is the corresponding header found in the raw data file.

Relating to BellSouth Performance

- Report Month
- BellSouth Order Number
- Order Submission Date
- Committed Due Date
- Service Type
- Hold Reason
- Total Line/Circuit Count
- Geographic Scope

SQM Disaggregation - Analog/Benchmark

nchmark
nd Business (POTS)
nd Business (POTS)
nd Business Dispatch
nd Business - (POTS Excluding
ers)
nd Business Dispatch
nd Business – (POTS Excluding
ers)
nd Business Dispatch
nd Business – (POTS Excluding
ers)

@ BELLSOUTH*

Tennessee Performance Metrics

 UNE Digital Loop < DS1 UNE Loop + Port Combinations. - Dispatch In. - Switch Based. UNE Switch Ports. UNE Combo Other UNE xDSL (HDSL, ADSL and UCL). UNE ISDN (Includes UDC). UNE Line Sharing. UNE Other Design. UNE Other Non-Design. Local Transport (Unbundled Interoffice Transport). Local Interconnection Trunks. UNE Line Splitting. EELs. 	Retail Digital Loop >= DS1 Retail Residence and Business Dispatch Switched Based Retail Residence and Business (POTS) Retail Residence, Business and Design Dispatch ADSL Provided to Retail Retail ISDN - BRI ADSL Provided to Retail Retail Design Retail Design Retail Residence and Business Retail DS1/DS3 Interoffice Parity with Retail ADSL to Retail
SEEM Measure SEEM Tier I Tier II No SEEM Disaggregation - Analog/Benchmark SEEM Disaggregation • Not Applicable	SEEM Analog/Benchmark Not Applicable

CCCS 691 of 866



P-2: Average Jeopardy Notice Interval & Percentage of Orders Given Jeopardy Notices

(Deleted)



P-2A: Jeopardy Notice Interval

Definition

When BellSouth can determine in advance that a committed due date is in jeopardy for facility delay, it will provide advance notice to the CLEC.

The interval is from the date/time the notice is released to the CLEC/BellSouth systems until 5pm on the due date of the order.

Exclusions

- · Orders held for CLEC end user reasons
- Disconnect (D) and From (F) orders
- Orders with Jeopardy Notice when jeopardy is identified on the due date. This exclusion only applies when the technician on
 premises has attempted to provide service but must refer to Engineer or Cable Repair for facility jeopardy.
- Orders issued with a due date of < = 48 hours.

Business Rules

When BellSouth can determine in advance that a committed due date is in jeopardy for facility delay, it will provide advance notice to the CLEC. The number of committed orders in a report period is the number of orders that have a due date in the reporting period. Jeopardy notices for interconnection trunk results are usually zero as these trunks seldom experience facility delays. The Committed Due Date is considered the Confirmed Due Date. This report measures dispatched orders only. If an order is originally sent as non-dispatch and it is determined there is a facility delay, the order is converted to a dispatch code so the facility problem can be corrected. It will remain coded dispatched until completion.

Calculation

Jeopardy Interval = a - b

- a = Date and Time of Scheduled Due Date on Service Order
- b = Date and Time of Jeopardy Notice

Average Jeopardy Interval = c / d

- c = Sum of all Jeopardy Intervals
- d = Number of Orders Notified of Jeopardy in Reporting Period

Report Structure

- CLEC Specific
- CLEC Aggregate
- · BellSouth Aggregate
- Mechanized Orders
- Non-Mechanized Orders
- Dispatch/Non-Dispatch
- Geographic Scope
 - State
 - Region

Data Retained

Relating to CLEC Experience

- Report Month
- CLEC Order Number and PON



- Date and Time Jeopardy Notice Sent
- Committed Due Date
- Service Type

Relating to BellSouth Performance

- Report Month
- BellSouth Order Number
- Date and Time Jeopardy Notice Sent
- Committed Due Date
- Service Type

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
Resale Residence	95% > = 48 hours
Resale Business	$95\% > = 48 \text{ hours}$
Resale Design	
Resale PBX	$95\% > = 48 \text{ hours}$
Resale Centrex	
Resale ISDN	95% > = 48 hours
LNP (Standalone)	95% > = 48 hours
INP (Standalone)	$95\% > = 48$ hours
2W Analog Loop Design	$95\% > = 48 \text{ hours}$
2W Analog Loop Non-Design	$95\% > = 48$ hours
2W Analog Loop with LNP - Design	$95\% > = 48$ hours
2W Analog Loop with LNP- Non-Design	$95\% > = 48 \text{ hours}$
2W Analog Loop with INP-Design	$95\% > = 48 \text{ hours}$
2W Analog Loop with INP-Non-Design	$95\% > = 48$ hours
UNE Digital Loop < DS1	$95\% > = 48$ hours
• UNE Digital Loop >= DS1	$95\% > = 48$ hours
UNE Loop + Port Combinations	$95\% > = 48 \text{ hours}$
- Dispatch In	Dispatch In
- Switch Based • UNF Switch Ports	Switch Based
UNE Switch Ports UNE Combo Other	$95\% > = 48 \text{ hours}$
UNE xDSL (HDSL, ADSL and UCL)	95% > = 48 nours
UNE ISDN (Includes UDC)	95% > = 48 hours
UNE Line Sharing	05% > - 48 hours
UNE Other Design	05% > - 48 hours
UNE Other Non-Design	050/ > = 40 hours
Local Transport (Unbundled Interoffice Transport)	05% > - 48 hours
Local Interconnection Trunks	05% > = 48 hours
UNE Line Splitting	95% > = 48 hours
• EELs	95% > = 48 hours
SEEM Measure	To hours
SEEM Tier I Tier II	
No	
SEEM Disaggregation	SEEM Analog/Benchmark
Not Applicable	-
too tappitouoio	Not Applicable

BELLSOUTH*



Definition

When BellSouth can determine in advance that a committed due date is in jeopardy for facility delay, it will provide advance notice to the CLEC.

The Percent of Orders is the percentage of orders given jeopardy notices for facility delay in the count of orders confirmed in the report period.

Exclusions

- Orders held for CLEC end user reasons
- · Disconnect (D) and From (F) orders

Business Rules

When BellSouth can determine in advance that a committed due date is in jeopardy for facility delay, it will provide advance notice to the CLEC. The number of committed orders in a report period is the number of orders that have a due date in the reporting period. Jeopardy notices for interconnection trunks results are usually zero as these trunks seldom experience facility delays. The Committed due date is considered the Confirmed due date. This report measures dispatched orders only. If an order is originally sent as non-dispatch and it is determined there is a facility delay, the order is converted to a dispatch code so the facility problem can be corrected. It will remain coded dispatched until completion.

Calculation

Percent of Orders Given Jeopardy Notice = (a / b) X 100

- a = Number of Orders Given Jeopardy Notices in Reporting Period
- b = Number of Orders Confirmed (due) in Reporting Period

Percent of Orders Given Jeopardy Notice > = 48 hours = (c / d) X 100

- c = Number of Orders Given Jeopardy Notice >= 48 hours in Reporting Period (electronic only)
- d = Number of Orders Given Jeopardy Notices in Reporting Period (electronic only)

Report Structure

- CLEC Specific
- CLEC Aggregate
- BellSouth Aggregate
- Mechanized Orders
- Non-Mechanized Orders
- Dispatch/Non-Dispatch
- Geographic Scope
 - State
 - Region

Data Retained

Relating to CLEC Experience

- · Report Month
- CLEC Order Number and PON



- Date and Time Jeopardy Notice sent
- Committed Due Date
- Service Type

Relating to BellSouth Performance

- Report Month
- BellSouth Order Number
- Date and Time Jeopardy Notice sent
- Committed Due Date
- Service Type

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
Resale Residence	
Resale Business	Retail Rusiness
Resale Design	Retail Design
Resale PBX	Retail PRY
Resale Centrex	Retail Centrey
Resale ISDN	Retail ICDM
• LNP (Standalone)	Retail Residence and Pusiness (DOTS)
• INP (Standalone)	Retail Residence and Business (POTS)
2W Analog Loop Design 2W Analog Loop New Design	Retail Residence and Business (FOIS)
2W Analog Loop Non-Design	Retail Residence and Business — (POTS Evoluting Switch
	Based Orders)
2W Analog Loop with LNP - Design	Retail Residence and Business Dispotch
2W Analog Loop with LNP - Non-Design	Retail Residence and Business - (POTS Excluding Switch-
	Rased Orders)
• 2W Analog Loop with INP-Design	Retail Residence and Business Dispatch
2W Analog Loop with INP-Non-Design	Retail Residence and Business - (POTS Excluding Switch-
	Based Orders)
• UNE Digital Loop <ds1< th=""><th> Retail Digital Loop <ds1< th=""></ds1<></th></ds1<>	Retail Digital Loop <ds1< th=""></ds1<>
• UNE Digital Loop >=DS1	Retail Digital Loop >= DS1
• UNE Loop + Port Combinations	Retail Residence and Rusiness
- Dispatch in	- Dispatch In
- Switch Dased	- Switch Based
ONE SWICH FORS	Retail Residence and Business (POTS)
CIVE Combo Other	Retail Residence, Business and Design Dispatch
CITE ADDE (TIDDE, ADDE and OCL)	ADSL Provided to Retail
CIVE ISDIN (HICITAGES ODC)	Retail ISDN - BRI
UNE Line SharingUNE Other Design	ADSL Provided to Retail
LINE Other Non-Design	Retail Design
UNE Other Non-Design Local Transport (Unbundled Intereffice Transport)	Retail Residence and Business
 Local Transport (Unbundled Interoffice Transport) Local Interconnection Trunks 	Retail DS1/DS3 Interoffice
UNE Line Splitting	ranty with Retail
UNE Line SplittingEELs	ADSL Provided to Retail
	Ketan DS1/DS3



SEEM	Measure
------	---------

SEEM	Tier I	Tier II
No		•••••
SEEM Disaggrog	ation	

SEEM Disaggregation

SEEM Analog/Benchmark



P-3: Percent Missed Initial Installation Appointments

Definition

"Percent missed initial installation appointments" monitors the reliability of BellSouth commitments with respect to committed due dates to assure that the CLEC can reliably quote expected due dates to their retail customer as compared to BellSouth. This measure is the percentage of total orders processed for which BellSouth is unable to complete the service orders on the committed due dates and reported for Total misses and End User Misses.

Exclusions

- Orders canceled prior to the due date including orders that are to be provisioned on the same day they are placed. ("Zero Due Date Orders")
- Order Activities of BellSouth or the CLEC associated with internal or administrative use of local services (Record Orders, Listing Orders Test Orders, etc., Order types may be coded C, N, R or T)
- Disconnect (D) & From (F) orders
- · End User Misses

Business Rules

Percent Missed Initial Installation Appointments (PMI) is the percentage of orders with completion dates in the reporting period that are past the original committed due date. Missed Appointments caused by end-user reasons will be excluded and reported separately. The first commitment date on the service order that is a missed appointment is the missed appointment code used for calculation whether it is a BellSouth missed appointment or an End User missed appointment. The "due date" is any time on the confirmed due date. Which means there cannot be a cutoff time for commitments, as certain types of orders are requested to be worked after standard business hours. Also, during Daylight Savings Time, field technicians are scheduled until 9PM in some areas and the customer is offered a greater range of intervals from which to select.

Calculation

Percent Missed Installation Appointments = (a / b) X 100

- a = Number of Orders with Completion date in Reporting Period past the Original Committed Due Date
- b = Number of Orders Completed in Reporting Period

Report Structure

- CLEC Specific
- CLEC Aggregate
- BellSouth Aggregate
- Report in Categories of <10 lines/circuits >= 10 lines/circuits (except trunks)
- Dispatch/Non-Dispatch (except Trunks)
- Geographic Scope
 - State
 - Region

Data Retained

Relating to CLEC Experience

- Report Month
- CLEC Order Number and PON (PON)
- Committed Due Date (DD)



- Completion Date (CMPLTN DD)
- Status Type
- Status Notice Date
- Standard Order Activity

Note: Code in parentheses is the corresponding header found in the raw data file.

Relating to BellSouth Performance

- · Report Month
- BellSouth Order Number
- Committed Due Date (DD)
- Completion Date (CMPLTN DD)
- Status Type
- Status Notice Date
- · Standard Order Activity

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
Resale Residence	Retail Residence
Resale Business	Retail Business
Resale Design	Retail Design
Resale PBX	
Resale Centrex	Retail Centrex
Resale ISDN	Retail ISDN
LNP (Standalone)	
INP (Standalone)	
2W Analog Loop Design	Retail Residence and Business Dispatch
2W Analog Loop Non-Design	Retail Residence and Business - (POTS Excluding
	Switch- Based Orders)
2W Analog Loop With LNP - Design	Retail Residence and Business Dispatch
2W Analog Loop With LNP- Non-Design	Retail Residence and Business – (POTS Excluding
	Switch-Based Orders)
2W Analog Loop With INP-Design	Retail Residence and Business Dispatch
2W Analog Loop With INP-Non-Design	Retail Residence and Business – (POTS Excluding
	Switch-Based Orders)
UNE Digital Loop < DS1	Retail Digital Loop < DS1
UNE Digital Loop >= DS1	Retail Digital Loop >= DS1
UNE Loop + Port Combinations	
- Dispatch In	Dispatch In
- Switch Based	
UNE Switch Ports	` /
UNE Combo Other	
UNE xDSL (HDSL, ADSL and UCL)	ADSL Provided to Retail
- Without Conditioning	Without Conditioning
- With Conditioning	offer this service to Retail)
UNE ISDN	
UNE Line Sharing Without Conditioning	
With Conditioning	
UNE Other Design	
UNE Other Non-Design	
Local Transport (Unbundled Interoffice Transport)	
Local Interconnection Trunks	Parity with Retail
UNE Line Splitting Without Conditioning	
With Conditioning	
• EELs	
UNE UDC/IDSL	
	10001 101011 - 10101



SEEM Measure

 SEEM
 Tier I
 Tier II

 Yes
X
 X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
Resale Residence	Retail Residence
Resale Business	Retail Business
Resale Design	Retail Design
Resale PBX	Retail PBX
Resale Centrex	Retail Centrex
Resale ISDN	Retail ISDN
LNP (Standalone)	Retail Residence and Business (POTS)
INP (Standalone)	
2W Analog Loop Design	
2W Analog Loop Non-Design	
	Switch-Based Orders)
2W Analog Loop With LNP - Design	
2W Analog Loop With LNP- Non-Design	
	Switch-Based Orders)
2W Analog Loop With INP-Design	
2W Analog Loop With INP-Non-Design	
	Switch-Based Orders)
• UNE Digital Loop < DS1	
• UNE Digital Loop >= DS1	Retail Digital Loop >=DS1
UNE Loop + Port Combinations	
- Dispatch In	
- Switch Based • UNE Switch Ports	
UNE XDSL (HDSL, ADSL and UCL)	
- Without Conditioning	- Without Conditioning
- With Conditioning	- With Conditioning (BellSouth does not offer this
٠	service to Retail)
UNE ISDN	
UNE Line Sharing Without Conditioning	
With Conditioning	ADSL Provided to Retail
 Local Transport (Unbundled Interoffice Transport) 	
Local Interconnection Trunks	
UNE Line Splitting Without Conditioning	ADSL Provided to Retail
With Conditioning	
UNE Other Design	
UNE Other Non-Design	
• EELs	
UNE UDC/IDSL	Retail ISDN - BRI



P-3A: Percent Missed Installation Appointments Including Subsequent Appointments

(Deleted)



P-4: Average Completion Interval (OCI) & Order Completion Interval Distribution

Definition

The "average completion interval" measure monitors the interval of time it takes BellSouth to provide service for the CLEC or its own customers. The "Order Completion Interval Distribution" provides the percentages of orders completed within certain time periods. This report measures how well BellSouth meets the interval offered to customers on service orders.

Exclusions

- · Canceled Service Orders
- Order Activities of BellSouth or the CLEC associated with internal or administrative use of local services (Record Orders, Listing Orders, Test Orders, etc.)
- Disconnect (D & F) orders (Except "D" orders associated with LNP Standalone)
- "L" Appointment coded orders (where the customer has requested a later than offered interval)
- End user-caused misses

Business Rules

The actual completion interval is determined for each order processed during the reporting period. The completion interval is the elapsed time from when BellSouth issues a FOC or SOCS date time stamp receipt of an order from the CLEC to BellSouth's actual order completion date. The clock starts when a valid order number is assigned by SOCS and stops when the technician or system completes the order in SOCS. Elapsed time for each order is accumulated for each reporting dimension. The accumulated time for each reporting dimension is then divided by the associated total number of orders completed. Orders that are worked on zero due dates are calculated with a .33-day interval (8 hours) in order to report a portion of a day interval. These orders are issued and worked/completed on the same day. They can be either flow through orders (no field work-non-dispatched) or field orders (dispatched).

The interval breakout for UNE and Design is: 0.5 = 0.45, 5.10 = 5.410, 10.15 = 10.415, 15.20 = 15.420, 15.20 =

Calculation

Completion Interval = (a - b)

- a = Completion Date
- b = FOC/SOCS date time-stamp (application date)

Average Completion Interval = (c / d)

- c = Sum of all Completion Intervals
- d = Count of Orders Completed in Reporting Period

Order Completion Interval Distribution (for each interval) = (e / f) X 100

- e = Service Orders Completed in "X" days
- f = Total Service Orders Completed in Reporting Period

Report Structure

- CLEC Specific
- CLEC Aggregate
- BellSouth Aggregate
- Dispatch/Non-Dispatch categories applicable to all levels except trunks
- Residence and Business reported in day intervals = 0,1,2,3,4,5,5+
- UNE and Design reported in day intervals =0-5,5-10,10-15,15-20,20-25,25-30, >= 30
- All Levels are reported <10 line/circuits; >= 10 line/circuits (except trunks)



- Geographic Scope
 - State
 - Region

Data Retained

Relating to CLEC Experience

- Report Month
- CLEC Company Name
- Order Number (PON)
- · Application Date and Time
- Completion Date (CMPLTN_DT)
- Service Type (CLASS_SVC_DESC)
- · Geographic Scope

Note: Code in parentheses is the corresponding header found in the raw data file.

Relating to BellSouth Performance

- Report Month
- · BellSouth Order Number
- Order Submission Date and Time
- · Order Completion Date and Time
- Service Type
- · Geographic Scope

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
Resale Residence	Retail Residence
Resale Business	Retail Business
Resale Design	Retail Design
Resale PBX	Retail PBX
Resale Centrex	Retail Centrex
Resale ISDN	
LNP (Standalone)	
INP (Standalone)	
2W Analog Loop Design	
2W Analog Loop Non-Design	
	Switch-Based Orders)
2W Analog Loop with LNP - Design	
2W Analog Loop with LNP- Non-Design	Retail Residence and Business - (POTS Excluding
	Switch-Based Orders)
2W Analog Loop with INP-Design	
2W Analog Loop with INP-Non-Design	
	Switch-Based Orders)
UNE Digital Loop < DS1	Retail Digital Loop < DS1
• UNE Digital Loop >= DS1	Retail Digital Loop >= DS1
UNE Loop + Port Combinations	
- Dispatch In	Dispatch In
- Switch Based	Switch Based
UNE Switch Ports	Retail Residence and Business (POTS)
 UNE xDSL (HDSL, ADSL and UCL) 	
- Without Conditioning	
- With Conditioning	
• UNE ISDN	
UNE Line Sharing Without Conditioning	ADSL Provided to Retail



	With Conditioning	<= 12 Days
•	Local Transport (Unbundled Interoffice Transport)	Retail DS1/DS3 Interoffice
	Local Interconnection Trunks	
•	UNE Line Splitting Without Conditioning	
	With Conditioning	
•	UNE Other Design	Retail Design
•	UNE Other Non-Design	Retail Residence and Business
	EELs	
•	UNE UDC/IDSL	Retail ISDN - BRI

SEEM Measure

SEEM	Tier I	Tier	II
Yes	X	X	

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
Resale Residence	Retail Residence
Resale Business	Retail Business
Resale Design	Retail Design
Resale PBX	Retail PBX
Resale Centrex	Retail Centrex
Resale ISDN	Retail ISDN
LNP (Standalone)	Retail Residence and Business (POTS)
INP (Standalone)	Retail Residence and Business (POTS)
2W Analog Loop Design	Retail Residence and Business Dispatch
2W Analog Loop Non-Design	Retail Residence and Business - (POTS Excluding
	Switch-Based Orders)
2W Analog Loop with LNP - Design	Retail Residence and Business Dispatch
2W Analog Loop with LNP- Non-Design	Retail Residence and Business - (POTS Excluding
	Switch-Based Orders)
2W Analog Loop with INP-Design	Retail Residence and Business Dispatch
2W Analog Loop with INP-Non-Design	Retail Residence and Business – (POTS Excluding
· .	Switch-Based Orders)
UNE Digital Loop < DS1	Retail Digital Loop < DS1
• UNE Digital Loop >= DS1	Retail Digital Loop >=DS1
UNE Loop + Port Combinations	Retail Residence and Business
- Dispatch In	Dispatch In
- Switch Based	
UNE Switch Ports	
UNE Combo Other	Retail Residence, Business and Design Dispatch
UNE xDSL (HDSL, ADSL and UCL)	6 D
- Without Conditioning With Conditioning	<= 5 Days
UNE ISDN	
UNE ISBN UNE Line Sharing Without Conditioning	
With Conditioning	
Local Transport (Unbundled Interoffice Transport)	Retail DS1/DS3 Interoffice
Local Interconnection Trunks	
UNE Line Splitting Without Conditioning	
With Conditioning	
UNE Other Design	
UNE Other Non-Design	
• EELs	
UNE UDC/IDSL	



P-4A: Average Order Completion and Completion Notice Interval (AOCCNI)
Distribution

(Deleted)



P-5: Average Completion Notice Interval

Definitions

The Completion Notice Interval is the elapsed time between the BellSouth reported completion of work and the issuance of a valid completion notice to the CLEC.

Exclusions

- · Canceled Service Orders
- Order Activities of BellSouth or the CLEC associated with internal or administrative use of local services (Record Orders, Listing Orders, Test Orders, etc.) Test order types may be C, N, R, or T.
- D & F orders (Exception: "D" orders associated with LNP Standalone)

Business Rules

Measurement on interval of completion date and time entered by a field technician on dispatched orders, and 5PM start time on the due date for non-dispatched orders; to the release of a notice to the CLEC/BellSouth of the completion status. The field technician notifies the CLEC the work was complete and then he/she enters the completion time stamp information in his/her computer. This information switches through to the SOCS systems either completing the order or rejecting the order to the Work Management Center (WMC). If the completion is rejected, it is manually corrected and then completed by the WMC. The notice is returned on each individual order.

The start time for all orders is the completion stamp either by the field technician or the 5PM due date stamp; the end time for mechanized orders is the time stamp the notice was delivered to the CLEC interface (LENS, EDI, OR TAG). For non-mechanized orders-the end time will be date and timestamp of order update from the FAX record via LON or C-SOTS system. For the retail analog, the start time is when the technician completes the order and the end time is when the order status is changed to complete in SOCS.

Calculation

Completion Notice Interval = (a - b)

- a = Date and Time of Notice of Completion
- b = Date and Time of Work Completion

Average Completion Notice Interval = c / d

- c = Sum of all Completion Notice Intervals
- d = Number of Orders with Notice of Completion in Reporting Period

Report Structure

- CLEC Specific
- CLEC Aggregate
- · BellSouth Aggregate
- Mechanized Orders
- Non-Mechanized Orders
- Dispatch/Non-Dispatch
- Reporting intervals in Hours; 0,1- <= 2, > 2 <= 4, > 4 <= 8, > 8 <= 12, > 12- <= 24, > 24 plus Overall Average Hour Interval
- Reported in categories of <10 line / circuits; >= 10 line/circuits (except trunks)
- Geographic Scope
 - State
 - Region

P-5: Average Completion Notice Interval

Data Retained

Relating to CLEC Experience

- Report Month
- CLEC Order Number (so_nbr)
- Work Completion Date (cmpltn_dt)
- Work Completion Time
- Completion Notice Availability Date
- Completion Notice Availability Time
- Service Type
- Geographic Scope

Note: Code in parentheses is the corresponding header found in the raw data file.

Relating to BellSouth Performance

- Report Month
- BellSouth Order Number (so_nbr)
- Work Completion Date (cmpltn_dt)
- Work Completion Time
- Completion Notice Availability Date
- Completion Notice Availability Time
- Service Type
- Geographic Scope

Note: Code in parentheses is the corresponding header found in the raw data file.

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
Resale Residence	Retail Residence
Resale Business	Retail Business
Resale Design	Retail Design
Resale PBX	
Resale Centrex	Retail Centrex
Resale ISDN	Retail ISDN
LNP (Standalone)	Retail Residence and Business (POTS)
INP (Standalone)	
2W Analog Loop Design	Retail Residence and Business Dispatch
2W Analog Loop Non-Design	
	Switch-Based Orders)
2W Analog Loop with LNP - Design	
2W Analog Loop with LNP- Non-Design	
	Switch-Based Orders
2W Analog Loop with INP-Design	Retail Residence and Business Dispatch
2W Analog Loop with INP-Non-Design	Retail Residence and Business - POTS Excluding
	Switch-Based Orders
UNE Digital Loop < DS1	
• UNE Digital Loop >= DS1	Retail Digital Loop >= DS1
UNE Loop + Port Combinations	
- Dispatch In	Dispatch In
- Switch Based	Switch Based
• UNE Switch Ports	
UNE Combo Other UNE VDSL (HDSL ADSL and LICL)	
UNE xDSL (HDSL, ADSL and UCL)	ADSL Provided to Ketali

BELLSOUTH*

Tennessee Performance Metrics

UNE ISDN (Includes UDC) UNE Line Sharing Local Transport (Unbundled Interoffice Transport) Local Interconnection Trunks UNE Line Splitting UNE Other Design UNE Other Non-Design EELs SEEM Measure SEEM Tier I Tier II	ADSL Provided to Retail Retail DS1/DS3 Interoffice Parity with Retail ADSL to Retail Retail Design Retail Residence and Business		
SEEM Disaggregation - Analog/Benchmark			
SEEM Disaggregation • Not Applicable	SEEM Analog/Benchmark Not Applicable		

(A) **BELL**SOUTH"



Definition

The purpose of this measure is to report if BellSouth is returning a FOC to the CLEC in time for the CLEC to notify their customer of the scheduled date.

Exclusions

- · Canceled Orders
- Expedited Orders
- "0" dated orders or any request where the subscriber requested an earlier due date of < 24 hours prior to the original commitment date, or any LSR received < 24 hours prior to the original commitment date.

Business Rules

For CLEC Results:

Calculation would exclude any successful or unsuccessful service delivery where the CLEC was informed at least 24 hours in advance. BellSouth may also exclude from calculation any LSRs received from the requesting CLEC with less than 24 hour notice prior to the commitment date.

Calculation

Percent Completions or Attempts without Notice or with Less Than 24 Hours Notice = (a / b) X 100

- a = Completion Dispatches (Successful and Unsuccessful) With No FOC or FOC Received < 24 Hours of Original Committed Due Date
- b = All Completions

Report Structure

- CLEC Specific
- CLEC Aggregate
- Dispatch /Non-Dispatch
- Total Orders FOC < 24 Hours
- Total Completed Service Orders
- % FOC < 24 Hours
- Geographic Scope
 - State
 - Region

Data Retained

Relating to CLEC Experience

- Committed Due Date (DD)
- FOC End Timestamp
- Report Month
- CLEC Order Number and PON

Relating to BellSouth Performance

· Not Applicable



SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

SQM Analog/Benchmark

- Resale Residence<= 5%
- Resale Business
- Resale DesignResale PBX
- Resale Centrex
- Resale ISDN
- LNP (Standalone)
- INP (Standalone)
- 2W Analog Loop Design
- 2W Analog Loop Non-Design
- 2W Analog Loop Design with LNP
- 2W Analog Loop Non-Design with LNP
- 2W Analog Loop Design with INP
- 2W Analog Loop Non-Design with INP
- UNE Digital Loop < DS1
- UNE Digital Loop >= DS1
- UNE Loop + Port Combinations
 - Dispatch In
 - Switch Based
- UNE Switch Ports
- UNE Combo Other
- UNE xDSL (HDSL, ADSL and UCL)
- UNE ISDN (Includes UDC)
- UNE Line Sharing
- UNE Line Splitting
- Local Transport (Unbundled Interoffice Transport)
- · Local Interconnection Trunks
- EELS

SEEM Measure

SEEM Tier I Tier II

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation

SEEM Analog/Benchmark

Not Applicable......

Not Applicable



P-7: Coordinated Customer Conversions Interval

Definition

This report measures the average time it takes BellSouth to disconnect an unbundled loop from the BellSouth switch and cross connect it to CLEC equipment. This measurement applies to service orders with INP and LNP, and where the CLEC has requested BellSouth to provide a coordinated cutover.

Exclusions

- Any order canceled by the CLEC will be excluded from this measurement.
- Delays due to CLEC following disconnection of the unbundled loop
- Unbundled Loops where there is no existing subscriber loop and loops where coordination is not requested.

Business Rules

Where the service order includes LNP, the interval includes the total time for the cutover including the translation time to place the line back in service on the ported line. When the service order includes INP, the interval includes the total time for the cutover including the translation time to place the link back in service on the ported line. The interval is calculated for the entire cutover time for the service order and then divided by items worked in that time to give the average per-item interval for each service order.

Calculation

Coordinated Customer Conversions Interval = (a - b)

- a = Completion Date and Time for Cross Connection of a Coordinated Unbundled Loop
- b = Disconnection Date and Time of an Coordinated Unbundled Loop

Percent Coordinated Customer Conversions (for each interval) = (c / d) X 100

- c = Total number of Coordinated Customer Conversions for each interval
- d = Total Number of Unbundled Loop with Coordinated Conversions (items) for the reporting period

Report Structure

- CLEC Specific
- CLEC Aggregate
- The interval breakout is 0-5=0-<=5, 5-15=>5-<=15, >=15=15 and greater, plus Overall Average Interval
- Geographic Scope
 - State
 - Region

Data Retained

Relating to CLEC Experience

- Report Month
- CLEC Order Number
- Committed Due Date (DD)
- Service Type (CLASS_SVC_DESC)
- Cutover Start Time
- Cutover Completion time
- Portability Start and Completion Times (INP orders)
- Total Conversions (Items)

Note: Code in parentheses is the corresponding header found in the raw data file.

P-7: Coordinated Customer Conversions Interval

Tennessee Performance Metrics

Relating to BellSouth Performance

• No BellSouth Analog Exists

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

SQM Analog/Benchmark

SEEM Measure

SEEM	Tier I	Tier II
Yes	X	X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation

SEEM Analog/Benchmark



P-7A: Coordinated Customer Conversions – Hot Cut Timeliness % within Interval and Average Interval

Definition

This category measures whether BellSouth begins the cutover of an unbundled loop on a coordinated and/or a time specific order at the CLEC requested start time. It measures the percentage of orders where the cut begins within 15 minutes of the requested start time of the order and the average interval.

Exclusions

- Any order canceled by the CLEC will be excluded from this measurement.
- · Delays caused by the CLEC
- Unbundled Loops where there is no existing subscriber loop and loops where coordination is not requested.
- All unbundled loops on multiple loop orders after the first loop
- · Test Orders

Business Rules

This report measures whether BellSouth begins the cutover of an unbundled loop on a coordinated and/or a time specific order at the CLEC requested start time. The cut is considered on time if it starts 15 minutes before or after the requested start time. Using the scheduled time and the actual cutover start time, the measurement will calculate the percent within interval and the average interval. If a cut involves multiple lines, the cut will be considered "on time" if the first line is cut within the interval. <= 15 minutes includes intervals that began 15:00 minutes or less before the scheduled cut time and cuts that began 15 minutes or less after the scheduled cut time; >15 minutes, <= 30 minutes includes cuts within 15:00 - 30:00 minutes either prior to or after the scheduled cut time; >30 minutes includes cuts greater than 30:00 minutes either prior to or after the scheduled cut time. If IDLC is involved, a four hour window applies to the start time. (8 A.M. to Noon or 1 P.M. to 5 P.M.) This only applies if BellSouth notifies the CLEC by 10:30 A.M. on the day before the due date that the service is on IDLC.

Calculation

% within Interval = (a / b) X 100

- a = Total Number of Coordinated Unbundled Loop Orders for the interval
- b = Total Number of Coordinated Unbundled Loop Orders for the reporting period

Interval = (c - d)

- c = Scheduled Time for Cross Connection of a Coordinated Unbundled Loop Order
- d = Actual Start Date and Time of a Coordinated Unbundled Loop Order

Average Interval = (e / f)

- Sum of all Intervals
- Total Number of Coordinated Unbundled Loop Orders for the reporting period.

P-7A: Coordinated Customer Conversions – Hot Cut Timeliness % within Interval and Average Interval

Report Structure

- **CLEC Specific**
- **CLEC Aggregate**

Reported in intervals of early, on time and late cuts % <= 15 minutes; % >15 minutes, <= 30 minutes; % >30 minutes, plus Overall Average Interval

- Geographic Scope
 - State
 - Region
- Percentages are reported in intervals of early, on time and late cuts for IDLC and non-IDLC cuts

```
On Time (Non-IDLC)
```

<= 15 minutes

Note: This is a 30-minute bucket representing a cut that begins 15 minutes or less before or after the scheduled start time.

Early (Non-IDLC)

- >15 minutes <= 30 minutes
- >30 minutes <= 60 minutes
- >60 minutes <= 120 minutes
- >120 minutes <= 180 minutes
- >180 minutes <= 240 minutes
- <= 240 minutes

Late (Non-IDLC)

- >15 minutes <= 30 minutes
- >30 minutes <= 60 minutes
- >60 minutes <= 120 minutes
- >120 minutes <= 180 minutes
- >180 minutes <= 240 minutes
- >240 minutes

Overall Average Interval for non-IDLC

On Time (IDLC)

<= 2 hours

Note: This is a 4-hour bucket representing a cut involving IDLC that begins 2 hours or less before or after the scheduled start

Early (IDLC)

>2 hours

Late (IDLC)

>2 hours

Overall Average Interval for IDLC

Data Retained

Relating to CLEC Experience

- Report Month
- CLEC Order Number (so nbr)
- Committed Due Date (DD)
- Service Type (CLASS_SVC_DESC)
- Cutover Scheduled Start Time
- Cutover Actual Start Time
- **Total Conversions Orders**

Note: Code in parentheses is the corresponding header found in the raw data file.



Relating to BellSouth Performance

- SL2 IDLC

• No BellSouth Analog exists

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation SQM Analog/Benchmark SL1 Time Specific SL1 Non-Time Specific SL2 Time Specific SL2 Non-Time Specific SL1 IDLC95% within 4-Hour Window SL2 IDLC **SEEM Measure** SEEM Tier I Tier II Yes X X **SEEM Disaggregation - Analog/Benchmark SEEM Disaggregation SEEM Analog/Benchmark** SL1 IDLC - SL1 Non-Time Specific

- SL2 Time Specific 95% within 4-Hour Window

CCCS 715 of 866



P-7B: Coordinated Customer Conversions – Average Recovery Time

Definition

Measures the time between notification and resolution by BellSouth of a service outage found that can be isolated to the BellSouth side of the network. The time between notification and resolution by BellSouth must be measured to ensure that CLEC customers do not experience unjustifiable lengthy service outages during a Coordinated Customer Conversion. This report measures outages associated with Coordinated Customer Conversions prior to service order completion.

Exclusions

- · Cutovers where service outages are due to CLEC caused reasons when the CLEC agrees
- Cutovers where service outages are due to end-user caused reasons when the CLEC agrees
- Test Orders

Business Rules

Measures the outage duration time related to Coordinated Customer Conversions from the initial trouble notification until the trouble has been restored and the CLEC has been notified. The duration time is defined as the time from the initial trouble notification until the trouble has been restored and the CLEC has been notified. The interval is calculated on the total outage time for the circuits divided by the total number of outages restored during the report period to give the average outage duration.

Calculation

Recovery Time = (a - b)

- a = Date and Time That Trouble is Closed by CLEC
- b = Date and Time Initial Trouble is Opened with BellSouth

Average Recovery Time = (c / d)

- c = Sum of all the Recovery Times per circuit
- d = Number of Troubles per circuit Referred to BellSouth

Report Structure

- CLEC Specific
- CLEC Aggregate
- Geographic Scope
 - State
 - Region

Data Retained

Relating to CLEC Experience

- Report Month
- CLEC Company Name
- CLEC Order Number (so_nbr)
- Committed Due Date (DD)
- Service Type (CLASS_SVC_DESC)
- CLEC Acceptance Conflict (CLEC_CONFLICT)
- CLEC Conflict Resolved (CLEC_CON_RES)
- CLEC Conflict MFC (CLEC_CONFLICT_MFC)

P-7B: Coordinated Customer Conversions – Average Recovery Time

Tennessee Performance Metrics

· Total Conversion Orders

Note: Code in parentheses is the corresponding header found in the raw data file.

Relating to BellSouth Performance

• None

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

SQM Analog/Benchmark

• Unbundled Loops with INP<= 5 Hours Unbundled Loops with LNP.....<= 5 Hours

SEEM Measure

SEEM	Tier I	Tier II
No		

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation

SEEM Analog/Benchmark

Not Applicable......Not Applicable



P-7C: Hot Cut Conversions - % Provisioning Troubles Received within 7 Days of a Completed Service Order

Definition

The Percent Provisioning Troubles received within 7 days of a completed service order associated with a Hot Cut Conversion (CCC) measures the quality and accuracy of Coordinated Customer Conversion Activities.

Exclusions

- · Any order cancelled by the CLEC
- Troubles caused by Customer Provided Equipment
- Test Orders

Business Rules

Measures the quality and accuracy of completed service orders associated with Coordinated and Non-coordinated Customer Conversions. The first trouble report received on a circuit ID within 7 days following a service order completion is counted in this measure. Subsequent trouble reports are measured in Repeat Report Rate. Reports are calculated searching in the prior report period for completed Coordinated Customer Conversion service orders and following 7 days after the completion of the service order for a trouble report issue date.

Calculation

% Provisioning Troubles within 7 days of service order completion = $(a/b) \times 100$

- a = The sum of all CCC Circuits with a trouble within 7 days following service order(s) completion
- b = The total number of CCC service order circuits completed in the previous report calendar month

Report Structure

- CLEC Specific
- CLEC Aggregate
- Dispatch/Non-Dispatch
- Geographic Scope
 - State
 - Region

Data Retained

Relating to CLEC Experience

- Report Month
- CLEC Order Number (so_nbr)
- PON
- Order Submission Date (TICKET_ID)
- Order Submission Time (TICKET_ID)
- Status Type
- Status Notice Date
- Standard Order Activity
- Geographic Scope
- Total Conversion Circuits

Note: Code in parentheses is the corresponding header found in the raw data file.



Relating to BellSouth Performance

• No BellSouth Analog exists

SQM Disaggregation - Analog/Benchmark

Sam Disagg	regation - /	analog/Benchmar	⁻ K
SQM Level of D)isaggregatio	n	SQM Analog/Benchmark
UNE LoUNE Lo	oop Design oop Non-Design		<= 3% <= 3%
SEEM Measu	ure		
SEEM	Tier I	Tier II	
Yes	X	X	
SEEM Disag	gregation -	Analog/Benchma	ark
SEEM Disaggre	gation		SEEM Analog/Benchmark

UNE Loop Design <= 3%
UNE Loop Non-Design <= 3%



P-8: Cooperative Acceptance Testing - % of xDSL Loops Successfully Passing Cooperative Testing

Definition

A loop will be considered successfully cooperatively tested when both the CLEC and BellSouth representatives agree that the loop meets the technical specifications set forth in TR 73600.

Exclusions

- Testing failures due to CLEC (incorrect contact number, CLEC not ready, etc.)
- xDSL lines with no request for cooperative testing
- Test Orders

Business Rules

When a BellSouth technician finishes delivering an order for an xDSL loop where the CLEC order calls for cooperative testing at the customer's premise, the BellSouth technician is to call a toll free number to the CLEC testing center. The BellSouth technician and the CLEC representative at the center then test the line. As an example of the type of testing performed, the testing center may ask the technician to put a short on the line so that the center can run a test to see if it can identify the short. CLEC caused failures will be captured in the raw data files.

Calculation

Cooperative Acceptance Testing - % of xDSL Loops Successfully Tested = (a / b) X 100

- a = Total number of successful xDSL cooperative tests for xDSL lines where cooperative testing was requested in the reporting period
- b = Total Number of xDSL line tests requested by the CLEC and scheduled in the reporting period

Report Structure

- CLEC Specific
- CLEC Aggregate
- Type of Loop Tested
- Geographic Scope
 - State
 - Region

Data Retained

Relating to CLEC Experience

- · Report Month
- CLEC Company Name (OCN)
- CLEC Order Number (so_nbr) and PON (PON)
- Committed Due Date (DD)
- Service Type (CLASS_SVC_DESC)
- Acceptance Testing Completed (ACCEPT_TESTING)
- Acceptance Testing Declined (ACCEPT_TESTING)
- Total xDSL Orders
- Missed Appointments Code (SO_MISSED_CMMT_CD)

Note: Code in parentheses is the corresponding header found in the raw data file.



Relating to BellSouth Performance

• No BellSouth Analog Exists

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

SQM Analog/Benchmark

- UNE xDSL 95% of Lines Successfully Tested
 - ADSL **HDSL**

 - UCL OTHER

SEEM Measure

SEEM Tier I Tier II Yes X X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation

SEEM Analog/Benchmark

- UNE xDSL 95% of Lines Successfully Tested
 - ADSL
 - HDSL
 - UCL
 - Other

CCCS 721 of 866



P-9: % Provisioning Troubles within 30 Days of Service Order Completion

Definition

Percent Provisioning Troubles within 30 days of Service Order Completion measures the quality and accuracy of Service order activities.

Exclusions

- · Cancelled Service Orders
- Order Activities of BellSouth or the CLEC associated with internal or administrative use of local services (Record Orders, Listing Orders, Test Orders, etc.) Test order types may be C, N, R, or T.
- D & F orders
- Trouble reports caused and closed out to Customer Provided Equipment (CPE)

Business Rules

Measures the quality and accuracy of completed orders. The first trouble report received after service order completion is counted in this measure. Subsequent trouble reports are measured in Repeat Report Rate. Reports are calculated searching in the prior report period for completed service orders and following 30 days after completion of the service order for a trouble report issue date.

D & F orders are excluded as there is no subsequent activity following a disconnect.

Note: Standalone LNP historical data is not available in the maintenance systems (LMOS or WFA).

Calculation

% Provisioning Troubles within 30 days of Service Order Activity = (a / b) X 100

- a = Trouble reports on all completed orders within 30 days following service order(s) completion
- b = All Service Orders completed in the previous report calendar month

Report Structure

- CLEC Specific
- CLEC Aggregate
- BellSouth Aggregate
- Reported in categories of <10 line/circuits; >= 10 line/circuits (except trunks)
- Dispatch /Non-Dispatch (except trunks)
- · Geographic Scope
 - State
 - Region

Data Retained

Relating to CLEC Experience

- Report Month
- CLEC Order Number and PON
- Order Submission Date (TICKET_ID)
- Order Submission Time (TICKET_ID)
- Status Type
- Status Notice Date



- Standard Order Activity
- · Geographic Scope

Note: Code in parentheses is the corresponding header found in the raw data file.

Relating to BellSouth Performance

- Report Month
- BellSouth Order Number
- Order Submission Date
- Order Submission Time
- Status Type
- Status Notice Date
- Standard Order Activity
- · Geographic Scope

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
Resale Residence	Retail Residence
Resale Business	
Resale Design	
Resale PBX	Retail PBX
Resale Centrex	
Resale ISDN	Retail ISDN
LNP (Standalone)	Retail Residence and Business (POTS)
INP (Standalone)	Retail Residence and Business (POTS)
2W Analog Loop Design	Retail Residence and Business Dispatch
2W Analog Loop Non-Design	Retail Residence and Business - (POTS Excluding
	Switch-Based Orders)
2W Analog Loop with LNP Design	Retail Residence and Business Dispatch
2W Analog Loop with LNP Non-Design	Retail Residence and Business - (POTS Excluding
	Switch-Based Orders)
2W Analog Loop with INP Design	Retail Residence and Business Dispatch
2W Analog Loop with INP Non-Design	Retail Residence and Business (POTS - Excluding
	Switch-Based Orders)
UNE Digital Loop < DS1	Retail Digital Loop < DS1
 UNE Digital Loop >= DS1 	Retail Digital Loop >= DS1
 UNE xDSL (HDSL, ADSL and UCL) 	ADSL provided to Retail
UNE ISDN (Includes UDC)	Retail ISDN BRI
UNE Line Sharing	ADSL Provided to Retail
UNE Loop + Port Combinations	Retail Residence and Business
- Dispatch In	Dispatch In
- Switch-Based	Switch Based
CIAL DWICH I OILS	Retail Residence and Business (POTS)
UNE Combo Other	
Local Transport (Unbundled Interoffice Transport)	(Including Dispatch Out and Dispatch In)
Documental intervitive Transport,	Retail DSI/DS3 interoffice
OTTE Other Holf-Design	Retail Residence and Business
UNE Other Design Local Interconnection Trunks	Retail Design
UNE Line Splitting	ranty with Ketali
• EELs	ADAL 10 KETAII
	Verall DOI/DO



SEEM Measure

 SEEM
 Tier I
 Tier II

 Yes
 X

SEEM Disaggregation - Analog/Benchmark

SEEM Di	saggregation	SEEM Analog/Benchmark
• F	Resale Residence	Retail Residence
• F	Resale Business	Retail Business
• F	Resale Design	Retail Design
• F	Resale PBX	Retail PBX
• F	Resale Centrex	Retail Centrex
• I	Resale ISDN	Retail ISDN
• I	LNP (Standalone)	Retail Residence and Business (POTS)
• I	NP (Standalone)	Retail Residence and Business (POTS)
• 2	2W Analog Loop Design	Retail Residence and Business Dispatch
	2W Analog Loop Non-Design	
	- · ·	Switch-Based Orders)
• 2	2W Analog Loop with LNP Design	
• 2	2W Analog Loop with LNP Non-Design	Retail Residence and Business - (POTS Excluding
		Switch-Based Orders)
• 2	2W Analog Loop with INP Design	Retail Residence and Business Dispatch
• 2	2W Analog Loop with INP Non-Design	Retail Residence and Business (POTS - Excluding
		Switch-Based Orders)
• [UNE Digital Loop < DS1	Retail Digital Loop < DS1
• [UNE Digital Loop >= DS1	Retail Digital Loop >= DS1
• [UNE Loop + Port Combinations	Retail Residence and Business
	- Dispatch In	Dispatch In
. 7	- Switch-Based	Switch-Based
	UNE Switch Ports	
• (UNE Combo Other	
. т	The -bot (liber Aber 1101)	(Including Dispatch Out and Dispatch In)
• [UNE xDSL (HDSL, ADSL and UCL)	ADSL provided to Retail
	UNE ISDN (Includes UDC)	
	UNE Line Sharing Local Transport (Unbundled Interoffice Transport)	
• I	Local Interconnection Trunks	Posity with Potoil
	UNE Line Splitting	
	UNE Other Non-Design	
	UNE Other Design	
	EELs.	



P-10: Total Service Order Cycle Time (TSOCT) (Deleted)



P-11: Service Order Accuracy

Definition

The "service order accuracy" measurement measures the accuracy and completeness of BellSouth service orders by comparing what was ordered and what was completed.

Exclusions

- · Canceled Service Orders
- Order Activities of BellSouth or the CLEC associated with internal or administrative use of local services (Record Orders, Listing Orders, Test Orders, etc.)
- · D & F orders

Business Rules

A statistically valid sample of service orders, completed during a monthly reporting period, is compared to the original account profile and the order that the CLEC sent to BellSouth. An order is "completed without error" if all service attributes and account detail changes (as determined by comparing the original order) completely and accurately reflect the activity specified on the original order and any supplemental CLEC order. For both small and large sample sizes, when a Service Request cannot be matched with a corresponding Service Order, it will not be counted. For small sample sizes an effort will be made to replace the service request.

Service Order Accuracy Sampling Process: A list of all orders completed in the report month is generated. The orders are then listed by the disaggregations specified in the SQM. For each disaggregation, the quantity of completed orders and the error rate for each disaggregation from the previous month are entered into a "Stratified Random Sampling for Proportions" formula. This formula determines the number of orders that are to be reviewed for each disaggregation. Once the sample size for each disaggregation is determined, the specified quantity of orders for each disaggregation are pulled for review.

Calculation

Percent Service Order Accuracy = $(a/b) \times 100$

- a = Orders Completed without Error
- b = Orders Completed in Reporting Period

Report Structure

- CLEC Aggregate
- Reported in categories of <10 line/circuits; >= 10 line/circuits
- Dispatch/Non-Dispatch

Data Retained

Relating to CLEC Experience

- Report Month
- CLEC Order Number and PON
- Local Service Request (LSR)
- · Order Submission Date
- Committed Due Date
- Service Type
- Standard Order Activity

85



Relating to BellSouth Performance

· No BellSouth Analog Exist

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

SQM Analog/Benchmark

- · Resale Business
- Resale Design (Specials)
- UNE Specials (Design)
- UNE (Non-Design)
- Local Interconnection Trunks

SEEM Measure

SEEM	Tier I	Tier II
Yes	*********	X

SEEM Disaggregation - Analog/Benchmark

SEEM [Disaggregation	SEEM Analog/Benchmark
•	Resale	.95%
•	UNE	. 95%
•	UNE-P	. 95%

Note: This measure to be replaced when P-11A is implemented.



Note: This measure becomes effective with September 2003 service orders. The Service Order Accuracy measure as defined in the previous SQM will be effective prior to that time.

P-11A: Service Order Accuracy

Definition

The Service Order Accuracy measurement measures the accuracy and completeness of CLEC requests for service by comparing the CLEC Local Service Request (LSR) to the completed service order after provisioning has been completed. Only electronically submitted LSRs that require manual handling by a BellSouth service representative in the LCSC are measured.

Exclusions

- Canceled Service Orders
- Order Activities of BellSouth or the CLEC associated with internal or administrative use of local services (Record Orders, Listing Orders, orders using test OCNs, which may be coded C, N, R or T etc.)
- Disconnect Orders
- CLEC LSRs submitted manually (FAX or Courier)
- CLEC LSRs submitted electronically that are not manually handled by BellSouth (Flow Through)

Business Rules

Only CLEC LSRs submitted electronically that fall out of the electronic system for manual processing (partially mechanized) by a BellSouth representative and the resulting service orders are selected for this measure. The CLEC requested services on the LSR are compared to the completed service order using the CLEC-Affecting Service Attributes shown below.

Selected CLEC-Affecting Service Attributes

The BellSouth Local Service Request (LSR) fields identified below will be used, as applicable, for this Service Order Accuracy review process.

BellSouth LSR Fields

The fields listed below would only be captured as a miss when they are service affecting. For the purpose of the Service Order Accuracy measure, if any of the fields listed below are populated on the LSR and do not match the corresponding field on the Service Order, but this mismatch does not affect the correct provisioning of the Service Order, the field is not considered to be service affecting and therefore will not be included as a miss in this measure. An example would be LCSC/System workarounds, which will be identified in a document posted on the Interconnection website. CLECs may discuss any of the posted LCSC/System Workarounds during the regular PMAP notification calls.

- · Company Code
- PON
- Billed Telephone Number
- · Telephone Number
- Ported Telephone Number
- Circuit ID
- PIC
- LPIC
- · Directory Listing
 - Directory Delivery Address
 - Listing Activity
 - Alphanumeric Listing Identifier Code
 - Record Type



- Listing Type
- Listed Telephone Number
- Listed Name, Last Name
- Listed Name, First Name
- Address Indicator
- Listed Address House Number
- Listed Address House Number Suffix
- Listed Address Street Directional
- Listed Address Street Name
- Listed Address Thoroughfare
- Listed Address Street Suffix
- Listed Address Locality
- Yellow Pages Heading
- Features
 - Feature Activity
 - Feature Codes
 - Feature Detail*
- Hunting
 - Hunt Group Activity
 - Hunt Group Identifier
 - Telephone Number Identifier
 - Hunt Type Code
 - Hunt Line Activity
 - Hunting Sequence
 - Number Type
 - Hunting Telephone Number
- E911 Listing
 - Service Address House Number
 - Service Address House Number Suffix
 - Service Address Street Directional
 - Service Address Street Name
 - Service Address Thoroughfare
 - Service Address Street Suffix
 - Service Address Descriptive Location
- EATN
- ATN
- APOT
- CFANC
- NCI
- * Feature Detail will only be checked for the following USOCs: GCE, GCJ, CREX4, GCJRC, GCZ, DRS, VMSAX, S98VM, S98AF, SMBBX, MBBRX. USOCs and FIDs for Feature Detail will be posted on the Interconnection Website. Any changes to the USOCs and FIDs required to continue checking the identical service will be updated on this Website.

Calculation

Percent Service Order Accuracy = (a / b) X 100

- a = Applicable Orders Completed without Error
- b = Applicable Orders Completed in Reporting Period

Report Structure

- CLEC Specific
- CLEC Aggregate
- Geographic Scope
 - Region



Data Retained

Relating to CLEC Experience

- Report Month
- CLEC Order Number (PON)
- Local Service Request (LSR) Number
- BellSouth Service Order Number
- BellSouth Service Order Completion Date
- Service Type (Resale, UNE, UNE-P)
- Standard Order Activity

Relating to BellSouth Performance

• No BellSouth Analog Exists

SQM Disaggregation – Analog/Benchmark

SQM Level of Disaggregation

SQM Analog/Benchmark

•	Resale	95%	Accurate
•	UNE	95%	Accurate
•	UNE-P	95%	Accurate

SEEM Measure

SEEM	Tier I	Tier II	Tier III
Yes	X	X	

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation

SEEM Analog/Benchmark

•	Resale	95% Accurate
•	UNE	95% Accurate
	UNE-P	

P-12: LNP-Average Disconnect Timeliness Interval & Disconnect Timeliness Interval Distribution

(Deleted)



P-13B: LNP - Percent Out of Service < 60 Minutes

Definition

The Number of LNP related conversions where the time required to facilitate the activation of the port in BellSouth's network is less than 60 minutes, expressed as a percentage of total number of activations that took place.

Exclusions

- · CLEC-caused errors
- · NPAC caused errors unless caused by BellSouth
- Standalone LNP orders with more than 500 number activations

Business Rules

The Start time is the Receipt of the NPAC broadcast activation message in BellSouth's LSMS. The End time is when the Provisioning event is successfully completed in BellSouth's network as reflected in BellSouth's LSMS. Count the number of activations that took place in less than 60 minutes.

Calculation

Percent Out of Service < 60 Minutes = (a/b) X 100

- a = Number of activations provisioned in less than 60 minutes
- b = Total LNP activations

Report Structure

- CLEC Specific
- CLEC Aggregate
- Geographic Scope
 - State
 - Region

Data Retained

Relating to CLEC Experience

- Order Number
- Telephone Number/Circuit Number
- · Committed Due Date
- Date/Time of Recent Change Notice

Relating to BellSouth Performance

- SOCS Completion Date and Time Stamp
- CLEC Activate Message

SQM Disaggregation – Analog/Benchmark

SQM Level of Disaggregation

SQM Analog/Benchmark

• LNP> = 96.5%

P-13B: LNP - Percent Out of Service < 60 Minutes

SEEM Measure

SEEM Tier I Tier II Tier III Yes X X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation

SEEM Analog/Benchmark

• LNP> = 96.5%

CCCS 733 of 866



P-13C: LNP – Percentage of Time BellSouth Applies the 10-Digit Trigger Prior to the LNP Order Due Date

Definition

Percentage of time BellSouth applies 10-digit trigger for LNP TNs prior to the due date.

Exclusions

Excludes CLEC or Customer caused misses or delays.

Business Rules

Obtain number of LNP TNs where the 10-digit trigger was applicable prior to due date, and the total number of LNP TNs where the 10-digit trigger was applicable.

Calculation

Percentage of 10-Digit Applications = $(a/b) \times 100$

- a = Count of LNP TNs for which 10-digit trigger was applied prior to due date
- b = Total LNP TNs for which 10-digit triggers were applicable

Report Structure

- · CLEC Specific
- CLEC Aggregate
- Geographic Scope
 - State
 - Region

Data Retained

Relating to CLEC Experience

- Order Number
- Telephone Number/Circuit Number
- · Committed Due Date
- Date/Time of Recent Change Notice

Relating to BellSouth Performance

- SOCS Completion Date and Time Stamp
- CLEC Activate Message

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

SQM Analog/Benchmark

• LNP (Standalone) Benchmark: 95%



SEEM Measure

 SEEM
 Tier I
 Tier II

 Yes
 X
 X

SEEM Disaggregation

SEEM Analog/Benchmark

• LNP (Standalone) Benchmark: 95%



P-13D: LNP - Average Disconnect Timeliness Interval (Non-Trigger)

Definition

Disconnect Timeliness is defined as the interval between the time ESI Number Manager receives the valid 'Number Ported' message from NPAC (signifying the CLEC 'Activate') until the time the Disconnect is completed in the Central Office switch. This interval effectively measures BellSouth responsiveness by isolating it from impacts that are caused by CLEC related activities.

Exclusions

- · Canceled Service Orders
- Order Activities of BellSouth or the CLEC associated with internal or administrative use of local services (Record Orders, Listing Orders, Test Orders, etc.) where identifiable. Order types may be C, N, R, or T.
- CLEC-caused errors
- · NPAC-caused errors, unless caused by BellSouth
- · Incomplete Ports where only a subset of activate messages have been received compared with the LSR and create messages.
- Orders which are candidates for 10 digit triggers, except those that did not receive 10 digit triggers prior to the port out date.
- LSRs where the CLEC did not contact BST within 30 minutes after Activate Message.

Business Rules

The Disconnect Timeliness interval is determined for each telephone number ported associated with a disconnect service order processed on an LSR during the reporting period. The Disconnect Timeliness interval is the elapsed time from when BellSouth receives a valid 'Number Ported' message in ESI Number Manager (signifying the CLEC 'Activate') for each telephone number ported until each number on the service order is disconnected in the Central Office switch. Elapsed time for each ported number is accumulated for each reporting dimension. The accumulated time for each reporting dimension is then divided by the total number of selected telephone numbers disconnected in the reporting period. Non-Business hours will be excluded from the duration calculation for unscheduled after hours LNP ports. This will yield a benchmark equivalent to by 12:00 noon the next business day thus, keeping the benchmark at 4 hours.

Calculation

Disconnect Timeliness Interval = (a - b)

- a = Completion Date and Time in Central Office switch for each number on disconnect order
- b = Valid 'Number Ported' message received date and time

Average Disconnect Timeliness Interval = (c / d)

- c = Sum of all Disconnect Timeliness Intervals
- d = Total Number of disconnected numbers completed in reporting period

Report Structure

- CLEC Specific
- CLEC Aggregate
- Geographic Scope
 - State
 - Region

P-13D: LNP - Average Disconnect Timeliness Interval (Non-Trigger)

Tennessee Performance Metrics

Data Retained

Relating to CLEC Experience

- Order Number
- Telephone Number/Circuit Number
- · Committed Due Date
- Receipt Date/Time (ESI Number Manager)
- Date/Time of Recent Change Notice

Relating to BellSouth Performance

- SOCS Completion Date and Time Stamp
- CLEC Activate Message

SQM Disaggregation – Analog/Benchmark

SQM Level of Disaggregation

SQM Analog/Benchmark

- LNP (Normal Working Hours and Approved After Hours)........95% <= 4 Hours

SEEM Measure

SEEM	Tier I	Tier II
Yes	X	X

SEEM Disaggregation - Analog/Benchmark

- LNP (Normal Working Hours and Approved After Hours).......95% <= 4 Hours



Section 4: Maintenance & Repair

M&R-1: Missed Repair Appointments

Definition

The percent of customer trouble reports not cleared by the committed date and time.

Exclusions

- · Trouble tickets canceled at the CLEC request
- · BellSouth trouble reports associated with internal or administrative service
- Customer Provided Equipment (CPE) troubles or CLEC Equipment Trouble

Business Rules

The negotiated commitment date and time is established when the repair report is received. The cleared time is the date and time that BellSouth personnel clear the trouble and closes the trouble report in his/her Computer Access Terminal (CAT) or workstation. If this is after the Commitment time, the report is flagged as a "Missed Commitment" or a missed repair appointment. When the data for this measure is collected for BellSouth and a CLEC, it can be used to compare the percentage of the time repair appointments are missed due to BellSouth reasons. (No access reports are not part of this measure because they are not a missed appointment.)

Note: Appointment intervals vary with force availability in the POTS environment. Specials and Trunk intervals are standard interval appointments of no greater than 24 hours. Standalone LNP historical data is not available in the maintenance systems (LMOS or WFA).

Calculation

Percentage of Missed Repair Appointments = (a / b) X 100

- a = Count of Customer Troubles Not Cleared by the Quoted Commitment Date and Time
- b = Total Customer Trouble reports closed in Reporting Period

Report Structure

- · Dispatch/Non-Dispatch
- CLEC Specific
- CLEC Aggregate
- BellSouth Aggregate
- · Geographic Scope
 - State
 - Region

CCCS 738 of 866



Data Retained

Relating to CLEC Experience

- Report Month
- CLEC Company Name
- Submission Date and Time (TICKET_ID)
- Completion Date (CMPLTN_DT)
- Service Type (CLASS_SVC_DESC)
- Disposition and Cause (CAUSE_CD & CAUSE_DESC)

Note: Code in parentheses is the corresponding header found in the raw data file.

Relating to BellSouth Performance

- Report Month
- · BellSouth Company Code
- · Submission Date and Time
- Completion Date
- Service Type
- Disposition and Cause (Non-Design /Non-Special Only)
- Trouble Code (Design and Trunking Services)

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark	
Resale Residence	Retail Residence	
Resale Business	Retail Business	
Resale Design	Retail Design	
Resale PBX	Retail PBX	
Resale Centrex	Retail Centrex	
Resale ISDN	Retail ISDN	
2W Analog Loop Design	Retail Residence & Business Dispatch	
2W Analog Loop Non – Design	Retail Residence & Business (POTS) (Exclusion of	
	Switch-based feature troubles)	
 UNE Digital Loop < DS1 	Retail Digital Loop < DS1	
 UNE Digital Loop >= DS1 	Retail Digital Loop >= DS1	
UNE Loop + Port Combinations	Retail Residence and Business	
UNE Switch ports	Retail Residence and Business (POTS)	
UNE Combo Other	Retail Residence, Business and Design Dispatch	
 UNE xDSL (HDSL, ADSL and UCL) 	ADSL Provided to Retail	
UNE ISDN	Retail ISDN – BRI	
UNE Line Sharing	ADSL provided to Retail	
UNE Other Design	Retail Design	
UNE Other Non-Design	Retail Residence and Business	
Local Interconnection Trunks	Parity with Retail	
 Local Transport (Unbundled Interoffice Transport) 	Retail DS1/DS3 Interoffice	

SEEM Measure

SEEM	Tier I	Tier II
Yes	X	X



SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark	
Resale Residence	Retail Residence	
Resale Business		
Resale Design	Retail Design	
Resale PBX	Retail PBX	
Resale Centrex	Retail Centrex	
Resale ISDN	Retail ISDN	
2W Analog Loop Design		
2W Analog Loop Non – Design		
	Switch-based feature troubles)	
UNE Digital Loop < DS1	Retail Digital Loop < DS1	
UNE Digital Loop >= DS1		
UNE Loop + Port Combinations	Retail Residence & Business	
UNE Switch ports		
UNE Combo Other		
 UNE xDSL (HDSL, ADSL and UCL) 		
UNE ISDN	Retail ISDN – BRI	
UNE Line Sharing		
UNE Other Design	Retail Design	
UNE Other Non-Design		
 Local Transport (Unbundled Interoffice Transport) 		
Local Interconnection Trunks		

CCCS 740 of 866



M&R-2: Customer Trouble Report Rate

Definition

Initial and repeated customer direct or referred customer troubles reported within a calendar month per 100 lines/circuits in service.

Exclusions

- · Trouble tickets canceled at the CLEC request.
- BellSouth trouble reports associated with internal or administrative service.
- Customer Provided Equipment (CPE) troubles or CLEC Equipment Trouble.

Business Rules

Customer Trouble Report Rate is computed by accumulating the number of maintenance initial and repeated trouble reports during the reporting period. The resulting number of trouble reports are divided by the total "number of service" lines, ports or combination that exist for the CLECs and BellSouth respectively at the end of the report month.

Calculation

Customer Trouble Report Rate = $(a / b) \times 100$

- a = Count of Initial and Repeated Customer Trouble Reports closed in the Current Period
- b = Number of Service Access Lines in service at End of the Report Period

Report Structure

- CLEC Specific
- CLEC Aggregate
- BellSouth Aggregate
- Dispatch/Non-Dispatch
- Geographic Scope
 - State
 - Region

Data Retained

Relating to CLEC Experience

- Report Month
- CLEC Company Name
- Ticket Submission Date and Time (TICKET_ID)
- Ticket Completion Date (CMPLTN_DT)
- Service Type (CLASS_SVC_DESC)
- Disposition and Cause (CAUSE_CD & CAUSE_DESC)
- # Service Access Lines in Service at the end of period

Note: Code in parentheses is the corresponding header found in the raw data file.



Relating to BellSouth Performance

- Report Month
- BellSouth Company Code
- Ticket Submission Date and Time
- Ticket Completion Date
- Service Type
- Disposition and Cause (Non-Design /Non-Special Only)
- Trouble Code (Design and Trunking Services)
- # Service Access Lines in Service at the end of period

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
Resale Residence Resale Business Resale Design Resale PBX Resale Centrex. Resale ISDN 2W Analog Loop Design 2W Analog Loop Non – Design	Retail Business Retail Design Retail PBX Retail Centrex Retail ISDN Retail Residence and Business Dispatch Retail Residence and Business (POTS) (Exclusion of
 UNE Digital Loop < DS1	Switch-based feature troubles) Retail Digital Loop < DS1 Retail Digital Loop >= DS1 Retail Residence and Business Retail Residence and Business (POTS) Retail Residence, Business and Design Dispatch ADSL Provided to Retail Retail ISDN - BRI ADSL Provided to Retail Retail Design Retail Residence and Business Parity with Retail

SEEM Measure

SEEM	Tier I	Tier II
Yes	X	X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
Resale Residence	Retail Residence
Resale Business	
Resale Design	
Resale PBX	Retail PBX
Resale Centrex	
Resale ISDN	
2W Analog Loop Design	Retail Residence and Business Dispatch
• 2W Analog Loop Non – Design	Retail Residence and Business (POTS) (Exclusion of
	Switch-based feature troubles)
UNE Digital Loop < DS1	Retail Digital Loop < DS1
UNE Digital Loop > DS1	Retail Digital Loop >= DS1
UNE Loop + Port Combinations	Retail Residence and Business
UNE Switch Ports	Retail Residence and Business (POTS)
UNE Combo Other	Retail Residence, Business and Design Dispatch



•	UNE xDSL (HDSL, ADSL and UCL)	. ADSL Provided to Retail
٠	UNE ISDN	. Retail ISDN – BRI
٠	UNE Line Sharing	. ADSL Provided to Retail
	UNE Other Design	
•	UNE Other Non-Design	Retail Residence and Business
	Local Transport (Unbundled Interoffice Transport)	
	Local Interconnection Trunks	



M&R-3: Maintenance Average Duration

Definition

The Average duration of Customer Trouble Reports from the receipt of the Customer Trouble Report to the time the trouble report is cleared.

Exclusions

- Trouble tickets canceled at the CLEC request.
- BellSouth trouble reports associated with internal or administrative service.
- Customer Provided Equipment (CPE) troubles or CLEC Equipment Trouble.

Business Rules

For Average Duration the clock starts on the date and time of the receipt of the correct report information, i.e. correct telephone number, correct circuit identification, trouble description, etc. for the repair request. The clock stops on the date and time the service is restored and the BellSouth or CLEC customer is notified (when the technician completes the trouble ticket on his/her CAT or work systems).

Calculation

Maintenance Duration = (a - b)

- a = Date and Time of Service Restoration
- b = Date and Time Customer Trouble Ticket was Opened

Average Maintenance Duration = (c / d)

- c = Total of all maintenance durations in the reporting period
- d = Total Closed Customer Troubles in the reporting period

Report Structure

- · Dispatch/Non-Dispatch
- CLEC Specific
- CLEC Aggregate
- BellSouth Aggregate
- · Geographic Scope
 - State
 - Region

Data Retained

Relating to CLEC Experience

- · Report Month
- Total Tickets (LINE_NBR)
- CLEC Company Name
- Ticket Submission Date and Time (TICKET_ID)
- Ticket Completion Date (CMPLTN_DT)
- Service Type (CLASS_SVC_DESC)
- Disposition and Cause (CAUSE_CD & CAUSE_DESC)

Note: Code in parentheses is the corresponding header found in the raw data file.



Relating to BellSouth Performance

- Report Month
- Total Tickets
- BellSouth Company Code
- Ticket Submission Date
- Ticket Submission Time
- Ticket Completion Date
- Ticket Completion Time
- Total Duration Time
- Service Type
- Disposition and Cause (Non-Design/Non-Special Only)
- Trouble Code (Design and Trunking Services)

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark	
Resale Residence	Retail Residence	
Resale Business	Retail Business	
Resale Design	Retail Design	
Resale PBX	Retail PBX	
Resale Centrex	Retail Centrex	
Resale ISDN	Retail ISDN	
2W Analog Loop Design	Retail Residence and Business Dispatch	
2W Analog Loop Non – Design		
	Switch-based feature troubles)	
UNE Digital Loop < DS1	Retail Digital Loop < DS1	
UNE Digital Loop >= DS1	Retail Digital Loop >= DS1	
UNE Loop + Port Combinations		
UNE Switch ports	Retail Residence and Business (POTS)	
	Retail Residence, Business & Design Dispatch	
UNE xDSL (HDSL, ADSL and UCL)		
UNE ISDN		
UNE Line Sharing		
UNE Other Design		
UNE Other Non-Design		
 Local Transport (Unbundled Interoffice Transport) 		
Local Interconnection Trunks	Parity with Retail	
SEEM Measure		

S

SEEM	Tier I	Tier II
Yes	X	X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
Resale Residence	Retail Residence
Resale Business	Retail Business
Resale Design	Retail Design
Resale PBX	Retail PBX
Resale Centrex	Retail Centrex
Resale ISDN	Retail ISDN
2W Analog Loop Design	
2W Analog Loop Non – Design	
	Switch-based feature troubles)
UNE Digital Loop < DS1	Retail Digital Loop < DS1

CCCS 745 of 866



•	UNE Digital Loop >= DS1	Retail Digital Loop >= DS1
•	UNE Loop + Port Combinations	
	UNE Switch ports	
•	UNE Combo Other	
•	UNE xDSL (HDSL, ADSL and UCL)	
•	UNE ISDN	Retail ISDN – BRI
•	UNE Line Sharing	
	UNE Other Design	
•	UNE Other Non-Design	Retail Residence and Business
	Local Transport (Unbundled Interoffice Transport)	
	Local Interconnection Trunks	



M&R-4: Percent Repeat Troubles within 30 Days

Definition

Percent Customer Repeat Troubles within 30 Days measures the percent of customer troubles, during the current reporting period, that had at least one prior trouble ticket on the same line/circuit, anytime in the proceeding 30 calendar days from the receipt of the current trouble report.

Exclusions

- Trouble tickets canceled at the CLEC request.
- BellSouth trouble reports associated with internal or administrative service.
- · Customer Provided Equipment (CPE) troubles or CLEC Equipment Trouble.

Business Rules

This measure includes Customer trouble reports on the same line/circuit, received within 30 days of an original Customer trouble report, using the 'cleared date' of the first trouble and the 'received date' of the next trouble.

Calculation

Percent Repeat Customer Troubles within 30 Days = (a / b) X 100

- a = Count of Customer Troubles using the 'received date' where more than one trouble report was logged for the same service line/circuit, within a continuous 30 days
- b = Count of Total Customer Trouble Reports using the 'cleared date', in the Reporting Period

Report Structure

- Dispatch/Non-Dispatch
- CLEC Specific
- CLEC Aggregate
- · BellSouth Aggregate
- Geographic Scope
 - State
 - Region

Data Retained

Relating to CLEC Experience

- Report Month
- Total Tickets (LINE_NBR)
- CLEC Company Name
- Ticket Submission Date and Time (TICKET_ID)
- Ticket Completion Date (CMPLTN_DT)
- Total and Percent Repeat Customer Trouble Reports within 30 Days (TOT_REPEAT)
- Service Type
- Disposition and Cause (CAUSE_CD & CAUSE_DESC)

Note: Code in parentheses is the corresponding header found in the raw data file.

Relating to BellSouth Performance

· Report Month



- · Total Tickets
- · BellSouth Company Code
- Ticket Submission Date
- · Ticket Submission Time
- Ticket Completion Date
- Ticket Completion Time
- Total and Percent Repeat Customer Trouble Reports within 30 Days
- Service Type
- Disposition and Cause (Non-Design /Non-Special Only)
- Trouble Code (Design and Trunking Services)

SQM Disaggregation - Analog/Benchmark

SQM Analog/Benchmark **SQM Level of Disaggregation** Resale Business Retail Business Resale Centrex Retail Centrex Resale ISDN Retail ISDN Switch-based feature troubles)

SEEM Measure

SEEM	Tier I	Tier II
Yes	X	X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
Resale Residence	Retail Residence
Resale Business	Retail Business
Resale Design	Retail Design
Resale PBX	Retail PBX
Resale Centrex	Retail Centrex
Resale ISDN	Retail ISDN
2W Analog Loop Design	Retail Residence and Business Dispatch
2W Analog Loop Non – Design	Retail Residence and Business (POTS) (Exclusion of
	Switch-based feature troubles)
UNE Digital Loop < DS1	
• UNE Digital Loop >= DS1	Retail Digital Loop >= DS1
UNE Loop + Port Combinations	Retail Residence and Business
UNE Switch ports	Retail Residence and Business (POTS)
UNE Combo Other	Retail Residence, Business and Design Dispatch



•	UNE xDSL (HDSL, ADSL and UCL)	ADSL Provided to Retail
•	UNE ISDN	Retail ISDN – BRI
•	UNE Line Sharing	
	UNE Other Design	
	UNE Other Non-Design	
	Local Transport (Unbundled Interoffice Transport)	
	Local Interconnection Trunks	



M&R-5: Out of Service (OOS) > 24 Hours

Definition

For Out of Service Customer Troubles (no dial tone, cannot be called or cannot call out) the percentage of Total OOS Customer Troubles cleared in excess of 24 hours. (All design services are considered to be out of service).

Exclusions

- Trouble Reports canceled at the CLEC request
- BellSouth Trouble Reports associated with administrative service
- Customer Provided Equipment (CPE) Troubles or CLEC Equipment Troubles.

Business Rules

Customer Trouble reports that are out of service and cleared in excess of 24 hours. The clock begins when the customer trouble report is created in LMOS/WFA and the customer trouble is counted if the elapsed time exceeds 24 hours.

Calculation

Out of Service (OOS) > 24 hours = (a / b) X 100

- a = Total Cleared Customer Troubles OOS > 24 Hours
- b = Total OOS Customer Troubles in Reporting Period

Report Structure

- Dispatch/Non-Dispatch
- CLEC Specific
- BellSouth Aggregate
- CLEC Aggregate
- · Geographic Scope
 - State
 - Region

Data Retained

Relating to CLEC Experience

- · Report Month
- Total Tickets
- CLEC Company Name
- Ticket Submission Date and Time (TICKET_ID)
- Ticket Completion Date (CMPLTN_DT
- Percentage of Customer Troubles out of Service > 24 Hours (OOS>24_FLAG)
- Service type (CLASS_SVC_DESC)
- Disposition and Cause (CAUSE_CD & CAUSE-DESC)

Note: Code in parentheses is the corresponding header found in the raw data file.

CCCS 750 of 866



Relating to BellSouth Performance

- Report Month
- Total Tickets
- BellSouth Company Code
- Ticket Submission Date
- · Ticket Submission time
- Ticket Completion Date
- Ticket Completion Time
- Percent of Customer Troubles out of Service > 24 Hours
- Service Type
- Disposition and Cause (Non-Design/Non-Special only)
- Trouble Code (Design and Trunking Services)

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation SQM Analog/Benchmark Resale PBXRetail PBX Switch-based feature troubles) UNE Digital Loop >= DS1 Retail Digital Loop >= DS1 UNE Loop + Port Combinations Retail Residence and Business UNE Other Design Retail Design

SEEM Measure

SEEM	Tier I	Tier II
Yes	X	X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation	SEEM Analog/Benchmark
Resale Residence	Retail Residence
Resale Business	Retail Business
Resale Design	Retail Design
Resale PBX	Retail PBX
Resale Centrex	Retail Centrex
Resale ISDN	Retail ISDN
2W Analog Loop Design	Retail Residence and Business Dispatch
2W Analog Loop Non – Design	Retail Residence and Business (POTS) (Exclusion of
	Switch-based feature troubles)
UNE Digital Loop < DS1	

CCCS 751 of 866



•	UNE Digital Loop >= DS1	. Retail Digital Loop >= DS1
•	UNE Loop + Port Combinations	. Retail Residence and Business
	UNE Switch Ports	
	UNE Combo Other	
	UNE xDSL (HDSL, ADSL and UCL)	
•	UNE ISDN	. Retail ISDN – BRI
•	UNE Line Sharing	. ADSL Provided to Retail
•	UNE Other Design	. Retail Design
	UNE Other Non-Design	
•	Local Transport (Unbundled Interoffice Transport)	. Retail DS1/DS3 Interoffice
•	Local Interconnection Trunks	. Parity with Retail

BELLSOUTH*



M&R-6: Average Answer Time – Repair Centers

Definition

This report measures the average time a customer is in queue when calling a BellSouth Repair Center.

Exclusions

· Abandoned Calls

Business Rules

The clock starts when a CLEC Representative or BellSouth customer makes a choice on the Repair Center's menu and is put in queue for the next repair attendant. The clock stops when the repair attendant answers the call.

Note: The Total Column is a combined BellSouth Residence and Business number.

Calculation

Answer Time for BellSouth Repair Centers = (a - b)

- a = Time BellSouth Repair Attendant Answers Call
- b = Time of entry into queue after ACD Selection

Average Answer Time for BellSouth Repair Centers = (c / d)

- c = Sum of all Answer Times
- d = Total number of calls by reporting period

Report Structure

- **CLEC Aggregate**
- BellSouth Aggregate
- Geographic Scope
 - Region

Data Retained

Relating to CLEC Experience

CLEC Average Answer Time

Relating to BellSouth Performance

• BellSouth Average Answer Time

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

· Region. CLEC/BellSouth Service Centers and BellSouth Repair Centers are regional.



SQM Analog/Benchmark

• For CLEC, Average Answer Times in UNE Center and BRMC are comparable to the Average Answer Times in the BellSouth Repair Centers.

SEEM Measure

SEEM	Tier I	Tier I
No		

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation SEEM Analog/Benchmark Not Applicable......Not Applicable

113



M&R-7: Mean Time To Notify CLEC of Network Outages

Definition

BellSouth will inform the CLEC and appropriate BellSouth personnel of any Network outages (customer impacting).

Exclusions

None

Business Rules

The time it takes for the Network Management Center (NMC) to notify the CLEC and appropriate BellSouth personnel of a customer impacting network incident in equipment that may be utilized by the CLEC. When BellSouth becomes aware of a network incident, the CLEC and appropriate BellSouth personnel will be notified electronically. The notification time for each outage will be measured in minutes and divided by the number of outages for the reporting period. The CLECs will be notified the same way and at the same time as BellSouth personnel. These are broadcast messages. It is up to those receiving the message to determine if they have customers affected by the incident.

Calculation

Time to Notify = (a - b)

- a = Date and Time NMC Notified
- b = Date and Time NMC detected network incident

Mean Time to Notify = (c / d)

- c = Sum of all Times to Notify
- d = Count of all Network Incidents

Report Structure

- · BellSouth Aggregate
- CLEC Aggregate
- CLEC Specific
- Geographic Scope
 - Region

Data Retained

Relating to CLEC Experience

- Report Month
- Major Network Events
- Date/Time of Incident
- · Date/Time of Notification

Relating to BellSouth Performance

- Report Month
- Major Network Events
- Date/Time of Incident
- Date/Time of Notification



SQM Disaggregation - Analog/Benchmark

SQM Level of Di	saggregatio	n	SQM Analog/Benchmark
 CLEC A 	ggregate		Parity with Retail Parity with Retail Parity with Retail Parity with Retail
SEEM Measu	re		
SEEM	Tier I	Tier II	
No			
0554.5			

SEEM Disaggregation - Analog/Benchmark

SEEM D	Disaggregation	SEEM Analog/Benchmark
•	Not Applicable	. Not Applicable



Section 5: Billing

B-1: Invoice Accuracy

Definition

This measure provides the percentage of accuracy of the billing invoices rendered to CLECs during the current month.

Exclusions

- Adjustments not related to billing errors (e.g., credits for service outage, special promotion credits, adjustments to satisfy the customer)
- Test Accounts

Business Rules

The accuracy of billing invoices delivered by BellSouth to the CLEC must enable them to provide a degree of billing accuracy comparative to BellSouth bills rendered to retail customers of BellSouth. CLECs request adjustments on bills determined to be incorrect. The BellSouth Billing verification process includes manually analyzing a sample of local bills from each bill period. The bill verification process draws from a mix of different customer billing options and types of service. An end-to-end auditing process is performed for new products and services. Internal measurements and controls are maintained on all billing processes. The CLEC-specific raw data file (which is available on the PMAP web site) will contain the number of bills and adjustments for the reporting month. The number of bills and bill adjustments will be displayed by OCN and/or ACNA.

Calculation

Invoice Accuracy = $[(a - b) / a] \times 100$

- a = Absolute Value of Total Billed Revenues during current month
- b = Absolute Value of Total Billing Related Adjustments during current month

Measure of Adjustments = $[(c-d)/c] \times 100$

- c = Number of Bills in current month
- d = Number of Billing-related Adjustments in current month

Report Structure

- CLEC Specific
- CLEC Aggregate
- BellSouth Aggregate
- Geographic Scope
 - State
 - Region
- · Number of Adjustments

Data Retained

Relating to CLEC Experience

- Report Month
- Invoice Type
 - UNE
 - Resale
 - Interconnection

Billing



Tennessee Performance Metrics

- Total Billed Revenue
- Total Billing Related Adjustments
- Number of Bills
- · Number of Adjustments

Relating to BellSouth Performance

- Report Month
- Retail Type
 - CRIS
 - CABS
- Total Billed Revenue
- · Total Billing Related Adjustments

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

SQM Analog/Benchmark

- Resale
- UNE
- Interconnection

SEEM Measure

 SEEM
 Tier I
 Tier II

 Yes
 X
 X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation

SEEM Analog/Benchmark

- UNE
- Interconnection

Version 2.00

Issue Date: July 1, 2003



B-2: Mean Time to Deliver Invoices

Definition

This report measures the mean interval for timeliness of billing invoices sent to CLECs in an agreed upon format. CRIS-based invoices are measured in business days, and CABS-based invoices in calendar days.

Exclusions

None

Business Rules

Bill Distribution is calculated as follows: CRIS BILLS-The number of workdays is reported for CRIS bills. This is calculated by counting the Bill Period date as the first workday. Weekends and holidays are excluded when counting workdays. J/N Bills are counted in the CRIS work day category for the purposes of the measurement since their billing account number (Q account) is provided from the CRIS system.

CABS BILLS-The number of calendar days is reported for CABS bills. This is calculated by counting the day following the Bill Period date as the first calendar days. Weekends and holidays are included when counting the calendar days.

Calculation

Invoice Timeliness = (a - b)

- a = Invoice Transmission Date
- b = Close Date of Scheduled Bill Cycle

Mean Time To Deliver Invoices = (c / d)

- c = Sum of all Invoice Timeliness intervals
- d = Count of Invoices Transmitted in Reporting Period

Report Structure

- CLEC Specific
- CLEC Aggregate
- BellSouth Aggregate
- Geographic Scope
 - State
 - Region

CCCS 759 of 866



Data Retained

Relating to CLEC Experience

- Report Month
- Invoice Type
 - UNE
 - Resale
 - Interconnection
 - State
- Invoice Transmission Count
- Date of Scheduled Bill Close

Relating to BellSouth Performance

- Report Month
- Invoice Type
 - CRIS
 - CABS
- Invoice Transmission Count
- Date of Scheduled Bill Close

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

Product/Invoice Type

- Resale
- UNE
- Interconnection
- State

SQM Analog/Benchmark

· CLEC Average Delivery Intervals for both CRIS and CABS Invoices are comparable to BellSouth Average delivery for both systems.

SEEM Measure

SEEM	Tier I	Tier I
Yes	X	X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation

SEEM Analog/Benchmark

- CRIS CABS
- BST-State



B-3: Usage Data Delivery Accuracy

Definition

This measurement captures the percentage of recorded usage that is delivered error free and in an acceptable format to the appropriate Competitive Local Exchange Carrier (CLEC). These percentages will provide the necessary data for use as a comparative measurement for BellSouth performance. This measurement captures Data Delivery Accuracy rather than the accuracy of the individual usage recording.

Exclusions

None

Business Rules

The accuracy of the data delivery of usage records delivered by BellSouth to the CLEC must enable them to provide a degree of accuracy comparative to BellSouth bills rendered to their retail customers. If errors are detected in the delivery process, they are investigated, evaluated and documented. Errors are corrected and the data retransmitted to the CLEC.

Calculation

Usage Data Delivery Accuracy (Packs) = $(a - b) / a \times 100$ (This calculation not ordered by the FPSC)

- a = Total number of usage data packs sent during current month
- b = Total number of usage data packs requiring retransmission during current month

Usage Data Delivery Accuracy (Records) = $(c - d) / c \times 100$

- c = Total number of usage records sent during current month
- d = Total number of usage records requiring retransmission during current month

Report Structure

- CLEC Aggregate
- · BellSouth Aggregate
- Geographic Scope
 - Region

Data Retained

Relating to CLEC Experience

- · Report Month
- Record Type
 - BellSouth Recorded
 - Non-BellSouth Recorded
- Number of Records
- Packs

Relating to BellSouth Performance

- Report Month
- Record Type
- Number of Records
- Packs



SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation SQM Analog/Benchmark

SEEM Measure

 SEEM
 Tier I
 Tier II

 Yes
 X
 X

SEEM Disaggregation - Analog/Benchmark

SEEM Disaggregation SEEM Analog/Benchmark

BellSouth Region





B-4: Usage Data Delivery Completeness

Definition

This measurement provides percentage of complete and accurately recorded usage data (usage recorded by BellSouth and usage recorded by other companies and sent to BellSouth for billing) that is processed and transmitted to the CLEC within thirty (30) days of the message recording date. A parity measure is also provided showing completeness of BellSouth messages processed and transmitted via CMDS. BellSouth delivers its own retail usage from recording location to billing location via CMDS as well as delivering billing data to other companies. Timeliness, Completeness and Mean Time to Deliver Usage measures are reported on the same report.

Exclusions

None

Business Rules

The purpose of these measurements is to demonstrate the level of quality of usage data delivered to the appropriate CLEC. Method of delivery is at the option of the CLEC.

Calculation

Usage Data Delivery Completeness = $(a/b) \times 100$

- a = Total number of Recorded usage records delivered during current month that are within thirty (30) days of the message recording date
- b = Total number of Recorded usage records delivered during the current month

Report Structure

- CLEC Specific
- CLEC Aggregate
- Region

Data Retained

Relating to CLEC Experience

- Report Month
- Record Type
 - BellSouth Recorded
 - Non-BellSouth Recorded

Relating to BellSouth Performance

• None

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation	SQM Analog/Benchmark
Region	>= 98% within 30 Calendar Days