

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In the Matter of the)
Interconnection Agreement)
Negotiations Between AT&T)
COMMUNICATIONS OF THE)
SOUTHERN STATES, INC. and)
BELLSOUTH)
TELECOMMUNICATIONS, INC.,)
Pursuant to 47 U.S.C. Section 252)
_____)

DOCKET NO. 960833-TP

PETITION BY AT&T FOR
ARBITRATION UNDER THE
TELECOMMUNICATIONS ACT
OF 1996

**INDEX TO AT&T'S DOCUMENTS SUBMITTED
PURSUANT TO THE TELECOMMUNICATIONS ACT OF 1996***

Declassified
2-11-99

* Documents indexed at Tabs 346 through 435 are not included herein because they have been designated by BellSouth as containing information that is proprietary and confidential to BellSouth. Documents indexed at Tabs 292 through 345 are being submitted in a separate volume because these documents contain information that is proprietary and confidential to AT&T. See AT&T's Stipulated Protective Order, filed today.

Vol VIII

DN
07452-96
7/17/96

VOLUME	TAB	DATE	DESCRIPTION	BATES NO.
I	1	Undated	AT&T Position: Conditions Necessary for Viable Local Exchange Competition	000001
	2	Undated	Florida: Comparison of Revenues from Obsolete Services with Total State Revenues	000003
	3	Undated	Standard Access Billing Requirements: Local/Resale	000020
	4	10/4/95	Letter from W. West to D. Anderson	000058
	5	11/9/95	Letter from G. Calhoun to J. Bradbury	000098
	6	12/18/95	Electronic Communications Interface Provisioning Object Requirements	000188
	7	1/18/96	OLEC-to-BellSouth Ordering Guidelines Resale	000229
II	8	1/25/96	Letter from T. Hamby to T. Lyndall	000324
	9	1/31/96	OLEC-to-BellSouth Ordering Guidelines: Facility Based	000415
	10	2/6/96	OLEC-to-BellSouth Ordering Guidelines: Resale	000485
	11	2/23/96	Briefing Materials Concerning Slamming Issue	000586
III	12	2/28/96	OLEC-to-BellSouth Ordering Guidelines: Facility Based	000626
	13	3/1/96	OLEC-to-BellSouth Ordering Guidelines: Resale	000703
	14	3/4/96	Letter from J. Carroll to D. Ackerman - Georgia	000813
	15	3/4/96	Letter from J. Carroll to D. Ackerman - North Carolina	000814
	16	3/4/96	Letter from J. Carroll to D. Ackerman - Tennessee	000815
	17	3/4/96	Letter from J. Carroll to D. Ackerman - Florida	000816
	18	3/6/96	Letter from G. Calhoun to J. Bradbury	000817
	19	3/6/96	Letter from D. Ackerman to B. Carroll	000818
	20	3/15/96	Letter from J. Carroll to D. Ackerman	000819
	21	3/15/96	Comments of BellSouth Europe to the European Commission's Green Paper on the Liberalisation of Telecommunications Infrastructure and Cable Television Networks	000820
	22	3/19/96	Memo to File from J. Carroll	000836
	23	3/25/96	Faxed Memo from S. Anderson to M.J. Peed	000839
	24	3/27/96	Faxed Memo from M.J. Peed to S. Anderson	000847
	25	3/28/96	Letter from P. Foster to S. Lavett	000850
	26	3/28/96	Letter from P. Foster to S. Lavett	000897

IV	27	3/29/96	Resale Ordering Guidelines	000898
	28	4/1/96	Letter from S. Anderson to M.J. Peed	001007
	29	4/1/96	Memo from J. Carroll to S. Anderson et al	001010
	30	4/2/96	Message from S. Lavett to "Pam"	001011
	31	4/4/96	Letter from S. Anderson to M.J. Peed	001012
	32	4/4/96	Letter from N. Brown to B. Sheye/S. Shaefer, et al.	001019
	33	4/4/96	Notes from Meeting between C. Coe and J. Carroll	001023
	34	4/4/96	R. Oaks Handwritten Notes	001033
	35	4/4/96	P. Nelson Handwritten Notes	001039
	36	4/9/96	Fax from J. Lofton from E. Walsh	001095
	37	4/9/96	Letter from S. Ray to S. Lavett	001097
	38	4/10/96	Draft of Facility-Based Ordering Guidelines	001099
	39	4/10/96	Letter from J. Bradbury to S. Lavett	001180
	40	4/10/96	Letter from C. Clark S. Lavett	001181
	41	4/11/96	Hand-delivered Data from C. Clark to S. Lavett, et al.	001184
	42	4/11/96	Letter from S. Lavett to P. Foster	001196
	43	4/11/96	Memo from S. Anderson to L. Cecil, et al.	001197
V	44	4/11/95	Handwritten Notes from P. Nelson	001199
	45	4/22/96	Timelines and Process for Completing the Agreement	001266
	46	4/12/96	Letter from S. Ray to S. Lavett	001268
	47	4/12/96	Memo from J. Carroll to A. Mule	001270
	48	4/12/96	Letter from C. Coe to J. Carroll	001271
	49	4/15/96	Letter from S. Ray to S. Lavett	001273
	50	4/15/96	Letter from J. Carroll to D. Ackerman	001274
	51	4/17/96	Letter from M.J. Peed to S. Anderson	001275
	52	Undated	Handwritten note from S. Ray to S. Lavett	001277
	53	4/17/96	Faxed memo from C. Steele to S. Ray	001279
	54	4/18/96	Faxed memo from S. Lavett to P. Foster	001283
	55	4/18/96	Faxed letter from C. Clark to S. Lavett	001284
	56	4/19/96	Faxed memo from S. Anderson to A. Mule	001286

	57	4/22/96	Faxed memo from S. Schaefer to J. Carroll	001288
	58	4/23/96	Faxed memo from S. Anderson to A. Mule	001289
	59	4/23/96	Faxed memo from S. Lavett to P. Foster	001293
	60	4/23/96	Memo from S. Ray to S. Lavett	001294
	61	4/23/96	Letter from S. Ray to S. Lavett	001295
	62	4/23/96	Letter from J. Carroll to C. Coe	001299
	63	4/23/96	Memo to File and A. Mule	001302
	64	4/23/96	Letter from J. Bradbury to S. Lavett	001311
VI	65	4/24/96	Memo from J. Carroll to C. Coe	001547
	66	4/24/96	Letter from J. Carroll to D. Ackerman	001551
	67	4/24/96	Letter from J. Bradbury S. Lavett	001552
	68	4/25/96	Audix Messages from "Jim" to Governance Team	001556
	69	4/25/96	Memo from C. Steele to S. Ray	001557
	70	4/26/96	Faxed letter from C. Weekley to S. Lavett	001558
	71	4/26/96	Memo to File from J. Carroll	001560
	72	4/26/96	Memo to File from J. Carroll	001561
	73	4/26/96	Letter from S. Ray to C. Steele	001562
	74	4/26/96	Letter from S. Schaefer to J. Carroll	001564
	75	4/26/96	Letter from C. Clark to S. Lavett	001569
	76	4/26/96	Handwritten note from S. Wilcox to S. Ray	001572
	77	4/26/96	Memo from M.J. Peed to N. Brown	001575
	78	4/26/96	Letter from P. Foster to "Scott"	001576
	79	4/26/96	MFR Phone Call from M.J. Peed	001578
	80	4/29/96	Letter from J. Bradbury to S. Lavett	001579
	81	4/30/96	Letter from S. Schaefer to J. Carroll	001582
	82	4/30/96	Letter from S. Schaefer to J. Carroll	001587
	83	4/30/96	Letter from K. Taber to S. Lavett	001589
	84	4/30/96	Faxed memo from S. Lavett to S. Ray	001590
	85	4/30/96	Faxed memo from N. Brown to S. Lavett	001592
	86	4/30/96	AT&T/BAPCO Agenda	001593

				001596
87	5/1/96	Letter from J. Bradbury to B. Carnes		001598
88	5/1/96	Handwritten note from M. Fawzi		001599
89	5/2/96	Letter from K. Taber to R. Baretto		001600
90	5/2/96	Handwritten note from C. Steele to S. Ray		001603
91	5/2/96	Notes from N. Brown call with S. Anderson and M.J. Peed		001604
92	5/3/96	Memo from R. Baretto to K. Taber		001605
93	5/3/96	Letter from S. Ray to S. Lavett		001618
94	5/3/96	Notes from M. Guedel call with F. Kolb		001619
95	5/3/96	Voice Mail from M. Guedel to N. Brown		001620
96	5/3/96	Letter from M.J. Peed to S. Anderson		001623
97	5/6/96	Fax memo from S. Lavett to P. Foster		001626
98	5/6/96	Letter from J. Carroll to D. Ackerman		001627
99	5/6/96	Letter from J. Carroll to D. Ackerman		001628
100	5/6/96	Memo from N. Brown to R. Shurter		001630
101	5/6/96	E-mail message from N. Brown to "D Ripley", et al.		001633
102	5/7/96	Faxed letter from C. Clark to S. Lavett		001636
103	5/7/96	Faxed communication from S. Anderson to A. Mule		001639
104	5/7/96	Hand-delivered letter from N. Brown to M. Augier, et al.		001667
105	5/8/96	Letter from V. Sanford to E. Roberson		001760
106	5/8/96	Letter from S. Ray to S. Lavett		001763
107	5/9/96	Letter from K. Taber to R. Barretto		001765
108	5/9/96	Letter from K. Taber to R. Barretto		001766
109	5/9/96	Letter from P. Foster to S. Schaefer		001768
110	5/10/96	Letter from R. Oaks to V. Atherton		001773
111	5/10/96	Letter from Q. Sanders to P. Nelson		001774
112	5/10/96	Memo from N. Brown to S. Lavett		001775
113	5/13/96	Voice Mail from N. Brown to S. Lavett		001779
114	5/13/96	Memo from S. Lavett to C. Clark		001781
115	5/13/96	Faxed memo from P. Foster to S. Lavett		001785
116	5/13/96	Memo from D. Lee to S. Con		

	117	5/13/96	Fax communication from S. Lavett to P. Nelson	001790
	118	5/14/96	Faxed letter from J. Bradbury to S. Lavett	001794
	119	5/15/96	Letter from S. Lavett to C. Clark	001797
	120	5/15/96	Faxed note from J. Bradbury to J. Savage	001801
	121	5/15/96	Faxed letter from B. Carnes to J. Bradbury	001802
	122	5/16/96	Letter from S. Schaefer to J. Carroll	001804
	123	5/16/96	Letter from S. Schaefer to J. Carroll	001822
	124	5/16/96	Faxed memo from M.J. Peed to S. Anderson	001824
VII	125	5/16/96	Letter from S. D. Ray to S. Lavett	001834
	126	5/16/96	Letter from S. Lavett to K. Taber	001842
	127	5/17/96	Letter from R. Oaks to V. Atherton	001843
	128	5/17/96	Memo to File from J. Carroll	001844
	129	5/17/96	Letter from N. Brown to S. Lavett/B. Scheye	001845
	130	5/17/96	Notes from C. Clark	001861
	131	5/17/96	Letter from S. Ray to S. Lavett	001868
	132	5/17/96	Fax from S. Lavett to P. Nelson	001869
	133	5/17/96	Audix Message from N. Brown to Subset Leadership Team /Gov. Team	001872
	134	5/20/96	Letter from P. Foster to S. Lavett	001873
	135	5/20/96	Letter from S. Schaefer to J. Carroll	001876
	136	5/20/96	Letter from S. Schaefer to J. Carroll	001878
	137	5/20/96	Faxed notes from S. Lavett to P. Nelson	001879
	138	5/20/96	Faxed letter from B. Carnes to C. Clark	001880
	139	5/20/96	Faxed letter from S. Anderson to M.J. Peed	001883
	140	5/21/96	Letter from J. Carroll to C. Coe	001885
	141	5/21/96	Letter from J. Carroll to S. Schaefer	001890
	142	5/21/96	Letter from J. Carroll to D. Ackerman	001894
	143	5/21/96	Letter from Barretto to K. Taber	001896
	144	5/21/96	Letter from K. Taber to S. Lavett	001912
	145	5/21/96	Letter from J. Latham to C. Weekley	001913
	146	5/22/96	Data Re: Unbundled Network Elements Cost Studies Summary	001915

147	5/23/96	Memo to File from J. Carroll	001916
148	5/23/96	Letter from K. Taber S. Lavett	001917
149	5/23/96	Letter to V. Atherton	001918
150	5/23/96	Letter from C. Steele to Sue Ray	001922
151	5/23/96	Voice Mail from S. Lavett to N. Brown	001925
152	5/23/96	Letter from C. Clark to S. Lavett	001927
153	5/23/96	Memo from P. Nelson to "Team"	001929
154	5/23/96	Letter from C. Howorth to E. Roberson	001946
155	7/13/96	Draft Data re: Unbundled Network Elements	001971
156	5/24/96	Voice mail message from N. Brown to F. Kolb and S. Lavett	001983
157	5/28/96	Faxed communication from S. Lavett to P. Nelson	001984
158	5/28/96	Letter from C. Steele to S. Ray	001986
159	5/28/96	Memo from D. Lee to V. Sapp	001987
160	5/29/96	Hand-delivered letter from P. Nelson to S. Lavett	001988
161	5/29/96	Audix message from K. Milner to A. Mule, et al.	001995
162	5/29/96	E-mail message from N. Brown to "Cummings", et al.	001996
163	5/29/96	Affidavit of L. Selwyn and P. Kravtin-CC Dkt. No. 96-98	002005
164	5/30/96	Memo from P. Nelson to L. Cecil, et al.	002062
165	5/30/96	Letter from Marc Cathey to N. Brown	002072
166	5/30/96	Letter from S. Schaefer to J. Carroll	002074
167	5/30/96	Audix message from K. Milner to "Pam"	002077
168	5/30/96	Voice mail message from S. Schaefer	002078
169	5/30/96	Memo to file	002079
170	5/31/96	Memo from R. Barretto to K. Taber	002080
171	5/31/96	Faxed letter from S. Schaefer to J. Carroll	002088
172	5/31/96	Letter from C. Coe to J. Carroll	002091
173	5/31/96	Memo to file from J. Carroll	002092
174	5/31/96	Memo from M. Duke to P. Foster	002093
175	6/3/96	Letter from S. Anderson to M.J. Peed	002098
176	6/3/96	Letter from C. Clark to S. Lavett	002100

				002101
	177	6/3/96	Letter from C. Clark to S. Lavett	002102
	178	6/3/96	Faxed communication from S. Lavett to R. Oaks	002103
	179	6/3/96	Letter from S. Ray to C. Braun	002105
	180	6/4/96	Memo from P. Sims to K. Taber	002111
	181	6/4/96	Memo from P. Sims to K. Taber	002127
	182	6/5/96	Letter from S. Schaefer to J. Carroll	002134
VIII	183	6/5/96	Faxed communication from S. Lavett to R. Oaks, et al.	002138
	184	6/5/96	BellSouth Resale Ordering Guidelines	002268
	185	6/5/96	Draft of Service/Network Operations and Interconnection	002284
	186	6/6/96	Faxed communication from S. Lavett to R. Oaks	002286
	187	6/6/96	Letter from J. Carroll to C. Coe	002289
	188	6/6/96	Memo to File re: Meeting between J. Carroll and C. Coe	002294
	189	6/6/96	Memo from S. Lavett to K. Taber	002295
	190	6/6/96	Memo from P. Sims to K. Taber	002296
	191	6/6/96	Faxed letter from M.J. Peed to S. Anderson	002298
	192	6/6/96	Handwritten note re: Local Switching	002299
	193	6/10/96	Letter from P. Foster to S. Schaefer	002301
	194	6/10/96	Faxed letter from S. Anderson to M.J. Peed	002302
	195	6/10/96	Audix Message from K. Milner to P. Nelson	002303
	196	6/11/96	Memo from M.J. Peed to N. Brown	002304
	197	6/11/96	Letter from K. Taber to S. Lavett	002306
	198	6/11/96	Letter from S. Lavett to C. Clark	002308
	199	6/12/96	List of verbal data request	002310
	200	6/12/96	Letter from P. Foster to S. Lavett	002321
	201	6/12/96	Faxed communication from S. Lavett to P. Nelson & R. Oaks	002323
	202	6/12/96	Audix message left for S. Schaefer	002324
	203	6/12/96	Audix message from K. Milner to P. Nelson	002325
	204	6/13/96	Faxed communication from S. Lavett to P. Nelson	002331
	205	6/13/96	Letter from P. Sims to K. Franklin	002332
	206	6/13/96	Letter from S. Schaefer to J. Carroll	

	207	6/13/96	Letter from S. Schaefer to J. Carroll	002333
	208	6/13/96	Letter from S. Schaefer to J. Carroll	002335
	209	6/13/96	Letter from J. Carroll to S. Schaefer	002423
	210	6/14/96	Letter from J. Carroll to C. Coe	002425
	211	6/17/96	Faxed communications from S. Lavett to R. Oaks	002426
	212	6/17/96	Faxed communication from S. Lavett to R. Oaks	002429
	213	6/17/96	Faxed communication from S. Lavett to P. Foster	002430
	214	6/17/96	Faxed communication from S. Lavett to P. Foster	002433
	215	6/17/96	Letter from P. Sims to K. Taber	002435
	216	6/17/96	Letter from P. Sims to K. Taber	002436
	217	6/17/96	Memo to File	002437
	218	6/17/96	Memo to File	002438
IX	219	6/17/96	Faxed memo from P. Sims to K. Taber	002439
	220	6/17/96	Faxed letter from R. Barretto to K. Taber	002448
	221	6/17/96	Letter from R. Oaks to V. Atherton	002463
	222	6/18/96	Letter from P. Nelson to S. Lavett	002465
	223	6/18/96	Memo to File	002466
	224	6/18/96	Letter from S. Schaefer to J. Carroll	002470
	225	6/18/96	Memo from G. Deveporte to A. Mule	002471
	226	6/19/96	Hand delivered Letter from M.J. Peed to S. Anderson	002475
	227	6/19/96	Letter from S. Lavett to P. Foster	002477
	228	6/19/96	Letter from C. Steele to S. Ray	002478
	229	6/19/96	Issue Letter from C. Weekley to S. Lavett	002479
	230	6/19/96	Letter from V. Atherton to R. Oakes	002482
	231	6/19/96	Memo to file voice mail message to S. Schaefer	002483
	232	6/19/96	Memo from J. Carroll to A. Mule'	002484
	233	6/19/96	Memo from J. Carroll to A. Mule'	002485
	234	None	Document omitted	002486
	235	6/20/96	Letter from K. Taber to S. Lavett	002504
	236	6/20/96	Letter from W. Ellison to R. Starks	002505

	237	6/20/96	Letter from S. Ray to C. Steele	002507
	238	6/20/96	Letter from J. Carroll to S. Schaefer	002512
	239	6/21/96	Fax Letter from R. Barretto to K. Taber	002513
	240	6/21/96	Letter from K. Franklin to P. Sims	002515
	241	6/21/96	Notes from J. Bradbury	002517
	242	6/24/96	Letter from P. Nelson to S. Lavett	002534
	243	6/24/96	Letter from P. Foster to "Sue"	002535
	244	6/24/96	Letter from S. Schaefer to J. Carroll	002537
	245	6/24/96	Memo from P. Sims to K. Taber	002539
	246	6/24/96	Audix message from B. Carnes to P. Nelson	002540
	247	6/24/96	Letter from Sue Ray to M. Thompson	002541
	248	6/25/96	Fax Letter from S. Anderson to M.J. Peed	002542
	249	6/25/96	Notes from R. Oakes BST Response to AT&T Action Items	002543
	250	6/25/96	Notes from R. Oakes	002550
	251	6/25/96	Notes from unknown author	002552
	252	6/26/96	Letter from J. Carroll to S. Schaefer	002553
	253	6/26/96	Fax from V. Sapp to D. Lee	002556
	254	6/26/96	Fax from J. Bradbury to B. Higdon	002563
	255	6/27/96	Memo from W. Ellison to R. Starks	002573
	256	6/27/96	AT&T Cost Data Requests	002577
	257	6/28/96	Letter from K. Taber to P. Sims	002578
	258	6/28/96	Letter from K. Taber to P. Sims	002579
X	259	6/28/96	Letter from J. Carroll to C. Coe	002580
XI	260	7/1/96	Memo from G. Follensbee to L. Cecil et al.	002914
	261	7/1/96	Faxed communication from C. Clark to S. Lavett	003006
	262	7/1/96	Faxed letter from S. Lavett to P. Nelson	003012
	263	7/1/96	Letter from C. Weekley to I. Regas	003014
	264	7/1/96	Issue letter from C. Weekley to P. Cowart	003016
	265	7/1/96	Letter from P. Sims to K. Taber	003018
	266	7/1/96	Letter from P. Sims to K. Taber	003019

	267	7/1/96	Letter from P. Sims to K. Taber	003021
	268	7/2/96	Draft: Services Available for Resale Data Request(s)	003032
	269	7/2/96	Letter from S. Ray to S. Lavett	003034
	270	7/3/96	Memo from W. Ellison to J. Hendricks	003035
	271	7/3/96	Fax from P. Cowart to C. Weekley	003040
	272	7/3/96	Fax from P. Sims to K. Taber	003042
	273	7/5/96	Faxed memo from J. Bradbury to B. Higdon	003046
	274	7/5/96	Memo from Field Comm & Advocacy Support to A. Mule	003048
	275	7/5/96	Faxed letter from S. Schaefer to J. Carroll	003102
	276	7/8/96	Letter from R. Oaks to V. Atherton	003106
	277	7/8/96	Memo to File: Voice mail message from S. Schaefer	003107
	278	7/9/96	Faxed letter from S. Anderson to M.J. Peed	003108
	279	7/9/96	Faxed letter from S. Anderson to M.J. Peed	003109
	280	7/9/96	Letter from K. Taber to S. Lavett	003110
	281	7/9/96	Letter from S. Ray to C. Steele	003112
	282	7/10/96	Faxed letter from C. Steele to Sue Ray	003113
	283	7/10/96	Issue data submitted by C. Clark	003114
	284	7/10/96	Letter from P. Nelson to S. Lavett	003127
	285	7/11/96	Letter from C. Clark to S. Wilcox	003131
	286	7/11/96	Letter from C. Clark to S. Wilcox	003132
	287	7/12/96	Letter from T. Hamby to T. Lyndall	003133
	288	7/12/96	Faxed memo from N. Brown to M.J. Peed	003271
	289	7/12/96	Letter from J. Carroll to S. Schaefer	003272
	290	6/14/96	Issue data submitted by C. Clark	003277
XII	291	Various	Minutes of the Core Team Meetings	300007
XIII	292	Undated	Weekly AT&T inputs to joint negotiations status document.	200001
	293	Undated	Ordering and provisioning requirements	200002
	294	6/28/96	Interconnection Agreement	200011
	295	Undated	AT&T Local Interconnection	200030
	296	Undated	Resale Matrix	200076

	297	10/00/95	Unbundling and Interconnection Policy Update and Supplement	200129
	298	10/13/95	Memo from D. Hassebrock to P. Nelson	200186
	299	11/00/95	Local Resale Data Transfer Requirements	200209
	300	11/14/95	AT&T Communications Inc. Loop Unbundled	200245
	301	12/20/95	AT&T Communications Inc. Total Resale	200272
	302	12/8/95	Memo from J. Matz to G. Rall et al.	200291
XIV	303	12/26/95	AT&T's Policy On Customer Provisioning	200316
	304	2/14/96	Standard AT&T Billing Requirements	200323
	305	3/00/96	Loop Resale Data Transfer Requirements	200366
	306	3/1/96	OLEC - to - BellSouth Ordering Guidelines	200397
	307	3/8/96	Local Directory Assistance Technical Plan	200398
	308	3/13/96	Letter from P. Nelson to R. Scheye	200448
	309	3/21/96	Memo from L. Cecil to Core Team	200451
	310	3/22/96	Unbundled Network Elements Local Platform	200486
	311	3/27/96	Local Account Maintenance	200518
	312	3/27/96	Local Account Maintenance Negotiations AID	200533
	313	3/27/96	AT&T Communications Inc. Local Network Elements	200564
XV	314	3/28/96	Local Operator Services Tactical Plan	200602
	315	3/28/96	AT&T Communications Inc. Total Services Resale	200683
	316	3/28/96	AT&T Communications Inc. Unbundled Loop Combination	200705
	317	4/2/96	Letter from J. Bradbury to S. Lavett	200734
	318	4/4/96	AT&T Unbundled Loop Combination and Interconnection	200735
	319	4/10/96	Memo from J. Bradbury to S. Lavett	200791
	320	4/10/96	Memo from J. Bradbury to S. Lavett	200803
	321	4/16/96	AT&T Communications Inc. Total Services Resale Planning Document	200805
	322	4/16/96	AT&T Communications Inc. Local Network Elements	200828
	323	4/16/96	AT&T Communications Inc. Unbundled Loop Combination and Interconnection	200866
	324	4/29/96	Letter from M. Fawzi to S. Lavett	200895
	325	5/1/96	Total Services Resale Status Document	200897
	326	5/1/96	Total Services Resale Interface Related	200912

XVI	327	5/23/96	Memo from P. Foster to S. Lavett	200928
	328	5/27/96	Local Account Maintenance Negotiations	200937
	329	5/28/96	Unbundled Network Elements Forecast Team	200962
	330	5/31/96	Letter from K. Taber to S. Lavett	200999
	331	6/5/96	Letter from J. Carroll to C. Coe	201011
	332	6/20/96	Letter from S. Ray to S. Lavett	201018
	333	6/21/96	Letter from J. Carroll to C. Coe	201078
	334	6/21/96	Total Services Resale Box Score	201095
	335	6/25/96	Customer Experience Documentation	201112
	336	6/27/96	Memo from P. Nelson to Executive Team	201121
	337	3/27/96	AT&T Communications Inc. Local Network Elements	300040
	338	3/28/96	AT&T Communications Inc. Total Service Resale	300078
	339	3/00/96	Local Resale Data Transfer Requirements	300123
	340	3/28/96	AT&T Communications Inc. Unbundled Loop Combination	300156
	341	3/27/96	Local Account Maintenance	300184
	342	Undated	Proposed Recovery of Costs Incurred by BellSouth	300530
	343	Undated	BellSouth - AT&T Negotiations Operations Costs Issues	300531
	344	7/3/96	AT&T - BellSouth Negotiation Core Team Issues	300542
	345	7/3/96	AT&T - BellSouth Negotiation Core Team Issues	300558
	346	Undated	Subloop Unbundling Proposal Summary	900001
	347	9/13/95	Proposed GA Billing Arrangements	900003
	348	9/19/95	Proposed Billing Arrangements	900072
	349	10/29/95	Total Service Resale Planning Matrix	900141
	350	11/17/95	Total Service Resale	900149
	351	12/4/95	Memo from Q. Sanders to B. West, et al.	900192
	352	12/8/95	Total Service Resale	900209
	353	12/19/95	Service & Service Ordering	900274
	354	12/19/95	Common Issues	900333
	355	1/22/96	Requirement Status/Agree	900339
	356	1/22/96	Provisioning, Maintenance & Repair	900415

357	1/30/96	Fax from M. Imperato to K. Taber	900499
358	2/7/96	Total Service Resale	900521
359	3/25/96	Fax from G. Calhoun to J. Bradbury	900588
360	3/28/96	Fax from S. Lavett to P. Nelson	900593
361	4/00/96	Tennessee Cost Analysis	900595
362	4/00/96	North Carolina Cost Analysis	900799
363	4/00/96	Florida Cost Analysis	901006
364	4/00/96	Georgia Cost Analysis	901236
365	4/2/96	Total Service Resale	901476
366	4/2/96	Total Service Resale - Complete	901525
367	4/2/96	Service & Service Ordering Package	901611
368	3/28/96	Draft Summary	901651
369	4/3/96	Fax from M. Cathey to N. Brown	901655
370	4/2/96	Data Transfer Conference Call	901657
371	4/11/96	Entire Document - Resale	901666
372	4/11/96	Fax from S. Lavett to Sue Ray	901786
373	4/11/96	Fax from M. Cathey to N. Brown	901791
374	4/17/96	BellSouth TSR 4/17/96 Status Report	901803
375	4/17/96	Fax from J. Brinkley to N. Brown	901908
376	4/22/96	Handout from RSAG demo	901922
377	4/22/96	SME Escalation Form	901924
378	4/22/96	SME Escalation Form	901926
379	4/23/96	Resale/Agree	901932
380	4/29/96	Fax from C. Braun to S. Ray	901968
381	4/29/96	Resale/Agree	901976
382	4/29/96	Resale/Obtainable -Pending-Escalated	902013
383	4/29/96	Unbundled/All	902050
384	4/29/96	OLEC-to-BellSouth Ordering Guidelines - Resale	902161
385	Undated	BAPCO Services	902217
386	4/30/96	Resale/Status-None	902258

387	5/7/96	SME Escalation Form	902275
388	5/7/96	Fax from S. Lavett to P. Nelson	902276
389	5/14/96	Unbundled/All	902282
390	5/20/96	Letter from V. Atherton to R. Oakes	902395
391	5/22/96	Executive Team Meeting Notes	902397
392	5/21/96	Switched Local Transport Cost Summaries	902399
393	5/21/96	LTR Studies FL & LA	902810
394	5/21/96	Supplemental Response to Initial AT&T Request Question #5	903042
395	5/24/96	BellSouth's Response to Ellison's Supplemental Data Request of 4/24/96	903625
396	5/24/96	BellSouth Response to Ellison's Supplemental Data Request of 4/26/96	903471
397	5/24/96	Resale/All	903640
398	5/24/96	Resale/Agree	903738
399	5/24/96	Resale/Obtainable -Pending - Escalated	903755
400	6/18/96	Resale/Status - None	903817
401	5/24/96	Revised Routing Policy	903822
402	5/28/95	Letter from V. Atherton to R. Oakes	903823
403	5/28/96	Letter from S. Lavett to P. Nelson	903836
404	5/30/96	Letter from Pam to D. Hassebrock, et al.	903831
405	6/4/96	Fax from B. Warren to K. Tabor	903840
406	6/11/96	Letter from V. Atherton from R. Oakes	903844
407	6/11/96	Letter form V. Atherton from R. Oakes	903847
408	6/11/96	BellSouth Response to AT&T 1st Request, Item 1	903851
409	Undated	BellSouth Response to AT&T 1st Request, Item 1	904130
410	Undated	BellSouth Response to AT&T 1st Request, Item 1	904912
411	Undated	BellSouth Response to AT&T 1st Request, Item 1	905116
412	Undated	BellSouth Response to AT&T 1st Request, Item 1	905230
413	Undated	BellSouth Response to AT&T 1st Request, Item 1	905279
414	Undated	BellSouth Response to AT&T 1st Request, Item 1	905282
415	Undated	BellSouth Response to AT&T 1st Request, Item 1	905285
416	Undated	BellSouth Response to Florida Studies Provided In Response to PSC Order	905680

	417	6/14/96	Fax from K. Milner to P. Nelson	905956
	418	6/18/96	Resale/All	905971
	419	6/18/96	Resale/Obtainable-Pending-Escalated	906020
	420	6/18/96	Resale/Agree	906050
	421	6/19/96	Issue Data submitted by C. Weekley re. Response Letter	906072
	422	6/22/96	Letter from R. Barretto to C. Taber	906082
	423	6/30/96	Resale/All	906127
	424	7/1/96	Notes from D. Lee	906234
	425	Undated	Issue Data BellSouth Position	906306
	426	3/28/96	AT&T/BST Local Interconnection Negotiations	300034
	427	4/2/96	AT&T/BST Local Interconnection Negotiations	300273
	428	4/9/96	AT&T/BST Local Interconnection Negotiations	300313
	429	4/17/96	AT&T/BST Local Interconnection Negotiations	300327
	430	Undated	Timelines to Document Agreement	300345
	431	4/22/96	AT&T/BST Local Interconnection Negotiations	300363
	432	Undated	AT&T/BST Local Interconnection Negotiations	300368
	433	5/1/96	AT&T/BST Local Interconnection Negotiations	300371
	434	5/1/96	AT&T/BST Local Interconnection Negotiations	300372
	435	Undated	BellSouth Tennessee Resale Study	300450
XVII	436	5/30/96	Florida Cost Study	700000
XVI	437	Various	Executive Team Meeting Minutes	400000
XI	438	7/15/96	Letter from J. Carroll to S. Schaefer	400218
	439	7/16/96	Letter from J. Carroll to S. Schaefer	400220

Proprietary: Not for use or disclosure outside of AT&T or BellSouth

Weekly AT&T Inputs to Joint Negotiations Status Document

Item Number:	AT&T Status: (Agree, Obtainable, Pending, Escalated)
A. No changes to this section are to be made.	
B. Any clarifications of or changes to AT&T's requirement should be entered here.	
C. Only BellSouth can input to this section.	
D. Enter your update in this section as follows: AT&T/date/your initials: Narrative input.	
E. If the status is agree, this section should include the Agreement Statement. An Agreement Statement must be comprehensible when standing alone. In other words, a stranger reading an Agreement Statement should be able to understand it without having to reference any of the previous sections.	

292

Ordering & Provisioning Requirements
(Total Resale - Generic)

DRAFT

Requirement:

- 1) AT&T requires an electronic real-time interface to the Local Supplier for ordering and provisioning.
- 2) AT&T requires real-time response for:
 - ⇒ firm order confirmation
 - ⇒ availability of dates
 - ⇒ dispatch required or not
 - ⇒ feature/service availability
 - ⇒ completion with all service order and time and cost related fees
 - ⇒ rejections/errors on service order data element(s).
 - ⇒ jeopardies against the due date.
 - ⇒ missed appointments
 - ⇒ additional order charges (construction charges)
 - ⇒ order status
- 3) AT&T requires the ability to schedule installation appointments with the customer on-line and access to the Local Supplier's schedule availability (Residence). AT&T requires the same intervals and level of service currently being performed by the Local Supplier.
- 4) AT&T requires the ability to obtain telephone numbers on-line from the Local Supplier, and to assign these numbers with AT&T customer on-line. This includes vanity numbers. Reservation and aging of numbers remain the responsibility of the Local Supplier.
- 5) AT&T requires that AT&T's local customers be able to retain their existing Local Supplier provided telephone number without loss of feature capability.
- 6) AT&T requires notification of the local features and services that were provisioned, at the time of order completion, by the Local Supplier for all AT&T local customers. This applies to all types of service orders.
- 7) AT&T requires a list/description of all services and features available for resale.
- 8) AT&T requires the Local Supplier to provide where services and features are available, to street address detail, that includes type of Class 5 Switch by CLLI.
- 9) AT&T requires a definition of all features and the data elements required to provision such features.
- 10) AT&T requires information about the certification process for DA Exempt, Prison Services, and Lifeline, etc.
- 11) AT&T requires negotiated performance metrics with the Local Supplier to be reviewed quarterly or on an as needed basis.

AT&T PROPRIETARY (RESTRICTED)
Solely for persons having a need to know
Use pursuant to Company Instructions
CMG-v1.0

DRAFT

200002

**Ordering & Provisioning Requirements
(Total Resale - Generic)**

DRAFT

Requirement:

- 12) AT&T requires the Local Supplier to notify AT&T if a customer requests changes to service at the time of installation.
- 13) AT&T requires adequate test and turn-up procedures to support the services and features ordered by AT&T.
- 14) AT&T requires the Local Supplier to identify areas where Centrex is available, including type of Centrex, and a definition/explanation of ordering and provisioning requirements. (Business Only)
- 15) AT&T requires the Local Supplier to notify AT&T prior to disconnect of an AT&T service/feature/customer.
- 16) AT&T requires the Local Supplier to provide intercept and transfer of calls as tariffed.
- 17) AT&T requires expedite and escalation processes for ordering and provisioning.
- 18) AT&T requires a complete definition of the rules for directory assistance listing.
- 19) AT&T requires the Local Supplier to list AT&T in the front of the directory as a local service provider for that area with all appropriate information and telephone numbers.
- 20) AT&T requires from the Local Supplier the following for directory:
 - ⇒ access to current white and yellow pages listing
 - ⇒ rules for white and yellow pages listing and types of listings
 - ⇒ areas that are covered by the white and yellow pages
 - ⇒ directory update, order, re-order and delivery processes
- 21) AT&T requires the Local Supplier to describe the details and requirements on handling NPA-NXX splits with the understanding that they are controlled by the owner of the NPA-NXX.
- 22) AT&T requires system and work center interface agreements and a change control process.
- 23) AT&T requires a clearing house for CARE.
- 24) AT&T requires the Local Supplier to provide non-discriminatory training for all employees who handle AT&T local service customers.
- 25) AT&T requires the ability to suspend service at the AT&T local customer's request.
- 26) AT&T requires the ability to suspend customer service for non-payment per state regulatory requirements.

AT&T PROPRIETARY (RESTRICTED)
Solely for persons having a need to know
Use pursuant to Company Instructions
CMG-v1.0

DRAFT

200003

**Ordering & Provisioning Requirements
(Total Resale - Generic)**

DRAFT

Requirement:

- 27) AT&T requires the ability to block 800, 900, 976, 700 calls, etc. by line or trunk on an individual service basis.
- 28) AT&T requires the rules regarding ordering and provisioning for inter and intralata line PIC (2 Pic).
- 29) AT&T requires cooperative practices and processes for law enforcement and annoyance handling.
- 30) AT&T requires a process for the management of misdirected calls.
- 31) AT&T requires the Local Supplier to update, within the current interval, the 911 and E911 data base to handle resale customers.
- 32) AT&T requires the Local Supplier to provide engineering support on all resold special service lines, e.g., data, private line, foreign exchange, voice, etc.

AT&T PROPRIETARY (RESTRICTED)
Solely for persons having a need to know
Use pursuant to Company Instructions
CMG-v1.0

DRAFT

200004

**Maintenance Requirements
(Total Resale - Generic)**

DRAFT

Requirement:

- 1) AT&T requires a real-time electronic interface to perform the following functions.
 - ⇒ Trouble Entry
 - ⇒ Testing Abilities
 - ⇒ Status Updates
 - ⇒ Feature Verification and Correction
 - ⇒ Network Surveillance (Performance Monitoring)
- 2) Real Time acknowledgment to meet the AT&T scheduled appointment upon receipt of the ticket.
- 3) Statusing Requirements
 - ⇒ Immediate notification of changes, electronically.
 - ⇒ The ability to electronically retrieve current status.
 - ⇒ Immediate notification when a scheduled appointment is in jeopardy.
- 4) The Local Supplier will close all TOK, NTF, and CO troubles with AT&T. (Residence), dispatch out policy - TBD.
- 5) The Local Supplier will close all troubles with AT&T. AT&T will close with the end user. (Business)
- 6) AT&T requires immediate notification of a network event that impacts AT&T end users. The preferred method is the Local Supplier's process for performance monitoring.
- 7) AT&T requires prior notification, with the option to influence the decision (timeframe TBD), of any scheduled maintenance activity performed by the Local Supplier that will be service affecting to AT&T local customers.
- 8) AT&T requires the Local Supplier to have an established Disaster Recovery Plan.
- 9) AT&T requires the ability to test all facilities including the SLC.
- 10) AT&T requires the Local Supplier to automatically route any AT&T customers' misdirected calls to the existing local repair numbers (611, 800#s, or 7 digit #s) to the AT&T call receipt bureau.
- 11) The Local Supplier's outside technicians will clear to the network interface. AT&T Branded Tech's are required.
- 12) The Local Supplier is required to bill AT&T (not its' end user) for any applicable tariffed maintenance and service charges.
- 13) AT&T requires all maintenance charges, (time and material, by customer by event) be provided at ticket close out.

AT&T PROPRIETARY (RESTRICTED)
Solely for persons having a need to know
Use pursuant to Company Instructions
CMG-v1.0

DRAFT

200005

**Maintenance Requirements
(Total Resale - Generic)**

DRAFT

Requirement:

- 14) The Local Supplier will use an AT&T branded form that will be signed by the end user for maintenance and service charges that are incurred.
- 15) The Local Supplier will provide a warm transfer for any misdirected calls received from an AT&T customer.
- 16) AT&T requires an escalation & expedite process for maintenance.
- 17) AT&T requires negotiated performance metrics with the Local Supplier to be reviewed quarterly or on a as needed basis.
- 18) AT&T requires the criteria and process for handling outages on an agreed upon severity and priority list with the Local Supplier.
- 19) AT&T requires pro-active notification on the "auto detects" on network outages from the Local supplier.
- 20) AT&T requires pre-screening on any Local Supplier activities that would incur charges to AT&T. This includes validation by AT&T if a dispatch is required to the customer premises, and verification on actual work completed.

AT&T PROPRIETARY (RESTRICTED)
Solely for persons having a need to know
Use pursuant to Company Instructions
CMG-v1.0

200006

**Ordering & Provisioning Requirements
(Loop Unbundled - Generic)**

DRAFT

Requirement:

- 1) AT&T requires a real-time electronic bonding interface (EBI) to the Local Supplier for pre-service order information gathering.
 - ⇒ Real time number administration
 - ⇒ Due date availability/scheduling
 - ⇒ Identify feature and service availability by LSO.
 - ⇒ Validate street address detail

- 2) AT&T requires "real-time" response for:
 - ⇒ firm order confirmation
 - ⇒ dispatch required or not
 - ⇒ completion with all service order and time and cost related fees
 - ⇒ rejections/errors on service order data element(s).
 - ⇒ jeopardies against the due date.
 - ⇒ missed appointments
 - ⇒ additional order charges (construction charges)
 - ⇒ order status
 - ⇒ electronic notification of the local features and services that were provisioned, at the time of order completion, by the Local Supplier for all AT&T local customers. This applies to all types of service orders.

- 3) AT&T requires the "real time" ability to schedule installation appointments with the customer on-line and access to the Local Supplier's schedule availability AT&T requires the same intervals and level of service currently being performed by the Local Supplier.

- 4) AT&T requires that AT&T's local customers be able to retain their existing Local Supplier provided telephone number without loss of feature or ancillary services; such as, DA, 911/E911 capability. Both AT&T and the Local Supplier will work cooperatively on exceptions.

- 5) AT&T requires a definition of all unbundled services and the data elements required to provision such services.

- 6) AT&T requires information about the certification process for DA Exempt, Prison Services, and Lifeline, Special Needs, etc.

- 7) AT&T requires negotiated performance metrics with the Local Supplier to be reviewed quarterly or on an as needed basis.

- 8) AT&T requires the Local Supplier to notify AT&T if a customer requests changes to service at the time of installation; (e.g. add jacks, extension wiring). Specific scenarios and process to handle will be required.

- 9) AT&T requires adequate test and turn-up procedures to support all of the unbundled services ordered by AT&T.

AT&T PROPRIETARY (RESTRICTED)
Solely for persons having a need to know
Use pursuant to Company Instructions
CMG-v3.0

DRAFT
200007

DRAFT

**Ordering & Provisioning Requirements
(Loop Unbundled - Generic)**

Requirement:

- 10) AT&T requires the Local Supplier to notify AT&T prior to disconnect of any AT&T unbundled service.
- 11) AT&T requires the Local Supplier to provide an intercept message that includes the new AT&T number.
- 12) AT&T requires expedite and escalation processes for ordering and provisioning.
- 13) AT&T requires a complete definition of the rules for directory assistance listing.
(Loop requirement pending on DA-TBD)
- 14) AT&T requires the Local Supplier to list AT&T in the front of the directory as a local service provider for that area with all appropriate information and telephone numbers.
(Process needed upon policy decision-TBD)
- 15) AT&T requires from the Local Supplier the following for directory:
 - ⇒ access to current white and yellow pages listing
 - ⇒ rules for white and yellow pages listing and types of listings
 - ⇒ areas that are covered by the white and yellow pages
 - ⇒ directory update, order, re-order and delivery processes
(Process needed upon policy decision-TBD)
- 16) AT&T requires an operations system and work center interface agreements that includes a change control process.
- 17) AT&T requires the Local Supplier to provide non-discriminatory training for all employees who handle AT&T local service customers.
- 18) AT&T requires cooperative practices and processes for law enforcement and annoyance handling.
(Process needed upon policy decision-TBD)
- 19) AT&T requires a process for the management of misdirected calls.
- 20) AT&T requires the Local Supplier to update, within the current interval, the 911 and E911 data base to handle AT&T customers of unbundled services.
- 21) AT&T requires the Local Supplier to provide engineering support on all unbundled loops used for, data private line, foreign exchange, voice, etc. Local Supplier is expected to engineer to current standards.
- 22) AT&T requires a provisioning disaster recovery plan.
- 23) AT&T requires provisioning support 24x7.
- 24) AT&T requires a jointly developed process with the Local Supplier to conduct Busy Line Verification (BLV) and Busy Line Interrupt (BLI).

AT&T PROPRIETARY (RESTRICTED)
Solely for persons having a need to know
Use pursuant to Company Instructions
CMG-v3.0

DRAFT

200008

**Maintenance Requirements
(Loop Unbundled - Generic)**

DRAFT

Requirement: .

- 1) AT&T requires a real-time electronic bonding interface (EBI) to perform the following functions.
 - ⇒ Trouble Entry
 - ⇒ Access to Testing Abilities
 - ⇒ Status Updates
 - ⇒ Unbundled Services Verification and Correction
 - ⇒ Network Surveillance
 - ⇒ Network Reliability Monitoring
- 2) "Real Time acknowledgment" to meet the AT&T scheduled appointment upon receipt of the ticket for dispatch out and customer premises, when applicable.
- 3) Statusing Requirements
 - ⇒ Immediate notification of changes, electronically.
 - ⇒ The ability to electronically retrieve current status.
 - ⇒ Immediate notification when a scheduled appointment is in jeopardy.
- 4) The Local Supplier will close all troubles with AT&T. AT&T will close with the end user.
- 5) AT&T requires immediate notification of a potential AT&T customer affecting network event, potential service threat (i.e. Fire, Civic disturbance, etc.), or when any leased space network elements are functioning on emergency (backup) power. AT&T requires parity with the incumbent Local Supplier.
- 6) AT&T requires prior notification (obtain customer's release), with the option to influence (e.g. delay, postpone, re-schedule) the decision (timeframe TBD), of any "scheduled" maintenance activity performed by the Local Supplier that will be service affecting to AT&T local customers. AT&T requires parity with the incumbent Local supplier regarding knowledge of and prior notification of the engineering changes associated with the scheduled maintenance activities.
- 7) AT&T requires the Local Supplier to have an established Maintenance Disaster Recovery Plan.
- 8) AT&T requires the ability to test all facilities including the SLC.
- 9) AT&T requires the Local Supplier to provide a warm transfer or provide the AT&T 800# for any AT&T customers' misdirected calls.
- 10) The Local Supplier's outside technicians will clear to the network interface.
 - ⇒ AT&T Branded Tech's are required.
 - ⇒ AT&T requires a real time callback on any dispatch trouble.
 - ⇒ Callback to provide detailed disposition of repair.

AT&T PROPRIETARY (RESTRICTED)
Solely for persons having a need to know
Use pursuant to Company Instructions
CMG-v3.0

DRAFT

200003

**Maintenance Requirements
(Loop Unbundled- Generic)**

DRAFT

Requirement:

- 11) The Local Supplier is required to "bill" AT&T (not its' end user) for any applicable tariffed maintenance and service charges. (e.g. NTF)
- 12) AT&T requires all maintenance charges, (time and material, itemized by customer by event) be provided at "ticket close out"; such as, dispatch not needed, non-tariffed work, IW work, if applicable.
- 13) The Local Supplier will use an AT&T branded form that will be signed by the end user for maintenance and service charges that are incurred. (e.g. IW)
- 14) AT&T requires an escalation & expedite process for maintenance.
- 15) AT&T requires negotiated performance metrics with the Local Supplier to be reviewed quarterly or on a as needed basis.
- 16) AT&T requires the criteria and process for handling outages on a jointly agreed upon list of severity's and priorities with the Local Supplier.
- 17) AT&T requires pro-active notification on the "auto detects" on network outages on the unbundled loop from the Local supplier.
- 18) AT&T requires pre-screening on any Local Supplier activities that would incur charges to AT&T. This includes validation by AT&T if a dispatch is required to the customer premises, and verification on actual work completed. (e.g. testing to NIU, and IW)
- 19) AT&T requires AT&T branded "Not at Home Cards" to be left at customers premises when customer is not home for appointment. (Related to Requirement #13, and IW)

AT&T PROPRIETARY (RESTRICTED)
Solely for persons having a need to know
Use pursuant to Company Instructions
CMG-v3.0

DRAFT
200010

PART IV PRICING¹:**34. General Principles**

All services currently provided hereunder (including resold Local Services), Network Elements and Combinations and all new and additional services or Network Elements to be provided hereunder, shall be priced in accordance with all applicable provisions of the Act and the rules and orders of the Federal Communications Commission and any state public utility commission having jurisdiction over this Agreement.

34.1 Most Favored Customer

35. Pursuant to Section 5 of this Agreement, BellSouth will treat AT&T as a Most Favored Customer.

36. Price Schedules**36.1 Local Service Resale**

The rates that AT&T shall pay to BellSouth for Local Services resale shall be BellSouth's Retail Rates less the Total Applicable Discount. If BellSouth reduces its Retail Rates after AT&T executes this Agreement, the Total Applicable Discount shall be applied to the reduced Retail Rates.

36.1.1 Total Applicable Discount

The Total Applicable Discount is the sum of three separate discounts: (i) the Region-wide Base Line discount; (ii) the Operational Parity Discount; and (iii) the Volume Discount.

36.1.1.1 Region-Wide Base Line

¹ THIS PART IV CONTAINS AT&T PROPRIETARY AND COMMERCIALY SENSITIVE INFORMATION WHICH MAY BE DISCLOSED BY BELL SOUTH ONLY TO EMPLOYEES OR REPRESENTATIVES OF BELL SOUTH WITH A "NEED TO KNOW" PURSUANT TO THE BELL SOUTH/AT&T CONFIDENTIALITY AGREEMENT ENTERED INTO FOR PURPOSES OF NEGOTIATIONS UNDER THE TELECOMMUNICATIONS ACT OF 1996. DISCLOSURE TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF AT&T IS PROHIBITED.

200011

294

The Region-Wide Base Line discount equals twenty-five (25) percent and applies to any and all Telecommunication Services available for Resale as described in Part II of this agreement.

36.1.1.2 Operational Parity Discount

36.1.1.3 BellSouth shall provide the electronic interfaces required under this Agreement to enable AT&T to achieve operational parity with BellSouth by December 31, 1996. If the respective electronic interfaces are not fully operational by the dates specified in this Agreement then each of the specified elements of the Operational Parity discount shall become effective immediately at such specified dates and shall apply to all Telecommunication Services until the respective electronic interfaces are fully operational for ninety (90) consecutive days. BellSouth and AT&T shall agree on performance metrics that BellSouth must meet to be considered "fully operational."

<u>Interface Elements</u>	<u>Operational Parity Discount</u>
Pre-Service Ordering Interfaces	3%
Service Order Processing & Provisioning Interfaces	3%
Directory Listing and Line Information Database	3%
Service Trouble Reporting Interfaces	3%
Daily Local Usage Data	3%

36.1.1.3.1 Non-Recurring Charges for OUTPLOC

BellSouth will charge eight (8) dollars for each "switch as requested" until electronic interfaces are fully operational, at which time BellSouth will charge the same rate as it charges for PIC changes.

36.1.1.4 Volume Discount

AT&T agrees to purchase from BellSouth the number of lines (basic residence lines plus business lines) specified below between the **200012**

AT&T Proprietary

6/28/96

effective dates specified below and December 31, 1999. If AT&T meets its volume commitment levels before the specified effective dates, the discount rate corresponding to higher volume commitment level shall apply immediately to all Telecommunication Services.

<u>Effective Date</u>	<u>Lines (Millions)</u>	<u>Volume Discount</u>
4/1/97	.070	2.5%
7/1/97	.185	5.0%
10/1/97	.300	7.5%
1/1/98	.416	10.0%
4/1/98	.600	12.5%
7/1/98	.800	15.0%
10/1/98	1.000	17.5%
1/1/99	1.200	20.0%

BellSouth will not be required to make available for resale all of its Contract Service Arrangements, Special Arrangements, and Promotion after the applicable Volume Discount equals or exceeds fifteen (15) percent.

36.1.2 Physical Arrangements

BellSouth will make interconnection arrangements available at all tandem switching and end office switching locations.

At the discretion of AT&T, local interconnection may be accomplished via one-way local trunks, or two way local trunks, or AT&T may choose to deliver both Local Traffic and toll traffic over the same trunk group(s). With respect to the latter scenario, AT&T will have to provide an Percent Local Usage (PLU) to facilitate billing if it desires application of the local interconnection rate.

36.1.3 Compensation for the exchange of Local Traffic shall be accomplished initially on a "bill and keep" basis. After twelve months of performance under this Agreement, either BellSouth or AT&T may demand that compensation due both parties for the exchange of Local Traffic be set at an amount equal to the TSLRIC incurred by BellSouth to provide interconnection service on a per-minute-of-use basis. For the first twelve months of TSLRIC compensation, each party's payments will be limited to one hundred five (105) percent of the calculated reciprocal payment on a monthly billing basis. In no event shall TSLRIC exceed \$0.001 per-minute-of-use during the term of this Agreement.

36.1.4 AT&T shall pay BellSouth the TSLRIC associated with the tandem switching function where local calls originated by an AT&T customer traverses a BellSouth tandem switch to be completed to another ALEC. In no event shall

the TSLRIC exceed \$0.0003 per-minute-of-use during the term of the Agreement.

- 36.1.5 Compensation for the termination of toll traffic and the origination of 800 traffic between the interconnecting parties shall equal the applicable interexchange access charges.
- 36.1.6 Standard meet point billing arrangements shall apply when the completion of a toll call involves both BellSouth and AT&T facilities.
- 36.1.7 In the event a toll call is completed through an interim service provider's number portability arrangement (e.g., remote call forwarding, flexible DID, etc.) to a Customer of the new Carrier of Record, the new Carrier of Record is entitled to applicable end office terminating switched access charges (e.g., local switching, line termination, carrier common line, residential interconnection charge, etc.) The company forwarding the call will be considered to be adequately compensated through the charges it receives for porting the number.

36.2 Unbundled Network Elements/Ancillary Function

The charges that AT&T shall pay to BellSouth for Unbundled Network elements are set forth in Table 1.

36.3 Directory Listing

BellSouth will not charge AT&T or its customers for (i) basic white page listings for residential customers; (ii) basic yellow page and business white page listings (as available to BellSouth customers) for business customers; or (iii) distribution of white and yellow page directories. BellSouth shall offer for resale enhanced directory listings at Retail Rates, less the Total applicable Discount, and pursuant to the terms and conditions offered to BellSouth customers.

- 36.3.1 AT&T is responsible for providing BellSouth with accurate directory information in an established format and in a timely manner.

200014

**AT&T PRICE PROPOSAL TO BELL SOUTH
UNBUNDLED NETWORK ELEMENTS**

TABLE 1

Item	Type	Explanation	AT&T Price Proposal	
			Recurring	NRC
Network Interface Device	Twisted Pair	For 2 or 4-wire termination	None	All States \$2 00
	Smart-Jack	T1 Line	Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/or receipt of BellSouth cost data	
	Fiber		BellSouth agrees to provide at direct economic cost upon receipt of a bona fide request from AT&T	
	Coax		BellSouth agrees to provide at direct economic cost upon receipt of a bona fide request from AT&T	
	Distribution Media (Loop Distribution)	Various capabilities, incl. twisted pair, DS1, DS3, Optical SCNET OCn, Analog Radio Freq., Broadband		AT&T and BellSouth agree to work together to expeditiously resolve issues regarding the provision of this unbundled element, and to reach a resolution satisfactory to both parties
Loop Concentrator/Multiplexer	Virtual remote terminal @ DS0 and DS1 levels. DLC system offering		Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/or receipt of BellSouth cost data.	
Loop Feeder	Various options, including twisted pair, DS1, Fiber OCn		Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/or receipt of BellSouth cost data.	
Loop Combination	2W	POTS, Centrex, ISDN, PBX, PL, FX Digital Data, etc.	Al - \$13 30 Fla - \$11 10 Ga - \$11 35 Ky - \$12 90 La - \$12 30 Ms - \$13 10 N.C. - \$11 30 S.C. - \$11 35 Tn - \$13 45 No SLC billing by BellSouth to AT&T or its customers	Proposed price(s) will be provided following receipt of suitable BellSouth price proposal that recognizes various unbundled element ordering options.

This proposal is contingent upon reaching agreement with respect to Local Services Resale (LSR) and Interconnection.

200015

AT&T PRICE PROPOSAL TO BELLSOUTH
UNBUNDLED NETWORK ELEMENTS

TABLE 4

Item	Type	Explanation	AT&T Price Proposal	
			Recurring	NRC
Loop Combination Cont'd			Al - \$22 60 Fla- \$18 90 Ga- \$19 30 Ky- \$21 90 La- \$20 90 Ms- \$22 30 N C - \$19 20 S C - \$19 30 Tn- \$22 85 No SLC billing by BellSouth to AT&T or its customers	Proposed price(s) will be provided following receipt of suitable BellSouth price proposal that recognizes various unbundled element ordering options
	4W	POTS, Centrex, ISDN, PBX, PL, FX Digital Data, etc		
			All states \$23 50 per month	See comment under 4W NRC
	DS1	Terminated on DSX-1		
			Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data.	
	DS3	Fiber Optic cable		
			Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data.	
	Optical SONET OCn			
			Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data.	
	SONET ring, terminated in CO			
		Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data.		
SONET ring between customers				
		Dedicated local transport charges apply.		
IOC Mileage	LEC office to ALEC office			
		\$325 monthly per system plus \$.95 per circuit.	\$245 for first system and \$65.00 for each additional system, plus \$3.75 per circuit.	
Channelization	Converts up to 96 VG loops to DS1 level for connection with ALEC POI. Concentrated or non-concentrated @ option of customer			

200016

AT&T PRICE PROPOSAL TO BELLSOUTH
 UNBUNDLED NETWORK ELEMENTS

TABLE 1

Item	Type	Explanation	AT&T Price Proposal	
			Recurring	NRC
	Distance sensitive loop rates		To the extent BellSouth offers rates to retail customers reflecting distance sensitive loop charges it shall provide loops to AT&T at equivalent charges. This provision applies to both implicit and explicit deaveraged pricing	

200017

AT&T PRICE PROPOSAL TO BELLSOUTH
UNBUNDLED NETWORK ELEMENTS

TABLE 1

Item	Type	Explanation	AT&T Price Proposal		
			Recurring	NRC	
Loop Combination and Sub-Loop Elements	Loop cost variance by geographic area	Wire center, census group, etc	Proposed loop prices are composite state averages. BellSouth will perform cost studies to determine geographic cost differences and implement prices that reflect those differences.		
Local Switching	Features	Route operator and directory assistance traffic to customer's preferred carrier	None	None	
		Route local, intraLATA, interLATA, international, traffic to customer's preferred carrier	None	None	
		Translations to direct AIN queries to AT&T SS7 network, to receive responses, and to continue call handling in accordance with responses.	None	None	
	Line Interface	Residence Service. Standard tip & ring. Includes loop start, ground start, on-hook	Monthly: Al - \$1.80 Fla - \$1.70 Ga - \$1.70 Ky - \$2.05 La - \$1.70 Ms - \$1.80 N.C. - \$2.20 S.C. - \$1.80 Tn - \$1.85	Proposed price(s) will be provided following receipt of suitable BellSouth price proposal that recognizes various unbundled element ordering options.	
		Business Service. Standard tip & ring. Includes loopstart, groundstart, on-hook	Monthly: Al - \$1.80 Fla - \$1.70 Ga - \$1.70 Ky - \$2.05 La - \$1.70 Ms - \$1.80 N.C. - \$2.20 S.C. - \$1.80 Tn - \$1.85	Proposed price(s) will be provided following receipt of suitable BellSouth price proposal that recognizes various unbundled element ordering options.	
		Coin. Includes public, semi-pub. COCOT, and options	Monthly: Al - \$1.80 Fla - \$1.70 Ga - \$1.70 Ky - \$2.05 La - \$1.70 Ms - \$1.80 N.C. - \$2.20 S.C. - \$1.80 Tn - \$1.85	Proposed price(s) will be provided following receipt of suitable BellSouth price proposal that recognizes various unbundled element ordering options.	

200018

AT&T PRICE PROPOSAL TO BELLSOUTH
UNBUNDLED NETWORK ELEMENTS

TABLE 1

Item	Type	Explanation	AT&T Price Proposal	
			Recurring	NRC
Local Switching. Cont'd	Line Interface Cont'd	2W ISDN	All States \$7.00 per month	Proposed price(s) will be provided following receipt of suitable BellSouth price proposal that recognizes various unbundled element ordering options
		DS1 ISDN	All States \$130.00 per month per line interface	See Note for 2W ISDN
		TR 08- Dig Loop Cxr	Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data.	
		TR 303- Dig Loop Cxr	Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data.	
		2-Wire/ 4-Wire analog interface to PBX	Monthly: Al - \$1.80 Fla - \$1.70 Ga - \$1.70 Ky - \$2.05 La - \$1.70 Ms - \$1.80 N.C. - \$2.20 S.C. - \$1.80 Tn - \$1.85	Proposed price(s) will be provided following receipt of suitable BellSouth price proposal that recognizes various unbundled element ordering options.
		DS1 interface to PBX or CPE	All States: \$95.00 per month	See Note for 2W ISDN
		Switched Fractional DS1 with capabilities to configure Nx64 channels, n <25	Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data.	
		Direct in Dial	All States: \$7.00 per month per equipped line	None

200019

AT&T PRICE PROPOSAL TO BELLSOUTH
UNBUNDLED NETWORK ELEMENTS

TABLE 1

Item	Type	Explanation	AT&T Price Proposal	
			Recurring	NRC
Local Switching. Cont'd	Rotary		All States \$0.10 per month per equipped line	None
	End office switching functions, including intraoffice, interoffice, toll, access, and local	Originating and Terminating switching	All States: Originating, first minute \$0.0013 Originating, add'l minute \$0.0006 Terminating, per minute \$0.0000	None
	BellSouth proposed universal local call termination option. Includes local switching, common transport, signaling, and far end local switching to terminate local calls.	Originating and Terminating switching plus local trpt. Includes intraoffice. Also includes calling to expanded local and toll substitute plan areas.	All States: Originating, first minute \$0.0020 Originating, add'l minute \$0.0010 Terminating, per minute \$0.0000 Includes access traffic and calling to and from all points in expanded and toll substitute areas	None
	Features		None	All States: \$1.25 per feature activated after initial service installation.
	Residential Features		None	All States: \$1.25 per feature activated after initial service installation.
		CLASS features		

200020

AT&T PRICE PROPOSAL TO BELLSOUTH
UNBUNDLED NETWORK ELEMENTS

TABLE 1

Item	Type	Explanation	AT&T Price Proposal		
			Recurring	NRC	
Local Switching (Cont'd)	Features (Cont'd)		None	All States \$1.25 per feature activated after initial service installation	
		Business/ Centrex Features			
		AIN Features	None	All States \$1.25 per feature activated after initial service installation	
	Trunk Terminations		CAMA ANI	None	None
				None	None
			FGB	None	None
			FGD/ IEC Operator	None	None
			DS 3	None	None
			64 kbps clear channel	None	None
			Switched digital- 56 & 64 kb/s	None	None
		Loop/ Switch cross- connect	Connection of unbundled switch and colocated loop elements	Included in individual element rates.	
		Switch/ Trunk Cross- connect	Connection of unbundled switch and colocated transport elements	Included in individual element rates.	

200021

AT&T PRICE PROPOSAL TO BELLSOUTH
UNBUNDLED NETWORK ELEMENTS

TABLE 1

Item	Type	Explanation	AT&T Price Proposal	
			Recurring	NRC
Local Operator Services	0+ Calling Card	0+ calling card	\$0.37 per call	None
		automated calling card	\$0.070 per call	None
	Station	0- calling card	\$0.48 per call	None
		0- bill to third	\$0.53 per call	None
		0- collect	\$0.39 per call	None
		0- no attempt	\$0.22 per call	None
		0+ bill to third	\$0.34 per call	None
		Automated bill to third	\$0.070 per call	None
		0+ collect	\$0.32 per call	None
		automated collect	\$0.070 per call	None
		sent paid	\$0.35 per call	None
		Person	0- calling card	\$1.05 per call
	0- bill to third		\$1.22 per call	None
	0- collect		\$0.67 per call	None
	0+ calling card		\$0.86 per call	None
	0+ bill to third		\$0.98 per call	None
	0+ collect		\$0.49 per call	None
	Dialing instructions		Per call rate based on \$0.60 expense per work minute	None
	Route 0- to live operator		None	None
	Time & Charges		Per call rate based on \$0.60 expense per work minute	None

200022

AT&T PRICE PROPOSAL TO BELLSOUTH
UNBUNDLED NETWORK ELEMENTS

TABLE 1

Item	Type	Explanation	AT&T Price Proposal	
			Recurring	NRC
Local Operator Services (Cont'd)			Proposed price(s) will be provided following receipt and review of BellSouth cost data	
	Busy Line Verification		Proposed price(s) will be provided following receipt and review of BellSouth cost data	
	Emergency Interrupt		Proposed price(s) will be provided following receipt and review of BellSouth cost data	
	Emergency Call Trace		Proposed price(s) will be provided following receipt and review of BellSouth cost data	
	Operator Transport		No additional charge under combined switch/transport proposal. Charge from ALEC switch @ proposed rates, less credit of \$0.002 per call.	
Local Directory Assistance	Directory assistance		\$0.225 per call	None
	Directory Transport		No additional charge under combined switch/transport proposal. Charge from ALEC switch @ proposed rates, less credit of \$0.002 per call	
	DA Interconnection		None	
	DA Database Service		AT&T will respond to BellSouth proposal on or before July 3, 1996	
	Direct Access to DA		AT&T will respond to BellSouth proposal on or before July 3, 1996	
	DA Call Completion		AT&T will respond to BellSouth proposal on or before July 3, 1996	
	Call Completion Termination Charge		AT&T will respond to BellSouth proposal on or before July 3, 1996	
	Intercept		Proposed price(s) will be provided following receipt and review of BellSouth cost data	
Common Transport		An interoffice transmission path between LEC network elements. Includes multiplexing, grooming, cross-office wiring to DSX or LGX. Includes DS1, DS3, various SONET level term options, two way or one way option	\$0.000008 per mi., per local minute \$0.000324 fac. term., per local minute	None

AT&T PRICE PROPOSAL TO BELLSOUTH
UNBUNDLED NETWORK ELEMENTS

TABLE 4

Item	Type	Explanation	AT&T Price Proposal	
			Recurring	NRC
Dedicated Transport	Voice Grade	An interoffice transmission path between AT&T designated locations	2-Wire Loc Chan \$4.10 per mo. 4-Wire Local Chan \$22.00 per mo. IO Channel: \$0.0425 per mile \$21.00 per fac term Loc Chan not applicable when terminated in BellSouth office	2-W Loc Chan \$260.00 first \$75.00 Add'l 4-W Loc Chan \$264.00 First \$75.00 Add'l IOC \$75.00 First \$30.00 Add'l
	DS0	An interoffice transmission path between AT&T designated locations.	2-Wire Loc Chan: \$4.10 per mo. 4-Wire Local Chan: \$22.00 per mo. IO Channel: \$0.0425 per mile \$2.25 per fac term Loc Chan not applicable when terminated in BellSouth office	2-W Loc Chan: \$260.00 first \$75.00 Add'l 4-W Loc Chan: \$264.00 First \$75.00 Add'l IOC: \$75.00 First \$30.00 Add'l
	DS1	An interoffice transmission path between AT&T designated locations.	Local Channel: \$73.00 per mo. IO Channel: \$1.00 per mile \$45.00 per fac term. Loc Chan not applicable when terminated in BellSouth office	Local Chan: \$700.00 first \$300.00 Add'l IOC: \$285.00 Each
	DS3	An interoffice transmission path between AT&T designated locations.	Local Channel: \$1200.00 per mo. IO Channel: \$14.50 per mile \$400.00 per fac term. Loc Chan not applicable when terminated in BellSouth office	Local Channel: \$272.00 IOC: \$95.00 Each
	STS-1			Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data.

200024

AT&T PRICE PROPOSAL TO BELLSOUTH
UNBUNDLED NETWORK ELEMENTS

TABLE 1

Item	Type	Explanation	AT&T Price Proposal	
			Recurring	NRC
	Capacity on shared circuit	Includes multiplexing and grooming functionality, and redundant equip and facilities to support protection and restoration	Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data	
Dedicated Transport. Cont'd.	System dedicated to AT&T	Includes transmission equipment, facilities, and redundant equip and facilities to support protection and restoration	See SONET Rings	
		SONET line switched rings, OC48	Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data	
	SONET path switched rings, OC 3 OC 12	Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data		
Digital Cross Connect System (DCS)		Auto x-connect, grooming, pt to multi-pt, auto test, broadcast capabilities. Include x-conn to DSX or LGX. AT&T has real time access, real time configuration capabilities		
	DCS1/0	Per System	\$135.00 per month	\$200.00 first \$165.00 Add'l
	DCS3/1	28 DS1 Channel System	\$270.50 per month	\$188.00 first \$135.00 Add'l
		Per DS1	\$3.10 per month	\$105.00 first \$85.00 add'l
	DCS3/3		Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data.	
	STS-1 X-conn		Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data.	
Tandem Switching			\$.0002 per minute	None
Unbundled Element Features	Various	Features, functions, capabilities not specifically listed in this proposal	BellSouth will provide upon request at direct economic cost.	

200025

AT&T PRICE PROPOSAL TO BELLSOUTH
UNBUNDLED NETWORK ELEMENTS

TABLE 1

Item	Type	Explanation	AT&T Price Proposal	
			Recurring	NRC
Data Switching	Circuit Switched Data Switching	Data switching functionality required to switch between industry standard ISDN interfaces	Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data	
	ISDN Packet Switching	Data switching functionality required to switch between industry standard ISDN interfaces	Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data.	
	Frame Relay	Switching functionality required to connect facilities from the Frame Relay User to Network Interface (UNI) to either another UNI or a communications path at the Network to Network Interface (NNI)	Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data.	
	ATM	Switching functionality required to connect facilities from the ATM User to Network Interface (UNI) to either another UNI or a communications path at the Network to Network Interface (NNI)	Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data.	
STPs	ISUP Msg.		All States: \$0.000006 per msg.	None
	TCAP Msg.		All States: \$0.000018 per msg.	None
	Usage Surrogate	Where measurement not available	All States: \$71.00 per month per 56kbps facility	None
Signaling Link Transport	A or D link facility	56kbps	All States: \$4.35 per month	All States: \$325.00- first \$0.00- Add'l
	Signaling facility termination	56kbps	All States: \$105.00 per month	None
	Signaling facility termination	DS1	Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data.	

200026

AT&T PRICE PROPOSAL TO BELLSOUTH
UNBUNDLED NETWORK ELEMENTS

TABLE 7

Item	Type	Explanation	AT&T Price Proposal	
			Recurring	NRC
SCPs/ Data Bases	Line Info Database (LIDB)	Storage Agreement	AT&T will respond to BellSouth proposal on or before July 3, 1996	
		Use of ALEC LIDB data	AT&T will respond to BellSouth proposal on or before July 3, 1996	
		Validation	AT&T will respond to BellSouth proposal on or before July 3, 1996	
	Toll Free Number Portability Database	AT&T will respond to BellSouth proposal on or before July 3, 1996.		
	ALI/DMS Database	Contains information regarding routing of calls to public safety answering points	AT&T may access 911 Tandem using local transport facilities contained in this proposal.	
	SCE/SMS/ AIN Access	Ability to create service applications in the BST SCE and deploy those applications to the BST SCP	Proposed price(s) will be provided following receipt of BellSouth cost data.	
Ability to create service applications in the AT&T SCE and deploy those applications via the AT&T SCP to BST SSPs		Proposed price(s) will be provided following receipt of BellSouth cost data.		

200027

AT&T PRICE PROPOSAL TO BELLSOUTH
UNBUNDLED NETWORK ELEMENTS

TABLE 1

Item	Type	Explanation	AT&T Price Proposal	
			Recurring	NRC
Interim Number Portability			Proposed price(s) will be provided following receipt of BellSouth cost data	
	SPNP- Remote		Proposed price(s) will be provided following receipt of BellSouth cost data	
	SPNP-Directory Number-Route Index		Proposed price(s) will be provided following receipt of BellSouth cost data	
	SPNP-LERG Reassignment		Proposed price(s) will be provided following receipt of BellSouth cost data	
Directory Listings			See interconnection proposal. In addition, charges for additional and optional listings shall be subject to reductions for sales commissions paid AT&T	
CMDS- Hosting			AT&T will respond to BellSouth proposal on or before July 3, 1996.	
Non-Sent Paid Report System		Mechanized report system providing companies within BellSouth region info regarding Non-Sent Paid message and revenue distribution	AT&T will respond to BellSouth proposal on or before July 3, 1996.	
Poles, Ducts, Conduits and Rights of Way			Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data.	
Virtual Collocation			Proposed price(s) will be provided following receipt and review of BellSouth cost data.	
Physical Collocation			Proposed price(s) will be provided following receipt and review of BellSouth cost data.	
Lease of unused transmission media		Interoffice transmission media which has no lightwave or electronic transmission equipment terminated to operationalize its transmission capabilities.	Proposed price(s) will be provided following receipt and review of BellSouth price proposal and/ or receipt of BellSouth cost data.	

200028

AT&T PRICE PROPOSAL TO BELLSOUTH
UNBUNDLED NETWORK ELEMENTS

TABLE 1

Item	Type	Explanation	AT&T Price Proposal	
			Recurring	NRC
Local Calling Area Boundary Guide			BellSouth proposal to provide at no charge accepted	
Recorded Usage Data Charge			Proposed price(s) will be provided following receipt and review of BellSouth cost data.	Not Applicable

With hand down

will add Risk/ criteria/ Japan/ states

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
1	1.A.1	Provide AT&T with real time electronic means to transfer order information from AT&T to BellSouth and vice-versa.	136d	3/11/96	7/24/96	Welch & Higdon	0%	OBF Driven	EC	Pending	Escalated			
2	Interim Solution	Provide capability to FAX LSR; pursuing SmartFAX for 1Q96, also pursuing LAN solution.	52d	3/11/96	5/1/96		0%							
3	Interim Action Item		52d	3/11/96	5/1/96		0%							
4	Long Term Solution	OBF; Electronic Communications solution being evaluated by BellSouth.	136d	3/11/96	7/24/96		0%							
6	Long Term Action Item	Electronic Communications analysis	136d	3/11/96	7/24/96		0%							
8	1.A.2.a	BellSouth will provide AT&T with a real time response for Firm Order Confirmation (FOC)	136d	3/11/96	7/24/96	Higdon	0%	OBF Driven	EC	Pending	Escalated			
7	Interim Solution	BellSouth will return FOCs via daily FAX; This will be done periodically throughout the day, SmartFAX will enhance this process.	52d	3/11/96	5/1/96		0%							
8	Interim Action Item		52d	3/11/96	5/1/96		0%							
9	Long Term Solution	OBF; BellSouth is evaluating a Electronic Communications solution.	136d	3/11/96	7/24/96		0%							
10	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200030 295

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
11	1.A.2.b	BellSouth will provide AT&T with a real time response for information relative to service availability data(e.g. Interval Guide)	136d	3/11/96	7/24/96	Welch & Higdon	0%	EC		Pending	Escalated			
12	Interim Solution	BellSouth plan is to provide intervals comparable to those it provides its end users. BellSouth is still working through the details for different situations and is evaluating use of DSAP. VM need forecast and	52d	3/11/96	5/1/96		0%							
13	Interim Action Item		52d	3/11/96	5/1/96		0%							
14	Long Term Solution		136d	3/11/96	7/24/96		0%							
15	Long Term Action Item		136d	3/11/96	7/24/96		0%							
16	1.A.2.c	BellSouth will provide AT&T with a real time response for information relative to the need for a service dispatch for installation.	136d	3/11/96	7/24/96		0%	EC		Pending	Escalated			
17	Interim Solution	Access only required if additional lines being added; access not required for feature only work. Access always required for multi-line business or multi-line residence, and additional lines for MDU. For	52d	3/11/96	5/1/96		0%							
18	Interim Action Item		52d	3/11/96	5/1/96		0%							
19	Long Term Solution		136d	3/11/96	7/24/96		0%							
20	Long Term Action Item		136d	3/11/96	7/24/96		0%							

20003A

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
21	1.A.2.d	BellSouth will provide AT&T with a real time response for Feature and Service availability within any given area by LSO and Street Address.	136d	3/11/96	7/24/96		8%	EC		Agree	Agree			
22	Interim Solution	BellSouth will provide dial-up access to RSAG for NPA/NXX information and dial-up access to a PSIMS No. which will be updated weekly, for service and feature availability. Both will be available 4/15/96	19d	3/11/96	3/29/96		100%							
23	Interim Action Item		52d	3/11/96	5/1/96		0%							
24	Long Term Solution		136d	3/11/96	7/24/96		0%							
25	Long Term Action Item		136d	3/11/96	7/24/96		0%							
26	1.A.2.e	BellSouth will provide AT&T with a real time response for service completion with related information on time and materials charges (if any). Provide form for end user's signature when time and materials are required.	136d	3/11/96	7/24/96	Wilcox	8%			Pending	Escalated			
27	Interim Solution	On orders requiring dispatch, service technician will call for authorization prior to doing time & materials work and will call to report completion of work. BellSouth does not plan to call completions on orders that don't	52d	3/11/96	5/1/96		0%							
28	Interim Action Item		52d	3/11/96	5/1/96		0%							
29	Long Term Solution		136d	3/11/96	7/24/96		0%							
30	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200032

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
31	1.A.2.f	BellSouth will provide AT&T with a real time response for service order errors, jeopardies and missed appointments.	136d	3/11/96	7/24/96	Higdon	0%	EC		Pending	Escalated			
32	Interim Solution	LCSC will contact reseller if necessary on service order errors affecting due dates. For jeopardies or missed appointments, the WMC, installer or LCSC will contact the reseller as appropriate. These will be verbal	52d	3/11/96	5/1/96		0%							
33	Interim Action Item		52d	3/11/96	5/1/96		0%							
34	Long Term Solution		136d	3/11/96	7/24/96		0%							
35	Long Term Action Item		136d	3/11/96	7/24/96		0%							
36	1.A.2.g	BellSouth will notify AT&T of any charges associated with required construction for a given service.	136d	3/11/96	7/24/96		6%			Agree	Agree			
37	Interim Solution	We will notify when engineering tells us applicable. The LCSC will call the designated AT&T contact for the order.	36d	3/11/96	4/15/96		50%							
38	Interim Action Item		52d	3/11/96	5/1/96		0%							
39	Long Term Solution		136d	3/11/96	7/24/96		0%							
40	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200033

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
41	1.A.2.h	BellSouth will provide AT&T with a real time response for Order Status at critical intervals to be negotiated for complex and designed service.	136d	3/11/96	7/24/96		14%			Agree	Agree			
42	Interim Solution	BellSouth agree with clarified position. For designed or complex orders, LCSC will FAX a hard copy of the service order along with the FOC. The service order will contain the critical dates.	52d	3/11/96	5/1/96		100%							
43	Interim Action Item		52d	3/11/96	5/1/96		0%							
44	Long Term Solution		136d	3/11/96	7/24/96		0%							
45	Long Term Action Item		136d	3/11/96	7/24/96		0%							
46	1.A.3	Provide AT&T with the ability to schedule installations with the customer on line and access BellSouth's schedule availability to determine time of appointment.	136d	3/11/96	7/24/96	Welch	3%			Pending	Obtainable			
47	Interim Solution	BellSouth LCSC escalation procedures are in resale handbook.	36d	3/11/96	4/15/96		25%							
48	Interim Action Item		52d	3/11/96	5/1/96		0%							
49	Long Term Solution		136d	3/11/96	7/24/96		0%							
50	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200034

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
61	1.A.4	Provide the same intervals and level of service currently being performed by BellSouth.	136d	3/11/96	7/24/96		3%			Pending	Obtainable			
62	Interim Solution	BellSouth's objective is to provide resellers with the same quality service it provides its end users.	52d	3/11/96	5/1/96		25%							
63	Interim Action Item		52d	3/11/96	5/1/96		0%							
64	Long Term Solution		136d	3/11/96	7/24/96		0%							
65	Long Term Action Item		136d	3/11/96	7/24/96		0%							
66	1.A.5	Provide AT&T with the ability to assign new telephone numbers with the customer on line, this applies to vanity numbers as well.	136d	3/11/96	7/24/96	Welch	3%	EC		Pending	Obtainable			
67	Interim Solution	BellSouth will provide due date guidelines. Reserved numbers and 3 way call will be the procedure.	36d	3/11/96	4/15/96		25%							
68	Interim Action Item		52d	3/11/96	5/1/96		0%							
69	Long Term Solution	BellSouth is evaluating providing access to ATLAS.	136d	3/11/96	7/24/96		0%							
68	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200035

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
61	1.A.6	BellSouth will allow existing customers to retain their phone number in the event they change carriers with no loss of feature functionality.	136d	3/11/96	7/24/96	Welch & Lavett	3%			Pending	Obtainable			
62	Interim Solution	Agree on tariffed features and services, as long as same location or same serving wire center. See specific service restrictions in OLEC handbook.	36d	3/11/96	4/15/96		25%							
63	Interim Action Item		52d	3/11/96	5/1/96		0%							
64	Long Term Solution		136d	3/11/96	7/24/96		0%							
65	Long Term Action Item		136d	3/11/96	7/24/96		0%							
66	1.A.7	Provide AT&T the ability to determine what features and functions an existing customer currently receives, with the customer consent.	136d	3/11/96	7/24/96	Welch	3%			Pending	Obtainable			
67	Interim Solution	Upon receipt of an individual signed letter of agency, BellSouth will supply the customer record in advance of the service order issuance.	52d	3/11/96	5/1/96		25%							
68	Interim Action Item		52d	3/11/96	5/1/96		0%							
69	Long Term Solution		136d	3/11/96	7/24/96		0%							
70	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200036

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
71	1.A.8	AT&T requires BellSouth to provide where services and features are available, to street address detail, that includes type of Class 5 Switch by CLLI.	136d	3/11/96	7/24/96		14%			Deleted	Deleted			
72	Interim Solution	See 1.A.2.4	52d	3/11/96	5/1/96		100%							
73	Interim Action Item		52d	3/11/96	5/1/96		0%							
74	Long Term Solution		136d	3/11/96	7/24/96		0%							
75	Long Term Action Item		136d	3/11/96	7/24/96		0%							
76	1.A.9	Provide a complete definition of all services, features, and functions available and any ancillary data required by BellSouth from the Customer to provision these services.	136d	3/11/96	7/24/96	Welch	3%			Pending	Obtainable			
77	Interim Solution	BellSouth will provide details on the information needed from AT&T via the OLEC handbook and the AT&T account team.	52d	3/11/96	5/1/96		25%							
78	Interim Action Item		52d	3/11/96	5/1/96		0%							
79	Long Term Solution		136d	3/11/96	7/24/96		0%							
80	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200037

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
81	1.A.10.a	Provide information about the certification process for the provisioning of DA Exempt and Prison Services. (Lifetime moved to 1.A.10.b)	136d	3/11/96	7/24/96		3%	Exemption		Pending	Pending			
82	Interim Solution	BellSouth agree and requests proposal for certification process.	52d	3/11/96	5/1/96		25%							
83	Interim Action Item		52d	3/11/96	5/1/96		0%							
84	Long Term Solution		136d	3/11/96	7/24/96		0%							
85	Long Term Action Item		136d	3/11/96	7/24/96		0%							
86	1.A.10.b	Provide information about the certification process for the provisioning of Lifetime Services.	136d	3/11/96	7/24/96	Scheye	0%	Pricing		Pending	Escalated			
87	Interim Solution	Lifetime services are tied to USF and is not available for resale.	52d	3/11/96	5/1/96		0%							
88	Interim Action Item		52d	3/11/96	5/1/96		0%							
89	Long Term Solution		136d	3/11/96	7/24/96		0%							
90	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200038

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
91	1.A.25	AT&T would like a process established whereby misdirected business office calls can be routed correctly, e.g. reciprocal agreement for on-line transfer to Business Office, Repair, etc.	136d	3/11/96	7/24/96		6%			Conditional	Agree			
92	Interim Solution	BellSouth plans to advise caller to contact their local service provider; misdirected calls will not be used as a marketing opportunity. Telephone number of other provider will be given to caller upon request (if number	36d	3/11/96	4/15/96		50%							
93	Interim Action Item		52d	3/11/96	5/1/96		0%							
94	Long Term Solution		136d	3/11/96	7/24/96		0%							
95	Long Term Action Item		136d	3/11/96	7/24/96		0%							
96	1.B.1.e	BellSouth will provide AT&T with a "Real Time" electronic interface to perform the following functions related to the Maintenance process: Provide a means for notifying AT&T of switch failures.	136d	3/11/96	7/24/96		6%			Pending	Escalated			
97	Interim Solution	BellSouth will continue to accept trouble reports in the normal manner, and will advise the customer of circumstances at the time of the trouble report.	36d	3/11/96	4/15/96		0%							
98	Interim Action Item		52d	3/11/96	5/1/96		0%							
99	Long Term Solution		136d	3/11/96	7/24/96		0%							
100	Long Term Action Item		136d	3/11/96	7/24/96		0%							

20000331

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March			
												3/10	3/17	3/24	
101	1.B.1.f	BellSouth will provide AT&T with a "Real Time" electronic interface to perform the following functions related to the Maintenance process: Provide dispatch status as well as location and ETA.	136d	3/11/96	7/24/96	Hydon	0%		EC		Pending	Escalated			
102	Interim Solution	Prior to establishing an electronic interface BellSouth will advise as follows: After initial testing repair attendant will advise AT&T of need for dispatch and give commitment. Technician on all dispatches out will	52d	3/11/96	5/1/96		0%								
103	Interim Action Item		52d	3/11/96	5/1/96		0%								
104	Long Term Solution		136d	3/11/96	7/24/96		0%								
105	Long Term Action Item		136d	3/11/96	7/24/96		0%								
106	1.B.1.g	BellSouth will provide AT&T with a "Real Time" electronic interface to perform the following functions related to the Maintenance process: Testing	136d	3/11/96	7/24/96		0%		EC		Pending	Escalated			
107	Interim Solution	BellSouth will perform all appropriate testing.	52d	3/11/96	5/1/96		0%								
108	Interim Action Item		52d	3/11/96	5/1/96		0%								
109	Long Term Solution		136d	3/11/96	7/24/96		0%								
110	Long Term Action Item		136d	3/11/96	7/24/96		0%								

200002

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
111	1.B.2	Provide AT&T the real time ability to verify and acknowledge any scheduled appointment upon receipt of the Trouble Ticket.	136d	3/11/96	7/24/96		0%	EC		Pending	Escalated			
112	Interim Solution	For software only problems, BellSouth can give a standard interval, but dispatches will vary. Electronic interface eventually could provide interval information.	52d	3/11/96	5/1/96		0%							
113	Interim Action Item		52d	3/11/96	5/1/96		0%							
114	Long Term Solution		136d	3/11/96	7/24/96		0%							
115	Long Term Action Item		136d	3/11/96	7/24/96		0%							
116	1.B.3.a	BellSouth will meet the following status requirements on AT&T services: immediate notification of any changes in trouble status, electronically.	136d	3/11/96	7/24/96		3%	EC		Pending	Pending			
117	Interim Solution	The BellSouth technician will call with status if necessary.	52d	3/11/96	5/1/96		25%							
118	Interim Action Item		52d	3/11/96	5/1/96		0%							
119	Long Term Solution		136d	3/11/96	7/24/96		0%							
120	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200041

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
121	1.B.3.b	BellSouth will meet the following status requirements on AT&T services: The ability to retrieve the current status of any open trouble report.	136d	3/11/96	7/24/96	Raulerson	3%	EC		Pending	Pending			
122	Interim Solution	BellSouth anticipates that AT&T will call the repair center.	52d	3/11/96	5/1/96		25%							
123	Interim Action Item		52d	3/11/96	5/1/96		0%							
124	Long Term Solution		136d	3/11/96	7/24/96		0%							
125	Long Term Action Item		136d	3/11/96	7/24/96		0%							
126	1.B.3.c	BellSouth will meet the following status requirements on AT&T services: Immediate notification when any scheduled appointment is in jeopardy.	136d	3/11/96	7/24/96		14%			Agree	Agree			
127	Interim Solution	BellSouth's objective is to provide resellers with the same quality service it provides its end users. BellSouth will call AT&T if scheduled appointments are in jeopardy.	52d	3/11/96	5/1/96		100%							
128	Interim Action Item		52d	3/11/96	5/1/96		0%							
129	Long Term Solution		136d	3/11/96	7/24/96		0%							
130	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200042

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
131	1.B.4	BellSouth will close all TOK (Test OK), NTF (No Trouble Found), and QC (Case Clear) trouble reports with AT&T Work Centers.	136d	3/11/96	7/24/96		7%	EC		Pending	Pending			
132	Interim Solution	BellSouth's objective is to provide resellers with the same quality service it provides its end users.	52d	3/11/96	5/1/96		50%							
133	Interim Action Item		52d	3/11/96	5/1/96		0%							
134	Long Term Solution		136d	3/11/96	7/24/96		0%							
135	Long Term Action Item		136d	3/11/96	7/24/96		0%							
136	1.B.5	BellSouth will close the trouble by contacting the AT&T work center, AT&T in turn will be responsible for contacting the end user Customer.	136d	3/11/96	7/24/96	Raulerson	0%	EC		Pending	Obtainable			
137	Interim Solution	BellSouth plans to close all dispatch troubles with AT&T and does not need further contact from AT&T unless further trouble. BellSouth will follow front-end close out procedures. Standard expedite procedures	52d	3/11/96	5/1/96		0%							
138	Interim Action Item		52d	3/11/96	5/1/96		0%							
139	Long Term Solution		136d	3/11/96	7/24/96		0%							
140	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200007

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March			
												3/10	3/17	3/24	
141	1.B.8.b	AT&T would like to negotiate a workable Disaster Recovery plan with BellSouth and agree to perform quarterly tests of the process. For BellSouth Network Components.	136d	3/11/96	7/24/96	Raulerson	0%					Obtainable			
142	Interim Solution		52d	3/11/96	5/1/96		0%								
143	Interim Action Item		52d	3/11/96	5/1/96		0%								
144	Long Term Solution		136d	3/11/96	7/24/96		0%								
145	Long Term Action Item		136d	3/11/96	7/24/96		0%								
146	1.B.9	BellSouth will provide the AT&T work center with "real time" test results on any AT&T end-user service.	136d	3/11/96	7/24/96	Raulerson	0%	EC		Agree	Escalated				
147	Interim Solution	Will handle same as BST end user. AT&T could call repair center directly as BST customer centers do today when they are called directly by the customer. This could be solution until electronic bonding established.	52d	3/11/96	5/1/96		0%								
148	Interim Action Item		52d	3/11/96	5/1/96		0%								
149	Long Term Solution		136d	3/11/96	7/24/96		0%								
150	Long Term Action Item		136d	3/11/96	7/24/96		0%								

200041

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
161	1.B.10	BellSouth agree to route repair service calls to the correct service provider (AT&T), with same dialing parity as BellSouth.	136d	3/11/96	7/24/96		0%	rect Routing		Pending	Escalated			
162	Interim Solution	BellSouth will refer misdirected calls to AT&T, and will provide the telephone number upon request. Not feasible to route 811 traffic to AT&T - would require duplicate classes of service for each OLEC (separate	52d	3/11/96	5/1/96		0%							
163	Interim Action Item		52d	3/11/96	5/1/96		0%							
164	Long Term Solution		136d	3/11/96	7/24/96		0%							
165	Long Term Action Item		136d	3/11/96	7/24/96		0%							
166	2.A.1.1	No loss of features or functionality in any of the following areas: All CLASS and Custom Calling features and function (e.g., caller ID)	136d	3/11/96	7/24/96		14%			Agree	Agree			
167	Interim Solution	Agree	52d	3/11/96	5/1/96		100%							
168	Interim Action Item		52d	3/11/96	5/1/96		0%							
169	Long Term Solution		136d	3/11/96	7/24/96		0%							
169	Long Term Action Item		136d	3/11/96	7/24/96		0%							

000002

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/19	3/17	3/24
161	2.A.1.m	No loss of features or functionality in any of the following areas: Centrex.	136d	3/11/96	7/24/96		14%			Conditionall	Agree			
162	Interim Solution	Agree for ESSXO or MultiServO subject to tariff availability and service restrictions in OLEC handbook.	52d	3/11/96	5/1/96		100%							
163	Interim Action Item		52d	3/11/96	5/1/96		0%							
164	Long Term Solution		136d	3/11/96	7/24/96		0%							
165	Long Term Action Item		136d	3/11/96	7/24/96		0%							
166	2.A.1.n	No loss of features or functionality in any of the following areas: Flat and Measured Service.	136d	3/11/96	7/24/96	Levett	3%			Pending	Pending			
167	Interim Solution	Subject to legislative and or commission rules. Also see service restrictions in OLEC handbook.	36d	3/11/96	4/15/96		25%							
168	Interim Action Item		52d	3/11/96	5/1/96		0%							
169	Long Term Solution		136d	3/11/96	7/24/96		0%							
170	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200046

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
171	2.A.1.o	No loss of features or functionality in any of the following areas: International Calling.	136d	3/11/96	7/24/96		14%			Agree	Agree			
172	Interim Solution	Agree	52d	3/11/96	5/1/96		100%							
173	Interim Action Item		52d	3/11/96	5/1/96		0%							
174	Long Term Solution		136d	3/11/96	7/24/96		0%							
176	Long Term Action Item		136d	3/11/96	7/24/96		0%							
176	2.A.1.r.1	Provide the following feature capabilities allowing for Memory Call services: SMDI - Station Message Desk Interface.	136d	3/11/96	7/24/96		14%			Agree	Agree			
177	Interim Solution	Agree, Where available	52d	3/11/96	5/1/96		100%							
178	Interim Action Item		52d	3/11/96	5/1/96		0%							
179	Long Term Solution		136d	3/11/96	7/24/96		0%							
180	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200047

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
181	2.A.1.r.2	Provide the following feature capabilities allowing for Memory Call services: MRM - Message Waiting Indicator.	136d	3/11/96	7/24/96		14%			Agree	Agree			
182	Interim Solution	Agree, Where available	52d	3/11/96	5/1/96		100%							
183	Interim Action Item		52d	3/11/96	5/1/96		0%							
184	Long Term Solution		136d	3/11/96	7/24/96		0%							
185	Long Term Action Item		136d	3/11/96	7/24/96		0%							
186	2.A.1.r.3	Provide the following feature capabilities allowing for Memory Call services: CF-BDA - Call Forward on Busy / Don't Answer.	136d	3/11/96	7/24/96		14%			Agree	Agree			
187	Interim Solution	Agree, Where available	52d	3/11/96	5/1/96		100%							
188	Interim Action Item		52d	3/11/96	5/1/96		0%							
	Long Term Solution		136d	3/11/96	7/24/96		0%							
	Long Term Action Item		136d	3/11/96	7/24/96		0%							

00000000

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
181	2.A.1.s	Trunk Local connectivity to PBXs and Direct Inward Dialed Services.	136d	3/11/96	7/24/96		14%			Conditionall	Agree			
182	Interim Solution	Agree, Where available	52d	3/11/96	5/1/96		100%							
183	Interim Action Item		52d	3/11/96	5/1/96		0%							
184	Long Term Solution		136d	3/11/96	7/24/96		0%							
185	Long Term Action Item		136d	3/11/96	7/24/96		0%							
186	2.C.1.a	Provide 2 customers or numbers and or addresses per call.	136d	3/11/96	7/24/96		14%			Agree	Agree			
187	Interim Solution	Will give same service specified in BST's end user tariffs	52d	3/11/96	5/1/96		100%							
188	Interim Action Item		52d	3/11/96	5/1/96		0%							
189	Long Term Solution		136d	3/11/96	7/24/96		0%							
189	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200002

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
201	2.C.1.b	Provide name and address to end users, upon request except for unlisted numbers.	136d	3/11/96	7/24/96	Simerson	7%			Agree	Agree			
202	Interim Solution	Agree to AL, MS, LA, KY, where provided by BellSouth.	52d	3/11/96	5/1/96		50%							
203	Interim Action Item		52d	3/11/96	5/1/96		0%							
204	Long Term Solution		136d	3/11/96	7/24/96		0%							
205	Long Term Action Item		136d	3/11/96	7/24/96		0%							
206	2.C.1.c.1	Provide call completion to the requested number when requested: Local	136d	3/11/96	7/24/96	Simerson	14%			Agree	Agree			
207	Interim Solution	Agree, where available.	52d	3/11/96	5/1/96		100%							
208	Interim Action Item		52d	3/11/96	5/1/96		0%							
209	Long Term Solution		136d	3/11/96	7/24/96		0%							
210	Long Term Action Item		136d	3/11/96	7/24/96		0%							

2000-03-01

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
211	2.C.1.d	Provide a service that carries the AT&T brand or no brand if branding is not technically possible.	136d	3/11/96	7/24/96	Simerson	0%			Pending	Escalated			
212	Interim Solution	BellSouth will not brand except for DACC; it cannot differentiate the end users of various local service providers (resellers).	52d	3/11/96	5/1/96		0%							
213	Interim Action Item		52d	3/11/96	5/1/96		0%							
214	Long Term Solution		136d	3/11/96	7/24/96		0%							
216	Long Term Action Item		136d	3/11/96	7/24/96		0%							
218	2.C.1.h.4	Provide intercept service for customers moving service: Repeat recording twice.	136d	3/11/96	7/24/96		14%			Agree	Agree			
217	Interim Solution	BellSouth's objective is to provide resellers with the same quality service it provides its end users.	52d	3/11/96	5/1/96		100%							
218	Interim Action Item		52d	3/11/96	5/1/96		0%							
219	Long Term Solution		136d	3/11/96	7/24/96		0%							
220	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200051

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
221	2.C.2.a	Exemptions: Provide the ability to waive charges for handicapped customers.	136d	3/11/96	7/24/96		14%	Exemptions		Agree	Agree			
222	Interim Solution	See 1.A.10.a	52d	3/11/96	5/1/96		100%							
223	Interim Action Item		52d	3/11/96	5/1/96		0%							
224	Long Term Solution		136d	3/11/96	7/24/96		0%							
225	Long Term Action Item		136d	3/11/96	7/24/96		0%							
226	2.C.2.b	Exemptions: Provide a process to verify and document a customer's exempt status.	136d	3/11/96	7/24/96		14%	Exemptions		Agree	Agree			
227	Interim Solution	See 1.A.10.a	52d	3/11/96	5/1/96		100%							
228	Interim Action Item		52d	3/11/96	5/1/96		0%							
229	Long Term Solution		136d	3/11/96	7/24/96		0%							
230	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200052

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
231	2.C.3.a	Provide AT&T with access to Directory Assistance data so that AT&T can self provision its own Directory Assistance service.	136d	3/11/96	7/24/96		3%			Pending	Pending			
232	Interim Solution	DADS service available - Refer to Barbara Watson	52d	3/11/96	5/1/96		25%							
233	Interim Action Item		52d	3/11/96	5/1/96		0%							
234	Long Term Solution		136d	3/11/96	7/24/96		0%							
235	Long Term Action Item		136d	3/11/96	7/24/96		0%							
236	2.C.3.b	Provide the capability to route AT&T customers 411 calls to AT&T.	136d	3/11/96	7/24/96		0%	rect Routing		Pending	Escalated			
237	Interim Solution	BellSouth plans to route 411 calls by resellers' and users to BellSouth's DA. See also I.B.10.	52d	3/11/96	5/1/96		0%							
238	Interim Action Item		52d	3/11/96	5/1/96		0%							
239	Long Term Solution		136d	3/11/96	7/24/96		0%							
240	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200053

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
241	2.D.1.a	White pages requirements: Listings at no cost to AT&T (1st number free).	136d	3/11/96	7/24/96		14%			Agree	Agree			
242	Interim Solution	Agree	52d	3/11/96	5/1/96		100%							
243	Interim Action Item		52d	3/11/96	5/1/96		0%							
244	Long Term Solution		136d	3/11/96	7/24/96		0%							
245	Long Term Action Item		136d	3/11/96	7/24/96		0%							
246	2.D.1.b	Directory requirements: Annual distribution of White Pages/Yellow Pages directories to AT&T customers coincident with receipt of White Pages/Yellow Pages by BellSouth customer.	136d	3/11/96	7/24/96		7%			Agree	Agree			
247	Interim Solution	Agree	52d	3/11/96	5/1/96		50%							
248	Interim Action Item		52d	3/11/96	5/1/96		0%							
249	Long Term Solution		136d	3/11/96	7/24/96		0%							
250	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200054

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
251	2.D.1.c	White pages requirements: List of AT&T services and information (price, features, availability) similar to BellSouth.	136d	3/11/96	7/24/96		14%			Agree	Agree			
252	Interim Solution	BellSouth plans to list resellers' customer service and repair numbers in the flight pages of its directories. Any additional information to be included in the front pages of its directories will be negotiated through its publishing	52d	3/11/96	5/1/96		100%							
253	Interim Action Item		52d	3/11/96	5/1/96		0%							
254	Long Term Solution		136d	3/11/96	7/24/96		0%							
255	Long Term Action Item		136d	3/11/96	7/24/96		0%							
256	2.D.1.d	White pages requirements: Provide wholesale prices to AT&T which reflect BellSouth's avoided costs.	136d	3/11/96	7/24/96		0%	BAPCO	Pricing	Pending	Escalated			
257	Interim Solution	Refer to Bob Scheye and BAPCO	52d	3/11/96	5/1/96		0%							
258	Interim Action Item		52d	3/11/96	5/1/96		0%							
259	Long Term Solution		136d	3/11/96	7/24/96		0%							
260	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200055

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
261	2.D.1.e	White pages requirements: Unlisted / unpublished discount	136d	3/11/96	7/24/96		0%	Pricing		Pending	Escalated			
262	Interim Solution	Refer to Bob Scheye	52d	3/11/96	5/1/96		0%							
263	Interim Action Item		52d	3/11/96	5/1/96		0%							
264	Long Term Solution		136d	3/11/96	7/24/96		0%							
265	Long Term Action Item		136d	3/11/96	7/24/96		0%							
266	2.D.1.f	White pages requirements: Provide a discount for multiple listings.	136d	3/11/96	7/24/96		0%	Pricing		Pending	Escalated			
267	Interim Solution	Refer to Bob Scheye	52d	3/11/96	5/1/96		0%							
268	Interim Action Item		52d	3/11/96	5/1/96		0%							
269	Long Term Solution		136d	3/11/96	7/24/96		0%							
270	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200056

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
271	2.D.1.g	White pages requirements: Recycle AT&T's Customers BellSouth directories and books.	136d	3/11/96	7/24/96		7%			Conditional	Agree			
272	Interim Solution	Agree, to the extent of using the same process as for BellSouths end users.	52d	3/11/96	5/1/96		50%							
273	Interim Action Item		52d	3/11/96	5/1/96		0%							
274	Long Term Solution		136d	3/11/96	7/24/96		0%							
275	Long Term Action Item		136d	3/11/96	7/24/96		0%							
276	2.D.1.h	White pages requirements: AT&T's End User listing will be excluded from List Sales.	136d	3/11/96	7/24/96		0%	BAPCO			Pending			
277	Interim Solution	BellSouth needs further clarification.	52d	3/11/96	5/1/96		0%							
278	Interim Action Item		52d	3/11/96	5/1/96		0%							
279	Long Term Solution		136d	3/11/96	7/24/96		0%							
280	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200057

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
281	2.D.2.a	Yellow pages requirements: Provide a "real time" knowledge of deadlines.	136d	3/11/96	7/24/96	Calhoun	3%	BAPCO		Agree	Agree			
282	Interim Solution	Refer to BAPCO	52d	3/11/96	5/1/96		25%							
283	Interim Action Item		52d	3/11/96	5/1/96		0%							
284	Long Term Solution		136d	3/11/96	7/24/96		0%							
285	Long Term Action Item		136d	3/11/96	7/24/96		0%							
286	2.D.2.b	Yellow pages requirements: Distribution of directory to AT&T customer's coincident with receipt of Yellow Pages by BellSouth customer.	136d	3/11/96	7/24/96		14%			Agree	Agree			
287	Interim Solution	Agree	52d	3/11/96	5/1/96		100%							
288	Interim Action Item		52d	3/11/96	5/1/96		0%							
289	Long Term Solution		136d	3/11/96	7/24/96		0%							
290	Long Term Action Item		136d	3/11/96	7/24/96		0%							

2000-03-28

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
281	2.D.2.c	Yellow pages requirements: Provide wholesale prices to AT&T which reflect BellSouth's avoided costs.	136d	3/11/96	7/24/96		0%	BAPCO	Pricing	Pending	Escalated			
282	Interim Solution	Refer to BAPCO and Bob Scheye	52d	3/11/96	5/1/96		0%							
283	Interim Action Item		52d	3/11/96	5/1/96		0%							
284	Long Term Solution		136d	3/11/96	7/24/96		0%							
285	Long Term Action Item		136d	3/11/96	7/24/96		0%							
286	2.D.2.d	Yellow pages requirements: Provide a commission on advertisements from AT&T	136d	3/11/96	7/24/96		0%	BAPCO			Pending			
287	Interim Solution	Refer to BAPCO	52d	3/11/96	5/1/96		0%							
288	Interim Action Item		52d	3/11/96	5/1/96		0%							
289	Long Term Solution		136d	3/11/96	7/24/96		0%							
300	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200059

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
301	2.D.3.a	Exemptions: Provide the ability to waive charges for handicapped customers.	136d	3/11/96	7/24/96		14%	Exemption		Agree	Agree			
302	Interim Solution	See 1.A.10.a	52d	3/11/96	5/1/96		100%							
303	Interim Action Item		52d	3/11/96	5/1/96		0%							
304	Long Term Solution		136d	3/11/96	7/24/96		0%							
305	Long Term Action Item		136d	3/11/96	7/24/96		0%							
306	2.D.3.b	Exemptions: Provide a process to verify and document a customer's exempt status.	136d	3/11/96	7/24/96		14%	Exemption		Agree	Agree			
307	Interim Solution	See 1.A.10.a	52d	3/11/96	5/1/96		100%							
308	Interim Action Item		52d	3/11/96	5/1/96		0%							
309	Long Term Solution		136d	3/11/96	7/24/96		0%							
310	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200060

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
311	2.D.4	AT&T requires BellSouth to list AT&T in the front of the directory as a local service provider for the area with all appropriate information and telephone numbers.	136d	3/11/96	7/24/96		14%	BAPCO		Agree	Agree			
312	Interim Solution	BST will arrange for listings on a generic page. Requests for other pages should be referred to BAPCO.	52d	3/11/96	5/1/96		100%							
313	Interim Action Item		52d	3/11/96	5/1/96		0%							
314	Long Term Solution		136d	3/11/96	7/24/96		0%							
315	Long Term Action Item		136d	3/11/96	7/24/96		0%							
316	2.E.1	Provide to AT&T Operator Services accessible by "9+" and "9-" dialing.	136d	3/11/96	7/24/96		3%	rect Routing		Pending	Pending			
317	Interim Solution	BellSouth plans to route resellers and users to its operators for IntraLATA calls. (see 1.B.10)	52d	3/11/96	5/1/96		25%							
318	Interim Action Item		52d	3/11/96	5/1/96		0%							
319	Long Term Solution		136d	3/11/96	7/24/96		0%							
320	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200061

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
321	2.E.2	Provide to AT&T a full range of Operator Service functions identical to those which BellSouth provides to its customers.	136d	3/11/96	7/24/96		14%			Pending	Pending			
322	Interim Solution	Agree	52d	3/11/96	5/1/96		100%							
323	Interim Action Item		52d	3/11/96	5/1/96		0%							
324	Long Term Solution		136d	3/11/96	7/24/96		0%							
325	Long Term Action Item		136d	3/11/96	7/24/96		0%							
326	2.E.3	Provide the Operator Services "branded" as AT&T complete with the "AT&T sparkle tone bong".	136d	3/11/96	7/24/96		0%	Branding		Pending	Escalated			
327	Interim Solution	AT&T resale customers cannot be identified by the BellSouth operators.	52d	3/11/96	5/1/96		0%							
328	Interim Action Item		52d	3/11/96	5/1/96		0%							
329	Long Term Solution		136d	3/11/96	7/24/96		0%							
330	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200062

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
331	2.E.4.a	AT&T will provide to BellSouth performance metric's for the provision of this service which will include: Number of rings to answer.	136d	3/11/96	7/24/96		3%	Metrics		Pending	Pending			
332	Interim Solution	BST will adhere to its internal standards for the provision of operator services.	52d	3/11/96	5/1/96		25%							
333	Interim Action Item		52d	3/11/96	5/1/96		0%							
334	Long Term Solution		136d	3/11/96	7/24/96		0%							
336	Long Term Action Item		136d	3/11/96	7/24/96		0%							
336	2.E.4.b	AT&T will provide to BellSouth performance metric's for the provision of this service which will include: Average work time.	136d	3/11/96	7/24/96		3%	Metrics		Pending	Pending			
337	Interim Solution	BST will adhere to its internal standards for the provision of operator services.	52d	3/11/96	5/1/96		25%							
338	Interim Action Item		52d	3/11/96	5/1/96		0%							
338	Long Term Solution		136d	3/11/96	7/24/96		0%							
340	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200063

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
341	2.E.4.c	AT&T will provide to BellSouth performance metric's for the provision of this service which will include: Disaster Recovery (work stoppage, technical failure, natural disaster, weather).	136d	3/11/96	7/24/96		3%	Metrics		Pending	Pending			
342	Interim Solution	BST will adhere to its internal standards for the provision of operator services.	52d	3/11/96	5/1/96		25%							
343	Interim Action Item		52d	3/11/96	5/1/96		0%							
344	Long Term Solution		136d	3/11/96	7/24/96		0%							
345	Long Term Action Item		136d	3/11/96	7/24/96		0%							
346	2.E.5.a	Provide the following capabilities including but not limited to: Calling Card Service (entry, verification, and blocking).	136d	3/11/96	7/24/96		3%			Pending	Pending			
347	Interim Solution	BellSouth will provide capability for the reseller's customer to use the reseller's calling card. Verification will be subject to a LIDB storage contract.	52d	3/11/96	5/1/96		25%							
348	Interim Action Item		52d	3/11/96	5/1/96		0%							
349	Long Term Solution		136d	3/11/96	7/24/96		0%							
350	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200064

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
361	2.E.5.b	Provide the following capabilities including but not limited to: instant credit on calls.	136d	3/11/96	7/24/96		3%			Pending	Pending			
362	Interim Solution	BellSouth's objective is to provide resellers with the same quality service it provides its end users.	52d	3/11/96	5/1/96		25%							
363	Interim Action Item		52d	3/11/96	5/1/96		0%							
364	Long Term Solution		136d	3/11/96	7/24/96		0%							
365	Long Term Action Item		136d	3/11/96	7/24/96		0%							
366	2.E.5.k	Provide the following capabilities including but not limited to: Third party billing.	136d	3/11/96	7/24/96	Rozler	3%			Pending	Pending			
367	Interim Solution	Same as our customers if we can validate billing (with a LIQB contract)	52d	3/11/96	5/1/96		25%							
368	Interim Action Item		52d	3/11/96	5/1/96		0%							
369	Long Term Solution		136d	3/11/96	7/24/96		0%							
370	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200065

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
361	2.E.5.I	Provide the following capabilities including but not limited to: Collect: Person to Person / Station to Station calls.	136d	3/11/96	7/24/96		3%			Pending	Pending			
362	Interim Solution	Same as our customers if we can validate billing (Collect with a LDB contract)	52d	3/11/96	5/1/96		25%							
363	Interim Action Item		52d	3/11/96	5/1/96		0%							
364	Long Term Solution		136d	3/11/96	7/24/96		0%							
366	Long Term Action Item		136d	3/11/96	7/24/96		0%							
366	2.E.6	Route calls to operator services from resold lines to AT&T	136d	3/11/96	7/24/96		0%	rect Routing		Pending	Escalated			
367	Interim Solution	Resellers customer will reach BellSouth operators. See 1.B.10.	52d	3/11/96	5/1/96		0%							
368	Interim Action Item		52d	3/11/96	5/1/96		0%							
369	Long Term Solution		136d	3/11/96	7/24/96		0%							
370	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200066

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
371	2.F.1	Provide the capabilities required for Lifeline services exactly as BellSouth provides to their customers on a going forward basis, this includes a billing plan, access to the subsidy pool, etc.	136d	3/11/96	7/24/96		0%	Pricing		Pending	Escalated			
372	Interim Solution	See 1.A.10.b Lifeline not available for resale, tied to USF issues.	52d	3/11/96	5/1/96		0%							
373	Interim Action Item		52d	3/11/96	5/1/96		0%							
374	Long Term Solution		136d	3/11/96	7/24/96		0%							
375	Long Term Action Item		136d	3/11/96	7/24/96		0%							
376	2.G.1	Provide a service quality guarantee to AT&T which will be accomplished by offering a credit when BellSouth does not meet the service quality requirements as specified by AT&T.	136d	3/11/96	7/24/96		0%	Metrics		Pending	Pending			
377	Interim Solution	BellSouth does not believe this is appropriate for resellers.	52d	3/11/96	5/1/96		0%							
378	Interim Action Item		52d	3/11/96	5/1/96		0%							
379	Long Term Solution		136d	3/11/96	7/24/96		0%							
380	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200067

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
381	2.G.2.a	This service guarantee is applicable but not limited to: Call Satisfaction Credit.	136d	3/11/96	7/24/96		0%	Metrics		Pending	Pending			
382	Interim Solution		52d	3/11/96	5/1/96		0%							
383	Interim Action Item		52d	3/11/96	5/1/96		0%							
384	Long Term Solution		136d	3/11/96	7/24/96		0%							
385	Long Term Action Item		136d	3/11/96	7/24/96		0%							
386	2.G.2.b	This service guarantee is applicable but not limited to: Service Interruption Guarantee.	136d	3/11/96	7/24/96		0%	Metrics		Pending	Pending			
387	Interim Solution		52d	3/11/96	5/1/96		0%							
388	Interim Action Item		52d	3/11/96	5/1/96		0%							
389	Long Term Solution		136d	3/11/96	7/24/96		0%							
390	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200065

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
301	2.G.2.c	This service guarantee is applicable but not limited to: Installation / Repair Satisfaction Credit.	136d	3/11/96	7/24/96		0%	Metrics		Pending	Pending			
302	Interim Solution		52d	3/11/96	5/1/96		0%							
303	Interim Action Item		52d	3/11/96	5/1/96		0%							
304	Long Term Solution		136d	3/11/96	7/24/96		0%							
305	Long Term Action Item		136d	3/11/96	7/24/96		0%							
306	2.G.2.d	This service guarantee is applicable but not limited to: Service Order Satisfaction Credit.	136d	3/11/96	7/24/96		0%	Metrics		Pending	Pending			
307	Interim Solution		52d	3/11/96	5/1/96		0%							
308	Interim Action Item		52d	3/11/96	5/1/96		0%							
309	Long Term Solution		136d	3/11/96	7/24/96		0%							
400	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200063

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
401	2.1.1	Provide Inside Wire service maintained by BellSouth and branded as AT&T.	136d	3/11/96	7/24/96		14%			Agree	Agree			
402	Interim Solution	Inside wire service is available for resale. Technicians will advise customers that they are at customer's premises on behalf of AT&T.	52d	3/11/96	5/1/96		100%							
403	Interim Action Item		52d	3/11/96	5/1/96		0%							
404	Long Term Solution		136d	3/11/96	7/24/96		0%							
405	Long Term Action Item		136d	3/11/96	7/24/96		0%							
406	2.1.2	Establish a mutually beneficial arrangement to resell Inside Wire provisioning and maintenance.	136d	3/11/96	7/24/96		0%	Pricing		Pending	Escalated			
407	Interim Solution	Refer price issue to Bob Schey.	52d	3/11/96	5/1/96		0%							
408	Interim Action Item		52d	3/11/96	5/1/96		0%							
409	Long Term Solution		136d	3/11/96	7/24/96		0%							
410	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200070

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
411	2.1.3	Transfer the Inside Wire maintenance contract to AT&T for its' Local customers.	136d	3/11/96	7/24/96	Calhoun	14%			Agree	Agree			
412	Interim Solution	BellSouth will make ISW maintenance plans available for resale. However grandfathered plans will not be transferred; customers will be switched to current plan upon changing to resold service.	52d	3/11/96	5/1/96		100%							
413	Interim Action Item		52d	3/11/96	5/1/96		0%							
414	Long Term Solution		136d	3/11/96	7/24/96		0%							
415	Long Term Action Item		136d	3/11/96	7/24/96		0%							
416	2.K.1	BellSouth will provide the ability to procure Payphone services at a wholesale price that is commercially viable.	136d	3/11/96	7/24/96		0%	Pricing		Pending	Escalated			
417	Interim Solution	Refer to Bob Scheye	52d	3/11/96	5/1/96		0%							
418	Interim Action Item		52d	3/11/96	5/1/96		0%							
419	Long Term Solution		136d	3/11/96	7/24/96		0%							
420	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200071

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
421	3.A.1	BellSouth will participate in a Local/Resale bill Certification Process as defined by the SABR document (Section 6) to ensure quality and financial assurance controls throughout AT&T and BellSouth's processes. Billing accuracy is the sole	136d	3/11/96	7/24/96		0%	CRS/CABS		Pending	Pending			
422	Interim Solution	If AT&T submits a CRS - oriented certification proposal, BellSouth will reevaluate it.	52d	3/11/96	5/1/96		0%							
423	Interim Action Item		52d	3/11/96	5/1/96		0%							
424	Long Term Solution		136d	3/11/96	7/24/96		0%							
425	Long Term Action Item		136d	3/11/96	7/24/96		0%							
426	3.A.2	BellSouth will work with AT&T to facilitate accurate and timely billing as defined by the SABR document (Section 3).	136d	3/11/96	7/24/96		0%			Pending	Pending			
427	Interim Solution	SABR not applicable for non-access services. However, BellSouth is committed to accurate and timely billing.	52d	3/11/96	5/1/96		0%							
428	Interim Action Item		52d	3/11/96	5/1/96		0%							
429	Long Term Solution		136d	3/11/96	7/24/96		0%							
430	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200072

AT&T Local Interconnection

ID	Item	Requirements/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
431	3.A.3	BellSouth will provide a mechanized bill as defined by the SABR document (Section 4.5.8.6) and utilized the electronic data transmission Connect: Direct.	136d	3/11/96	7/24/96		3%	CRIS/CABS		Pending	Pending			
432	Interim Solution	BellSouth will make CLUB summary bills available via EDI. (AT&T currently receives administrative bills via EDI)	52d	3/11/96	5/1/96		25%							
433	Interim Action Item		52d	3/11/96	5/1/96		0%							
434	Long Term Solution		136d	3/11/96	7/24/96		0%							
435	Long Term Action Item		136d	3/11/96	7/24/96		0%							
436	3.A.4	BellSouth and AT&T will agree to an annual Supplier Quality Certification Review to be conducted by AT&T.	136d	3/11/96	7/24/96		3%	Metrics		Pending	Pending			
437	Interim Solution	It would be premature to agree at this time until the process itself is settled.	52d	3/11/96	5/1/96		25%							
438	Interim Action Item		52d	3/11/96	5/1/96		0%							
439	Long Term Solution		136d	3/11/96	7/24/96		0%							
440	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200073

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
441	3.A.5.a	The existing CABS Billing Output Specifications (BO6) documents provide guidelines for how to render a bill. Additional information that is required to be uniquely identified when rendering Local/Resale charges per the SABR document	136d	3/11/96	7/24/96		3%			Pending	Pending			
442	Interim Solution	BellSouth needs clarification of this request. If referring to end user - Initiated PIC change charges, BellSouth will not take requests from the end user	52d	3/11/96	5/1/96		25%							
443	Interim Action Item		52d	3/11/96	5/1/96		0%							
444	Long Term Solution		136d	3/11/96	7/24/96		0%							
445	Long Term Action Item		136d	3/11/96	7/24/96		0%							
446	3.A.5.b	The existing CABS Billing Output Specifications (BO6) documents provide guidelines for how to render a bill. Additional information that is required to be uniquely identified when rendering Local/Resale charges per the SABR document	136d	3/11/96	7/24/96		3%			Obtainable	Obtainable			
447	Interim Solution	BellSouth plans to provide a CLUB summary bill from CRIS.	52d	3/11/96	5/1/96		25%							
448	Interim Action Item		52d	3/11/96	5/1/96		0%							
449	Long Term Solution		136d	3/11/96	7/24/96		0%							
450	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200074

AT&T Local Interconnection

ID	Item	Requirement/Activity	Duration	Start	Finish	Champion(s)	%	Class 1	Class 2	BST Status	AT&T Status	March		
												3/10	3/17	3/24
461	3.A.5.c	The existing CABS Billing Output Specifications (BOS) documents provide guidelines for how to render a bill. Additional information that is required to be uniquely identified when rendering Local/Resale charges per the SABR document	136d	3/11/96	7/24/96		3%	CRS/CABS		Obtainable	Obtainable			
462	Interim Solution	All charges and features will be identified at the individual end user account level and will be itemized on the CLUB summary bill from CRS.	52d	3/11/96	5/1/96		25%							
463	Interim Action Item		52d	3/11/96	5/1/96		0%							
464	Long Term Solution		136d	3/11/96	7/24/96		0%							
466	Long Term Action Item		136d	3/11/96	7/24/96		0%							

200075

ID

AT&T Resale Expectation

BellSouth Resale Plan

Network Operations		
1.A	Service Ordering and Provisioning Procedures	
1.A.1	Provide AT&T with real time electronic means to transfer order information from AT&T to BellSouth and vice-versa.	Interim: Provide capability to FAX LSR; pursuing <u>PC to PC SmartFAX for 1Q96.</u> Long Term: BellSouth is evaluating electronic bonding solution for time & cost; resolution <u>will require forecasts of volume and timing from AT&T.</u>
1.A.2	BellSouth will provide AT&T with a real time response for the following items:	
1.A.2.a	Firm Order Confirmation (FOC)	Interim: BellSouth will return FOCs via daily FAX; This will be done <u>periodically</u> throughout the day, SmartFAX will enhance this process. Long Term: See 1.A.1.
1.A.2.b	Information relative to service availability dates	BellSouth plan is to provide intervals comparable to those it provides its end users. BellSouth is still working through the details for different situations. <u>Will need forecast and projections on volume.</u> <i>Reseller - interval guide will be provided</i>

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

296
200076

ID

AT&T Resale Expectation

BellSouth Resale Plan

<p>1.A.2.c</p>	<p>Information relative to the need for a service dispatch for installation.</p>	<p>Access only required if additional lines being added; access not required for feature only work. Access always required for multi-line business, and additional lines for MDU. For <u>residences</u>, the end user needs to provide clear access (no dogs, locked gates, etc.) to <u>network interface</u>. <u>The firm order confirmation will indicate if access is necessary.</u></p>
<p>1.A.2.d</p>	<p>Feature and Service availability within any given area by LSO</p> <p>② <u>SAG</u></p>	<p>BellSouth is pursuing the possibility of providing dial up access to PSIMS.</p> <p><i>Product to Son for next mtg Sept</i></p> <p><i>This is a pending rpt - Dist EB? - under study/ review</i></p>
<p>1.A.2.e</p>	<p>Service completion with related information on time and materials charges (if any)</p> <p><i>need</i></p> <p><i>also conf flow thru</i></p>	<p>On orders requiring dispatch, service technician will call for authorization. prior to doing time & materials work and will call to report completion of work.</p> <p><i>AT&T</i></p> <p><i>1 - call AT&T 2 - do 3 - recall end user sign for</i></p>
<p>1.A.2.f</p>	<p>Service errors, jeopardies and missed appointments</p> <p><i>rebuild for need</i></p>	<p>LCSC will contact reseller on service errors if necessary on service order errors effecting due dates. For jeopardies or missed appointment, the WMC, installer or LCSC will contact the reseller as appropriate.</p> <p><i>we desire paper trail (maybe)</i></p>
<p>1.A.2.g</p>	<p>Any charges associated with required construction for a given service</p>	<p>We will notify when engineering tells us applicable.</p> <p><i>oh</i></p>

RSAG

PS

*AT&T
auth
instr*

mail to AT&T

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

200077

ID

AT&T Resale Expectation

BellSouth Resale Plan

1.A.2.h	Order Status at critical intervals to be negotiated <i>by contract or deep</i> <i>denial.</i>	BellSouth needs clarification of this request. <i>not POTs</i> <i>you > complex</i> <i>what are other</i> <i>resort into</i> <i>EA</i> <i>WAT</i> <i>PPT</i>
1.A.3	Provide AT&T with the ability to schedule installations with the customer on line and access BellSouth's schedule availability to determine time of appointment. <i>it enters the price</i> <i>want to be able to negotiate</i> <i>execute</i>	BellSouth needs clarification of this request., Please distinguish between 1.A.2.b and 1.A.2.c
1.A.4	Provide the same intervals and level of service currently being performed by BellSouth. <i>same expi for</i> <i>end user</i> <i>on line</i>	BellSouth's objective is to provide resellers with the same quality service it provides its end users. <i>oh but</i>
1.A.5	Provide AT&T the ability to assign new telephone numbers with the customer on line, this applies to vanity numbers as well.	? don't know how great tech & open - <i>Relly</i>
1.A.6	BellSouth will allow existing Customers to retain their phone number in the event they change carriers with no loss of feature functionality. <i>ISW</i> <i>TLN C</i>	Agree, as long as same location and not denied / disconnected for NP. See specific service restrictions in OLEC handbook. <i>delinquent?</i> <i>denial in paper number</i> <i>bad debt file</i>

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

200073

on w/ FOC will do

ID

AT&T Resale Expectation

BellSouth Resale Plan

<p>1.A.7</p>	<p>Provide AT&T the ability to determine what features and functions a given Customer currently receives.</p> <p><i>? Blanket agency - we keep with</i></p>	<p>Upon receipt of sign letter of agency, BellSouth will supply customer record. *</p> <p><i>BS will discuss industry forum - OBF either from that level</i></p>
<p>1.A.8</p>	<p>AT&T requires BellSouth to provide where service and features are available, to street address detail, that includes type of Class 5 Switch by CLLI.</p>	<p>BellSouth needs clarification of this request., and differentiate from 1.A.2.d</p> <p><i>SAG</i></p>
<p>1.A.9</p>	<p>Provide a complete definition of all services, features, and functions available and any ancillary data required by BellSouth from the Customer to provision these services.</p>	<p>BellSouth needs clarification of this request.</p> <p><i>① guidelines - ment need</i></p> <p><i>2 record layout level</i></p>
<p>1.A.10</p>	<p>Provide information about the certification process for the provisioning of DA Exempt, Prison Services, Lifeline service, etc.</p>	<p>AT&T is BellSouth's customer of record; any special arrangements are between them and their customers.</p> <p><i>how does AT&T pass their sury not be charge for these GC - not available for resale</i></p>
<p>1.A.11</p>	<p>AT&T will provide BellSouth performance metrics which BellSouth is expected to meet.</p>	<p>BellSouth is still addressing this issue.</p>

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information
Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

200079

ID

AT&T Resale Expectation

BellSouth Resale Plan

1.A.12	AT&T requests that BellSouth notify AT&T of any changes made in the service at the time of installation that differ from the original Service Order as given to BellSouth by AT&T.	We won't deviate from the service order without AT&T's approval. <i>ah report all line software</i>
1.A.13	AT&T and BellSouth will negotiate adequate test and turn up processes and procedures required to support the Services ordered by AT&T for it's Customers.	BellSouth needs clarification of this request. <i>POTS easy - MLT, etc (COMPLEX → criteria etc lab) } ISDN → we don't know what's down today on the local side</i>
1.A.14	AT&T requests that BellSouth identify those areas where Centrex Service is available, including type of Centrex, and that BellSouth provide the required information for the Ordering and Provisioning of Centrex Services in those areas.	BellSouth is still addressing this issue. <i>Multiserve is new name. we need info to understand the product → a document/guide line</i>
1.A.15	AT&T requires that BellSouth notify AT&T prior to Service termination, (Disconnect), or the termination of any service, feature or function by an AT&T Customer. (Note: since AT&T is BellSouth's customer of record the end-user CANNOT order a disconnect of AT&T service.)	BellSouth will notify AT&T that a change has occurred if the end user switched to another local service provider. (LOA Process) BellSouth will not take any order for partial disconnect or any other service change of the resold account from the end user. <u>See also annoyance call issues.</u> <i>repair</i>
1.A.16	AT&T requires that BellSouth provide intercept and transfer service as tariffed.	Agree

*brand
slam
need full
priority
minutes*

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

200080

ID

AT&T Resale Expectation

BellSouth Resale Plan

<p>I.A.17</p>	<p>AT&T will negotiate with BellSouth a mutually agreeable <u>escalation</u> and expedite process for Service Ordering and Provisioning.</p> <p><i>do we want more?</i> <i>Bill H - <u>required</u> <u>few examples</u></i></p>	<p>BellSouth objectives is to provide resellers with the same quality of service it provides to its end user.</p> <p><i>agreement with LSC work etc x work to agreements</i></p>
<p>I.A.18</p>	<p>AT&T requires BellSouth to describe the details and requirements on handling NPA/NXX splits with the understanding that they are controlled by the owner of the NPA/NXX.</p> <p><i>Bill - <u>own criteria</u></i> <i>? NXX split - <u>area transfer</u></i></p>	<p>BellSouth needs clarification of this request., How is this applicable to resale?</p> <p><i>BS - will provide info to reseller ASAP</i></p>
<p>I.A.19</p>	<p>AT&T requires that BellSouth provide <u>interface agreements between Work Centers regarding systems and establishing a change control process.</u></p>	<p>BellSouth needs clarification of this request.</p> <p><i><u>relates to 17</u></i></p>
<p>I.A.20</p>	<p>AT&T requires that BellSouth provide non-discriminatory training for those technicians assigned to handle AT&T Local Service Customers</p>	<p><u>Agree, but specific technicians will not be assigned; they'll all be trained.</u></p>
<p>I.A.21</p>	<p>Provide AT&T the ability to suspend an AT&T Local customers service upon request.</p>	<p>Agree. This will be accomplished via the service request form. There also is potential for Right Touch process to be adapted for their use.</p> <p><i>pin # will be provided to us</i> <i>→ flow</i></p>

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

200081

*cut
Simp*

ID

AT&T Resale Expectation

BellSouth Resale Plan

I.A.22	Provide AT&T the ability to suspend service to a given AT&T end-user for non-payment of a bill in accordance with the PUC regulations.	Agree. This will be accomplished via the service request form. <i>oh</i>
I.A.23	Provide blocking of 700,800,888,900, and 976, etc., services upon request from AT&T on a line, trunk or individual service basis. <i>and all state & int'l</i>	Code restrictions sets in tariffs A13 <i>need to review jointly for [unclear]</i>
I.A.24	AT&T and BellSouth agree to work cooperatively in practices and procedures regarding Law Enforcement and service annoyance handling. <i>our end user as source of [unclear] by us ASAC</i>	BellSouth proposes its annoyance call bureau be authorized to deal directly with AT&T's end user annoyance calls. <i>* sub team of security [unclear]</i>
I.A.25	AT&T would like a process established whereby misdirected calls can be routed correctly. <i>Bill [unclear]</i> <i>Base Office Request [unclear]</i> <i>recip agreement to on</i>	BellSouth plans to advise caller to contact their local service provider. <i>line x fer to DO/wc, etc</i>
I.A.26	AT&T needs to negotiate for the handling of 911 and E911 updates to BellSouths databases for its Total Resale Customer base.	Not necessary for resale. <i>will pay for [unclear]</i>

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

200082

ID**AT&T Resale Expectation****BellSouth Resale Plan**

1.A.27	AT&T would like BellSouth to provide engineering support for all Special Services which are covered under a Total Resale offer, e.g. Data Services, Voice Grade private lines, intermediate bit rate services, Primary Rate ISDN services, Broadband services and Packet services, etc.	BellSouth objective is to provide the same level of service it provides to end users. <i>yes</i>
1.B	Network Operations <i>Maintenance Procedures</i>	
1.B.1	BellSouth will provide AT&T with a "Real Time" electronic interface to perform the following functions related to the Maintenance process:	<i>CTR / EB ?</i> <i>under consideration</i>
1.B.1.a	Trouble Ticket entry and update capabilities <i>? for detail</i>	Interim: BellSouth will provide contact numbers for the appropriate end users centers, see reseller handbook Long Term: BellSouth is evaluating electronic bonding solution for time & cost; resolution will require forecasts of volume and timing from AT&T.
1.B.1.b	Review and verify test results <i>if AT&T can do own tests</i>	BellSouth needs clarification of this request.

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

200083

ID

AT&T Resale Expectation

BellSouth Resale Plan

1.B.1.c	Provide status updates on current "Open" Trouble Tickets	Appropriate BellSouth maintenance personnel will call AT&T if necessary. <i>we can call BS doesn't call EB with status.</i>
1.B.1.d	Verify feature and function updates and corrections as they relate to an open Trouble Report <i>transfer the - missed a schedule repair</i>	BellSouth needs clarification of this request. <i>BS will print guide lines</i>
1.B.1.e	Provide a means for Network Surveillance (Performance Monitoring) <i>so failure people knowledge to reduce tbl reports (EB)</i>	In a resale environment BellSouth believes this is not necessary. <i>detect msg so I need to 186 tbl E</i>
1.B.1.f	Provide dispatch status as well as location and ETA	BellSouth will advise status of repair and completion. <i>{ out - done tbl to AT&T in - no }</i>
1.B.1.g	Testing <i>go to resale? with EB? AT&T data test?</i>	BellSouth will perform all appropriate testing. <i>part of and repair</i>

ID

AT&T Resale Expectation

BellSouth Resale Plan

1.B.2	Provide AT&T the real time ability to verify and acknowledge any scheduled appointment upon receipt of the Trouble Ticket. <i>TBL MLT works good determine case & case</i>	BellSouth needs clarification of this request. <i>get it into inter if can and call</i>
1.B.3	BellSouth will meet the following status requirements on AT&T services:	
1.B.3.a	Immediate notification of any changes in trouble status, electronically	Technician will call with status
1.B.3.b	The ability to retrieve the current status of any open trouble report	BellSouth anticipates that AT&T will call the repair center.
1.B.3.c	Immediate notification when any scheduled appointment is in jeopardy	BellSouth's objective is to provide <u>resellers</u> with the same quality service it provides its end users.

*Leave
pro alerts*

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information
Subject to a BellSouth and AT&T

200085

nondisclosure agreement and should not be shared except as provided thereto

ID

AT&T Resale Expectation

BellSouth Resale Plan

1.B.4	BellSouth will close all TOK (Test OK), NTF (No Trouble Found), and CC (Came Clear) trouble reports in accordance with the AT&T policy (To be provided).	BellSouth's objective is to provide resellers with the same quality service it provides its end users.
1.B.5	BellSouth will close the trouble by contacting the AT&T work center, AT&T in turn will be responsible for contacting the end user Customer, verifying the trouble is repaired, and then closing the trouble out with BellSouth. <i>uses end user example</i>	BellSouth plans to close all dispatch troubles with AT&T and does not need further contact from AT&T unless further trouble. <i>new that? print status?</i>
1.B.6	BellSouth will immediately notify AT&T of any Network event which impacts AT&T end-users. AT&T would prefer a real time monitoring arrangement if this is feasible.	BellSouth needs clarification of this request. <i>see prior</i>
1.B.7	BellSouth agrees to notify the AT&T work center of any scheduled maintenance activity which could have an impact on the service provided to AT&T end-users, and negotiate release with AT&T. <i>cable thru general chg etc example</i>	Clarify "negotiate release with AT&T" <i>handle w WC agents</i>
1.B.8	AT&T would like to negotiate a workable Disaster Recovery plan with BellSouth and agree to perform quarterly tests of the process. <i>the intent network how we can help</i>	Clarify intent - we have confidence in our existing disaster recovery plans. <i>John - in WC agent re the WC 1050 etc etc</i>

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

200086

ID

AT&T Resale Expectation

BellSouth Resale Plan

1.B.9	BellSouth will provide the AT&T work center with "real time" test results on any AT&T end-user service.	Will handle same as BST end user. <i>do on line</i> <i>3w call in a room today avoid an interview</i>
1.B.10	BellSouth agrees to route repair service calls to the correct service provider (AT&T).	Clarify <i>bill direct to AT&T etc</i>
1.B.11	BellSouth will bill any applicable tariffed maintenance and service charges to AT&T, not to the end user. AT&T will provide an address and contact for all applicable tariffed charges.	ok
1.B.12	BellSouth agrees to provide a listing of all applicable charges at the time the Trouble Ticket is closed. <i>MCT done</i> <i>1 Mtr / 1 hr chg etc</i> <i>1 SW chgs</i>	Technician can provide amount of billable time. <i>BS doesn't see them unless doing inside work of any kind</i>
1.B.13	BellSouth will use an AT&T branded form any time an AT&T end-user is contacted relative to a trouble report, maintenance charges or any applicable service charges.	BellSouth plans to use a generic form for all resellers. BellSouth will not take authorization from EU for additional billable work. <i>→</i>

lunch

my branded

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

200087

ID

AT&T Resale Expectation

BellSouth Resale Plan

1.B.14	A BellSouth Technician will clear any reported trouble to the end-user's network interface.	Agree
1.B.15	BellSouth will provide an on-line transfer of any AT&T end-user "misdirected" trouble call to the AT&T repair center.	BellSouth will refer end user to their local service provider and will provide the number upon request, if BellSouth has number available. <i>will review O&T</i>
1.B.16	AT&T and BellSouth will negotiate performance metric's for Service repair.	BellSouth is still addressing this issue.
1.B.17	Provide AT&T with an "escalation" and "expedite" process for Maintenance.	BellSouth's objective is to provide resellers with the same quality service it provides its end users. <i>Inter agreement will capture</i>

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

200088

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

	Network Architecture & Service <i>Basic Service Requirements</i>	
2.A		
2.A.1	No loss of features or functionality in any of the following areas:	
2.A.1.a	Same dial tone and ring	BellSouth's objective is to provide resellers with the same quality service it provides its end users.
2.A.1.b	Same capability for either dial pulse or touch tone recognition	BellSouth's objective is to provide resellers with the same quality service it provides its end users.
2.A.1.c	Same capability to complete calls to any location	BellSouth's objective is to provide resellers with the same quality service it provides its end users.

ID**AT&T Resale Expectation****BellSouth Resale Plan**

2.A.1.d	Same extended local calling area	BellSouth's objective is to provide resellers with the same quality service it provides its end users.
2.A.1.e	1+ IntraLATA toll calling	Agree
2.A.1.f	PIC 1+ service	Agree
2.A.1.g	CIC dialing	Agree
2.A.1.h	Telephone number portability	N/A to resale

200090

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT**Proprietary and Confidential Information****Subject to a BellSouth and AT&T****nondisclosure agreement and should not be shared except as provided thereto**

ID**AT&T Resale Expectation****BellSouth Resale Plan**

2.A.1.i	Same access to vertical features and functions	Agree, Subject to the restriction set forth in OLEC handbook
2.A.1.j	Call detail recording capability required for end user billing	Agree
2.A.1.k	Access to Telephone Relay Service (TRS)	Agree
2.A.1.l	All CLASS and Custom Calling features and functions (e.g., caller ID)	Agree
2.A.1.m	Centrex <i>Mike → shared tent only? - open to all</i>	Agree for ESSX [®] or MultiServ [®] subject to tariff availability and service restrictions in OLEC handbook.

200091

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information
 Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID

AT&T Resale Expectation

BellSouth Resale Plan

2.A.1.n	Flat and Measured Service <i>Fla - not</i> <i>BA - yes</i> <i>at yes</i>	Subject to legislative and or commission rules. Also See service restrictions in OLEC handbook
2.A.1.o	International Calling	Agree
2.A.1.p	911, 500, 700, 800, 888, 900, 976, etc.	Agree
2.A.1.q	Provide the following End Office features:	Agree, Where the End Office is equipped, the features in 2.A.1.q.1 to 2.A.1.q.3
2.A.1.q.1	Distinctive ringing	Agree

200092

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

2.A.1.q.2	Repeat dial capability	Agree
2.A.1.q.3	Multi-line hunting	Agree, Where available
2.A.1.r	Provide the following feature capabilities allowing for Memory Call services:	Agree, Where available
2.A.1.r.1	SMDI - Station Message Desk Interface	Agree, Where available
2.A.1.r.2	MWI - Message Waiting Indicator	Agree, Where available

200093

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID

AT&T Resale Expectation

BellSouth Resale Plan

2.A.1.r.3	CF-B/DA - Call Forward on Busy / Don't Answer	Agree, Where available
2.A.1.s	Trunk Local connectivity to PBXs and Direct Inward Dialed Services	Agree, Where available
2.B	Network Architecture & Service <i>Number Assignment</i>	
2.B.1	Provide AT&T with the capability to assign telephone numbers "on line", providing AT&T with electronic access to the number assignment system, for "real time" on-line number assignment.	Refer to 1.A.1
2.B.2	Provide AT&T the capability to request and receive "Vanity" numbers on a real time basis.	✓ LSR FOU Vanity

200094

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID

AT&T Resale Expectation

BellSouth Resale Plan

2.B.3	Provide AT&T with the capability to reassign (coincident with an end users request), or obtain any BellSouth controlled number within the geographic boundaries of the LSO, consistent with the current numbering plan.	BellSouth needs clarification of this request. <i>#change + wo net same basis</i>
2.B.4	Provides equal participation and agreement with N11 assignments with AT&T	BellSouth needs clarification of this request.
2.B.5	Provides equal access to identification of Mobile Identification Numbers (MINS).	BellSouth needs clarification of this request.
2.B.6	Provides equal participation and management of NPA and NXX management issues.	BellSouth needs clarification of this request.
2.B.7	BellSouth agrees to number assignment arbitration by a neutral 3rd party, not Bellcore.	BellSouth needs clarification of this request.

200095

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID

AT&T Resale Expectation

BellSouth Resale Plan

2.B.8	BellSouth agrees for long term NPA/NXX Assignment and Administration the following:	BellSouth needs clarification of this request.
2.B.8.a	Establish a neutral third party for the furnishing and administration of numbers	BellSouth needs clarification of this request.
2.B.8.b	Establish a SPOC for the reservation of numbers on a 7x24 basis <i>process 7x24</i> <i>we are 7x24</i>	Dependent upon forecast of volume and demand. <i>(BS) does etc for</i> <i>Consent</i> <i>take + process order</i>
2.B.8.c	Maintain sufficient numbers to meet the needs of all Local Service providers <i># adm in LSO mgmt</i>	BellSouth needs clarification of this request. <i>agree</i>
2.C	Number Portability	

200096

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID

AT&T Resale Expectation

BellSouth Resale Plan

2.C <i>C</i>	<p>Number Portability</p> <p>With Total Service Resale physical number portability is not required, however, AT&T requires that BellSouth customers' have the ability to retain their current phone number when transferring to AT&T.</p>	Refer to 1.A.6
2.D <i>C</i>	<p>Directory Assistance</p>	Agree,
2.D.1 <i>C</i>	<p>BellSouth will provide AT&T the following capabilities exactly as BellSouth provides them to their customers on a going forward basis:</p>	Agree,
2.D.1.a <i>C</i>	<p>Provide 2 customers or numbers and or addresses per call.</p>	Agree,
2.D.1.b <i>C</i>	<p>Provide name and address upon requested except for unlisted numbers</p> <p><i>[Handwritten box]</i></p>	<p>Agree to <u>AL, MS, LA, KY</u> ? TN . <i>sys issue</i></p> <p><i>BS state credit with search</i></p>

200097

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID

AT&T Resale Expectation

BellSouth Resale Plan

2.D.1.c <i>c</i>	Provide call completion to the requested number when requested	Agree
2.D.1.d <i>c</i>	Provide a service that carries the AT&T brand or no brand if branding is not technically possible.	BellSouth will not brand except for DACC. <i>do not use with a brand DA is</i>
2.D.1.e <i>c</i>	Agree that charges associated with AT&T Directory Assistance are set by AT&T	BellSouth will bill our tariff charges to AT&T.
2.D.1.f <i>c</i>	Provide data (listing data base) that is timely and at parity with BellSouth. <i>some time</i>	BellSouth needs clarification of this request. <i>agree</i>
2.D.1.g <i>c</i>	Any information provided by Automatic Response Unit (ARU) repeated twice.	Agree

200098

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID

AT&T Resale Expectation

BellSouth Resale Plan

2.D.1.h cg	Provide automatic call completion (AT&T retains profits)	BellSouth needs clarification of this request.
2.D.1.h.1 cg	Route the caller to AT&T for all toll calls.	IntraLATA DACC route through BST. InterLATA DACC not offered.
2.D.1.i cg	Provide service at the same levels as BellSouth and subject to same performance metric's.	Will comply with PSC requirements. ✓
2.D.1.i.1 g	Number of rings to answer	Will comply with PSC requirements. ✓
2.D.1.i.2 g	Average work time	BellSouth's objective is to provide resellers with the same quality service it provides its end users. ✓

200099

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID

AT&T Resale Expectation

BellSouth Resale Plan

2.D.1.i.3 g	Disaster recovery options	BellSouth's objective is to provide resellers with the same quality service it provides its end users.
2.D.1.i.h	Provide intercept service for customers moving service.	Agree
2.D.1.j.1 h	Refer to new 10 digit number	Agree
2.D.1.j.2 h	Repeat new number twice on referral	Agree
2.D.1.j.3 e h	Refer to new appropriate DA	BellSouth needs clarification of this request

200100

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

2.D.1.j 3	Repeat recording twice	BellSouth's objective is to provide resellers with the same quality service it provides its end users.
2.D.2.a c	Provide the ability to waive charges for handicapped customers.	See 1.A.10
2.D.2.b c	Provide a process to verify and document a customer's exempt status.	See 1.A.10
2.D.3 ca	Provide AT&T with access to Directory Assistance data so that AT&T can self provision it's own Directory Assistance service.	Available - Refer to <u>Barbara Watson</u> for DADS service.
2.D.4 c3v	Provide the capability to route AT&T customers 411 calls to AT&T	BellSouth plans to route 411 resellers end users to DA.

Bob Schrage

200101

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

2.1 D	Listings	
2.E.1	White pages requirements:	
2.E.1.a	no Lists at no cost to AT&T (1st number free)	Agree
2.E.1.b	Distribution of directory to AT&T customers coincident with receipt of White Pages by BellSouth customer	Agree
2.E.1.c	List of AT&T services and information (price, features, availability) similar to BellSouth	BellSouth plan to list resellers customer service and repair in call guide pages. <u>Agree</u>

200102

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

2.E.1.d	Provide wholesale prices to AT&T which reflect BellSouth's avoided costs.	Refer to Bob Scheye
2.E.1.e	Unlisted / unpublished discount	Refer to Bob Scheye
2.E.1.f	Provide a discount for multiple listings	Refer to Bob Scheye
2.E.1.g	Recycle AT&T's Customer directories and books	Agree, same process for end users
<u>2.E.2</u>	Yellow pages requirements:	

200103

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID

AT&T Resale Expectation

BellSouth Resale Plan

2.E.2.a	Provide a "real time" knowledge of deadlines	Refer to BAPCO
2.E.2.b	Provide a commission on advertisements from AT&T	Refer to BAPCO and Bob Scheye
2.E.2.c	Distribution of directory to AT&T customer's coincident with receipt of Yellow Pages by BellSouth customer	Agree
2.E.2.d	Provide wholesale process to AT&T which reflect BellSouth's avoided costs.	Refer to BAPCO and Bob Scheye
2.E.3.a	Provide the ability to waive charges for handicapped customers	See 1.A.10

*add
foot*

BTA

200104

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

2.E.3.b	Provide a process to verify and document a customer's exempt status	See 1.A.10
2.E.4	AT&T requires BellSouth to list AT&T in the front of the directory as a local service provider for the area with all appropriate information and telephone numbers.	See 2.E.1.c <i>standby entry</i>
2.F E	Operator Services	
2.F.1	Provide to AT&T Operator Services accessible by "0+" and "0-" dialing. <i>L</i>	BellSouth plans to route operator resellers end users to <i>AA</i> <u>TOPS</u>
2.F.2	Provide to AT&T a full range of Operator Service functions identical to those which BellSouth provides to its customers.	Agree

200105

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

2.F.3	Provide the Operator Services "branded" as AT&T complete with the "AT&T sparkle tone bong".	AT&T resale customers cannot be identified by the BellSouth operators. <i>Red notes</i>
2.F.4	AT&T will provide to BellSouth performance metric's for the provision of this service which will include:	BST will adhere to its internal standards for the provision of operator services.
2.F.4.a	Number of rings to answer	BST will adhere to its internal standards for the provision of operator services.
2.F.4.b	Average work time	BST will adhere to its internal standards for the provision of operator services.
2.F.4.c	Disaster Recovery (work stoppage, technical failure, natural disaster, weather)	BST will adhere to its internal standards for the provision of operator services.

200106

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID

AT&T Resale Expectation

BellSouth Resale Plan

2.F.5	Provide the following capabilities including but not limited to:	
2.F.5.a	Calling Card Service (entry, verification, and intercept)	BellSouth will provide capability for the resellers customer to use the resellers calling card. <u>Verification of LIDB storage contract. Please clarify intercept.</u> <i>deny</i> <i>fraud</i>
2.F.5.b	<u>Instant credit on calls</u>	BellSouth's objective is to provide resellers with the same quality service it provides its end users.
2.F.5.c	Time and charges	BellSouth's charges. <i>M/M</i> <i>any inter scenario</i>
2.F.5.d	Route calls to AT&T when requested	<u>Via existing operator transfer service</u>

200107

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT
Proprietary and Confidential Information
Subject to a BellSouth and AT&T
nondisclosure agreement and should not be shared except as provided thereto

ID

AT&T Resale Expectation
AT&T Resale Expectation

BellSouth Resale Plan
BellSouth Resale Plan

2.F.5	Provide the following capabilities including but not limited to:	
2.F.5.a	Calling Card Service (entry, verification, and intercept)	BellSouth will provide capability for the resellers customer to use the resellers calling card. <u>Verification of LIDB storage contract. Please clarify intercept.</u> <i>deny</i> <i>fraud</i>
2.F.5.b	<u>Instant credit on calls</u>	BellSouth's objective is to provide resellers with the same quality service it provides its end users.
2.F.5.c	<u>Time and charges</u> →	<u>BellSouth's charges.</u> <i>M/M</i> <i>any inter scenario</i>
2.F.5.d	Route calls to AT&T when requested	<u>Via existing operator transfer service</u>

200107

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT
Proprietary and Confidential Information
Subject to a BellSouth and AT&T
nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

2.F.5.e	Busy Line Verification/Emergency Intercept (BLV/EI)	Agree
2.F.5.f	Emergency calls	Agree
2.F.5.g	Notification of the length of call	Agree
2.F.5.h	Hotel/Motel services	Agree <i>BST rates</i>
2.F.5.i	Real time rating of calls	Same as BST rates

200108

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

2.F.5.j	Handicapped caller assistance	Agree
2.F.5.k	Third party billing	Same as our customers if we can validate billing (with a LIDB contract)
2.F.5.l	Collect: Person to Person / Station to Station calls	Same as our customers if we can validate billing (Collect with a LIDB contract)
2.F.6	Provide the option to purchase resale service without associated Operator Services to AT&T in an unbundled offering.	Resellers customer will reach BellSouth operators <i>lets DA</i> <i>Bob Seley</i> <i>text issuer</i>
2.G <i>1/1</i>	Lifeline	See 1.A.10

200109

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

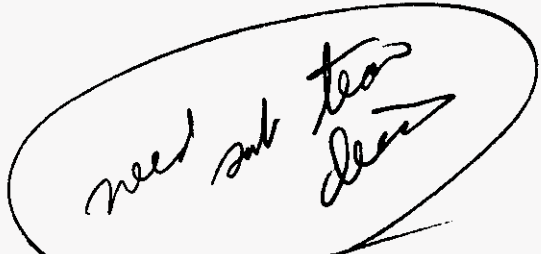
Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID

AT&T Resale Expectation

BellSouth Resale Plan

2.G.1 G	Provide the capabilities required for Lifeline services exactly as BellSouth provides to their customers on a going forward basis, this includes a billing plan, access to the subsidy pool, etc.	See 1.A.10
2.H G	Service Assurance Warranty (SAWS)	
2.H.1 G	Provide a service quality guarantee to AT&T which will be accomplished by offering a credit when BellSouth does not meet the service quality requirements as specified by AT&T.	BellSouth does not believe this is appropriate for resellers.
2.H.2 G	This service guarantee is applicable but not limited to:	
2.H.2.a G	Call Satisfaction Credit	

200110

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

2.H.2.b b	Service Interruption Guarantee	
2.H.2.c G	Installation / Repair Satisfaction Credit	
2.H.2.d G	Service Order Satisfaction Credit	
2.I H	911	
2.I.1 H	Provide access to 911 / E-911 in a transparent manner to the end user.	Agree

200111

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENTProprietary and Confidential Information
Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

2.I.2 <i>M</i>	Provide the ability to populate the 911 databases in a timely manner at parity with BellSouth.	Not applicable - BellSouth will populate the database via its service orders.
2.J	Inside Wire	Inside wire is a deregulated service, BellSouth does not plan to offer it. <i>or only time</i>
2.J.1	Provide Inside Wire service maintained by BellSouth and branded as AT&T.	
2.J.2	Establish a mutually beneficial arrangement to resell Inside Wire provisioning and maintenance.	
2.J.3	Transfer the Inside Wire maintenance contract to AT&T for its' Local customers.	

200112

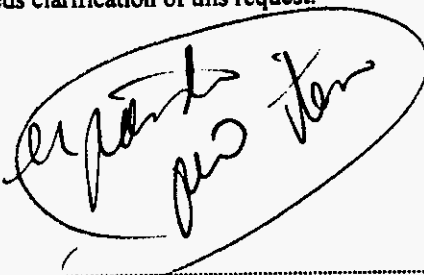
DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

2.K	Disaster Recovery	BellSouth needs clarification of this request. 
2.K.1	Agree to mutual participation in Disaster Recovery plans.	BellSouth needs clarification of this request.
2.K.2	Provide timely notification of any outage which has an effect on AT&T customer's:	BellSouth needs clarification of this request.
2.K.2.a	Central Office outages	BellSouth needs clarification of this request.
2.K.2.b	Facility outages such as cable cuts, repeater failures, etc.	BellSouth needs clarification of this request.

200113

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

2.K.2.c	Commercial power outages	BellSouth needs clarification of this request.
2.K.2.d	Load sharing situations	BellSouth needs clarification of this request.
2.K.2.e	Subscriber Loop problems	BellSouth needs clarification of this request.
2.K.2.f	Signaling network problems	BellSouth needs clarification of this request.
2.K.2.g	General network congestion	BellSouth needs clarification of this request.

200114

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

2.K.2.h	Any other issue which has or could have a negative effect on AT&T Customer service	BellSouth needs clarification of this request.
2.L	Payphone Service	<u>BAS</u>
2.L.1	BellSouth will provide the ability to procure Payphone services at a wholesale price that is commercially viable.	Refer to Bob Scheye
3	Billing and C.A.R.E.	CABS billing general - BellSouth plans to provide CLUB summary bills for non-access service

200115

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

3.A.1	BellSouth will participate in a Local/Resale bill Certification Process as defined by the SABR document (Section 5) to ensure quality and financial assurance controls throughout AT&T and BellSouth's processes. Billing accuracy is the sole responsibility of BellSouth.	AT&T submits a CRIS - oriented certification proposal, BellSouth will evaluate it.
3.A.2	BellSouth will work with AT&T to facilitate accurate and timely billing as defined by the SABR document (Section 3).	SABR not applicable for non-access services. However, BellSouth is committed to accurate and timely billing.
3.A.3	BellSouth will provide a mechanized bill as defined by the SABR document (Section 4,5,&6) and utilized the electronic data transmission <u>Connect: Direct.</u>	BellSouth will make CLUB summary bills available via EDI. (AT&T currently receives administrative bills via EDI)
3.A.4	BellSouth and AT&T will agree to an annual Supplier Quality Certification Review to be conducted by AT&T.	It would be premature to agree at this time until the process itself is settled. <i>Big issue for us</i>
3.A.5	The existing CABS Billing Output Specifications (BOS) documents provide guidelines for how to render a bill. Additional information that is required to be uniquely identified when rendering Local/Resale charges per the SABR document (Section 7) are as follows:	BellSouth plans to provide CRIS billing for non-access resold services. However many of the specific concerns identified in Section 7 can be addressed via CRIS billing. <i>details avail?</i>

200116

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID

AT&T Resale Expectation

BellSouth Resale Plan

3.A.5.a	BellSouth will bill charges/credit for Primary Interexchange Carrier (PIC) change charges separately from the Local/Resale bill	BellSouth needs clarification of this request. If referring to end user - initiated PIC change charges, BellSouth will not take requests from the end user
3.A.5.b	BellSouth will use the same structure as documented in CABS for a Switched Access Bill	BellSouth plans to provide a CLUB summary bill from CRIS
3.A.5.c	Specific Account Level, Jurisdiction and Service/Feature codes are delineated	Charges will be identified at the individual end user account level and will be itemized on the CLUB summary bill from CRIS.
3.B	Data Transfer Requirements	BellSouth recognizes the need to work cooperatively to establish data transfer procedures
3.B.1	Unrated EMI records per EMI ESRD	BellSouth needs clarification of this requirement.

#2 #3
AT&T - Exch STA Ref Doc
AT&T needs of BellSouth EMI
? action on diff

200117

ID

AT&T Resale Expectation

BellSouth Resale Plan

3.B.2	IntraLATA Toll usage <i>non 10268</i> <i>outside</i> <i>non-rated</i>	BellSouth needs clarification of this request. <i>ID into</i>
3.B.3	Local usage <i>you sure want it?</i>	BellSouth needs clarification of this request. BellSouth does not maintain usage data on its flat rated service end users <i>Does to route usage with 3w calling</i>
3.B.4	Rated incollects sent rated	Interim: We plan to include those records on the monthly bill. <i>-CRIS</i> Long term: A daily usage option is planned for late 1Q96. <i>all usage</i> <i>a comm to date</i>
3.B.5	Message packed by Send to: / Bill to: RAO	In general these requirements appear reasonable. However, specific data transfer requirement can be worked out when usage to be transmitted is agreed upon.
3.B.6	Transport facility which conforms to IDIS	In general these requirements appear reasonable. However, specific data transfer requirement can be worked out when usage to be transmitted is agreed upon.

200118

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

3.B.7	Transmission via CONNECT: Direct	BellSouth uses today.
3.B.8	Information via courier if required	In general these requirements appear reasonable. However, specific data transfer requirement can be worked out when usage to be transmitted is agreed upon.
3.B.9	Tape data will conform to Attachment "A" of the LRDTR	In general these requirements appear reasonable. However, specific data transfer requirement can be worked out when usage to be transmitted is agreed upon.
3.B.10	Data to be delivered Monday through Friday except negotiated agreed to Holidays	In general these requirements appear reasonable. However, specific data transfer requirement can be worked out when usage to be transmitted is agreed upon.
3.B.11	Contacts (sending/receiving usage files), IDS, volumes by sending location	In general these requirements appear reasonable. However, specific data transfer requirement can be worked out when usage to be transmitted is agreed upon.

200119

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

3.B.12	Any rejected packs will be corrected and resent	In general these requirements appear reasonable. However, specific data transfer requirement can be worked out when usage to be transmitted is agreed upon.
3.B.13	Packs tracked by invoice sequencing criteria	In general these requirements appear reasonable. However, specific data transfer requirement can be worked out when usage to be transmitted is agreed upon.
3.B.14	Data compaction will be done per Attachment "B" of LRDTR	In general these requirements appear reasonable. However, specific data transfer requirement can be worked out when usage to be transmitted is agreed upon.
3.B.15	Pack size is 1 to 99,999 plus the header and trailer	In general these requirements appear reasonable. However, specific data transfer requirement can be worked out when usage to be transmitted is agreed upon.
3.B.16	Daily transmission of up to 99 packs, maximum	In general these requirements appear reasonable. However, specific data transfer requirement can be worked out when usage to be transmitted is agreed upon.

200120

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

3.B.17	Data set minimum of 1 pack	In general these requirements appear reasonable. However, specific data transfer requirement can be worked out when usage to be transmitted is agreed upon.
3.B.18	Only one data set per Sending Location	In general these requirements appear reasonable. However, specific data transfer requirement can be worked out when usage to be transmitted is agreed upon.
3.B.19	Pack Header Record per LRDR (page 8)	In general these requirements appear reasonable. However, specific data transfer requirement can be worked out when usage to be transmitted is agreed upon.
3.B.20	Pack Trailer Record per LRDR (page 9)	In general these requirements appear reasonable. However, specific data transfer requirement can be worked out when usage to be transmitted is agreed upon.
3.B.21	Data set name per LRDR (page 10)	In general these requirements appear reasonable. However, specific data transfer requirement can be worked out when usage to be transmitted is agreed upon.

2001.21

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

3.B.22	AT&T will provide Data control reports	In general these requirements appear reasonable. However, specific data transfer requirement can be worked out when usage to be transmitted is agreed upon.
3.B.23	Existing detail edits to be performed	In general these requirements appear reasonable. However, specific data transfer requirement can be worked out when usage to be transmitted is agreed upon.
3.B.24	Perform error correction as required	Further analysis is required. <i>no points been taken for due to me 12/1</i>
3.B.25	AT&T will return unbillable messages	Further analysis is required.
3.B.26	Interface testing between AT&T and BellSouth	Further analysis is required.

200122

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

3.B.27	Test files via CONNECT: Direct	Further analysis is required.
3.B.28	Periodic back up retained for 45 days	Further analysis is required.
3.B.29	Periodic review of control procedures	Further analysis is required.
3.B.30	Data back up retained for 45 days	Further analysis is required.
3.B.31	Provide mutual written change notification	Further analysis is required.

200123

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

AT&T DACC + call record

ID

AT&T Resale Expectation

BellSouth Resale Plan

<p>3.B.32</p>	<p>Billing capability for Automatic Call Completion on DA service</p> <p><i>How does it work? DACC</i></p>	<p>BellSouth needs clarification of this request.</p> <p><i>We need the record</i></p> <p><i>Shirley Wilton</i> <i>Chucky</i> <i>BellSouth</i></p>
<p>3.C</p>	<p>C.A.R.E. Requirements</p>	
<p>3.C.1</p>	<p>Timely exchange of Customer account information between Local Service Providers and Long Distance Providers.</p>	<p>BellSouth views CARE as an appropriate mechanism for the exchange of information. about PIC changes BellSouth needs AT&T to clarify the types of information AT&T expects to exchange through CARE for local service resale.</p>
<p>3.C.2</p>	<p>Work with a Clearinghouse or other viable option (flow through point for information)</p>	<p>BellSouth needs clarification of this request.</p>

200124

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

3.C.3	Provide a long-term system operated by a neutral third party.	BellSouth needs clarification of this request.
3.C.4	Reach agreement on a workable interim solution.	BellSouth needs clarification of this request.
3.C.5	All activity transactions sent according to the Local Service Provider.	BellSouth needs clarification of this request.
3.C.6	Long Distance Carriers are informed of any new Local Service Providers and vice-versa.	This does not appear to be a CARE issue. OBF has addressed this issue for facilities-based carriers only, BST will provide IXC billing information to facilities based OLECs when the OLEC connects to the BellSouth tandem. BST has not planned to notify providers on an ongoing basis nor has it planned to notify resellers.
3.C.7	An indicator to separate the Local Service Provider from an Access Provider.	BellSouth supports this, subject to appropriate resolution by OBF Subscription Committee.

app to resale

200125

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID**AT&T Resale Expectation****BellSouth Resale Plan**

3.C.8	Local Service Providers are required to provide Long Distance Providers with the following information:	
3.C.8.a	Customer activity	BellSouth needs clarification of this request. - It appears that this would be business as usual for these activities.
3.C.8.b	Responses to orders	BellSouth needs clarification of this request. - It appears that this would be business as usual for these activities.
3.C.8.c	Requests for Billing Name and Address (BNA)	
3.C.8.d	Customer Record	BellSouth needs clarification of this request. - It appears that this would be business as usual for these activities.

200126

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT**Proprietary and Confidential Information****Subject to a BellSouth and AT&T****nondisclosure agreement and should not be shared except as provided thereto**

ID**AT&T Resale Expectation****BellSouth Resale Plan**

3.C.9	See 3.C.8.	
3.C.10	Performance Metric's for the process to be negotiated between BellSouth and AT&T.	Same as 3.A.4
3.C.11	Data transmission as negotiated between the two parties, AT&T and BellSouth	BellSouth is willing to negotiate an appropriate means of data transmission.
3.C.12	Customer information to be supplied as required by the C.A.R.E. / ISI.	BellSouth agrees for existing applications.
3.C.13	Customer activity communications as defined by the Transaction Code Status Indicator (TCSI).	BellSouth needs clarification of this request. Would be supported by the CARE/ISI referenced in 3.C.12.

200127

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

ID

AT&T Resale Expectation

BellSouth Resale Plan

ID	AT&T Resale Expectation	BellSouth Resale Plan

200128

DRAFT - FOR DISCUSSION PURPOSES ONLY - NON BINDING DOCUMENT

Proprietary and Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto

UNBUNDLING AND INTERCONNECTION

POLICY UPDATE AND SUPPLEMENT

OCTOBER 1995

PREPARED BY: JOYCE DAVIDSON
908-221-8940

297

200129

UNBUNDLING AND INTERCONNECTION

INDEX

SECTION	DESCRIPTION	PAGE
	Executive Summary	3
I	Introduction	5
II	Purpose and Goal	5
III	Background	6
IV	AT&T Public Policy	9
V	Basic Understanding and Uses	12
VI	Description of Basic Network Functions	16
VII	Additional Requirements	23
VIII	Highlights	25
Attachments		
	Nine Conditions	26
	Listing of Basic Network Functions	27
	Draft Rules	29
	Diagrams	32

Executive Summary

Unbundling of and interconnection to the local exchange carrier's (LEC's) network is vital to the success of competition in the local markets. The 11 basic network functions (BNFs) AT&T identified over two years ago still represents the minimal level at which the LEC network should be unbundled.

There are various federal orders dealing with either unbundling of access service related components of the LEC network or end-user type services requested by enhanced service providers (ESPs). The federal orders recognized that assistance is needed if the new entrant is expected to survive and compete at parity with the incumbent LEC.

An understanding of the 11 BNFs, listing of priority, and offerings to the end-user is need by the state commissions when proposing rules for local competition. To that end:

The 11 BNFs (loop distribution, loop concentrator, loop feeder, end office switch, access tandem, signaling transfer point, access link, service control point, and operator system) are components of the LEC network that can be logically separated, supported by standard interconnections (the American National Standards Institute), and priced at TSLRIC.

The priority sequence for requesting working components of the LEC network with guarantees that include maintenance and testing either completely separated from the recurring cost or part of that recurring cost is: loop, subelements being loop distribution, loop concentrator and loop feed; end office switch; signaling components made up of signal transfer point, access links and service control points; and operator systems which include 0+, 0- and directory assistance services. The dedicated and common transports and access tandems need expanded tariff definitions, where language is restrictive, that allow their use for local service. The dedicated and common transport, access tandem and signaling link from the access tandem to the signal transfer point have been unbundled for access related services.

The service offerings, sometimes referred to as demand, represent the combination of BNFs that when grouped by the new entrant can be offered as an end-user offering. For example, a basic local service offering would require some combination of loop, switching, and signaling network. Either part or all of these components could be owned by the

new entrant. Regardless of ownership, the origination or termination of a call should be seamless in nature and network interconnection transparent to the end-user.

Finally, The Nine Conditions of a Competitive Market should serve as a measurement of how successful competition in the local markets is becoming. Network unbundling and local service offerings by a new entrant is a reflection of the success of loop resale.

I INTRODUCTION

This document updates and supplements AT&T's existing policy position on local network unbundling and interconnection. This document deals with the following two of the "Nine Conditions of a Competitive Market":

- a) Unbundle the local exchange company's network into a set of discrete network components that could, if economically feasible, be provided on a stand alone basis, and
- b) permit comprehensive interconnection with unbundled components under equal conditions with the local exchange company¹.

Being a living document, changes to the document will be made either as initial assumptions are modified, or service configurations updated as a result of additional input.

II PURPOSE AND GOAL

This policy Update and Supplement describes how unbundled network components, when separated, can be purchased by an alternative local exchange carrier (ALEC). An ALEC is a carrier who provides end-user customers with an alternative means of obtaining local exchange services. This policy ties together physical interconnection and unbundled network functions (BNFs) via industry approved standards.

Additionally, this policy Update and Supplement describes the uses of the BNFs, and gives examples of interconnection standards and services that an ALEC would require given the opportunity to purchase desired BNFs from the LEC.

¹ This policy deals with interconnection of unbundled basic network functions, BNFs. This interconnection is required to connect networks for the purpose of delivering service to an end-user. Co-carrier interconnection, which is required to terminate another carrier's local traffic, is not addressed in this paper. See appropriate Mutual Compensation tab in the current Playbook.

III BACKGROUND:

It is acknowledged by the Federal Communications Commission (FCC), Interexchange Carriers (IXCs) and state Public Service Commissions (PSCs) that the local exchange network is a monopoly. This monopoly is the "bottleneck" facilities that connects the end-user telephone customer with the rest of the world. The term "bottleneck" is used because an essential part of every call is under the control of the local company.

Unbundling basic network components is defined as the desegregation of physical components of the local exchange monopoly network into a set of "individual components" that can be individually provided, costed, priced and interconnected in such a way as to provision local, intraLATA and interLATA toll services by an ALEC.

The FCC's Computer Inquiry III order, Docket 90-623, resulted in the Comparably Efficient Interconnection (CEI) requirements. The Open Network Architecture (ONA) order, Docket 88-2, established the requirements for unbundled rate elements. Both orders acknowledged the fact that new entrants in the market need to interconnect on a non-discriminatory basis to the incumbent's network and only purchase components of that network that they needed. These orders were, however, directed at enhanced service providers, (ESPs). These orders emphasize the unbundling of basic services, not the substitution of underlying facilities in a carrier's network. These orders also recognized that nondiscriminatory safeguards are needed to assist new entrants' entry into an established monopoly market. Building on the assistance premise for a new entrant, AT&T argues that network unbundling is a prerequisite for an ALEC's entry into the local exchange market.

Another FCC Order that can be used with state commissions in support of our policy is the Expanded Interconnection order, Docket 91-141, dealing with physical and virtual collocation for both interstate special access and switched transport services. Even though this particular order deals with the

interconnection of physical plant of an IXC that is used to originate and terminate interstate access telephone traffic, the order can be used to support arguments for physical collocation. The order also deals with unbundled dedicated and common transports as well as unbundled access tandem switches.

We should not confuse interconnection of physical plant, the 11 BNFs, with co-carrier interconnection trunk traffic. Co-carrier interconnection trunks are used for the termination of local and toll traffic of connecting local carriers. Co-carrier interconnection trunks exist between a LEC and independent local exchange carrier (ILEC) today. On the other hand, BNF interconnection of physical plant occurs between competing carriers, LEC and ALEC. The LEC and ALEC are providing local service in the same geographical area. The LEC and ILEC are providing service in abutting geographical service areas. With respect to network unbundling, physical interconnection is associated with the connection of the unbundled components of the competing carrier, ALEC, to that of the incumbent's network.

Again, as state commissions start proceedings that include network unbundling, the above cited orders can be used to guide the establishment of initial rules. Examples found within these orders include a) measurement of compliance as a policy standard to ensure the nondiscriminatory offering of unbundled components, b) development of tariff requirements for each of the unbundled component, c) establishment of logical interconnection parameters for the unbundled components and d) definition of physical collocation arrangements for any ALEC wishing to interconnect. The examples cited, if used, will result in rules that support both the policy objectives and necessity for unbundling.

It should therefore be re-enforced with the state commissions that unbundling of the monopoly bottleneck local exchange network is essential for true and effective local exchange competition to emerge and develop. Unbundling of the local exchange bottleneck will promote entry by both resellers and facilities based carriers thereby strengthening the competitive process in the local exchange market. Experience in other markets has shown that competition drives prices, innovation, changes, awareness and service. The public interest is served when true competition is allowed to grow and flourish.

The legislative and regulatory arenas provide the foundation for competition. The regulatory guidelines set forth will direct how the bottleneck monopoly break-up will be won or lost. Players who have a stake should take the lead by directing a set of logical and comprehensive rules and orders that will describe the needed criteria for effective competition. See Attachment C for draft rules. The resulting efforts in the regulatory arenas should embrace a level playing field for all players. Emphasis placed on market forces as a determinate for the lasting players should be the focus and judgment of those local service providers based on the products they deliver.

Approximately two years ago AT&T identified 11 BNFs that represented the initial set of network elements that need to be separated so an ALEC entering the local exchange market could provide local or intraLATA toll services. The California Coalition combined AT&T's 11 BNFs and MCI's Building Blocks into "Monopoly Building Blocks" to offer to the California PSC for adoption in the local competition rule making proceeding. The California Coalition as the FCC recognized that for new entrant to enter the local exchange market they must be able to purchase and interconnect basic network components. Use of a coalition is a method by which an industry body supporting the unbundled network functions can present a comprehensive package to a state commission. This is another way to support our overall unbundling goal.

The 11 unbundled network functions (BNFs) that AT&T continues to supports are:

Loop Distribution	Common Transport
Loop Concentrator	Access Tandem
Loop Feeder	Access Link
End Office Switch	Signal Transfer Point
Operator Systems	Service Control Point

Dedicated Transport

IV **AT&T's PUBLIC POLICY**

AT&T's position is that the incumbent local exchange carrier must unbundle their network such that competition in the local markets are given the opportunity to emerge and end-user customers are presented with a choice. The incumbent local exchange carrier provides the loop to the end-user. An ALEC could build out plant over time and then approach the end-user but that is a delay to competition and end-user choice. In other market segments building out may make sense, however, in the telecommunications industry it is inconceivable that an end-user would want 2 to 10 separate lines coming into their home just to have a choice of telecommunications carriers. The wiring on poles, rights of way and request for conduit use or upgrades all must be considered in a build out scenario. It is not our position to propose immediate build out requirements for an ALEC. It is our position that, based on the economic assessment, the ALEC will develop its own deployment plan. Our policy supports an ALEC leasing facilities with the LEC retaining ownership. Leasing of facilities still provides the incumbent LEC with a source of revenue. There is no taking of property in this arrangement as argued by some of the incumbents.

As the regulators look to the industry to set the guidelines as well as direction for local competition, AT&T's policy and measurement for local competition, "The Nine Conditions of a Competitive Market" should always be offered. See Attachment A for a complete listing. These 9 conditions represent an appropriate measurement tool for judging true competition in the local exchange market.

Alternatively, we recognize that during negotiation sessions, e.g., coalition groups, stipulation discussions, the industry members may opt for a compromise when we propose our 11 BNFs as each member considers their needs. The priority of unbundle components on which there can be no compromise is:

Loop which includes three subelements; loop distribution, loop concentrator and loop feeder. If the subelements become part of a menu

from which later choices are made we can live with that arrangement. The important thing is to get the subelements on the table, recognized and available for selection.

End office switch, sometimes referred to as the port. Understand we may never purchase the switch by itself but we need it unbundled in order to replace it with our own switch. If the ALEC chooses to lease switching functions, then the identification and pricing of those functions are critical.

Signaling, which includes signaling links, signal transfer point and service control point. This SS7 network is used today to complete the majority of calls, commonly known as out-of-band signaling. There are signaling networks other than AT&T's that currently interconnect with the LECs' signaling network, e.g., ITN network is used by many of the ILECs. The AT&T signaling network interconnects with the LECs signaling network today via D Links. In the proposed BNFs we are asking for an A Link, i.e., the signaling interconnection between ALEC local end offices and the LEC STP. The D Links transport signaling data between STPs of different networks.

Common Transport is currently unbundled for access services. Use of the common transport for local service would require minor modification of the current tariffs.

Access tandems and **dedicated transport** both are already unbundled for access services but with minor tariff modifications can be applicable for local service.

Operator systems include directory assistance, 0- and 0+ dialing. If the operator functions, which include people activities and physical network components are unbundled and priced correctly a new entrant would be able to connect its own operator network components to a LEC end office and offer operator assisted services to their end-users with its own work force. If the new entrant is providing basic local service via its own switch but not operator services the new entrant then needs to purchase separately operator services. Also the LEC switch will need to be able to

recognize an ALEC's end-user and provide operator functions for that end-user even though the LEC switch would not be providing dialtone.

It is also AT&T's position that collocation of an ALEC's equipment could be beneficial to both parties. Collocation arrangements need to be developed based on the needs of both parties, i.e., the ability to perform testing, to conduct maintenance activities and provide service arrangements or re-arrangement functions.

We feel that the establishment of just and reasonable rates must at total service long run incremental cost (TSLRIC).

In the event that not all 11 BNFs will be unbundled at the out set of local competition a bona fide request procedure should be put in place. The bona fide request should be i) in writing, ii) specifically identify pertinent facts, iii) specific issues to be resolved, iv) specific time frames for implementation and resolution, v) technology issues if known, and vi) resolution procedures. The bona fide request procedure allows an ALEC a tool by which they can obtain new technology as it is deployed, introduce new interconnection standards and track responsiveness of their request.

Incorporating timelines and schedules in draft rules are a mistake. The bona fide request eliminates the need for having additional negotiation requirements in the core set of commission rules. A ruling containing the listing of the 11 BNFs and a bona fide request with final commission over sight and control would be acceptable. Final implementation would be an entirely separate process for the parties involved to develop and implement.

V BASIC UNDERSTANDING AND USES OF BNFs

The following criteria should be incorporated in any rules or orders when referencing BNFs:

BNFs require a standard interface for access or egress.

BNFs must be measurable and billable.

BNFs must utilize standard interconnection protocols that are recognized and or acknowledged by the industry.

BNFs must have the potential to be provisioned by alternative local exchange carrier.

For ease of discussion and continuity the BNFs are grouped into the following facility families:

Loop facility

End Office facility

Transport facility

Signaling facility

Ancillary Service facility

Within each of the facility families there are several network components that, when unbundled or grouped, can be purchased by an ALEC to offer service to

an end-user customer. See Attachment B for a complete listing of the monopoly network BNFs.

As discussions are held with the PSCs we must begin to show how the BNF groupings comprise a service. We must also explain how the physical interconnections we are asking for are standard interconnections and are used today by the LEC.

For example the most common areas requiring explanations are the need for subloop break-out, type and demand for loops desired and what is meant by port. Following are ways in which you can respond:

Subloop

It is AT&T's position that subloop unbundling is needed to allow an ALEC a) the opportunity to extend their physical network beyond the switch if desired, and b) the ability to purchase only the loop distribution and loop concentration in order to directly link to their switch via their own feeder plant. Even though we are speaking about subloop unbundling, an unbundled switch is also required since the ALEC will be using its own switch. Also implied is that there is some unbundling of the signaling that is required to set-up the call flow. So far, in this scenario, not only is there a need for subloop unbundling but unbundling of the switch and signaling. The power for the unbundled loop is provided by the connecting switch. It is necessary to show the connection of all of these components in order to understand the impact of unbundling. Also the purpose of unbundling is not to purchase all of the components but for an ALEC to have the ability to replace any one of the components with its own equipment.

Interconnections for the 11 BNFs being discussed, remember interconnection is only needed if the ALEC has its own equipment, are all standard. Within either the *BOC Notes on the LEC Network* or the American National Standards of Institute (ANSI) Committee T1, there are interconnection listings and descriptions for all the 11 BNFs that AT&T is requesting to be unbundled. An example of an interconnection standard for Integrated Digital Loop Carrier (IDLC), SLC-96 Interface-TR-TSY-000008 also TR-TSY-000303 could be used.

Both interconnection references describe the overall generic requirements for an IDLC to interface with a remote digital terminal (RDT).

Arguments against subloop unbundling are a) loss in efficiency at the concentrator, b) cost of adding remote terminals (RTs), c) ability to perform complete loop testing and e) back-to-back- SLCs that were not designed by AT&T to talk to each other. All of these arguments have solutions and are being worked by Network Services and Bell Labs. It is recognized that in the beginning we may not be using the most cost effective or prudent methods for local service delivery but through combined developmental activities with the parties involved solutions will be worked.

Loop Types and Demand

A response when asked what type of loop would be requested would be a) two wire voice grade or POTS, b) two wire ISDN digital grade or c) four wire DS-1 digital. To be more specific at this time would be impossible because of the particular make-up of a particular geographic area, customer set and technology available. Also note that a specific demand for loops can not be determined until such time as a) geographical area is determined, b) tariff rate on unbundled loop is set, c) current customer service is determined, and d) regulatory restrictions are resolved.

Switch and or Port

AT&T expects the following capabilities to be provided by the port: a) recognition of service request, b) call specific information, c) data analysis, d) route selection, e) call completion or hand off, f) testing, g) recording, h) signaling etc., all required for network maintenance and call processing. In addition, within the port or switch, Advanced Intelligent Network (AIN) triggers should be unbundled and tarified. These triggers include the following: a) off-hook detection, b) dial tone generation, c) digit collection, d) digit analysis, e) routing etc., all of which enable the provider in making service differentiation type of offerings. Unbundling the switch allows the new entrant the ability to control customer information, bill new services and create new service offerings.

Unbundling the switch and or port connection when an ALEC is not providing its own switch is still necessary because it assures that the new entrant is paying only for the features and functions they desire.

When unbundling the switch and or port attention is needed to understand how the connection to 911 or E911, operator systems including directory assistance and access tandems will be accomplished.

Built into the scenarios just discussed are the collocation requirements for the ALEC's equipment that interconnects with the LEC at the LEC end office. Our position is that physical collocation provide an ALEC continual access to their own equipment and thus greater control when servicing their customer. Physical collocation will allow an ALEC the ability to perform continuous testing, limit maintenance and provisioning delays and implement new service offerings faster.

There is a strong possibility that with the introduction of new technology the unbundled components, as defined today, will be redefined. Our policy would be to assure that current rule making proceedings allow for updating technology, e.g., use the bona fide request procedures. We do not want to specify a technology, such as copper cables, to be unbundled and later find that the LEC is deploying fiber and not have the fiber available. Currently we are only addressing telephony or narrowband, but keep in mind that as more and more video dialtone platforms are deployed and ALEC would certainly want that loop technology made available to them.

VI DESCRIPTION OF BASIC NETWORK FUNCTIONS

Following is a discussion and brief discussion of each of the facility families, the BNFs in each and some functionalities of the family.

LOOP FACILITY FAMILY

The Loop facility family is composed of the following network elements: 1) loop distribution, b) loop concentrator, and c) loop feeder. These network elements provide the transmission paths connecting the end user's premises to the serving wire center, the End Office. See Attachment B for a complete description of each BNF, a diagram and scenario for use when offering a service. Over these paths customers gain access to , or egress from, LEC networks.

Loop Distribution is the transmission path between the network interface at an end user's premises and the Concentration and of Multiplexer.

Concentration and or Multiplexer is used to connect distribution loops to a high capacity loop feeder system. Today most loops employ copper pairs in the distribution and the loop feeder. In these cases the Concentrator or Multiplexer is merely a feeder and distribution interface (FDI).

Loop Feeder is the medium on which concentrated subscriber traffic is carried to the serving wire center.

A new entrant, in the early stage of deploying their network, must have the ability to purchase those portions of the loop that are economically prohibitive to provide and redundant in nature. That is why accessing the end user at the

concentrator or multiplexer and directing that customer line to the ALEC switch maybe the most prudent measure especially when you consider maintenance and testing. Interconnection points for the subloop components are feasible. A number of subloop interconnections are listed in either the BellCore documentation, *BOC Notes on the LEC Networks* or in other industry standards such as the American National Standard Institute (ANSI). Depending on the type of facility, e.g., fiber-optic cables, various gauges of copper cables, T1 -- carrier lines and radio, there are published technical standards to support interconnection. There is not just a single type of interconnection but there are many standard interconnections in the marketplace today depending on the type of facility and the need. Requesting a particular interconnect for a subloop element will be dependent upon the type of facility that is in place in a given jurisdiction. Also the Alliance for Telecommunications Industry Solutions (ATIS), has participants that represent a cross-section of the telecommunications industry, passes judgment/approval on certain of the standards approved and used.

END OFFICE FACILITY

The *End Office facility family* is composed of the local switching network element. This network element established the transmission path between individual loops in the same switching office and dedicated or common transport links to other offices. Functions of the switch include: a) dialtone b) digit analysis, c) routing, d) recording and e) signal generation to name a few. It should be noted at this point that there are Advanced Intelligent network (AIN) triggers, which we identify as a Basic Rate Elements (BREs), within the End Office switch that are desirable and necessary to offer differentiating services to the end user. The importance is having the ability to purchase the AIN triggers and direct it to their own database. The Service Control Point (SCP) is the database that the AIN triggers point to. The SCP contains the service handling data, i.e., subscriber specific service logic, and call processing functions as needed. Because AIN architecture is an entire peripheral platform that contains the

Service Creation Environment (SCE), which is a developmental environment for the creation of new services or the customization of existing services in a rapid and flexible manner. Also part of that structure is the Service Management Systems (SMS) which is a provisioning and administrative system that allows providers to administer the services as well as customize AIN services. Allowing an ALEC to direct the triggers to their own platform provides the ALEC with the flexibility needed to develop, create and implement services in a timely manner.

Interconnection to the end office switch either line side (loop) or trunk side (intercompany interconnection trunk or common transport) can be found using in the ANSI standards already established. Examples of end-office switching ANSI standards are 1) Analog Voicegrade Switched Access Lines using Loop-Start and Ground-Start Signaling (ANSI T1, 401-1993) (P) and 3) ISDN Basic Access Interface for S and T Reference points - Layer q Specification (ANSI T1, 605-1991) (P).

TRANSPORT FACILITY

The Transport facility family is composed of the following network elements: a) dedicated transport, b) common transport, and c) access tandem switching. Transport facilities provide the transmission path that connects local end offices and interexchange carrier points of presence to either a local end office switch or to a tandem switch. Remember the AIN triggers could be provisioned out of the access tandem depending on the LEC's network configuration.

Dedicated Transport is a full period, bandwidth-specific interoffice transmission path between End Office Switches or between End Office Switches and a Point of Presence. It transmits individual or multiplexed switched and special services traffic of a single carrier between switch points.

Common Transport is the temporary time-sensitive interoffice transmission path between End Office Switches and a tandem switching office. The traffic on this high capacity link is commingled to include multiple IXCs as well as LEC traffic. These links transmit concentrated or shared traffic between switches.

Tandem Switch is a switching facility that establishes a temporary transmission path between individual access channels in the same switching office, or between an access channel connection and a dedicated or common transport link in another office. Tandem switching is the switching between dedicated and common transport facilities.

Unbundling the BNFs in the transport family grouping allows for an ALEC who has either deployed its own switch or access tandem or a competitive access provider (CAP) who has deployed its own access tandem to utilize transport facilities between their facilities and the LEC's end office in order to complete interLATA calls to their end-users. Also, by having the transport components separated, the ALEC is not forced to buy switching functions when it has deployed its own. Keep in mind that the FCC has already unbundled dedicated transport in the Local Transport Restructure order. Also in the switched access arena, the tandem switch, dedicated transport and common transport are already unbundled, see Dockets 91-141 and 91-213. These same CAPs provide tandem switching and dedicated transport to the IXCs today for switched access services. These examples only provide additional information when explaining that the unbundled functions we are requesting for local service have been unbundled for access service, there has been no network failure and standard interconnection procedures do exist.

Interconnection standards for different types of digital transport are discussed in Bellcore's FR.-NWT-0004400. For example an ALEC providing its own transport facilities needing to cross connect to a DSXC-1 frame would use Bellcore document TR-NPL-000321. These examples represent only a few of the standards that currently are available for interconnecting the transport facility family BNFs. Specific standards can be determined once jurisdiction and

analysis of the network configuration have been completed. There are ANSI standards for analog transport trunks as well.

Co-carrier interconnection trunks are not BNFs but are worth mentioning because they provide the trunking between an ALEC and LEC end office switch. This facility can be jointly provisioned and carry either two-way or one-way traffic depending upon the arrangement reached between the parties. For an ALEC, this trunk group is a means of trunking its local traffic from its switch to that of the LEC for termination of the call. This trunk is used in the termination of traffic in the mutual compensation or bill and keep arrangement between the LEC and ALEC.

SIGNALING FACILITY FAMILY

The Signaling facility family is composed of the following network elements: a) signaling links, e.g., access links known as A Links, b) Signal Transfer Points (STP), c) Service Control Point (SCP). The Signaling facility family provides for the out-of-band signaling traffic between end offices or tandems that is required to transfer appropriate signals needed for service handling. There is service logic and customer specific information that is passed during each attempt to complete a call.

Signaling Link is the transmission facility in the signaling network that carries all out of band signaling traffic between end offices and STP, the tandem and STP and SCP and STP and between STPs.

Signal Transfer Point is the facility that provides the function of connecting signals.

Service Control Point is the node in the signaling network to which informational request for service handling is contained.

Unbundling of the signaling BNFs is necessary for the ALEC who has provided its own switch to gain access to the signaling between switches for the completion of their traffic. In addition SCP unbundling allows possibilities for an

ALEC to interconnect its own SCP to the LEC signaling network and create new and different services, control their customer information and to offer new intelligent network-based features quickly. It should be noted that the Independent Company carriers utilize ITN, an independent signaling network provider, to complete some of their traffic. Information on interconnection standards for the signaling network is contained in Bellcore's *BOC Notes on the LEC Network* and through various ANSI standards.

Also keep in mind that database dips occur today, i.e., the sending of a transaction capabilities application part (TCAP) message is used today to perform database dips. TCAP messages originate either at the end office or the access tandem, and are sent via a STP to the SCP to obtain the translation for an 800 number which was dialed. It should be noted that there are several databases today that are queried depending upon the type of call, e.g., 800, calling card validation databases. Today queries are made into the various LEC databases by ILECs on behalf of their customers. The queries that a new entrant would want to make would be no different. These queries would be additional rate elements and would be separate from the unbundled components of the signaling databases. The line identification database (LIDB) currently has open access for basic subscriber information needed for calling card validation. This database should be available to the new entrant as well.

ANCILLARY SERVICES

The *Ancillary Service facility family* is composed of operator systems. The operator systems provide assistance in processing calls. The assistance may be in the form of O+ or O- for special or public telephone calls or Directory Assistance for information services. See Attachment 5 for detailed descriptions and service scenario.

Operator Systems provides a number of live or mechanized operator assistance functions to aid customers in the following ways: providing information to a caller who dials numbers that have changed or been disconnected; providing assistance to customers in completing operator handled calls; checking busy lines to make sure the subscriber's line is not out of service; providing directory assistance services and interrupting busy lines in emergency call situations.

Unbundling of the operator services functions allows for an ALEC to provide these types of services directly to its end-users.

Information on interconnection standards for operator trunks and operator systems is contained in Bellcore's *BOC Notes on the LEC Network*. Examples are Operator Service Generic Requirements, FR-NWT-000271 or Operator Services Signaling Using Signaling System No. 7, TR-NWT-001277.

VII ADDITIONAL REQUIREMENTS

OPERATIONS SUPPORT SYSTEMS

The Operations Support Systems (OSSs) functions and features are also necessary for an ALEC to be able interconnect with in its quest to compete effectively with the incumbent carrier. These are not BNFs but more closely resemble basic rate elements (BREs) because they provide the support systems necessary to operate the local network. These OSSs include such things as administration, maintenance, provisioning, order entry, billing and testing. Other systems that the ALEC may need access to are service operations such as customer subscription, security, fault management and forecasting and capacity planning.

Developing the appropriate methods and procedures that allow full access and use of these support systems is almost as critical as obtaining the unbundled functions.

PRICING

Pricing for the unbundled network components should be based on Total Service Long Run Incremental Cost (TSLRIC) Studies. It is important that the prices established by the LEC for the unbundled elements, any support systems including customer operations functions be as close to cost as possible if an ALEC is to competitively price their service and thus compete with the LEC. Also, by using TSLRIC as the standard pricing mechanism, it assures that only those cost components necessary to create the services are used in the development of price. This assumes that cost studies are the basis for the current prices the LEC is charging. The cost components that should be

removed from the prices are those components associated with marketing, sales, billing, uncollectibles and some maintenance and provisioning.

Work within the industry groups may yield an interim pricing solution that could be used to establish prices for the unbundled components until such a time as the TSLRIC studies are completed and tariffed prices are established. One option is to apply a 28 to 35% discount to the LEC's current cost studies. This discount represents the avoidable cost that is estimated that the LEC would not incur as a result of selling to an ALEC, e.g., these costs are in the area of marketing, sales, billing, and collection. These costs are not eliminated totally but they should be lessened. There is data to support the 28% discount.

The LEC cost studies referenced would be those used to support current local service. It is hoped that these studies would identify loop, switching and signaling components as well as the associated overheads for the services. If this is available it could be a place to start, as the loop, switch and signaling are primary BNFs for an ALEC's local market entry.

VII HIGHLIGHTS

True competition in the local exchange market will exist when the end-user customer has a viable alternative local service provider for the local, intraLATA toll service.

Unbundling is successful when an ALEC can purchase only those components they desire at TSLRIC based prices.

Draft rules will provide the opportunity to support unbundling and interconnection, two conditions of AT&T's "Nine Conditions."

Use of the unbundling scenarios, and interconnection standards as identified in the Technical Witness handbook help explain in pictures what we have been saying.

Make use of the bona fide request option for additional unbundled elements, new technology offerings and physical interconnection arrangements.

Unbundling and interconnection apply only to the incumbent local carrier.

Use FCC orders as support for appropriate wording, arguments and procedures when ever possible.

Unbundling and interconnection is the obligation of a monopoly local exchange carrier.

Attachment A

NINE CONDITIONS OF COMPETITIVE MARKET

1. Elimination of franchise restrictions prohibiting local exchange service in competition with the franchised LEC.
2. Elimination of LEC control of conduits and rights of way so that potential competitors would be given access under the same costs, terms and conditions as the LEC
3. Implementation of telephone number portability among providers and elimination of exchange carrier control of the telephone numbering plan (including local number assignment) under which Bellcore maintains control of the North American Numbering Plan (NANP).
4. Unbundle the LEC network into a set of discrete network components that could if economically feasible be provided on a stand alone basis.
5. Permit comprehensive interconnection with unbundled components under equal conditions with the LEC.
6. Ensure efficiently based pricing rules such that Total Service Long Run Incremental Cost (TSLRIC) is employed in developing LEC prices.
7. Ensure that all network components are priced to all users including the LEC under non-discriminatory conditions (i.e., require imputation).
8. Removal of user restrictions and restriction on resale and other uses of the LEC services and unbundles components.
9. Provisioning of unbundled network components via open, publicly developed standards.

Attachment B

BASIC NETWORK FUNCTIONS (BNFs)

1. **LOOP DISTRIBUTION** is an individual drop to the customer's premise originating from the Subscriber Line Carrier pedestal or similar architecture, and terminating at the first point of termination on the customer's premise.
2. **LOOP CONCENTRATION/MULTIPLEXER** is a Subscriber Line Carrier (SLC) or similar equipment configuration at which individual subscriber traffic is multiplexed/demultiplexed and connected to loop distribution for termination at the customer's premise.
3. **LOOP FEEDER** is a medium on which multiplexed subscriber traffic is carried from the line side of the central office switch to the Loop Concentration facility.
4. **SWITCHING** is a facility which provides the functionality required to connect appropriate lines or trunks to and from a desired communications path. These functionality include such things as testing, translation, routing, signaling, recording, etc.
5. **OPERATOR SYSTEMS** are those systems that provide for the processing and recording of special toll calls, public telephone toll calls and other types of calls requiring operator assistance as well as Directory Assistance.
6. **DEDICATED TRANSPORT** is a communications channel (trunk) between two switching systems on which is commingled-mingled to include multiple IXCs as well as LEC traffic. These trunks originate at a End Office and terminate at a Tandem Switch
7. **COMMON TRANSPORT** is a communications channel (trunk) between two switching systems on which traffic is commingled-mingled to include multiple IXCs as well as LEC traffic. These trunks originate are a End Office and terminate at a Tandem Switch.
8. **TANDEM SWITCHING** is a facility which provides the function of connecting trunks to trunks for the purpose of completing inter-switch calls.

9. **SIGNALING LINKS** are transmission facilities in a signaling network which carry all out-of-band signaling traffic between the End Office and Signal Transfer point, the Tandem Switch and Signal Transfer Point, the Signal Transfer Point and Service Control Point, and Signal Transfer Point and Signal Transfer Point.
10. **SIGNAL TRANSFER POINT (STP)** is a facility which provides the function of connecting Signal Links in order to transfer appropriate signals from and between the various elements of the network, i.e., switch, AIN triggers, Links and Service Control Points.
11. **SERVICE CONTROL POINT (SCP)** is a node in the signaling network to which information request for service handling, e.g., routing, special features, are directed and processed. The SCP contains service logic and customer specific information required to process individual requests.

Attachment C

DRAFT RULES

Incumbent local exchange carriers (LECs) currently have monopoly or market power in the provision of local exchange and exchange access service, which requires substantial regulatory oversight to prevent anti-competitive conduct. In order to extend local exchange and access competition in light of the existence of such monopoly power, the PSC finds that it first must exercise its regulatory authority by reducing the barriers to competition. By establishing conditions and instituting safeguards designed to reduce barriers, the PSC intends to establish an environment in which local competition will have an opportunity to develop.

§ 1. Definitions.

Unless the context clearly indicates otherwise, the following words and terms have the following meaning:

1. **Basic Network Function (BNF)** means a discrete network function which is useful either as a stand-alone function or in combination with other functions and which can be individually provided, costed, priced and interconnected.
2. **"Bona Fide Request"** means a written request, delivered to an incumbent LEC by a competing LEC (or an entity awaiting a certificate to provide telecommunications service in the service area of the incumbent LEC) requesting that the incumbent LEC unbundle and provide interconnection with one or more identified BNFs or other identified non-BNF functionality.
3. **"Competing Local Exchange Carriers"** (competing LECs) means all certificated providers of local exchange telephone service, whether incumbent LECs or new entrants.
4. **"Incumbent Local Exchange Company"** (incumbent LEC) means a company providing local exchange telephone service in {STATE} pursuant to a certificate of public convenience and necessity.
5. **"New Entrant"** means an entity certificated to provide local exchange telephone service in {STATE}.

6. "Point of Interconnection" means the point of interface between competing LECs' networks. Interconnection can be achieved at different points of the network.
7. "Unbundling" means the identification and disaggregation of physical bottleneck components of the local exchange network into BNFs which can be individually provided, costed, priced, and interconnected in such a way as to provision all service offerings, including those offered by the incumbent LECs and new entrants. Unbundling of a BNF also includes access to and use of all features, capabilities and elements that are resident in the BNF and all associated operations support systems.

§ Unbundling of incumbent LEC networks and interconnection.

The commission recognizes that unbundling for resale of the incumbent LECs' networks and interconnection of local exchange networks between and among new entrants and incumbent LECs is necessary and vital to the development of competitive local exchange markets. The following requirements will apply:

1. The incumbent LECs shall provide unbundling of basic network functions and interconnection for all technically feasible points within their networks. The unbundled basic network functions shall include: 1) loop distribution, 2) loop concentration, 3) loop feeder, 4) switching, 5) operator services, 6) dedicated transport links, 7) common transport links, 8) tandem switching, 9) signaling link, 10) signaling transfer point and 11) service control point.

Unbundled operator services should include nondiscriminatory cost-based tariff elements for 911/E911 services, directory listings, directory distribution and collection, telephone relay services, directory assistance, operator services, and blocking of 900 and 976 services.

2. New entrants shall be able to interconnect with all unbundled basic network functions at any technically feasible point within the incumbent local exchange provider's network on a reasonable, cost-based tariffed basis. The access, use and interconnection of all basic network components shall be on terms and conditions identical to those the incumbent LEC provides to itself and its affiliates for the provision of exchange, exchange access, intraLATA toll and other incumbent LEC services.

3. Local exchange networks shall be interconnected so that customers of any LEC can seamlessly receive calls that originate on another LEC's network. The interconnection should include seamless integration of signaling and interoffice networks, at reasonable, non-discriminatory rates, including access to switches, databases, signaling systems and other facilities or information associated with originating and terminating communications or otherwise facilitating interoperability for any communication carried by the incumbent LEC.
4. Interconnection shall be accomplished in the most efficient manner possible; therefore, new entrants shall: 1) not be forced to interconnect with each incumbent LEC's end office but may aggregate traffic at the incumbent LEC's tandem, 2) be allowed to use the same trunk group for toll and local exchange service, and 3) use two-way trunks.
6. Interconnection arrangements pursuant to the virtual or physical collocation tariffs of the incumbent LECs filed with the FCC shall be implemented if a bona fide request therefore is made by a new entrant, but there shall not otherwise be a mandatory form of new entrant-incumbent LEC interconnection.
8. Additional unbundling and the interconnection arrangements shall make available the features, functions, interface points, and other service elements on request by a new entrant. The Commission may, on petition by any interconnecting party, determine the reasonableness of any interconnection request after the parties have failed to reach an agreement.
9. Additional interconnection arrangements must be made available within 90 days of a bona fide written request. No refusal or unreasonable delay will be allowed.

SCENARIOS SUPPORT

- **ALTERNATIVE ACCESS SUPPLY**
 - **SCENARIOS 1, 2, 3, & 4**

- **LEC SERVICES RESALE**
 - **SCENARIO 5**

- **LOOP RESALE - WHICH MAY INCLUDE SOME AT&T LOOP TO END USER CUSTOMERS**
 - **SCENARIOS 6, 7, 8 & 9**

- **FUTURE - SUB-LOOP UNBUNDLING**
 - **SCENARIO 10**

BNF Unbundling Scenario 1

Scenario 1 depicts a basic interLATA call originating at the LEC switch and being delivered via a dedicated transport to a receiving IXC POP.

Customer A goes off hook, a change in the electrical impulse is detected and digit analysis is performed by the switch.

A trunk is seized, MF signaling is exchanged and the call is routed for delivery.

Needed in this scenario are the following items: 1) an interconnection at the LEC switch for the Dedicated Transport(6) owned by a CAP.

BNF Unbundling Scenario 2

Scenario 2 depicts a basic interLATA call originating at the LEC switch that uses out of band signaling.

Customer A goes off hook, a change in the electrical impulse is detected, digit analysis is performed by the originating switch and a trunk is reserved to route the call.

Based on the digit analysis the reserved trunk is an IXC leased trunk on the CAP's dedicated trunk group.

ISDN User Part (ISUP) signaling is used to send the Initial Address Message (IAM) via an A Link to the LEC Signal Transfer Point (STP) which in turn passes the ISUP signal via the IXC STP to the IXC POP.

The ISUP acknowledgment message is returned to the LEC switch.

The call is delivered to the IXC POP via the leased trunk on the CAP's dedicated transport trunk group.

Needed in this scenario are the following items: 1) interconnection at the LEC switch for the CAP's dedicated transport, and 2) terms and conditions for collocation of the Dedicated Transport.

BNF Unbundling Scenario 3

Scenario 3 depicts an interLATA calls being delivered to two separate LEC customers from an IXC via a LEC Access Tandem that serves multiple end offices.

The LEC has two methods for delivering interLATA calls. The LEC could deliver a call either by common transport with MF signaling or common transport using SS7 signaling.

In both situations the IXC has purchased Dedicated Transport from a CAP to the LEC's Access Tandem switch.

An interLATA call is placed to LEC Customer A using out of band signaling, SS7 network.

The incoming dialed digits from the IXC is sent to the LEC's Access Tandem via leased trunks on a CAP's Dedicated Transport.

Because of the configuration of the subtending LEC end office all trunks to this office from the LEC Access Tandem require out of band signaling.

A common transport trunk is seized.

ISUP signaling is passed to the LEC switch using A Links via the LEC STP.

An ISUP acknowledgment message is returned to the LEC Access Tandem.

The call is delivered to the LEC end office for Customer A.

In the case of the interLATA call going to LEC Customer B the following takes place:

The IXC delivers the dialed digits to the LEC Access Tandem via leased trunks on a CAP's Dedicated Transport.

The tandem analyzes the dialed digits and seizes a common transport trunk.

Because of the configuration of the subtending end office all trunks from the Access Tandem to this end office are equipped with in band signaling.

MF signaling is exchanged, i.e., originating messages and acknowledgments.

The call is deliver to LEC end office for Customer B via Common Transport.

Needed in this scenario are the following items: 1) interconnection of the CAP's Dedicated Transport at the LEC's Access Tandem, and 2) collocation agreement for the interconnection

BNF Unbundling Scenario 4

Scenario 4 depicts interLATA calls being delivered to two separate LEC Customers from an IXC via a CAP's Access Tandem that serves multiple end offices.

The CAP has two methods for delivering interLATA calls. A CAP could deliver a call either by common transport with MF signaling or common transport using SS7 signaling.

In both situations the IXC has leased trunks on the Dedicated Transport trunk group to the CAP's Access Tandem switch.

An interLATA call is placed to LEC Customer A by using out of band signaling, i.e., the SS7 network.

The incoming data from the IXC is sent to the CAP's Access Tandem.

The configuration of the subtending LEC end office requires out of band signaling, therefore all of the CAP's trunks from the Access Tandem to this end office will require out of band signaling.

The CAP seizes a trunk based on dial digits transmitted to it from the IXC.

ISUP signaling is used to send the IAM to the LEC switch via the LEC STP.

The ISUP acknowledgment message is returned to the Access Tandem alerting it that it's OK to continue and route the call.

The call is delivered to the LEC end office for final delivery to Customer A.

In the case of the interLATA call going to LEC Customer B the following takes place:

The interLATA call comes into the Access Tandem, via a Dedicated Transport.

The CAP seizes a trunk that is equipped with in band signaling because of the configuration of this subtending end office.

The MF signaling is exchanged, i.e., IAM and acknowledgment messages.

The call is delivered to LEC end office for Customer B.

Needed in this scenario are the following items: 1) interconnection at the two LEC switches for the Common Transport connection to the CAP Access Tandem, 2) interconnection for the A Link at the CAP Access Tandem, and 3) collocation agreements for interconnections at the LEC switches.

BNF Unbundling Scenario 5

Scenario 5 depicts an alternative operator service being provided to customers who have purchased resold local service from an ALEC.

ALEC Customer A places an operator assisted call to an ALEC operator.

Customer A goes off hook, a change in the electrical impulse is detected and digit analysis is performed by the LEC switch. In this case those digits are "411" or "0" for operator assistance.

The LEC switch seizes an ALEC operator trunk and routes the call.

Needed in this scenario are the following items: 1) Switch triggers that identify the customer and the operator of choice, 2) interconnection for the ALEC operator trunk group and 3) collocation arrangements for the operator trunk group.

BNF UNBUNDLING SCENARIO 6

Scenario 6 depicts an ALEC who is providing local service within a LEC serving area. ALEC Customer B places a call to LEC Customer A.

Customer B goes off hook, the ALEC switch detects a change in the electrical signal and digit analysis is performed by the ALEC switch.

The ALEC switch seizes a trunk for the pending call.

ISUP signaling carrying the IAM is passed by the ALEC switch to the LEC switch via the LEC STP using A Links.

The ISUP acknowledgment message is returned indicating that the path is established and ready.

The ALEC delivers the call via an inter-company interconnection trunk to the LEC switch.

Needed in this scenario are the following items: 1) interconnection for the inter-company interconnection trunk at the LEC switch, 2) interconnection at the ALEC switch for the A Link from/to the LEC STP, 3) unbundling of STP and A Links in order for the ALEC to provide Local service and 4) terms and conditions for collocation.

BNF Unbundling Scenario 7

Scenario 7 depicts an ALEC who offers end to end service. ALEC Customer B dials an IXC 800#.

Customer B goes off hook, the ALEC switch detects a change in the electrical impulse and digit analysis is performed by the ALEC switch.

In the switch the NPA, 800, is analyzed by the Service Switching Point, (SSP) and determines that a database query is needed in order to complete this call.

A Transaction Capability Application Part (TCAP) signaling is passed to the LEC Service Control Point (SCP) via the LEC STP requesting routing information.

The SCP identifies the carrier through the Carrier Information Code, CIC, and responds via TCAP to the ALEC switch.

The ALEC switch selects an IXC trunk via the dedicated transport trunk group based on the information returned.

The IXC routes the data to its STP/NCP for POTS translation and service features.

Assumed in this scenario are the following: a) IXC has removed all direct connect trunks to LEC end office switch which serves Customer A and b) the translated POTS number is a LEC customer.

The IXC sends the translated POTS number back to the ALEC for routing of the call.

The ALEC switch analyzes the digits sent and seizes an inter-company interconnection trunk connecting it to the LEC switch.

ISUP signaling using A Links is passed to the LEC switch via the LEC STP.

ISUP acknowledgment message is returned to the ALEC switch.

The ALEC delivers the call via an Inter-company Interconnection trunk group to the LEC.

Needed in this scenario are the following items: 1) Interconnection for the A Link at the ALEC switch, 2) Interconnection of the inter-office Interconnect trunk group at the LEC switch, 3) Unbundled A Links, STP and SCP network elements and 4) Dedicated Transport between IXC and ALEC switch.

UNBUNDLING SCENARIO 8

Scenario 8 depicts an ALEC Customer A calling a LEC Customer B

Customer A goes off hook a change in the electrical impulse is detected and the digit analysis is performed by the ALEC switch.

An Inter-company interconnection trunk is seized.

ISUP signaling is passed to the LEC switch via the LEC STP from the ALEC switch.

An ISUP acknowledgment message is returned to the originating ALEC switch informing everything is set-up.

The ALEC switch then delivers the call to the LEC end office via the Inter-company Interconnection trunk..

Needed in this scenario are the following items 1)interconnection in the LEC office to pick up the loop on the MDF so that the incoming call from customer A can be transported to the ALEC switch for its dial tone, 2) trunking capabilities between the MDF frames of both the ALEC and the LEC, 3)interconnection of the inter-company interconnection trunk, 4)interconnection of the A Link at the ALEC switch and 5) terms and conditions.

UNBUNDLING SCENARIO 9

Scenario 9 depicts a call placed by an ALEC Customer A that requires a database query.

ALEC customer A goes off hook a change in the electrical signal is detected and the digits analysis is performed by the ALEC switch. A routing trigger launches a database query via the SSP software.

The TCAP signaling is passed to the IXC LNP via the LEC STP

The query is for the Carrier Information Code, CIC, and location of the appropriated end office.

The TCAP signaling is returned to the ALEC switch.

The ALEC switch recognizes the CIC and end office as the LEC end office switch and seizes an inter-company interconnection trunk.

ISUP signaling with the IAM is passed to the LEC switch via the LEC STP.

An ISUP acknowledgment message is returned to the originating ALEC switch.

The ALEC then delivers the message to the LEC via inter-company interconnection trunk for completion.

Needed in this scenario are the following items: 1) an interconnection at the ALEC switch for the A Link, 2) inter-company interconnection trunk group and 3) terms and conditions

BNF Unbundling Scenario 10

Scenario 10 depicts an ALEC who provides local service to both a customer who reside in a multi-unit building and to a single residence customer. ALEC Customer B, a single residence customer, calls ALEC Customer A who resides in a multi unit building.

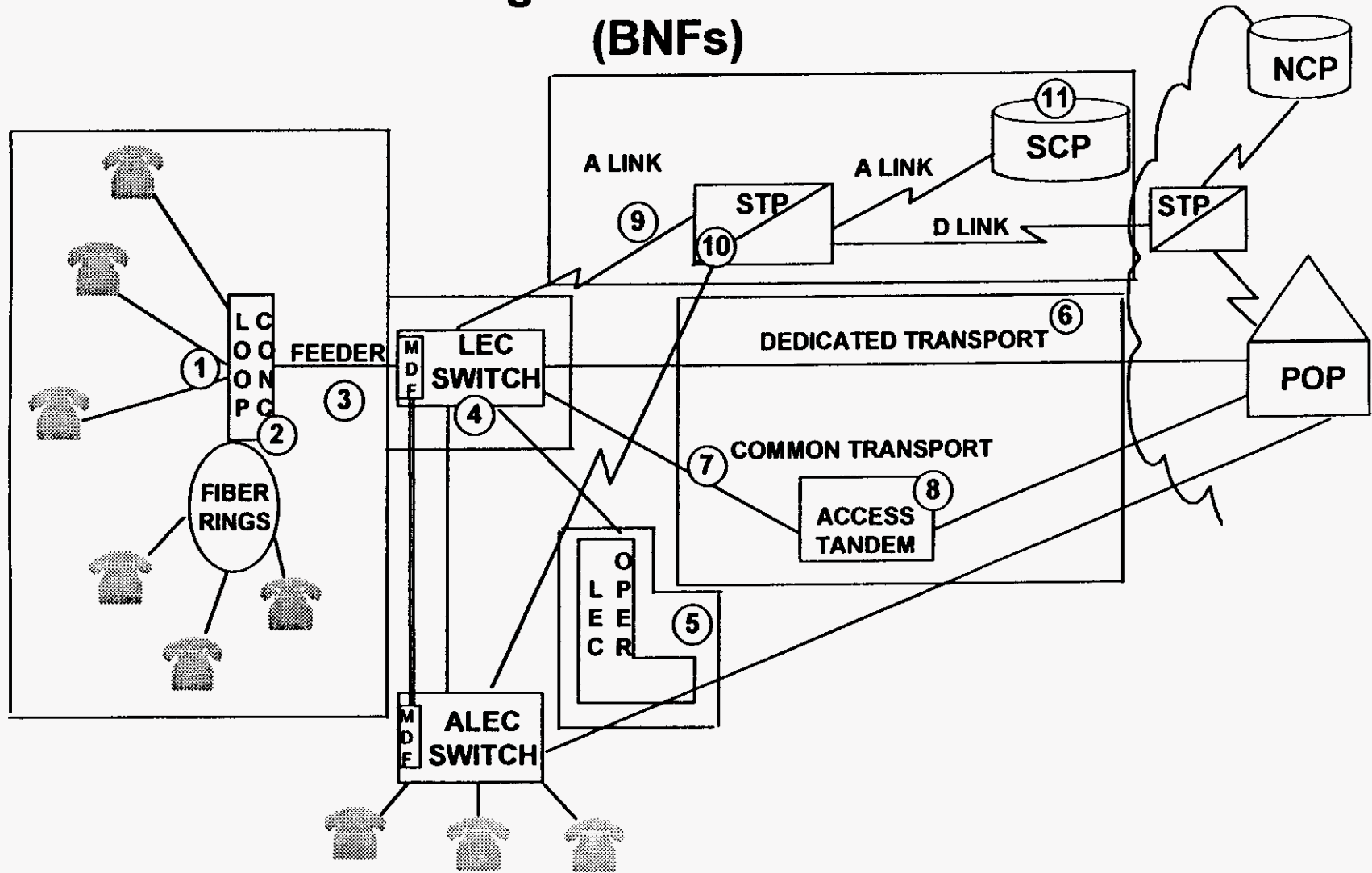
Customer B goes off hook, a change in the electrical impulse is detected by the ALEC switch and digit analysis is performed by the ALEC switch.

The process thus far is via an ALEC ring using MF signaling.

The ALEC switch seizes a trunk on the ring and completes the call to Customer A.

Needed in this scenario are the following items: 1) Unbundled Loop Distribution, Loop Concentrator separated from the Loop Feeder, 2) Interconnection point at the LEC's Loop Concentrator for connection of the ALEC Ring and 3) term and conditions.

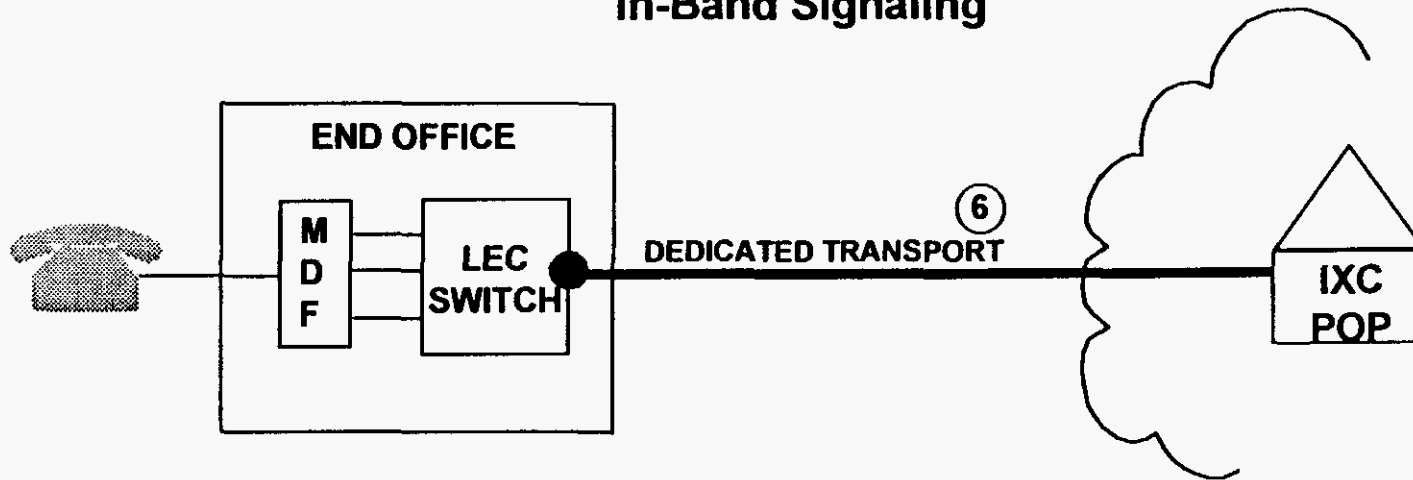
Local Exchange Basic Network Functions (BNFs)



200175

BNF Unbundling Scenario 1

Switched Access via CAP Dedicated Transport In-Band Signaling



- Point of Interconnection
- Non-LEC Facility

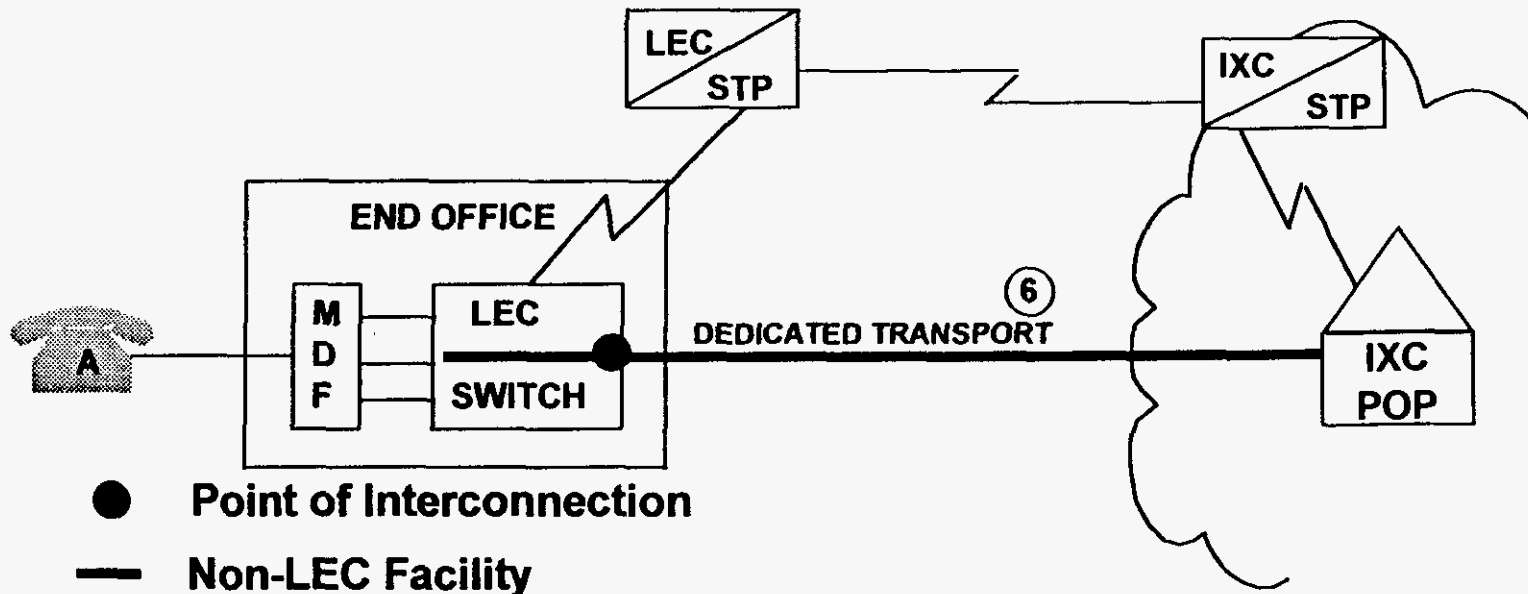
- Requires Interconnection Between Carriers
- Requires LEC Tariff Changes to Unbundle Transport From FG D Access
- Requires Some Form of Collocation; Terms & Conditions
- No SS7 Signaling Required

200176

a:\joyoe\charts2.ppt

BNF Unbundling Scenario 2

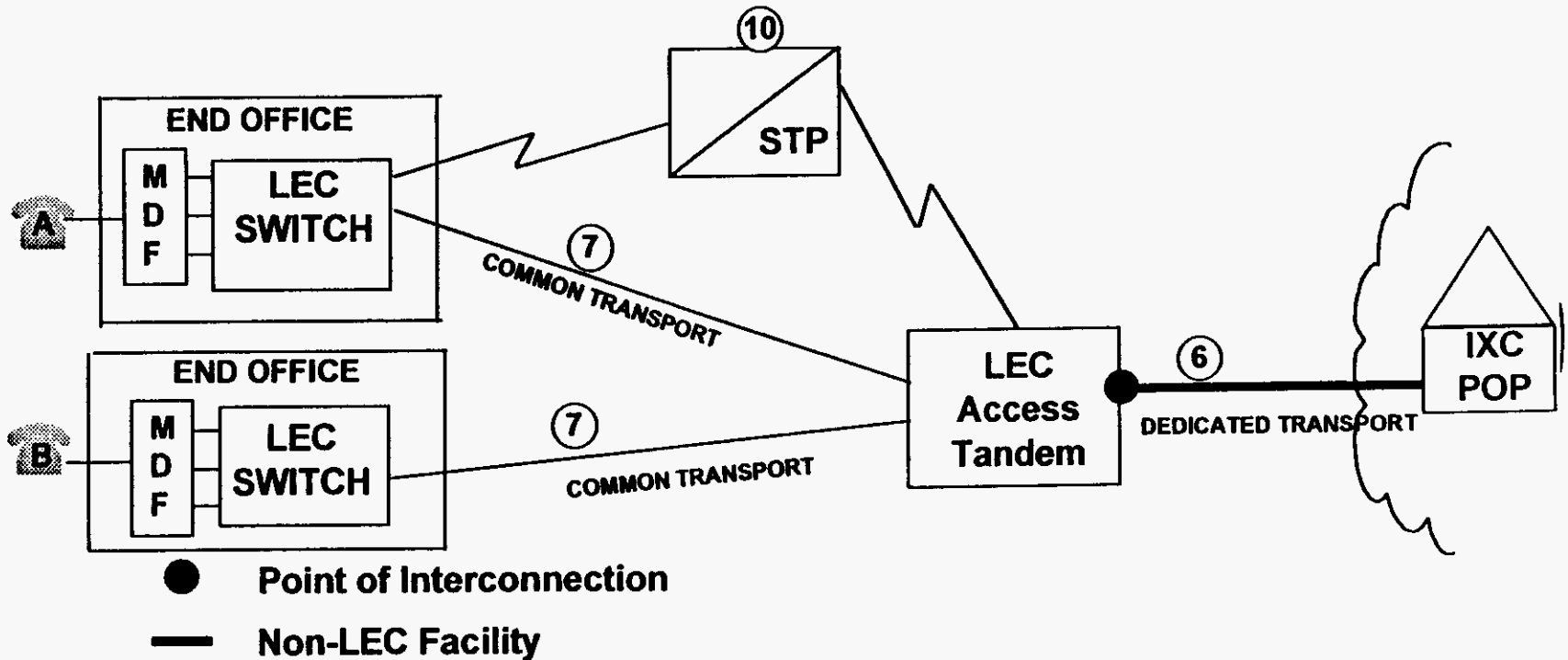
Switched Access via Dedicated Transport Out-of-Band Signaling



- Requires Interconnection Between Carriers
- Requires LEC Tariff Changes to Unbundle Transport From FG D Access
- Requires Some Form of Collocation; Terms & Conditions
- Signaling Was Not Unbundled But Needed To Complete Call

BNF Unbundling Scenario 3

Switched Access via LEC Dedicated Access with SS7 Signaling

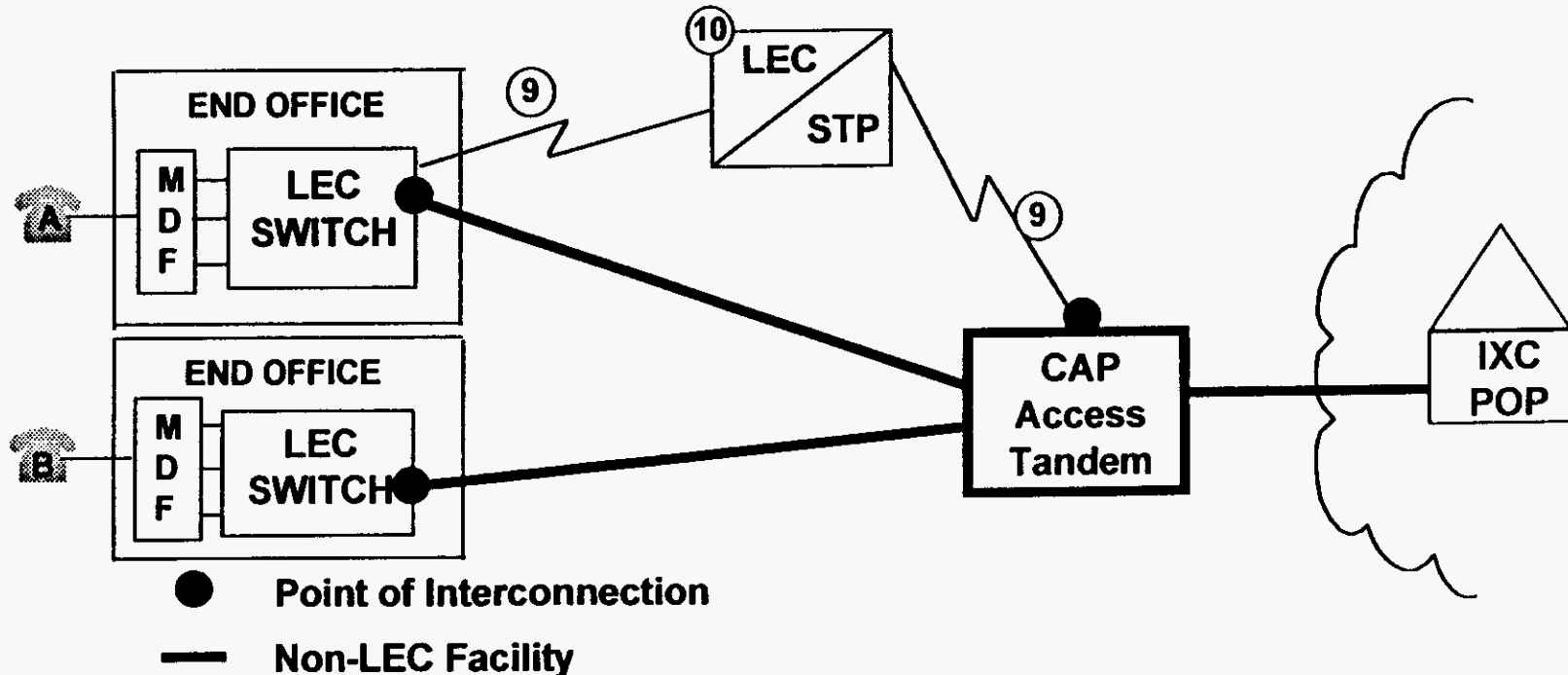


- Requires Interconnection of Dedicated Transport at LEC Access Tandem

200178

BNF Unbundling Scenario 4

Switched Access via CAP Dedicated Access With SS7 Signaling Between CAP and LEC



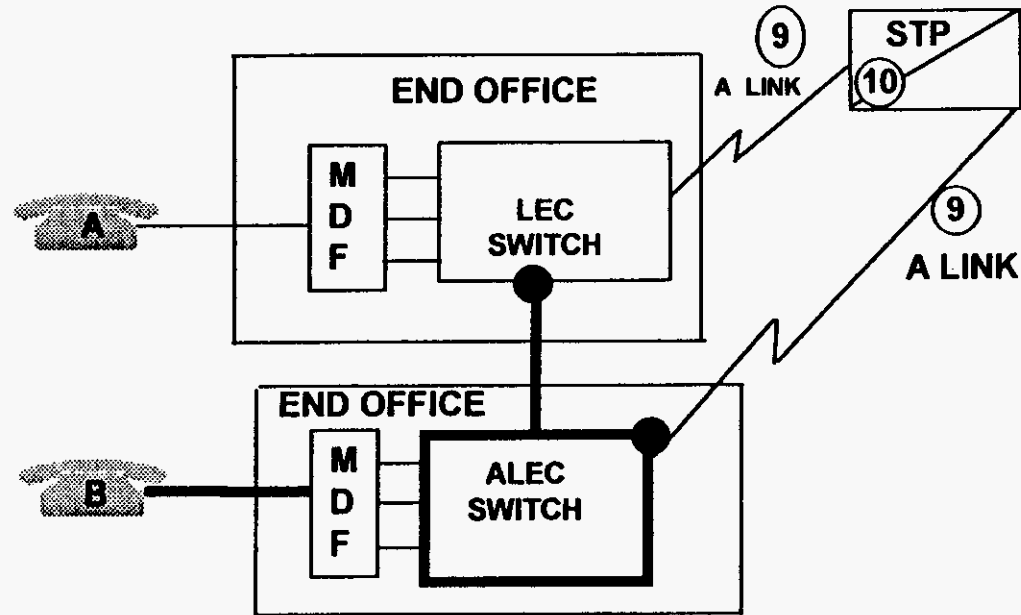
- Requires Interconnection of LEC Signaling Link to CAP AT
- Requires Unbundling of Signaling From FG D Switch (permits CAP to select alternative vendor for signaling)
- LEC Signaling BNFs Are Still Bundled

200179

a:\joyce\charts2.ppt

BNF Unbundling Scenario 6

ALEC Customer Dials LEC Customer

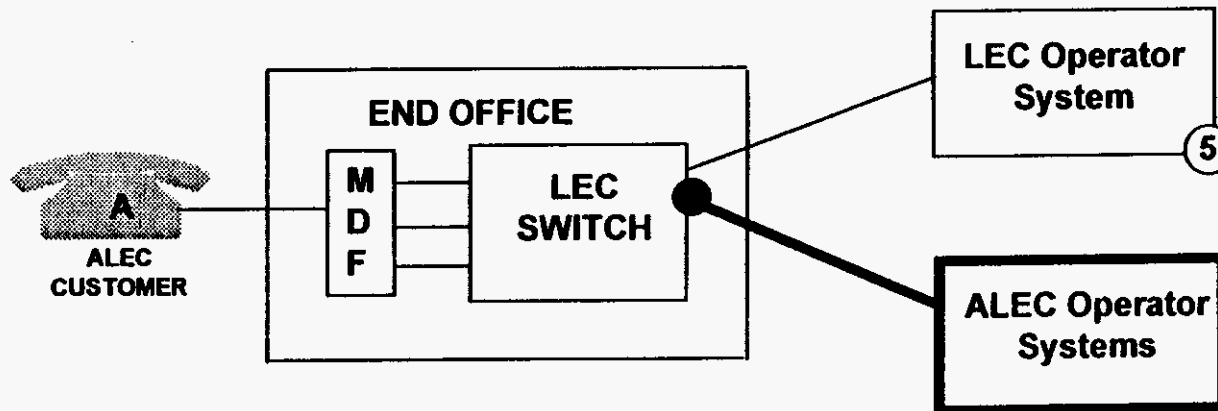


- Point of Interconnection
- Non-LEC Facilities

- ALEC Needs to Buy A Links and STP Port From the LEC. Signaling BNFs Offered Separately by LEC.
- Signaling Required for Local and IntraLATA Toll Service.
- Need Interconnection Agreement to Terminate Exchange Traffic.
- Agreement May Cover Use of Unbundled Signaling BNFs.

BNF Unbundling Scenario 5

Competitive Operator Services



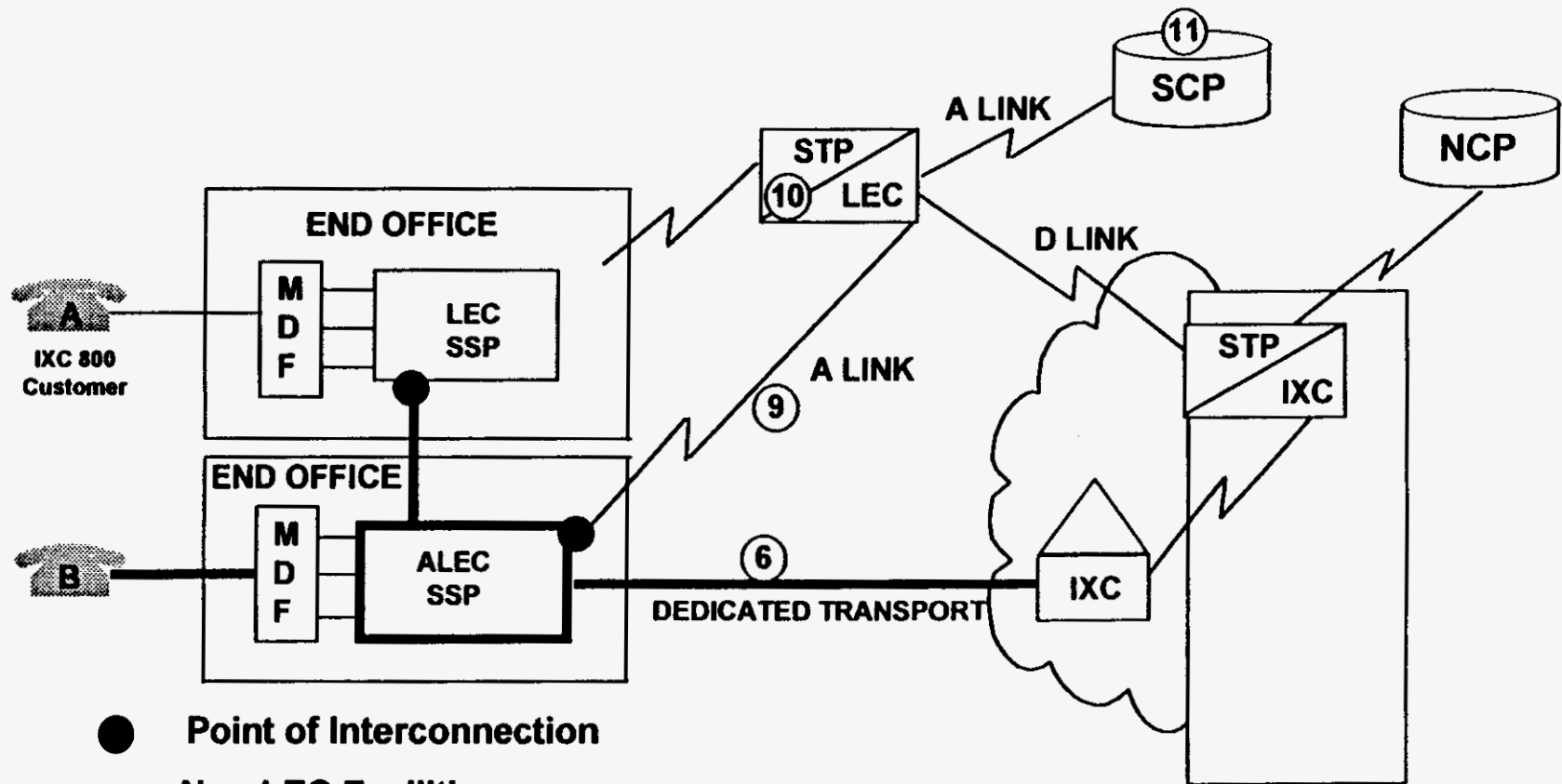
● Point of Interconnection

— Non-LEC Facilities

- Local Service is Resold by ALEC with Operator Services Provided Competitively
- ALEC Customers Must Have Option to Reach ALEC Operator
- Need LEC Switch to Differentiate 0+, 0- Calls by Local Provider

BNF Unbundling 7

ALEC Customer Dials 800# Where IXC is CIC



● Point of Interconnection

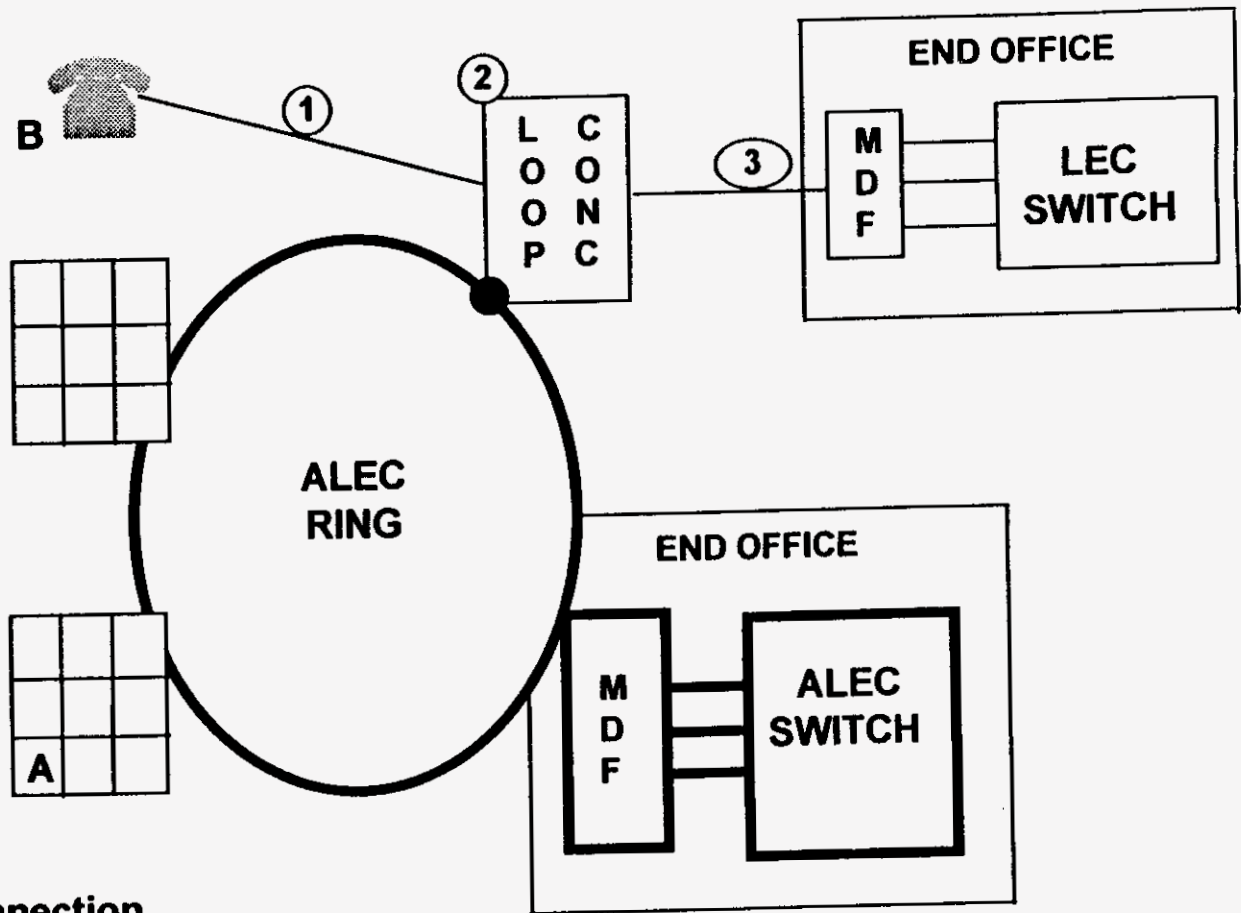
— Non-LEC Facilities

- ALEC Needs to Buy A Link, STP Port and SCP Query to Route 800 Number
- Interconnection and Compensation Agreement For InterLATA Terminating Calls Will be Different Than Local & IntraLATA Toll Calls -- Initially

200182

BNF Unbundling Scenario 10

ALEC Customer B Calls ALEC Customer in Multi Dwelling Unit



● Point of Interconnection

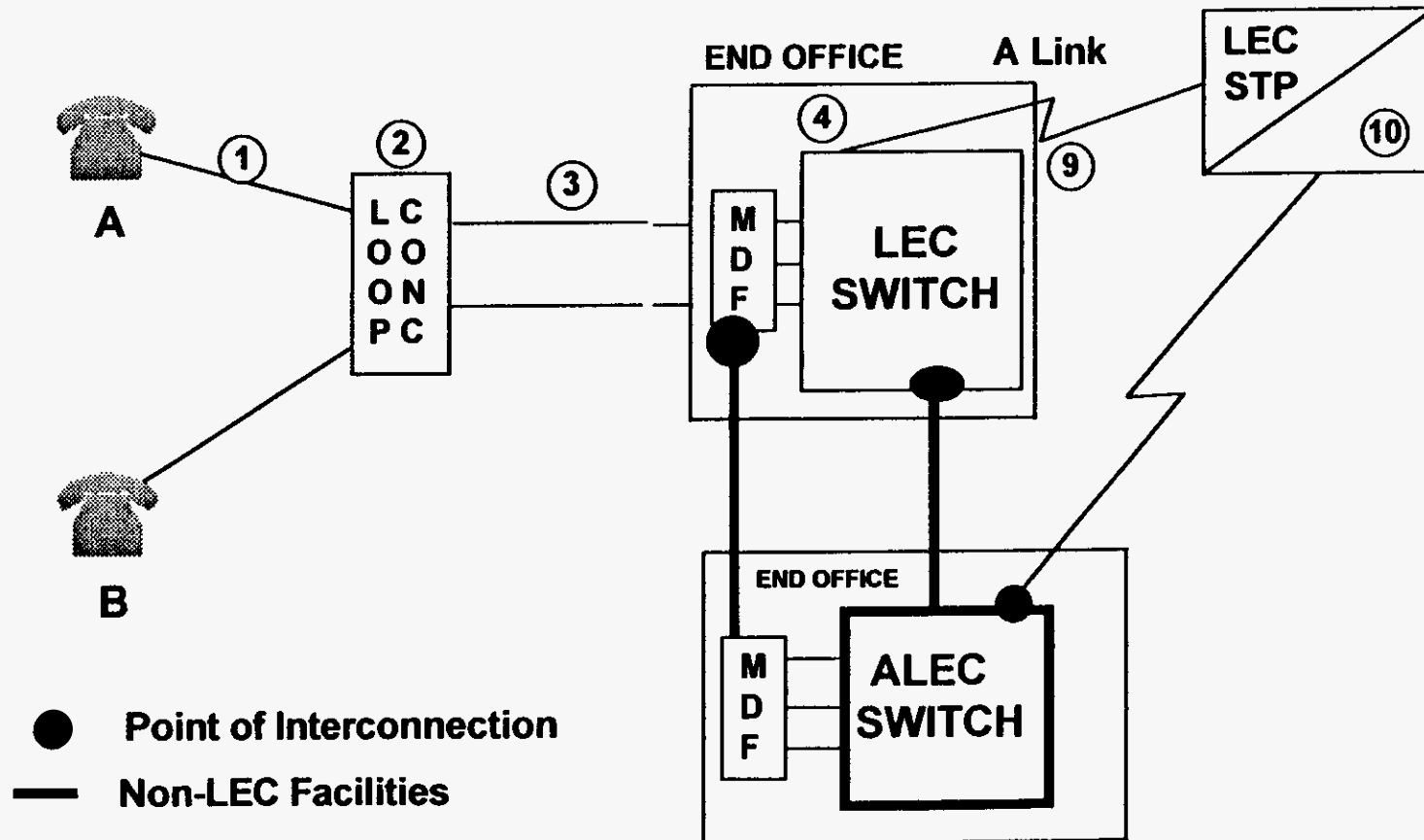
— Non-LEC Facilities

- Requires Sub-Loop Unbundling; ALEC Purchases 1 & 2

200183

BNF Unbundling Scenario 8

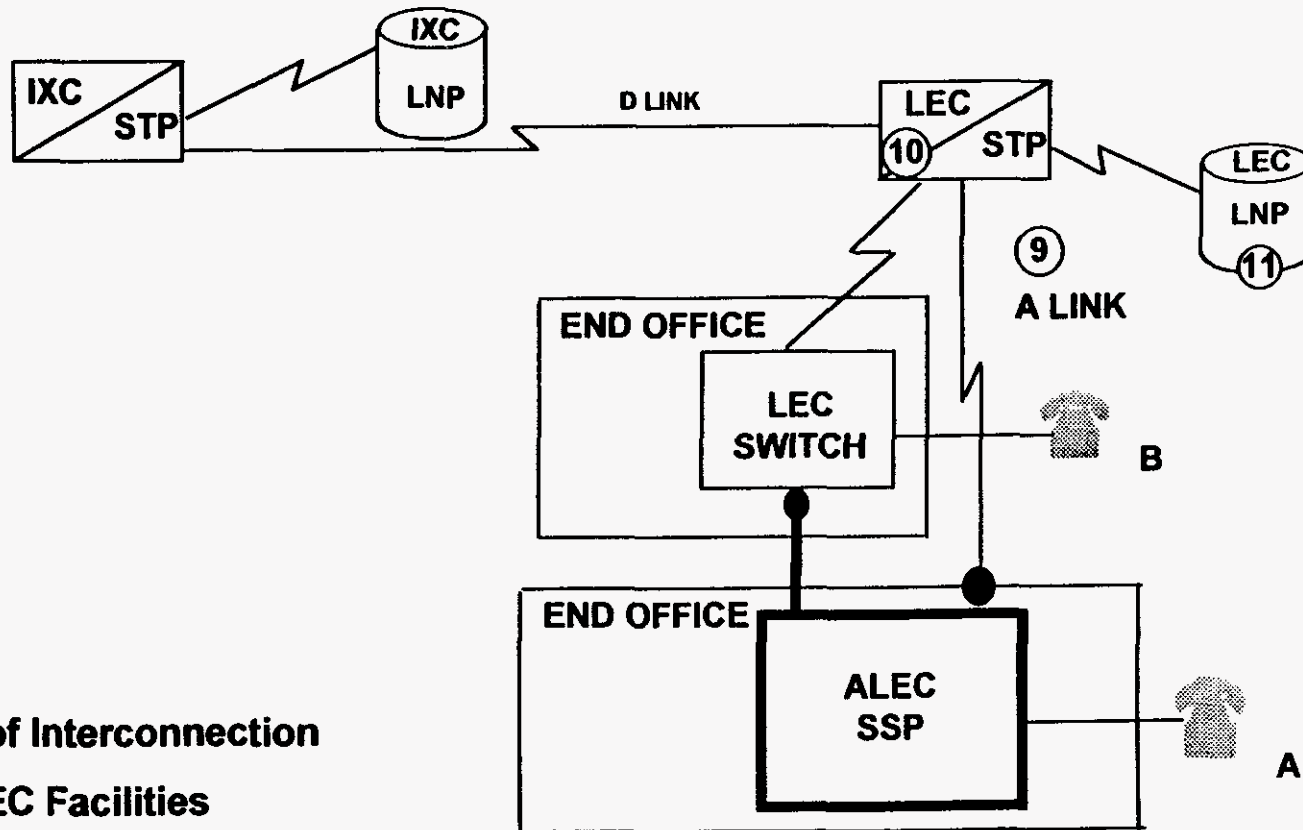
ALEC Customer (A) Calls LEC Customer (B)



200184

BNF Unbundling Scenario 9

LNP Database Look-up



- Point of Interconnection
- Non-LEC Facilities

Switch Triggers Needed to Recognize LNP Database

ALEC Customer A Calls LEC Customer B

ALEC Dips IXC LNP Database

200185

October 13, 1995

P. Nelson

Pam:

During our meeting last Friday, I took the action item of researching BCS' s bill interface requirements. I have attached the Billing section of two BCS documents that cover this area:

- 1.) The Local Service Marketing Service Description produced 5/6/95 and
- 2.) The Nationwide ETE Marketing Services Description produced 8/7/95.

I believe they address the BCS view of bill interface requirements.

Donna

Donna Hassebrock

cc: Michelle Augier
Bob Cavallo
Mario Martinez

298
200186

NATIONWIDE ETE



END - TO - END
NATIONWIDE
MARKETING SERVICES DESCRIPTION

DRAFT

ETE MSD TEAM:

R. Hurwitz
J. D'Angelo
A. Cohen
S. Murphy
D. Stock
B. Ragette

August 7, 1995
Version 2.0

AT&T Proprietary (Restricted)
Solely for the authorized persons having a need to know
pursuant to Company instructions

1
200187



TABLE OF CONTENTS

1.0 INTRODUCTION 1

1.1 LEGAL/REGULATORY ENVIRONMENT 1

2.0 MARKET SIZE AND OPPORTUNITY 4

3.0 COMPETITION 5

3.1 RBOCS/LOCAL EXCHANGE CARRIERS (LECs): 5

3.2 MCIMETRO PROFILE: 6

3.3 SPRINT: 9

3.4 GTE: 10

3.5 MFS: 11

4.0 MARKET NEED/CUSTOMER REQUIREMENTS 12

5.0 OFFER STRATEGY 13

5.1 DEPLOYMENT ARCHITECTURE: 14

5.2 VALUE PROPOSITION 15

5.3 TARGET MARKET 16

6.0 END-TO-END OFFER DESCRIPTION 16

6.1 PERFORMANCE GUARANTEES: (JANUARY '96)..... 17

6.2 AFFINITY PROGRAMS*: (JANUARY '96) 17

6.3 PCP (POSITIVE CALL PROCESSING) BASED NETWORK FEATURES*: (APRIL '96) 18

6.4 LOCAL OBJECT FEATURES*: (JANUARY '96)..... 18

6.5 WIRELESS SERVICE: 22

6.6 INTRALATA*: (ALL PHASES)..... 23

6.7 800 SERVICE (JANUARY '96)..... 24

6.8 ALTERNATIVE WORKPLACE SOLUTIONS (JANUARY '96): 24

6.9 VOICE MAIL (BUSINESS MESSAGING) 25

6.10 EASYLINK: 26

6.11 VALUE PACKAGES/BUNDLES: (ALL PHASES)..... 26

6.12 VIDEO*: 27

6.13 THREE IN ONE CARD: 27

6.14 SMART CARD: (OCTOBER '96)..... 28

6.15 ISDN*: (APRIL '96)..... 28

6.16 ELECTRONIC INFORMATION EXCHANGE/COMMERCE SERVICES: (APRIL-OCT. '96) 29

7.0 PRICING 30

7.1 PRICING STRATEGY: 30

7.2 LOCAL OBJECT PRICING STRUCTURE: 31

8.0 CUSTOMER CARE 35

8.1 PROVISIONING (JANUARY '96) 36

8.2 MAINTENANCE (JANUARY '96)..... 38

8.3 ACCOUNT MAINTENANCE (JANUARY '96): 40

8.4 ACCOUNT INQUIRY (JANUARY '96): 40

9.0 BILLING 42

9.1 FEATURES/OPTIONS TO SUPPORT (JANUARY '96): 43

NATIONWIDE ETE



9.2 LOCAL CALL DETAIL: (JANUARY '96).....44

9.3 UNRATED CALL DETAIL: (JANUARY '96).....45

9.4 BILL MEDIA (JANUARY '96):.....45

9.5 BILL FORMAT46

9.6 BILL PERIODS AND PAYMENTS (JANUARY '96):46

9.7 BILL PAYMENT (JANUARY '96):46

9.8 DEPOSITS: (ALL PHASES).....46

9.9 COLLECTIONS AND SERVICE TERMINATIONS: (JANUARY '96).....47

9.10 BILL PRODUCTION.....49

9.11 BILL RATE INQUIRY49

10.0 DISTRIBUTION STRATEGY49

10.1 CHANNEL DESIGN: (JANUARY '96)49

10.2 CHANNEL TRAINING: (JANUARY '96).....50

10.3 COMPENSATION: (JANUARY '96).....51

10.4 SALES AND MARKETING SUPPORT: (JANUARY '96).....51

11.0 MARKETING PLAN: (ALL PHASES).....51

11.1 MESSAGE STRATEGY51

11.2 PUBLIC RELATIONS51

11.3 EMPLOYEE COMMUNICATIONS.....52

12.0 JOURNALIZATION AND TRACKING: (JANUARY '96).....52

12.1 SALES RESULTS TRACKING:52

12.2 FINANCIAL TRACKING.....52

12.3 PROFIT-BY-ASSOCIATION TRACKING53

13.0 TARIFF PLAN.....53

APPENDIX A: STAKEHOLDERS.....55

APPENDIX B: FEATURE/FUNCTIONALITY AVAILABILITY.....56

APPENDIX C: LINE TYPES.....59

APPENDIX D: BASIC FEATURES60

APPENDIX E: DIRECTORY ASSISTANCE SERVICES.....64

APPENDIX F: OPERATOR ASSISTANCE SERVICES.....65

APPENDIX G: DIRECTORY LISTING SERVICES.....66

APPENDIX H: BILLING OPTIONS.....67

APPENDIX I: MAINTENANCE SERVICES.....68

APPENDIX J: MILEAGE SENSITIVE SERVICES.....69

APPENDIX K: FUNCTIONALITY TO BE EXAMINED FURTHER70

APPENDIX L: I/A PRESUB. SCHEDULE.....71

NATIONWIDE ETE



APPENDIX M: FEATURE PRICING.....72

August 7, 1995
Version 2.0

AT&T Proprietary (Restricted)
Solely for the authorized persons having a need to know
pursuant to Company instructions

3

200190

NATIONWIDE ETE



Regulated and non-regulated credits need to be tracked separately. Inquiry centers are also to report on types of problems referred by customers and AEs.

Availability:

The Account Inquiry function should be available to customers between the hours of **8:00 AM and 7:00 PM local time Monday - Friday.**

DMOQs:

DMOQ	MASS	SMALL	MIDDLE	GLOBAL
Call Receipt: Queue Time	<20 Seconds	<20 Seconds	<20 Seconds	<20 Seconds
Customer Status frequency	4 hrs	4 hrs	4 hrs	4 hrs
Inquiry Resolution	95% on first call	95% on first call	95% on first call	95% on first call
Adjustment Cycle Time	95% on first bill	95% on first bill	95% on first bill	95% on first bill

Reports should be created to track the performance of the DMOQs. Details will be worked out at a later date.

9.0 BILLING

In addition to Customer Care, another differentiator will be billing. We will provide customer a single bill that incorporates local, intraLATA, and interLATA calling; as well as multiple location billing. This integrated, end-to-end bill will be incorporated as part of the customer's current AT&T LD calling plan (e.g. CustomNet, Uniplan, etc.) Customers will receive call detail for their tolls calls and call summary for each of their local service call types (i.e. Directory Assistance, Operator services, etc.). Information will be summarized by number of calls/messages, length of calls (as appropriate) and related total. Local call/feature billing detail will be available if requested by a customer.

In a resale environment, the reseller will record the customers local usage and forward it unrated electronically to AT&T. The local usage information will be rated and combined with the AT&T long distance bill. A single remittance page will be generated which shows the total amount owed. AT&T will reformat the information as necessary and combine the local and long distance bill information into a single bill with a single remittance page.



9.1 Features/Options To Support (January '96):

Billing needs to support all of the local elements of the end-to-end offer as defined in Appendix B, in addition to any geographic deviations as described in the individual geographical specific MSD addendums. The biller is required to be prepared to allow for the following types of charges:

- Non-Recurring
- Monthly Recurring
- Usage Sensitive
- Promotional Discounts and/or waiver of charges

Multiple-Location Billing Features

- **Multi-location Billing (MLB)**
MLB provides a customer's "remote" locations with their own individual bill remittance document, call detail, and billing detail. The "headquarters" location will have the option of receiving copies of each of their locations' call or billing detail. Usage from all locations are aggregated with the aggregated usage discount being applied to each location's bill remittance.
- **Summary Billing or Consolidated Billing**
This billing option provided a single remittance bill for all locations. This single remittance is typically provided to the "headquarters" location. The headquarters' location also receives billing detail for all locations and should be given the option of receiving individual location call detail. Additionally, each location should be given the option of receiving their individual billing and call detail (but not individual bill remittance).

Discounts

The following type of discounts must be supported:

- **Profit-by-Association (Description in Section 6.2: Affinity Programs)**
- **Flat Discount on Local-**
Customers will receive the same discount on their local usage (a flat discount) regardless of their local usage or LD usage volumes.
- **Aggregated Local and LD-**
Customers local and LD usage will be combined and the total will receive a discount based on the combined volume.
- **Discount Local based on LD Discount Rate (not calculated with local)-**
Customers will receive a discount that is linked to their LD calling volume not related to their local calling volume.
- **Tiered Discount**
Customers receive a discount on their local usage depending on the volume of the local usage only. Discounts are based on volume and go back to \$1. (Ex. \$0-\$25 = 5% discount, \$25.01 - \$50 = 7% discount on all usage-- all applicable usage up to \$50 receives the full 7% discount.)



- **Tapered Discount**
Customers receive a discount on their local usage depending on the volume of the local usage only. Discounts are based on volume and apply to each step of the volume separately. (Ex. \$0-\$25 = 5% discount, \$25.01 - \$50 = 7% discount this portion of the usage, i.e. the first \$25 receives 5% and the applicable portion of the next \$25 receives 7%.)

Monthly Charges / Mid-Cycle Service Changes:

Monthly Charges: For local service, we will be billing customers in advance for their calling plan and feature charges. Thus, the first customer bill will contain prorated service and feature charges in "arrears" plus the next months service and feature charges.

Service Changes: Customers who choose to change calling plans in the middle of their billing cycle should receive a bill with prorated charges covering each period.

Bill Periods:

Local and Long Distance charges will be integrated into one bill for remittance. Timely mailing of the bill is critical in order to make the transition to a single vendor seamless. The number of billing periods should correspond to the number available with the long distance portion of the service today. Local recurring charges should not be billed in arrears.

9.2 Local Call Detail: (January '96)

Customers will always receive "call detail" for their tolls calls and "call summary" for each of their local service call types (i.e. Directory Assistance, Operator services, etc.). Information will be summarized by number of calls/messages, length of calls (as appropriate) and related total. Whether or not a customer will automatically receive non-toll and other call type "call detail" will be specified per strata. For customers who automatically receive the detail, they will have the option of suppressing it, for a charge. Customers who automatically do not receive the detail, will have the option of ordering it, for a charge. The billing should be flexible to make the call detail

- orderable or not orderable
- chargeable or not chargeable
- to waive the charges

If the customer orders a call detail and is has a calling plan that rates the calls made i.e. minute based or message based, for its usage then specific detail is provided for all call types including the chargeable calls (DA, Mass Announcements etc.). If the customer orders a call detail and has a flat rate calling plan for its usage, then only the chargeable calls (DA, Mass Announcements etc.) should be provided on the call detail. If the customer requests the call detail for flat rate usage, the Unrated call detail should be ordered.



9.3 Unrated Call Detail: (January '96)

The functionality to provide unrated call detail should be included. The Unrated Call Detail provides the call detail for those calls that are included in a flat rate or "free" message unit calling plan. This type of messages ordinarily have 0 rate and will not be part of the call detail. The unrated call detail will give calling number, called number, duration, time-of-day, and day-of-week. The charge this will be on 1) per message basis or 2) per bill basis or 3) a combination of the 1 and 2.

9.4 Bill Media (January '96):

Customers will be given the option to receive all elements of their local/LD consolidated bill (and local call detail, if applicable) in the same variety of formats currently offered under their underlying service (e.g. Paper, PC disk, Mag Tape, CD ROM, etc.). Additionally, we will need to extend our existing "in language billing" capabilities to the local elements.

Reconciliation of Wholesale Bill vs. Customer Bills (Resale Scenario):

In a resale environment, the reseller will be billing AT&T for each customer account we manage. In order to ensure that we are not being mischarged for services, an audit process needs to exist between the billing records we send to customers and the billing records they send us. The frequency should be on a daily basis. In addition, daily, weekly and monthly tapes should be checked upon receipt.

DMOQs:

The billing process should meet the following DMOQ's:

DMOQ	MASS	SMALL	MIDDLE	GLOBAL
Accuracy	100%	100%	100%	100%
Timeliness	100%	100%	100%	100%
Ease of Use	100%	100%	100%	100%
Completeness	100%	100%	100%	100%
% Customer Satisfaction Favorable	100%	100%	100%	100%

Monthly Charges / Mid-Cycle Service Changes:

Monthly Charges: For local service, we will be billing customers in advance for their calling plan and feature charges. Thus, the first customer bill will contain prorated service and feature charges in "arrear" plus the next months service and feature charges. These two charges should be shown as separate items on the bill.



Service Changes: Customers who choose to change calling plans in the middle of their billing cycle should receive a bill with prorated charges covering each period.

Tracking Requirements: All vertical and consolidator billers are to provide reports for bill verification. Verification is to be performed before bill data is passed from one biller to the next. It will be necessary to provide a detailed report of inaccurate billing, probable cause, number of customers affected and revenue impacted. Additionally, it is required to provide a bill mail-out report to include vertical biller and consolidator, completion times, as well as bill center mail dates.

9.5 Bill Format TO BE PROVIDED

9.6 Bill Periods and Payments (January '96):

Local and Long Distance charges should be combined into one bill for remittance. The Bill Date for the new combined bill should be coordinated between the local and long distance orders with edits to ensure this requirement is met. Timely mailing of the bill is critical in order to make the transition to a single vendor seamless. The number of billing periods should correspond to the number available with the long distance portion of the service today.

9.7 Bill Payment (January '96):

In many areas, PUCs' rules and regulations will provide guidelines on bill payments. In general, a customer's payment to AT&T shall first be applied to their local service charges, next to the Long Distance portion of their bill, lastly to any "pay per use" services (976) as regulated by the FCC and state. Any partial payments must first be used to cover the local service charges. Any deviations to this plan will be outlined in the geographical specific MSD addendums.

9.8 Deposits: (All Phases)

With the introduction of local service, we are faced with the possibility that we will be taking on some risk with customers who may not have a credit history or may not have a clean credit history. In order to protect ourselves to some degree, we will be using a deposit policy to collect deposits in certain cases. This policy is dependent on legal and regulatory requirements and may therefore, differ by geographic area. Specific policies will be outlined in the geographical specific MSD addendums.

In general, any customer applying for service, whose financial viability is not established to our satisfaction may be required to pay in advance of the service connection and installation charges and least one month's service charge.



A sample matrix of the generic approach we may use is as follows:

CUSTOMER SCENARIO	DEPOSIT REQUIRED
Existing AT&T LD customer not in treatment adding local option	NO
Existing AT&T LD Customer in treatment adding local option	YES
Winback End-To-End customer with no credit problems (existing business)	NO
Winback End-To-End customer with no credit problems (new business)	YES
Winback End-To-End customer with credit problems (existing business)	YES
Winback End-To-End customer with credit problems (new business)	YES
Existing End-To-End customer placed into treatment requesting additional service	YES

Specifically, AT&T reserves the right to refuse an application for service made by a present or former customer who is indebted to the company for service previously furnished, until the indebtedness is satisfied (LD debt paid off).

A process needs to be set up to accommodate a deposit collection and redemption policy. This process should include the ability to identify the customer's current treatment level, collection of the deposit, the formal confirmation of receipt of deposit (certificate of deposit) and terms and conditions (regulations, rights, interest, etc.). Simple interest on the deposit will be based on a formula provided by the state PUC/PSC.

9.9 Collections and Service Terminations: (January '96)

As with other related areas, our policy with regards to LD and Local service terminations is heavily dependent on legal and regulatory requirements and may therefore, differ by geographic area, as well as by call type (local vs. LD). Specific policies will be outlined in the geographical specific MSD addendums. In general, our policies are as follows:

Uncollectables:

At this time, we do not have adequate information to determine the uncollectable percentage specific to local. As an estimate, we will continue to use the current LD service uncollectable rate for the combined local/LD service.

**Service Termination:**

AT&T local service may be disconnected only for nonpayment of AT&T local service charges, or as specified in local regulations with regard to LifeLine services. Thus, if a customer with this service is in treatment for charges associated with Long Distance, the collections activities associated with those charges cannot be used to impact the local service. There are several other valid reasons for termination of service including, Fraud, Improper Use, and/or Illegal Use of Service.

There will be a restoral charge applied when service is reconnected.

Cancellation for Cause:

For the causes listed below and without incurring any liability, we reserve the right to either temporarily discontinue the furnishing of a service or facility to a customer or terminate the contract.

When we take the initiative to terminate, the regulation's covering termination charges apply as in the case of termination of service at the customer's request.

In the event of discontinuation or termination of business service at a separate location we may transfer the unpaid balance to any other business service account of that customer.

Cancellation After Written Notice:

Five days after furnishing a written notice, we reserve the right to discontinue or terminate service for any of the following conditions:

- in the event of nonpayment of any sum due
- failure to make suitable deposits as required
- improper use of party line service by a customer
- if the character of use of a service is not in accordance with the class of service contracted for, and the customer refuses to contract for the proper class of service
- abuse or fraudulent use of service
- cancellation upon written request by public officials, i.e. judge of a court of record, a federal, state or local law enforcement agency, etc.

After furnishing a verbal notice (a confirming notice will be mailed), we reserve the right to discontinue or terminate service for any of the following conditions:

- use of profane or indecent language over the facilities
- abandonment of the station or facilities
- use of the service or facilities by the customer, or the manner of such use that tends to affect injuriously the efficiency of our general plant or services
- use of a service or facility in a manner which substantially impairs the service of a particular customer



- in the event a customer transmits a previously recorded message over the exchange or toll facility without properly identifying himself or the sponsor.

Cancellation Of Service Provided By Another Company:

We are permitted to discontinue or terminate basic local exchange service of a customer for non-payment of undisputed charges of another provider if that provider's charges are billed by us, and the charges are either regulated by the Commission or the FCC.

Tracking Requirements:

The CSR needs to indicate all treatment levels. The collection reports will be required to report local data such as local usage, revenues in collections, etc.

9.10 Bill Production

Local bill feeds will be validated by the billing control office before AT&T processes it for bill pull. Back-out and re-run procedures need to be defined.

9.11 Bill Rate Inquiry

The biller needs to provide access to local call rating tables for inquiry and bill verification.

10.0 DISTRIBUTION STRATEGY

10.1 Channel Design: (January '96)

Channel design for switched and nodal service customers needs to be developed. This design needs to include premises and non-premises selling. The philosophy in developing our channel will be to build upon the strong relationships we have with our existing accounts by positioning local as an extension of the customer relationship. This extension will result with AT&T enjoying a seamless relationship providing a full set of customer telecommunications needs. We anticipate utilizing alternate channels to sell to Small of Large/Medium/Small/Mass with direct mail supplementing face-to-face/OTM contacts.

There are several dimensions in our channel design that need to be considered. One is customer size. As we add a customer's local traffic to their existing AT&T usage, we may experience significant movement "up strata" (mass to small; small to mid, etc.) This customer migration needs to be considered and planned for so that channel handling is as transparent as possible to customers.

Another factor to consider is "first service" vs. "after market" sales. By its nature, local service is heavily loaded with after sale or "add on" account activity. These activities are things such as adding additional DID lines, changing hunt groups and general "churn" (connects/disconnects). While relatively small in terms of revenue produced, they are thought to be high in terms of

Local Service Marketing Service Description

DRAFT 2

TABLE OF CONTENTS

PLEASE NOTE: ALL CHANGES ARE UNDERLINED AND HAVE A LINE IN THE MARGIN

1. INTRODUCTION.....	1
2. CUSTOMER NEED	1
3. VALUE PROPOSITION	2
4. TARGET MARKET.....	2
5. FORECAST	3
6. OFFER DESCRIPTION.....	5
6.1 OPTIONS/FEATURES	5
6.1.1 LINKS/FACILITIES	5
6.1.2 FEATURES.....	7
6.1.3 ADDITIONAL LOCAL CALLING FEATURES/SERVICES TO BE SUPPORTED.....	14
6.2 PRICING STRATEGY	17
6.2.1 INTRODUCTORY PRICE PROMOTIONS.....	17
6.2.2 PRICING STRUCTURE.....	17
6.2.2.1 CALLING PLANS.....	18
6.2.2.1.1 FLAT RATE CALLING PLAN.....	18
6.2.2.1.2 TAPERED FLAT RATE.....	18
6.2.2.1.3 MINUTE BASED CALLING PLAN.....	18
6.2.2.1.4 MESSAGE RATED CALLING PLANS.....	18
6.2.2.1.4.1 COMBINATION FLAT WITH MESSAGE RATING....	18
6.2.2.1.4.2 INITIAL MESSAGE UNIT WITH ADDITIONAL MINUTE CHARGES.....	19
6.2.2.1.5 MINUTES OF USE CHARGES.....	19
6.3 TERM PAYMENT PLANS	20
6.4 DISCOUNT PLANS.....	20
6.5 TRACKING CAPABILITIES	20
7. PROMOTION.....	20
7.1 ADVERTISING/MARKETING COMMUNICATIONS.....	21
7.2 PUBLIC RELATIONS.....	21
8. DISTRIBUTION.....	21
8.1 SALES CHANNEL SUPPORT.....	21
8.1.1 COMPENSATION	22
9. GUARANTEES.....	22
9.1 SERVICE GUARANTEES	22
9.2 CUSTOMER SATISFACTION GUARANTEE	22
10. CUSTOMER CARE	22
10.1 PROVISIONING.....	23
10.1.1 FUNCTIONS REQUIRED.....	23
10.1.2 AVAILABILITY.....	23
10.1.3 VOLUMES.....	23

200199

DRAFT 2

10.1.4 DMOQS.....	23
10.1.5 TRACKING REQUIREMENTS.....	24
10.2 MAINTENANCE.....	24
10.2.1 FUNCTIONS REQUIRED	24
10.2.2 MAINTENANCE AVAILABILITY	25
10.2.3 VOLUMES.....	25
10.2.4 DMOQS.....	25
10.2.5 MAINTENANCE CHARGES.....	26
10.2.6 TRACKING REQUIREMENTS.....	26
10.3 ACCOUNT MAINTENANCE	26
10.4 ACCOUNT INQUIRY.....	27
10.4.1 FUNCTIONS REQUIRED	27
10.4.2 ADJUSTMENTS.....	27
10.4.3 AVAILABILITY.....	28
10.4.4 VOLUMES.....	28
10.4.5 DMOQS.....	28
11. BILLING.....	29
11.1 FEATURES/OPTIONS TO SUPPORT.....	29
11.2 RATING.....	31
11.3 MONTHLY CHARGES / MID-CYCLE SERVICE CHANGES.....	32
11.4 BILL PERIODS.....	32
11.5 CALL DETAIL.....	32
11.6 BILL MEDIA.....	32
11.7 AUDIT OF WHOLESALE BILL VS. CUSTOMER BILLS.....	32
11.8 DMOQS	32
12. JOURNALIZATION	33
13. BILL PAYMENT.....	33
14. DEPOSITS	33
15. COLLECTIONS	34
15.1 UNCOLLECTABLES.....	34
15.2 SERVICE TERMINATION.....	34
16. CANCELLATION FOR CAUSE.....	35
16.1 CANCELLATION AFTER WRITTEN NOTICE	35
16.2 CANCELLATION OF SERVICE PROVIDED BY ANOTHER COMPANY	36



11. Billing

The LEC will record the customers local usage and forward it electronically to AT&T. The local usage information will be combined with the AT&T long distance bill and a single remittance page will be generated which shows the total amount owed.

AT&T will combine the local and long distance bill information into a single bill with a single remittance page. Multiple location expenses can be listed on one bill.

11.1 Features/Options To Support

Initially Billing needs to support the following list of features/options, with the flexibility to charge and bundle elements in price packages:

FEATURE/OPTION	Non-Recurring Charge	Monthly Recurring Charge	Usage Charges
Line Types:			
Basic Business Lines	X	X	Calling Plan
PBX Trunk Lines	X	X	Calling Plan
Direct Inward Dialing lines/trunks	X	X	-
Direct Outward Dialing lines/trunks (DOD)	X	X	Calling Plan
<u>DS1 Nodal</u> <u>DS3 Nodal</u>	X	X (Mileage based, Channel termination, interoffice Channel charge)	X
DS1-Nodal	X	X (Mileage based, Channel termination, interoffice Channel charge)	X
DID numbers (per 100)		X	
FCC Line Charges		X	
Switched Digital Services	X	X	X
Tie Lines	X	X (Mileage based, Channel termination, interoffice Channel charge)	
FX Service	X	X (Mileage based, Channel termination, interoffice Channel charge)	X
Off Premises Extensions	X	X (Mileage based, Channel termination, interoffice Channel charge)	



Voice Private Lines	X	X	
Data Private Lines	X	X	
Calling Plans:			
Flat Rate Calling Plan		X	
Minute Based Calling Plan		X	X
Tapered Flat Rate		X	
Combination Flat with Message Rating		X	X
Initial Message Unit with Additional Minute charges		X	X
FEATURE/OPTION	Non-Recurring Charge	Monthly Recurring Charge	Usage Charges
Discounts:			
Flat discount on local			
Aggregated Local and LD Discount			
Discount Local Based on LD Discount Rate (not calculated with local)			
Bundled Feature Package Discount			
Discount By Specific NXX			
Features:			
Touch Tone		X	
Hunting	X	X	
Call Forwarding	X	X	
Call Forwarding Busy	X	X	
Call Forwarding No Answer	X	X	
Call Forwarding Remote	X	X	
Call Forwarding Combo	X	X	
Call Forwarding Selective	X	X	
Call Waiting	X	X	
Three Way Calling	X	X	
Speed Calling (8 or 30)	X	X	
Blocking	X	X	
Remote Call Forwarding	X	X	
Remote Call Activation of Call Forwarding	X	X	
Last Number Redial	X	X	
Missed Call Dialing	X	X	
Busy Number Redial	X	X	
Call Hold	X	X	



Call Transfer	X	X	
Call Tracing	X	X	
Priority Call Ringing	X	X	
Customized/Distinctive Ringing	X	X	
Automatic Route Selection	X	X	
Automatic Identified Outward Dialing	X	X	
Network Call Distribution	X	X	
ISDN (With associated features)	X	X	X
CENTREX (With associated features)	X	X	
Voice Mail	X	X	
Alarm Circuits	X	X	X
800 Service	X	X	X
Local Teleconferencing	X	X	X
Local Calling Card	X	X	X
Miscellaneous:			
Change Charge (Plan Change)	X		
Maintenance Charges	Based on Minutes		
Inside Wiring	X		
Non-Published Listing	X	X	
Vanity Number		X	
White Page Listing	Comes with line		
Yellow Page Listing		X	

Bold Items are currently defined for July 1995 development (Except for Uniplan Calling Plans)

11.2 Rating

The billing system(s) will most likely receive unrated records from the LEC wholesaler. It will be necessary for AT&T to apply, based on the calling plan, the appropriate rate elements to the usage records prior to processing bills. As described in section 6, there are four types of rating structures identified to date.

1. Flat Rate (no rating required)
2. Tapered Flat Rate (Based on number of minutes)
3. Basic per minute rates (peak, off-peak).
4. Message Rating (per message rates - peak, off-peak)
5. Message Unit rating (Unit= X minutes: peak, off-peak).
6. Combinations of the above

Refer to section 7 for specific examples of the implementation of these rate structures.



As we prepare for market entry in a specific area, we will develop a more detailed pricing plan description that will be used in that locality. If more basic rating elements are uncovered as we look at different markets, we will append those to the list above.

11.3 Monthly Charges / Mid-Cycle Service Changes

Monthly Charges: For local service, we will be billing customers in advance for their calling plan and feature charges. Thus, the first customer bill will contain prorated service and feature charges in "arrears" plus the next months service and feature charges.

Service Changes: Customers who choose to change calling plans in the middle of their billing cycle should receive a bill with prorated charges covering each period.

11.4 Bill Periods

Local and Long Distance charges should be combined into one bill for remittance. The Bill Date for the new combined bill should be coordinated between the local and long distance records. Timely mailing of the bill is critical in order to make the transition to a single vendor seamless. The number of billing periods should correspond to the number available with the long distance portion of the service today.

11.5 Call Detail

Because calls detail can be quite large on a message rated bill, we will provide the customer with the option of not receiving the call detail. They will continue to receive the local call summary and associated charges.

11.6 Bill Media

Customers should be given the option to receive the local service call detail on non-paper media available today (PC disk, Mag Tape, CD ROM, etc.).

11.7 Audit of Wholesale Bill vs. Customer Bills

The wholesale LEC will be billing AT&T for each customer account we manage. In order to ensure that we are not being mischarged for services, an audit process needs to exist between the billing records we send to customers and the billing records the LEC sends us. The frequency should be on a quarterly basis.

11.8 DMOQs

The billing process should meet the following DMOQ's:

DMOQ	MASS	SMALL	MIDDLE	GLOBAL
Accuracy				
Timeliness				
Ease of Use				
Completeness				
% Customer Satisfaction -				



Favorable				
-----------	--	--	--	--

DMOO's for LEC performance must also be developed and will contribute to AT&T local service DMOO's.

12. Journalization

Local service will be tracked separately from other jurisdictional traffic from a financial perspective. The following rules apply to the local revenues gained from this service:

- 1) Local revenue will be journalized separately under each service so that we can differentiate between local revenue and other revenue
- 2) Local revenue under each service will be split into three areas:
 - a) Revenue associated with NRC and MRC line charges, Calling Plan charges and usage charges.
 - b) Revenue associated with "Regulated" features (NRC, MRC, Usage)
 - c) Revenue associated with "Unregulated" features (NRC, MRC, Usage)

This policy may change in the future and is dependent on P/L responsibility decisions made in the future.

13. Bill Payment

A customer's payment to AT&T shall first be applied to their local service charges, with the remainder of the payment going to the Long Distance portion of their bill. Any partial payments must first be used to cover the local service charges.

A policy for installment payments will be developed prior to market entry.

14. Deposits

With the introduction of local service, we are faced with the possibility that we will be taking on some risk with customers who may not have a credit history or may not have a clean credit history. In order to protect ourselves to some degree, we will be using a deposit policy to collect deposits in certain cases. This policy may change from state to state, depending on the legal and regulatory requirements.

In general, any customer applying for service, whose financial responsibility is not established to our satisfaction may be required to pay in advance of the service connection and installation charges and least one month's service charge.

A sample matrix of the generic approach we may use is as follows:

CUSTOMER SCENARIO	DEPOSIT
-------------------	---------



	REQUIRED
Existing AT&T LD customer not in treatment adding local option	NO
Existing AT&T LD Customer in treatment adding local option	*YES
Winback End-To-End customer with no credit problems (existing business)	NO
Winback End-To-End customer with no credit problems (new business)	YES
Winback End-To-End customer with credit problems (existing business)	*YES
Winback End-To-End customer with credit problems (new business)	*YES
Existing End-To-End customer placed into treatment requesting additional service	YES

* We will be trying to avoid these customers if possible during the sales process, however, it is difficult to guarantee the absence of these scenarios. Specifically, AT&T reserves the right to refuse an application for service made by a present or former customer who is indebted to the company for service previously furnished, until the indebtedness is satisfied (LD debt paid off).

A process needs to be set up to accommodate a deposit collection and redemption policy. This process should include the collection of the deposit, the formal confirmation of receipt of deposit (certificate of deposit) and terms and conditions (regulations, rights, interest, etc.). Simple interest on the deposit will be based on a formula provided by each state PUC/PSC.

15. Collections

15.1 Uncollectables

At this time, we do not have adequate information to determine the uncollectable percentage specific to local. As an estimate, we will continue to use the current LD service uncollectable rate for the combined local/LD service. As soon as we are able to provide more accurate estimates, we will inform the team.

15.2 Service Termination

AT&T local service may be disconnected only for nonpayment of AT&T local service charges, or as specified in local regulations with regard to LifeLine services. Thus, if a customer with this service is in treatment for charges associated with Long Distance, the collections activities associated with those charges cannot be used to impact the local service.

There are several other valid reasons for termination of service including, Fraud, Improper Use, and/or Illegal Use of Service.



Each state has different regulations regarding the number of days of nonpayment prior to being able to terminate service. The collections group will be given the state regulations and LEC tariffs for specific rules that apply to each state.

There will be a restoral charge applied when service is reconnected.

16. Cancellation for Cause

For the causes listed below and without incurring any liability, we reserve the right to either temporarily discontinue the furnishing of a service or facility to a customer or terminate the contract.

When we take the initiative to terminate, the regulation's covering termination charges apply as in the case of termination of service at the customer's request.

In the event of discontinuation or termination of business service at a separate location we may transfer the unpaid balance to any other business service account of that customer.

16.1 Cancellation After Written Notice

After furnishing a written notice, we reserve the right to discontinue or terminate service for any of the following conditions:

- in the event of nonpayment of any sum due
- failure to make suitable deposits as required
- improper use of party line service by a customer
- if the character of use of a service is not in accordance with the class of service contracted for, and the customer refuses to contract for the proper class of service
- abuse or fraudulent use of service
- cancellation upon written request by public officials, i.e. judge of a court of record, a federal, state or local law enforcement agency, etc.

After furnishing a verbal notice (a confirming notice will be mailed), we reserve the right to discontinue or terminate service for any of the following conditions:

- use of profane or indecent language over the facilities
- abandonment of the station or facilities
- use of the service or facilities by the customer, or the manner of such use that tends to affect injuriously the efficiency of our general plant or services
- use of a service or facility in a manner which substantially impairs the service of a particular customer
- in the event a customer transmits a previously recorded message over the exchange or toll facility without properly identifying himself or the sponsor.

DRAFT 2



16.2 Cancellation Of Service Provided By Another Company

We are permitted to discontinue or terminate basic local exchange service of a customer for non-payment of undisputed charges of another provider if that provider's charges are billed by us, and the charges are either regulated by the Commission or the FCC.

5/9/95 6:39 PM
Rqrmts DRAFT 2

AT&T Proprietary (Restricted)
Solely for the authorized persons having a need to know
pursuant to Company instructions

200208

**LOCAL RESALE
DATA TRANSFER REQUIREMENTS
ISSUE 3
NOVEMBER, 1995**

ANY QUESTIONS REGARDING THIS DOCUMENT SHOULD BE DIRECTED TO:

**Lisa Caro
SOMERSET GROVE
290 DAVIDSON AVENUE - W3G098
SOMERSET, NJ 08873
(908) 805-1517**

**AT&T - Proprietary
Use pursuant to Company instructions**

200203

299

TABLE OF CONTENTS

<u>SECTION 1 - PROJECT SCOPE</u>		<u>Page</u>
1.1	General	1
1.2	Usage Summary	1
1.3	Document Content.	2
 <u>SECTION 2 - LOCAL SERVICE PROVIDER USAGE TO BE PROVISIONED TO AT&T</u>		
2.1	General	3
2.2	Local Service Provider Unrated Usage to be Transferred to AT&T.3	
2.2.1	Usage to be Transferred	3
2.2.2	Local Service Provider Usage	3
 <u>SECTION 3 - LOCAL SERVICE PROVIDER TO AT&T USAGE FEED</u>		
3.1	General	5
3.2	Detailed EMI Record Edits	5
3.3	Duplicate Record Checks	5
3.4	Local Service Provider to AT&T Usage Feed	5
3.4.1	Usage Data Transport Requirements	5
3.4.2	Physical Characteristics	6
3.4.3	Data Delivery Schedules	6
3.4.4	Resending Data	6
3.4.5	Pack Rejection	6
3.4.6	Held Packs and Messages	6
3.4.7	Data Content Requirements	6
3.4.8	RAO Packing Requirements	7
3.4.9	Dataset Naming Convention	10
3.4.10	Control Reports	10
3.4.10.1	Message Validation Pack Reject Report (A7287)	11
3.4.10.2	Message Validation Pack Accepted Report (A7288)	11
3.4.10.3	Message Validation Detail Error Report (A7289)	12
3.4.10.4	Control Reports Distribution	12

SECTION 4 - AT&T PROCESSING REQUIREMENTS

4.1	General	13
4.2	AT&T Rating Process	13
4.2.1	Message Rating	13
4.2.2	Application of Taxes/Fees/Surcharges	13
4.2.3	Duplicate Messages	13
4.2.4	Record Edits	13
	4.2.4.1 AT&T Record Edits	13
	4.2.4.2 Local Service Provider Record Edits	14
4.2.5	AT&T to Local Service Provider Message Returns ...	14
4.2.6	Cancel/Correction Records	14

SECTION 5 - TEST PLANS AND ACTIVITIES

5.1	General	15
5.2	Interface Testing	15
	5.2.1 Local Service Provider to AT&T	15
5.3	Operational Test	15
5.4	Test File Transport	16

SECTION 6 - POST DEPLOYMENT ACTIVITIES

6.1	General	17
6.2	Control Maintenance and Review	17
	6.2.1 Periodic Review	17
	6.2.2 Retention of Records	17
6.3	Local Service Provider Software Changes	17
6.4	AT&T Requested Changes	18
6.5	AT&T Software Changes	18
6.6	Post Conversion Test Plan	18
	6.6.1 Local Service Provider System Change Description .	19
	6.6.2 Change Negotiations	19
	6.6.3 Control Change Analysis	20
	6.6.4 Verification of Changes	20
	6.6.5 Introduction of Changes	21

SECTION 7 - ATTACHMENTS 22

- ATTACHMENT A- PHYSICAL CHARACTERISTICS OF DATA TAPES/CARTRIDGES**
- ATTACHMENT B- COMPACTION REQUIREMENTS**
- ATTACHMENT C- MESSAGE VALIDATION PACK REJECT REPORT (A7287)**
- ATTACHMENT D- MESSAGE VALIDATION PACK ACCEPTED REPORT (A7288)**
- ATTACHMENT E- MESSAGE VALIDATION EMI DETAIL ERROR REPORT (A7289)**
- ATTACHMENT F- SPECIAL FEATURES STAR SERVICES**

SECTION 1 - PROJECT SCOPE

1.1 GENERAL

This program addresses the transmission of a Local Service Provider's (LSP) usage to AT&T. The specific usage addressed within this Program is contained in Section 2. For intraLATA toll & local usage that is recorded by the LSP, AT&T will rate the usage, and bill it.

For intraLATA local & toll usage recorded by the LSP, AT&T may obtain specific types of usage from the LSP and bill the data. AT&T will secure contractual agreements to rate and/or bill the LSP recorded intraLATA usage.

1.2 USAGE SUMMARY

AT&T will be capable of processing the following types of the LSP recorded unrated and rated usage:

Billable Messages for the following services:

- Regular MTS
- Directory Assistance
- Collection on a Previous Shortage
- Mobile Channel Usage Charge Record
- Marine/Aircraft/High Speed Train Charge Record
- Radio Link Charge Record
- Verification Service Charge Record
- Interrupt Service Charge Record
- AT&T Message Service
- Conference Services
- Special Services

Any Category, Group and/or Record types approved in the future for the LSP's use are also to be included if they fall within the definition of this local resale phase - AT&T shall be given notification of its use within the negotiated timeframes.

1.2 USAGE SUMMARY (Cont'd)

- Pre-Billing Credit Requests for:
 - Regular MTS (as applicable)
 - Wrong Number
 - Poor Transmission
 - Cutoffs

Original call may be from any type station and carry any Billing Type except Busy Line Verify and Busy Line Interrupt.

- Coin Settlement Records (as applicable)
- Station-to-Station and Person-to-Person messages for the LSP usage billed as:
 - Sent Paid
 - Third Number
 - Card Usage (AT&T)
 - Collect

1.3 DOCUMENT CONTENT

This document describes baseline requirements for the transfer of LSP recorded unrated usage to AT&T. Testing requirements and the reports needed to ensure data integrity are also included. Additional requirements and implementation details may be identified for conditions unique to the LSP. Modifications and/or exceptions to this document will be negotiated and agreed upon by the LSP and AT&T. All types of usage referenced in this document are contained in the most current AT&T Exchange Message Interface (EMI) Exchange Standards Reference Document.

SECTION 2 - LOCAL SERVICE PROVIDER UNRATED USAGE TO BE TRANSMITTED TO AT&T

2.1 GENERAL

This section addresses the types of usage to be transmitted by the LSP to AT&T for AT&T rating and Billing.

2.2 LOCAL SERVICE PROVIDER UNRATED USAGE TO BE TRANSFERRED TO AT&T

2.2.1 USAGE TO BE TRANSFERRED

The following messages recorded by the LSP are to be transmitted to AT&T in unrated format. The LSP recorded usage is defined as:

- intraLATA - Local
- intraLATA - Toll

NOTE: Rated incollects should continue to be transmitted rated and can be intermingled with unrated usage. No special packing is needed.

At the discretion of AT&T, any of the above mentioned that cannot be rated and/or billed may be returned to the LSP via a direct feed. Refer to the most current version of the AT&T Exchange Message Interface (EMI) Exchange Standards Reference Document for specific return codes.

File transfer specifications are included within Section 3.

2.2.2 LOCAL SERVICE PROVIDER USAGE

The LSP usage in a local resale environment includes all intraLATA toll and local usage. The LSP will provide AT&T with unrated EMI records associated with all intraLATA toll and local usage which they record on AT&T's behalf.

200215

2.2.2 LOCAL SERVICE PROVIDER USAGE (Cont'd)

Any Category, Group and/or Record types approved in the future for the LSP will be included if they fall within the definition of this local resale phase - AT&T shall be given notification of its use within the negotiated timeframes.

The following Categories are applicable at this time:

<u>CATEGORY</u>	<u>DESCRIPTION</u>
01	Billable Messages
03	Credit Requests, Billing Change or Coin Refunds
20	Control Reports
41	Customer Credit
42	Miscellaneous Charge (also to be used for special features/star services - see attachment F)
51	Cancel Billable Messages
71	Corrected Billable Messages Record

For a complete list of valid Record IDs refer to the current AT&T Exchange Message Interface (EMI) Exchange Standards Reference Document (ESRD).

NOTE: Where AT&T is providing Telecommunication Relay Service (TRS) all intraLATA (TRS) usage is recorded at the AT&T switch. This usage will be sent to the LSP via the direct feed described in section 2.2.1. The LSP in turn will process the usage and determine which usage should be sent back to AT&T for Local resale billing. The Carrier Identification Code (CIC) should be changed to "288" for Local Resale billed accounts before transmission back to AT&T. Non-Local Resale TRS usage should be forwarded by the LSP to the appropriate billing channels.

NOTE: The LSP messages will be packed using the packing criteria outlined in section 3.4.8. It is important to note that all LSP messages will be packed together (intermingled) by the appropriate Send To/Bill To RAO combinations. Specific categories, groups, and record types will not be packed separately.

SECTION 3 - LOCAL SERVICE PROVIDER TO AT&T USAGE FEED

3.1 GENERAL

This section contains details required for the transmission by the LSP of usage to AT&T in accordance with the usage defined in Section 2. This section specifically addresses the dataset requirements and processing.

3.2 DETAILED EMI RECORD EDITS

AT&T will perform detailed record edits on the unrated and rated messages upon receipt from the LSP.

3.3 DUPLICATE RECORD CHECKS

AT&T will perform record checks on the unrated and rated messages to validate that duplicate messages are not sent by the LSP to AT&T for rating and/or billing.

3.4 LOCAL SERVICE PROVIDER TO AT&T USAGE FEED

3.4.1 USAGE DATA TRANSPORT REQUIREMENTS

The LSP will provide the transport facility between the LSP location and the AT&T location. The facilities provided by the LSP will conform to the Intercompany Data Interface Specifications (IDIS) document. It is AT&T's intent that usage data be transmitted via CONNECT:Direct whenever possible. In the event usage transfer cannot be accommodated by CONNECT:Direct because of extended (one business day or longer) facility outages, or if facilities do not exist, the LSP will contract for a courier service to transport the data via tape.

The LSP will provide AT&T with contacts, Remote Identifiers (IDs), and expected usage data volumes for each sending location.

AT&T will provide contacts responsible for:

- Receiving usage transmitted by the LSP
- Receiving usage tapes from a courier service in the event of a facility outage.

3.4.2 PHYSICAL CHARACTERISTICS

Data transported to AT&T on tape or cartridge via a courier will have the physical characteristics indicated in Attachment A. AT&T's intent is for variable block format (2,476 bytes) with a LRECL of 2472.

3.4.3 DATA DELIVERY SCHEDULES

Data will be delivered to AT&T by the LSP daily (Monday through Friday) or as negotiated. AT&T and/or LSP Data Center holidays are excluded. The LSP and AT&T will exchange schedules of designated Data Center holidays.

3.4.4 RESENDING DATA

AT&T will notify the LSP of resend requirements if a pack or entire dataset must be replaced due to pack rejection, damage in transit, dataset name failure, etc.

3.4.5 PACK REJECTION

Critical edit failure on the Pack Header or Pack Trailer records will result in pack rejection (e.g., detail record count not equal to grand total included in the pack trailer). Notification of pack rejection will be made by AT&T within one business day of processing. Rejected packs will be retransmitted to AT&T by the LSP

3.4.6 HELD PACKS AND MESSAGES

AT&T and the LSP will track pack number to control input based upon invoice sequencing criteria. The LSP will be notified of sequence failures identified by AT&T and resend procedures are to be invoked.

3.4.7 DATA CONTENT REQUIREMENTS

EMI is the format to be used for usage data provided to AT&T. The most current AT&T Exchange Message Interface (EMI) Exchange Standards Reference Document (ESRD), contains the detailed format specifications for the usage data to be exchanged between the LSP and AT&T. To provide for more efficient transmission, the usage data will be compacted using standard compaction procedures described in Attachment B.

3.4.8 RAO PACKING REQUIREMENTS

A pack shall contain a minimum of one message record or a maximum of 99,999 message records plus a pack header record and a pack trailer record. A day's transmission contains a maximum of 99 packs. A dataset shall contain a minimum of one pack. The LSP will provide AT&T one dataset per sending location, with the agreed upon RAO/NBEC ID. populated in the Header and Trailer records.

Within the Header and Trailer records, the FROM RAO identifies the location that will be sending usage to AT&T. The LSP will populate the FROM RAO field with the unique numeric value identifying the location that is sending the data to AT&T. Also, Pack Header and Trailer will have the NBEC Id. appropriately populated.

The FROM RAO, NBEC Id., and Remote Id. will be used by AT&T to control invoice sequencing and each will have its own invoice controls. The FROM RAO will also be used to define where the message returns file will be sent containing any misdirected and unguidable usage.

EXAMPLES:

	ORIGINATING TELEPHONE NO	FROM RAO	BILLING TELEPHONE NO.	BILLING RAO	SEND TO RAO
1.	216-653-XXXX	528	216-653-XXXX	528	082
2.	419-253-XXXX	525	419-253-XXXX	525	082
3.	419-253-XXXX	525	419-253-XXXX	525	082
4.	216-434-XXXX	050	216-434-XXXX	050	082
5.	216-838-XXXX	082	216-838-XXXX	082	082

The above call examples would be included in four (4) different packs. These packs will be distributed based upon the TPM assigned RAO of the Billing Telephone Number and its associated SEND TO RAO.

The specific packing would be

Header 1 SEND TO RAO = 082	BILLING RAO = 528
Record 1 FROM RAO = 528	BILLING RAO = 528
Trailer 1 SEND TO RAO = 082	BILLING RAO = 528

Header 2 SEND TO RAO = 082	BILLING RAO = 525
Record 2 FROM RAO = 525	BILLING RAO = 525
Record 3 FROM RAO = 525	BILLING RAO = 525
Trailer 2 SEND TO RAO = 082	BILLING RAO = 525

Header 3 SEND TO RAO = 082	BILLING RAO = 050
Record 4 FROM RAO = 050	BILLING RAO = 050
Trailer 3 SEND TO RAO = 082	BILLING RAO = 050

Header 4 SEND TO RAO = 082	BILLING RAO = 082
Record 5 FROM RAO = 082	BILLING RAO = 082
Trailer 4 SEND TO RAO = 082	BILLING RAO = 082

Other fields within the Header and Trailer records would be populated as follows:

HEADER RECORD

Record Identification = 20 22 01

Record Description = Pack Header Record

<u>Field Name</u>	<u>Position</u>	<u>Value</u>
Record Identification		
Category	01-02	20
Group	03-04	22
Record Type	05-06	01
Date of Record		
Year	07-08	Current year or less
Month	09-10	01-12
Day	11-12	01-31
Invoice Number	13-14	01-99
LSP		
Identification Number	15-16	Numeric (Default to "00")
From RAO	17-19	Numeric
IX Carrier Identification	20-22	288
NBEC Identification	23-26	Numeric
Filler	27-127	Numeric
Status Indicator	128	Alphanumeric
Filler	129-175	Numeric

PACK TRAILER RECORD

Record Identification = 20 22 02

Record Description = Pack Trailer Record

<u>Field Name</u>	<u>Position</u>	<u>Value</u>
Record Identification		
Category	01-02	20
Group	03-04	22
Record Type	05-06	02
Date of Record		
Year	07-08	Current year or less
Month	09-10	01-12
Day	11-12	01-31
Invoice Number	13-14	Numeric
LSP		
Identification Number	15-16	Numeric (Default to "00")
From RAO	17-19	Numeric
IX Carrier Identification	20-22	288
NBEC Identification Number	23-26	Numeric
Filler	27-100	Numeric
Grand Total Revenue	101-110	Numeric
Grand Total Record Count	111-117	Numeric
Filler	118-175	Numeric

The file's Record Format (RECFM) will be Variable Block (VB) Size 2,476 and the Logical Record Length (LRECL) will be 2,472 bytes. Compaction requirements can be found in Attachment B.

For the transfer of packs from the LSP to AT&T, AT&T requires no special sorting.

3.4.9 DATASET NAMING CONVENTION

The LSP will transmit the usage to AT&T using the following dataset naming conventions. The dataset name (DSN) will be partitioned into five nodes, separated by periods as follows:

NODE 1*BB03PXNN**

NODE 2.IBMUP

NODE 3 (To be determined during negotiations)

NODE 4.USAGE

NODE 5.*GNNN/VDD** (Generational Dataset to be incremented by sender.)

3.4.10 CONTROL REPORTS

AT&T accepts input data provided by the LSP in EMI format in accordance with the requirements and specifications detailed in this section of the document. In order to ensure the overall integrity of the usage being transmitted from the LSP to AT&T, Data Transfer Control Reports will be required. These reports shall be provided by AT&T to the LSP on a daily or otherwise negotiated basis and reflect the results of the processing for each pack transmitted by the LSP.

MESSAGE VALIDATION REPORTS

AT&T will provide the following three daily (or otherwise negotiated) Message Validation reports to the designated LSP System Control Coordinator. These reports will be provided for all data received within the LSP Local Resale Feed and will be transmitted Monday thru Friday whether or not there have been any files transmitted.

*The italicized numeric "N" represents numeric fields to be determined during negotiations.

3.4.10.1 MESSAGE VALIDATION PACK REJECT REPORT (A7287)

This report provides information on packs rejected by AT&T. It lists the header and trailer record of each rejected pack and indicates the error codes and the associated error message which explains why the pack was rejected.

An example of the report and a list of Valid Error Codes and associated error messages are provided in Attachment C.

3.4.10.2 MESSAGE VALIDATION PACK ACCEPTED REPORT (A7288)

This report provides vital statistics and control totals by Record ID, Type of Service, Message Counts and Record Counts, for all valid, rejected and dropped messages. The information is provided in the following report formats and control levels:

1. LSP Total Messages
2. LSP Total Records
3. RAO Total Messages
4. RAO Total Records
5. Pack Total (Record Counts and Message Counts)

The first four report formats include percentages that indicate the relationship of the daily input volume by Record ID and Type of Record to the total input volume provided by an RAO and the LSP.

An example of the report is provided in Attachment D.

3.4.10.3 MESSAGE VALIDATION DETAIL ERROR REPORT (A7289)

An EMI Detailed Error Report is generated for each pack/invoice that is received and processed by AT&T. The report lists, in vertical format, the complete 175 byte EMI record that has failed to pass the initial edit criteria. It prints this detailed information only for the first five EMI records that share a common error condition. The error condition is flagged on the report by one of two possible error codes preceding the field value. The error codes are:

(C) DENOTES CRITICAL ERRORS
(I) DENOTES INFORMATION ERRORS

The last two pages of the report for a given pack/invoice provide the following control totals:

- Total Errors for each Field
- Total Records Received
- Total Records Dropped
- Total Records rejected to MIU
- Pack Reject Rate
- Total Default Count (represents the number of Files on all of the input records that had to be programmatically altered to meet the EMI standards and specifications.)

If the entire pack/invoice has been rejected because of a Critical Error Rate greater than 0.5%, the last page of the report will display such a statement enclosed in asterisks.

An example of the report is provided in Attachment E.

3.4.10.4 CONTROL REPORTS - DISTRIBUTION

Since the LSP is not receiving control reports, data set names will be established during detailed negotiations.

SECTION 4 - AT&T PROCESSING REQUIREMENTS

4.1 GENERAL

This section contains requirements for AT&T processing of LSP usage that has been transmitted to AT&T for billing.

4.2 AT&T RATING PROCESS

4.2.1 MESSAGE RATING

AT&T will rate any individual messages (as defined in Section 2), that have not already been rated by the LSP, prior to transitioning the usage to a billing environment within AT&T.

4.2.2 APPLICATION OF TAXES/FEES/SURCHARGES

AT&T will apply taxes, fees and surcharges as appropriate for the individual messages and/or customer accounts. The application of all taxes, fees and surcharges will be applied on all intraLATA local and toll usage received from the LSP.

4.2.3 DUPLICATE MESSAGES

AT&T has existing duplicate checks as part of their message processing or billing functions. AT&T will perform these checks on the rated/unrated messages sent by the LSP. Duplicate message disposition procedures and reports will be identified by AT&T during negotiations.

4.2.4 RECORD EDITS

4.2.4.1 AT&T RECORD EDITS

AT&T will perform detailed record edits on the rated and unrated messages prior to transmitting them to the billing environment. Rated & unrated records that do not pass AT&T edits will be returned to the LSP.

4.2 AT&T RATING PROCESS (Cont'd)

4.2.4.2 LOCAL SERVICE PROVIDER RECORD EDITS

If the LSP has existing detailed record edits for rated and unrated messages, the LSP is to perform these edits.

The LSP will attempt to perform error correction on all records requiring such action as agreed upon through the detailed negotiations process. Rated and unrated records that do not pass AT&T edits will be returned to the LSP (Refer to section 2.2.1).

4.2.5 AT&T TO LOCAL SERVICE PROVIDER MESSAGE RETURNS

At the discretion of AT&T, messages that have been sent to AT&T by the LSP and cannot guide to an AT&T billed account or errors in processing will be returned to the LSP with the negotiated return codes.

NOTE: Refer to the EMI ESRD for detailed return codes.

4.2.6 CANCEL/CORRECTION RECORDS

AT&T, upon receipt of cancel/correction records, will perform their current matching function to identify the original message to be cancelled/corrected. (Processing will be dependent upon individual negotiations.)

SECTION 5 - TEST PLANS AND ACTIVITIES

5.1 GENERAL

This section defines the LSP and AT&T activities which are required prior to the implementation of this project. The tests and activities described are necessary to ensure a smooth, accurate and well-documented conversion. Specific test dates will be identified through the negotiations process.

5.2 INTERFACE TESTING

5.2.1 LOCAL SERVICE PROVIDER TO AT&T

The purpose of this test is to ensure that the usage described in Section 2 is sent by the LSP to AT&T and can be accepted and processed by AT&T. The LSP will provide a test file to AT&T's designated Regional Processing Center (RPC) in the format that will be used for live day-to-day processing. The file will contain one full day's production usage. The format of the file will conform to the requirements shown in Section 3. AT&T will review the file and verify that it conforms to its data center requirements. AT&T will notify the LSP in writing specifying whether the format is acceptable. If the format is not acceptable, AT&T will also provide the LSP with the agreed upon control reports as part of this test.

5.3 OPERATIONAL TEST

The purpose of this test is to ensure that volumes of usage in consecutive sequence can be extracted, distributed, and processed by the LSP and AT&T.

The LSP is required to provide AT&T with LSP recorded unrated intraLATA local and toll usage (as defined in section 2) for a minimum of 5 consecutive days. AT&T will provide to the LSP the message validation reports associated with test usage.

AT&T will rate and process the unrated intraLATA toll and local. AT&T will process this data to test bills. AT&T may request that the test usage contain specific usage volumes and characteristics to ensure a complete test. Specific usage volumes and characteristics will be discussed during detailed negotiations.

5.4 TEST FILE TRANSPORT

Test data should be transported via CONNECT:Direct whenever possible. In the event that courier service must be used to transport test media, the physical tape characteristics to be used are described in Attachment A.

SECTION 6 - POST DEPLOYMENT ACTIVITIES

6.1 GENERAL

Requirements for ongoing maintenance of the usage feeds between AT&T and the LSP are described in this section. Included are minimal requirements for day to day control of the regularly scheduled transfer of LSP unrated and rated usage data and procedures for introducing and verifying AT&T/LSP System Changes.

6.2 CONTROL MAINTENANCE AND REVIEW

6.2.1 PERIODIC REVIEW

Control procedures for all usage transferred between the LSP and AT&T will require periodic review. This review may be included as part of an annual audit of the LSP by AT&T or as part of the normal production interface management function. Breakdowns which impact the flow of usage between the LSP and AT&T must be identified and resolved jointly as they occur. The resolution may include changes to control procedures as similar problems would be avoided in the future. Any changes to control procedures would need to be agreed upon jointly by the LSP and AT&T.

6.2.2 RETENTION OF RECORDS

The LSP shall maintain a machine readable back-up copy of the message detail provided to AT&T for a minimum of forty-five (45) calendar days. AT&T will maintain the EMI received from the LSP for a minimum period of forty-five (45) calendar days. Designated AT&T personnel will provide these records to the LSP or its authorized agents upon written request. The LSP will also provide any data back to AT&T upon their written request.

6.3 LOCAL SERVICE PROVIDER SOFTWARE CHANGES

When the LSP plans to introduce any software changes which impact the format or content structure of the usage data feed to AT&T, designated LSP personnel will notify AT&T no less than 120 calendar days before such changes are implemented.

The LSP will communicate the projected changes to the appropriate groups in AT&T so that potential impacts on AT&T processing can be determined.

6.3 LOCAL SERVICE PROVIDER SOFTWARE CHANGES (Cont'd)

AT&T personnel will review the impact of the change on the entire control structure as described in Section 6.6, Post Conversion Test Plan. AT&T will negotiate any perceived problems with the LSP and will arrange to have the data tested utilizing the modified software.

If it is necessary for the LSP to request changes in the schedule, content or format of usage data transmitted to AT&T, the LSP will notify AT&T.

6.4 AT&T REQUESTED CHANGES

If it is necessary for AT&T to request changes in the schedule, content or format of the usage data transmitted from the LSP, AT&T will notify the LSP

When the negotiated changes are to be implemented, AT&T and/or the LSP will arrange for testing of the modified data as described in Section 6.6, Post Conversion Test Plan.

6.5 AT&T SOFTWARE CHANGES

When AT&T plans to introduce any software changes which may impact the format or content structure of the usage data transmitted from the LSP, AT&T will notify the designated LSP personnel, no less than 120 calendar days before such changes are implemented.

The AT&T contact will communicate the projected changes to the appropriate groups in the LSP so that potential impacts on the LSP processing can be determined.

AT&T will negotiate any perceived problems with the LSP and will arrange to have the data tested utilizing the modified software.

Altering the 120 day window for introducing software changes can be negotiated by both companies dependent upon the scope and impact of the change.

6.6 POST-CONVERSION TEST PLAN

The test plan described below is designed to encompass all types of changes to the usage data transferred by the LSP to AT&T and the methods of transmission for that data.

6.6.1 LOCAL SERVICE PROVIDER SYSTEM CHANGE DESCRIPTION

As the first step of a change to the Project, the LSP should provide AT&T with an overall description of the change, stating the objective and a brief explanation of the reasons for the change.

During the initial negotiations regarding the change, the LSP should provide designated AT&T personnel a list of the specific records and/or systems impacted by the change.

Finally, the LSP should provide designated AT&T personnel a detailed description of the changes to be implemented. It should include sufficient detail for designated AT&T personnel to analyze and estimate the effects of the changes and to design tests to verify the accuracy of the implementation.

6.6.2 CHANGE NEGOTIATIONS

AT&T shall be notified in writing of all proposed negotiations initiated by the LSP. In turn, AT&T will notify the LSP of proposed change negotiations initiated by AT&T.

After formal notification of planned changes, whether originated by the LSP or AT&T, designated AT&T personnel will schedule negotiation meetings as required with designated LSP personnel. The first meeting should produce the overall change description (if not previously furnished) and the list of records and/or systems affected.

In subsequent meetings, the LSP should provide the detailed description of changes to be implemented. After reviewing the described changes, designated AT&T personnel will negotiate a detailed test procedure with the LSP.

6.6.3 CONTROL CHANGE ANALYSIS

Based on the detailed description of the changes provided by the LSP and the review of the projected changes by AT&T, designated AT&T personnel will:

- Determine the impact of the changes on the overall structure.
- Determine whether any single change has a potential control impact, i.e., high error rate on individual records that might result in pack rejection.
- Determine whether any controls might be adversely affected.
- Arrange for appropriate control structure changes to meet any of the above conditions.

6.6.4 VERIFICATION OF CHANGES

Based on the detailed description of changes furnished by the LSP, designated AT&T personnel will:

- Determine the type of change(s) to be implemented.
- Develop a comprehensive test plan.
- Negotiate scheduling and transfer of modified data with the LSP.
- Negotiate testing of modified data with the appropriate AT&T RPC.
- Negotiate processing of verified data through the AT&T Billing System with the RPC.
- Arrange for review and verification of testing with appropriate AT&T groups.
- ♦ Arrange for review of modified controls, if applicable.

6.6.5 INTRODUCTION OF CHANGES

When all the testing requirements have been met and the results reviewed and accepted, designated AT&T personnel will:

- Negotiate an implementation schedule.
- Verify the existence of a contingency plan with the appropriate AT&T RPCs.
- Arrange for the follow-up review of changes with appropriate AT&T personnel.
- Arrange for appropriate changes in control documentation, if applicable.
- Arrange for long-term functional review of impact of changes on the AT&T Billing System, i.e., accuracy, timeliness, and completeness.

SECTION 7 - ATTACHMENTS

SUMMARY OF ATTACHMENTS

ATTACHMENT A - PHYSICAL CHARACTERISTICS OF DATA TAPES/CARTRIDGES

ATTACHMENT B - COMPACTING REQUIREMENTS

ATTACHMENT C - MESSAGE VALIDATION PACK REJECT REPORT (A7287)

ATTACHMENT D - MESSAGE VALIDATION PACK ACCEPTED REPORT (A7288)

ATTACHMENT E - MESSAGE VALIDATION EMI DETAIL ERROR REPORT (A7289)

ATTACHMENT F - SPECIAL FEATURES STAR SERVICES

ATTACHMENT A - PHYSICAL CHARACTERISTICS OF DATA TAPES/CARTRIDGES

Data transported to AT&T by the LSP, or to the LSP by AT&T, on tape or cartridge via a courier will have the following physical characteristics:

Tape:	9-track, 6250 (or 1600) BPI (Bytes per inch)
Cartridge:	38,000 BPI (Bytes per inch)
LRECL:	2,472 bytes
Parity:	Odd
Character Set:	Extended Binary Coded Decimal Interchange Code (EBCDIC)
External labels:	Exchange Carrier name, Dataset Name (DSN) and volume serial number
Internal labels:	IBM Industry OS labels as described in the Exchange Message Interface (EMI) documents issued by Bell Communications Research, Inc. (Bellcore) will be used. They consist of a single volume label and two sets of header and trailer labels.
One file per sending location with variable length records:	104 bytes EMI compacted format plus modules as applicable.

ATTACHMENT B - COMPACTION REQUIREMENTS

COMPACTION FORMAT: Pack Header and Trailer Records

EMI Positions	Compacted Positions	Bytes	Usage*	Description
1-4	1-2	2	B	Category & Group
5-11	3-6	4	B	Filler
12-18	7-10	4	B	Filler
19-25	11-14	4	B	Filler
26-32	15-21	7	AN	Filler
33-39	22-28	7	AN	Filler
40-46	29-35	7	AN	Filler
47-53	36-42	7	AN	Filler
54-60	43-49	7	AN	Filler
61-68	50-57	8	AN	Filler
69-77	58-61	4	B	Filler
78-86	62-65	4	B	Filler
87-95	66-69	4	B	Filler
96-104	70-73	4	B	Filler
105-113	74-77	4	B	Filler
114-122	78-81	4	B	Filler
123-127	82-85	4	B	Filler
128-141	86-104	19	AN	Filler
142-175	Truncated for transmission			

COMPACTION FORMAT: Message Detail Records

EMI Positions	Compacted Positions	Bytes	Usage*	Description
1-4	1-2	2	B	Category & Group
5-13	3-6	4	B	Filler
14-22	7-10	4	B	Filler
23-31	11-14	4	B	Filler
32-40	14-18	4	B	Filler
41-49	19-22	4	B	Filler
50-58	23-26	4	B	Filler
59-67	27-30	4	B	Filler
68-76	31-39	9	AN	Filler
77-85	40-43	4	B	Filler
86-94	44-47	4	B	Filler
95-103	48-51	4	B	Filler
104-112	52-55	4	B	Filler
113-149	56-92	37	AN	Filler
150-158	93-96	4	B	Filler
159-167	97-100	4	B	Filler
168-175	101-104	4	B	Filler

* Usage: B = Binary AN = Alphanumeric

Modules will not be compacted.

ATTACHMENT C - MESSAGE VALIDATION PACK REJECT REPORT (A7287)

MM/DD/YY HH:MM:SS
 RETEN CODE: 01R-00300

COMPANY	XX							REMOTE ID	9999X	FROM BSID	999
HEADER	RECORD ID	DATE CREATED	INVOICE NUMBER	BELL CO ID	BELL RAO	IX CARRIER	IND CO ID				
	999999	99-99-99	99	99	999	999	9999				
TRAILER	RECORD ID	DATE CREATED	INVOICE NUMBER	BELL CO ID	BELL RAO	IX CARRIER	IND CO ID			TOTAL REC.	
	999999	99-99-99	99	99	999	999	9999			COUNT	99,999
ERRORS	ERROR CODE	ERROR MESSAGE									
	EC99.9	XX XX									

200237

**ATTACHMENT C - MESSAGE VALIDATION PACK REJECT REPORT (A7287)
(CONT'D)**

ERROR CODE	ERROR MESSAGES
EC01.2	First record after trailer is not a Pack Header.
EC03.2	From RAO is not numeric.
EC04.0	Interexchange carrier identification is not equal to 288.
EC04.3	Invoice number on header invalid.
EC04.5	Company ID not numeric.
EC04.6	Independent company ID is not numeric.
EC04.7	Header Record ID is invalid.
EC04.8	Trailer Record ID is invalid.
EC04.9	Trailer Record count invalid.
EC05.0	Duplicate pack.
EC05.1	Old Pack.
EC05.2	RAO not found on table.
EC07.3	Error rate greater than invoice file threshold for RAO invoice number.
EC12.0	Remote ID in Dataset is not valid.
EC20.0	No detail records in pack.
EC13.0	Invalid status on Pack Header.
EC27.0	Pack exceeds limit of 99,999 detail records.
EC40.9	Pack Header record is missing.
EC41.0	Trailer record is missing.
EC42.0	Trailer message volume is not equal to accumulated message volume.
EC44.0	Header/Trailer date is invalid.
EC45.0	From RAO on Trailer Record is not equal to the from RAO on Header Record.
EC48.0	Invoice number on Trailer Record is not equal to the invoice number on the Header Record.

ATTACHMENT D - MESSAGE VALIDATION PACK ACCEPTED REPORT (A7288)

MM/DD/YY HH:MM:SS
 RETEN CODE: 01R-00300

COMPANY XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		FROM RAO 999	INVOICE NO. 99	DATE CREATED MM/DD/YY	TOTAL RECORDS RECEIVED ZZ.ZZ9				
RECORD ID	TYPE OF RECORD	-----RECORD COUNTS-----				-----MESSAGE COUNTS-----			
		VALID	REJECTED	DROPPED	TOTAL	VALID	REJECTED	DROPPED	TOTAL
010102	OUTWATS (NON-SMDR)	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
010103	OUTWATS (SMDR)	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
010104	800 SERVICE	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
TOTAL WATS/800									
010101	MTS	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
010106	NON-DIAL CONFER BRIDGE	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
010107	NON-DIAL CONFER LEG RECORD	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
010108	DIAL CONFERENCE BRIDGE	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
010111	ALLIANCE (AGTC)	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
010116	DIAL-IT SERVICE	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
010132	DIRECTORY ASSISTANCE	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
010180	MARINE/AIRCRAFT	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
010181	RADIO LINK	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
010182	MARINE NON-DIAL CONFER BRIDGE	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
010183	MARINE NON-DIAL CONFER LEG REC.	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
0101XX	OTHER MTS RECORDS	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
TOTAL NORTH AMERICAN MTS									
010201	IOTC/ODD MTS	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
0102XX	IOTC/ODD OTHERS	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
010301	IOTC BFC MTS	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
0103XX	IOTC BFC OTHERS	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
010401	IOC MTS	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
0104XX	IOC OTHERS	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
010501	IOC MTS	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
0105XX	IOC OTHERS	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
TOTAL OVERSEAS MTS									
015002	OUTWATS LINE SUMMARY	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
015004	800 LINE SUMMARY	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
015032	DIR. ASSISTANCE LINE SUMMARY	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
TOTAL OVERSEAS MTS									
03XXXX	CREDIT REQUESTS	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
51/52	CANCEL REQUESTS	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
71/72	CORRECTION REQUESTS	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9
INVALID RECORD IDENTIFICATION									
PACK TOTALS		ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9	ZZ.ZZ9

200230

FIELD NAME	ERR FIELD VALUE	ERR FIELD VALUE	ERR FIELD VALUE	ERR FIELD VALUE	ERR FIELD VALUE	
COMPANY: 0000	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		FROM RAG: 000	RENTE ID: XXXXX	INVOICE NO: 00	16
INDICATOR 10	0	0	0	0	0	16
INDICATOR 11	(D) 0	0	(D) 0	(D) 0	(D) 0	16
INDICATOR 12	0	0	0	0	0	16
INDICATOR 13	0	0	0	0	0	16
INDICATOR 14	4	4	4	4	4	16
INDICATOR 15	0	0	0	0	0	16
INDICATOR 16	0	0	0	0	0	16
INDICATOR 17	0	0	0	0	0	16
INDICATOR 18	0	0	0	0	0	16
INDICATOR 19	0	0	0	J	0	16
INDICATOR 20	0	0	0	0	0	16
SERIAL NUMBER	00704001	00704001	00704001	00704001	00704001	16
OPERATOR UNIT	00	00	00	00	00	16
RECORD PT. ID.	704001	704001	704001	704001	704001	16
BILLING RAG	316	316	063	063	063	16
BILLING NO.	4041808670	4041808670	7061808202	7061808202	7061808202	16
FM PLACE/SHIP	OUTMATS	OUTMATS	OUTMATS	OUTMATS	OUTMATS	16
FM PLACE/SHIP	GA	GA	GA	GA	GA	16
TO PLACE/SHIP	DIR ASST	DIR ASST	ROSSVILLE	LA FAYETTE	LA FAYETTE	16
TO PLACE/SHIP	GA	GA	GA	GA	GA	16
LIBRARY CODE	TM	TM	TM	TM	TM	16
SETTLEMENT CODE						16
IN CORR. ID.	200	200	200	200	200	16
INDICATOR 31	0	0	1	1	1	16
INDICATOR 22	2	2	2	2	2	16
INDICATOR 23	0	0	0	0	0	16
INDICATOR 24	0	0	0	0	0	16
INDICATOR 25	0	0	0	0	0	16
INDICATOR 26	0	0	0	0	0	16
INDICATOR 27	0	0	0	0	0	16
INDICATOR 28	0	0	0	0	0	16
INDICATOR 29	0	0	0	0	0	16
INDICATOR 30	0	0	0	0	0	16
RATE CL NSB TYPE	4/1	4/1	4/1	4/1	4/1	16
VS MODULE	MODULE	MODULE	MODULE	MODULE	MODULE	16

(C) DENOTES CRITICAL ERROR (N) DENOTES NON-NUMERIC RECORD (I) DENOTES INFORMATIONAL ERROR (D) DENOTES DEFAULT ERROR 16

001A08.L1Z76A.18M10.A8NS8ERR.00084V00

AT&T COMMUNICATIONS - PROPRIETARY, USE PURSUANT TO COMPANY INSTRUCTIONS 16

200241

101
 CDS NO. 10MP1010
 (PORT NO. A7200

ALPHARETTA 001

COMPANY: 0000

FIELD NAME	CRITICAL ERRORS	INFORMATIONAL ONLY	DEFAULT	TOTAL ERRORS EACH FIELD
INDICATOR 10	0	0	0	0
INDICATOR 11	0	0	0	0
INDICATOR 12	0	0	0	0
INDICATOR 13	0	0	0	0
INDICATOR 14	0	0	0	0
INDICATOR 15	0	0	0	0
INDICATOR 16	0	0	0	0
INDICATOR 17	0	0	0	0
INDICATOR 18	0	0	0	0
INDICATOR 19	0	0	0	0
INDICATOR 20	0	0	0	0
SERIAL NUMBER	0	0	0	0
OPERATOR UNIT	0	0	0	0
RECORD PT. 10.	0	0	0	0
BILLING NO.	0	0	0	0
BILLING NO.	0	0	0	0
FM PLACE/SHIP	0	0	0	0
TO PLACE ADDRESS	0	0	0	0
TO PLACE/SHIP	0	0	0	0
TO PLACE ADDRESS	0	0	0	0
LIBRARY CODE	0	0	0	0
SETTLEMENT CODE	0	0	0	0
IN CARR. 10.	0	0	0	0
INDICATOR 21	0	0	0	0
INDICATOR 22	0	0	0	0
INDICATOR 23	0	0	0	0
INDICATOR 24	0	0	0	0
INDICATOR 25	0	0	0	0
INDICATOR 26	0	0	0	0
INDICATOR 27	0	0	0	0
INDICATOR 28	0	0	0	0
INDICATOR 29	0	0	0	0
INDICATOR 30	0	0	0	0
RATE CL MSB TYPE	0	0	0	0
VB MODULE	0	0	0	0
NON-NUMERIC NCB	0	0	0	0
*** TOTALS ***	730	0	187	190

FROM RAO: 000 REMOTE TO: KKKKK INDEX NO: 00

TOTALS FOR THIS INDEX

TOTAL RECORDS RECEIVED	42,434
TOTAL RECORDS DROPPED	140
TOTAL RECORDS REJECTED TO NON	730
PACK REJECT RATE	0.017
ERROR THRESHOLD	0.005
EDIT PATH	1
INPUT FILE NUMBER	10
SPAN NUMBER	000

 THIS PACK HAS BEEN REJECTED.
 THE PACK REJECT RATE EXCEEDS
 THE ERROR THRESHOLD.

716
 18

INDEXES.L1276A.10M10.ANSWER.0004V00
 AT&T COMMUNICATIONS - PROPRIETARY. USE PURSUANT TO COMPANY INSTRUCTIONS

00243

ATTACHMENT F - SPECIAL FEATURES STAR SERVICES

The following are STAR Services supported by these Local Resale requirements to date. When identified, additional services can be negotiated to be included in this Resale offer.

- 1) Automatic Redial/ This feature allows a customer to automatically redial the last number dialed.
Last Number Redial
- 2) Call Return/Missed Call Dialing..... This feature allows a customer to automatically return the most recent incoming call, even if it is not answered.
- 3) Call Trace This feature allows the tracing of nuisance calls.

Per use Star Features are not currently supported by the EMI ESRD. To provide for the transfer and billing of these features the following requirements apply:

For all per use STAR Features the "Miscellaneous Charge Line Summary Non -Detail Charge' 425001 record should be used and be populated as follows.

CONNECT TIME	POSITIONS 55 - 60	MUST BE POPULATED
MISCELLANEOUS TEXT CODE	POSITIONS 168 - 172	1) AUTO REDIAL/LAST NUMBER REDIAL POPULATE WITH '00001'
MISCELLANEOUS TEXT CODE	POSITIONS 168 - 172	2) CALL/RETURN/LAST NUMBER REDIAL POPULATE WITH '00002'
MISCELLANEOUS TEXT CODE	POSITIONS 168 - 172	3) CALL TRACE POPULATE WITH '00003'

NOTE: For fields not specifically defined here the standard EMI ESRD format for a 425001 record should be used.

DRAFT - Version 2

AT&T Communications, Inc.
Loop Unbundled w/Interconnection Planning Document
for
Network Services, Network Operations, Billing and CARE,
and Pricing and Compensation
in the
Local Exchange Service Marketplace

200245

300

Table Of Contents

<u>Subject</u>	<u>Page Number</u>
Preface	2
Contact Listing	3
<u>Loop Unbundled Resale with Interconnection</u>	
I. Network Operations	4
A. Service Ordering and Provisioning	6
B. Maintenance Procedures	8
II. Network Architecture and Services	10
A. Basic Service Requirements	11
B. Physical Interconnection Requirements	11
C. Co-Location Requirements	13
D. Signaling	14
E. Loop Unbundling	16
F. Right of Way Issues	17
G. NXX Assignment and Administration	18
H. Number Portability	19
I. Directory Assistance	19
J. Listings	20
K. Operator Services	21
L. Lifeline Service	21
M. Service Assurance Warranty (SAWs)	21
N. 911	21
O. Inside Wire	22
P. Disaster Recovery	22
Q. Payphone Services	22
III. Billing and C.A.R.E	23
A. Billing Requirements	23
B. Data Transfer Requirements	24
C. C.A.R.E Requirements	25
IV. Pricing and Compensation	26
<u>Appendices</u>	
1. Standard Access Billing Requirements (SABR)	
2. Local Resale Data Transfer Requirements (LRDTR)	

AT&T Communications, Inc.
Loop Unbundled w/Interconnection Planning Document
for
Network Services, Network Operations, Billing and CARE,
and Pricing and Compensation
in the
Local Exchange Service Marketplace

Preface:

AT&T is certified to enter the local exchange market in Tennessee and is considering entering in BellSouth's remaining eight states. In anticipation of these filings AT&T is investigating viable alternatives available through which this service may be provided.

This may be accomplished through "Total Service Resale" and/or "Loop Resale" that would provide AT&T with the ability to service Customers in a manner that is consistent with the high quality and service standards with which the AT&T brand is associated.

This includes the full spectrum of BellSouth network services, both current and new including features for both business and residence markets as well as various unregulated or enhanced services such as voice mail and inside wire. All services will need to be provided in a seamless fashion so as not to impact customer service.

For all features and services described AT&T will require wholesale pricing options and service intervals in order to finalize our marketing plans. This request is separated into 4 major categories: Network Operations, Network Architecture and Services, Billing and CARE, and Pricing and Compensation.

Timing:

AT&T is requesting BellSouth to assign a dedicated professional team that is empowered to reach agreement and make decisions, to work cooperatively with AT&T to ensure that all of the required interface issues are agreed to and closed no later than December 1, 1995.

The required interfaces for the ordering, provisioning, maintenance, billing, and pricing of the various services and features must be fully tested and verified to ensure an AT&T general availability is on the first day service is made available in each state by BellSouth. AT&T is prepared to commit the necessary resources and time required to bring the negotiations to a successful conclusion as specified. AT&T welcomes the opportunity to work cooperatively to enhance system interfaces leading to a more robust and cost effective network on a going forward basis.

Any questions on this document may be addressed as follows:

Network Operations:

Ms. Kathy Taber
Room 12N17, Prom. II
1200 Peachtree St., NW
Atlanta, GA 30309
(404) 810-3102

Network Architecture/Services:

Mr. Jay Bradbury
Room 12W47, Prom. II
1200 Peachtree St., NW
Atlanta, GA 30309
(404) 810-8005

Billing and CARE:

Ms. Karen Cummings
Room 6143, Prom I
1200 Peachtree St., NW
Atlanta, GA 30309
(404) 810-3246

Pricing and Compensation:

Mr. Jack Hablak
Room 5A243B
Rts. 202 & 206N
Bedminster, NJ 07921-0752
(908) 234-8633

LOOP UNBUNDLED RESALE WITH INTERCONNECTION

Proprietary And Confidential Information

Subject to a BellSouth and AT&T
nondisclosure agreement and should not be shared except as provided thereto.

I. Network Operations

In a Loop Unbundled Resale environment, AT&T will be providing its own switching and a portion of the local facilities will belong to AT&T. It is AT&T's goal to have a working Electronic Bonding Interface (EBI) available and to bond with as many suppliers as is practical. This form of electronic communication will facilitate the Service Ordering, Provisioning and Maintenance processes.

A real time ordering and provisioning interface using electronic bonding is essential to provide AT&T operational parity with existing BellSouth customer ordering processes. Such an interface is also required for BellSouth to comply with existing legislation and regulatory rules in many states.

The requirements of Local Number Portability place a unique challenge on the Service Ordering and Provisioning processes. These requirements, while not completely determined as yet, are referred to within the framework of this agreement. Addressing a process that is not yet completely established is always dangerous due to the possibility that some key component may be omitted. AT&T requests that BellSouth keep this in mind when reading the sections of this document which relate to Local Number Portability, and be flexible in responding to those sections.

In the interim, the use of Remote Call Forwarding (RCF) as a means of limited geographic portability has been proposed. AT&T realizes that there are some drawbacks inherent in the use of RCF for this purpose and that some feature functionality can be lost. However, when a Customer changes local carriers and wants to retain their existing local telephone number a solution must be offered.

As a Service Provider, AT&T recognizes the value of servicing our products quickly and how important it is to assure our Customers that the problem will be fixed the first time. Any product or service which carries the AT&T brand must meet AT&T's requirements for prompt, friendly and efficient Customer service. To that end this section of the agreement deals with Maintenance in a Loop Unbundled Resale environment.

It is our intention to provide AT&T Customers with a single telephone number which they can call 24 hours a day, 7 days a week for the repair of their service. Logistically this presents some challenges to the current arrangement they may have with their local service. It is AT&T's desire that these challenges be transparent to the AT&T end-user and that BellSouth and AT&T work out any problems in the "Front End" process.

As with the Service Ordering and Provisioning process, AT&T would like to migrate to a standard EBI interface between the two companies. However, since BellSouth may not be ready to migrate to this platform in the time frame required we may need to establish an Interim agreement which is based on some type of workable electronic interface.

I. Network Operations (Cont'd)

If a full EBI interface is not available, we will need to develop an interim solution. One potential would be for BellSouth to provide a direct interface into the current BellSouth trouble reporting and tracking system which could be accessed from AT&T's work center. Another option could entail a gateway interface. BellSouth could provide AT&T with the interface specifications and AT&T could potentially build a gateway between its existing trouble ticketing system and the BellSouth system. These are just two possible methods of operation, AT&T is more than willing to discuss any viable options presented by BellSouth in response to this Loop Unbundled Resale agreement.

In addition to an electronic interface required to provide "real time" status to AT&T's end-users the use of the AT&T brand is especially important. To that end, AT&T would like to discuss the options for the repair service in connection with provisioning and repairing service to AT&T end-users. It is understood that this is a very sensitive issue and we are willing to work with BellSouth to meet this requirement

I. Network Operations (Cont'd)

A. Service Ordering and Provisioning Procedures

1. Provide AT&T with real time electronic means to transfer order information from AT&T to BellSouth and vice-versa.
2. BellSouth will provide AT&T with a real time response for the following
 - a. Firm Order Confirmation (FOC)
 - b. Information relative to service availability dates
 - c. Information relative to the need for a service dispatch for installation
 - d. Feature and Service availability within any given area by LSO
 - e. Service completion with related information on time and materials charges (if any)
 - f. Service errors, jeopardies and missed appointments
 - g. Any charges associated with required construction for a given service
 - h. Order Status at critical intervals to be negotiated
3. Provide AT&T with the ability to schedule installations with the Customer on line and access BellSouth's schedule availability to determine time of appointment.
4. Provide the same intervals and level of service currently being performed by BellSouth.
5. Provide AT&T with the ability to assign new telephone numbers with the Customer on line, this applies to vanity numbers as well.
6. BellSouth will allow existing Customers to retain their phone number in the event they change carriers with no loss of feature functionality.
7. Provide AT&T the ability to determine what features and functions an existing customer currently receives, with the customer consent.
8. BellSouth will provide AT&T with the required Loop testing information prior to the establishment of service so that AT&T can verify that the "end to end" service meets the established requirements.
9. BellSouth will provide AT&T with an escalation and expedite process for service ordering and provisioning in a Loop Resale environment.
10. BellSouth will make provisions to deal with misdirected AT&T end-user calls and route them to the correct AT&T service center (information to be provided), and AT&T agrees to a reciprocal arrangement with BellSouth.

I. Network Operations (Cont'd)

A. Service Ordering and Provisioning Procedures (Cont'd)

11. AT&T requires that BellSouth will provide intercept and transfer service that includes the new AT&T number.

12. AT&T requires BellSouth to describe the details and requirements on handling NPA/NXX splits with the understanding that they are controlled by the owner of the NPA/NXX.

13. AT&T requires that BellSouth provide interface agreements between Work Centers regarding systems and establishing a change control process.

14. AT&T requires that BellSouth provide non-discriminatory training for those technicians assigned to handle AT&T Local Service Customers.

15. AT&T and BellSouth agree to work cooperatively in practices and procedures regarding Law Enforcement and service annoyance handling.

16. Provide a complete definition of all unbundled services and the data elements required to provision such services.

17. Provide information about the certification process for the provisioning of DA Exempt, Prison Services, Lifeline services, etc.

18. AT&T will provide BellSouth performance metrics which BellSouth is expected to meet.

19. AT&T requires BellSouth to notify AT&T prior to disconnect of any AT&T unbundled service.

20. AT&T needs to negotiate for the handling of 911 and E911 updates to BellSouths' databases for its Loop Unbundled Resale customer base.

21. AT&T requires BellSouth to provide engineering support on all unbundled loops used for, data private line, foreign exchange, voice, etc. BellSouth is expected to engineer to current standards.

22. AT&T requires BellSouth to provide provisioning support on a 7 x 24 basis.

23. AT&T requires a jointly developed process with BellSouth to conduct Busy Line Verification (BLV) and Busy Line Interrupt (BLI).

I. Network Operations (Cont'd)

Proprietary And Confidential Information
Subject to a BellSouth and AT&T
nondisclosure agreement and should not be shared except as provided thereto.

B. Maintenance Procedures

1. BellSouth will provide AT&T with a "Real Time" electronic interface to perform the following functions related to the Maintenance process for Business and Residential (switched and special services):

- a. Trouble Ticket entry and update capabilities
- b. Review and verify test results
- c. Provide status updates on current "Open" Trouble Tickets
- d. Verify feature and function updates and corrections as they relate to an open Trouble Report
- e. Provide a means for Network Surveillance (Performance Monitoring)
- f. Provide dispatch status as well as location and ETA.

2. Provide AT&T the ability to verify and acknowledge any scheduled appointment upon receipt of the Trouble Ticket for dispatch out and customer premises when applicable.

3. BellSouth will meet the following status requirements on AT&T services:

- a. Immediate notification of any changes in trouble status, electronically
- b. The ability to retrieve the current status of any open trouble report
- c. Immediate notification when any scheduled appointment is in jeopardy

4. BellSouth will close all TOK (Test OK), NTF (No Trouble Found), and CC (Came Clear) trouble reports.

5. BellSouth will close the trouble by contacting the AT&T work center, AT&T in turn will be responsible for contacting the end-user customer.

6. BellSouth will notify AT&T immediately of any potential Network event that could have an impact on AT&T Customer's service performance. This includes any situation where AT&T leased elements are functioning on back up or emergency power.

7. BellSouth will provide AT&T with prior notification with the option for rescheduling, of any scheduled maintenance activity which has an impact on an AT&T Customer's service.

8. BellSouth technicians will clear any reported trouble to the established network interface.

9. AT&T requires the ability to test all facilities including the SLC.

I. Network Operations (Cont'd)

B. Maintenance Procedure (Cont'd)

10. BellSouth will report all associated maintenance and service charges at the time the trouble ticket is closed with the AT&T service center.
11. BellSouth and AT&T will negotiate a mutually acceptable escalation and expedite procedure for all services provided by BellSouth under this agreement.
12. BellSouth and AT&T will agree to a trouble priority and process for all trouble reports handled between the two companies.
13. AT&T and BellSouth will negotiate mutually acceptable performance metrics which will apply to the network elements which AT&T leases from BellSouth.
14. BellSouth will provide AT&T with the ability to "pre-screen" any activities which would incur charges to AT&T in order for AT&T to validate the activity. This includes, but is not limited to the dispatch of field forces to an AT&T end-users premises.
15. AT&T requires an established Disaster Recovery plan with BellSouth.
16. BellSouth will provide the AT&T work center with "real time" test results on any AT&T end user service.
17. BellSouth agrees to route repair service calls to the correct service provider (AT&T), with same dialing parity as BellSouth.
18. BellSouth will bill any applicable Time and Materials charges to AT&T, not to the end user.
19. BellSouth agrees to provide a listing of all applicable charges at the time the Trouble Ticket is closed.
20. BellSouth and AT&T agree to discuss the contracting of BellSouth technicians to perform work on AT&T end-user Customer's premises representing AT&T. This includes but is not limited to:
 - a. Providing the contracted technicians with AT&T forms for the end-user
 - b. Providing the contracted technicians with "branded" AT&T "Not at Home" cards
 - c. Providing the contracted technicians with AT&T business cards
 - d. Assuring that the technicians are trained in a non-discriminatory fashion

II. Network Architecture and Services:

In a Loop Unbundled Resale, the Quality, Integrity, and Responsiveness for provisioning and maintenance of the resold loop and interconnection to AT&T's network, is essential to AT&T in reaching an agreement

AT&T would like to work with BellSouth in developing a comprehensive response which covers these requirements, including a wholesale pricing structure that will accurately reflect the economies realized by BellSouth as a result of a wholesale tariff, that will make this alternative attractive to AT&T.

It is our desire to be able to offer via a Loop Unbundled Resale agreement, all the network capabilities and functions needed to offer residential and business customers a wide array of basic exchange services in a technically equivalent fashion to the services that are currently offered by BellSouth to its own customers. The Loop Unbundled Resale agreement includes Physical Interconnection, Co-location requirements, Signaling, Loop Unbundling, electronic interfaces for billing, provisioning, maintenance, ordering, etc., as well as access to all supporting data bases. The sections of this document which list services and feature functionality are not meant to be inclusive of, or all encompassing of BellSouth's services.

In the event that BellSouth should develop a new service or feature, AT&T would expect to be able to offer that service at the same time it is offered by BellSouth. In the pages that follow the basic requirements for Network Architecture and Services are detailed.

II. Network Architecture and Services

A. Basic Service Requirements

1. No loss of features or functionality in any of the following areas:
 - a. Same capability for either dial pulse or touch tone recognition
 - b. Same capability to complete calls to any location
 - c. Same extended local calling area
 - d. 1 + IntraLATA toll calling
 - e. PIC 1 + service
 - f. Telephone number portability
 - g. Same access to vertical features and functions
 - h. Access to Telephone Relay Service (TRS)
 - i. All CLASS and Custom Calling features and functions (e.g., caller ID)
- j. Ability to terminate local and toll calls on the same trunk group
 - k. 911, 500, 700, 800, 888, 900, 976, etc.

B. Physical Interconnection Requirements

In general, networks must be interconnected so that the customers of any local exchange carrier can seamlessly receive calls that originate on another local exchange carrier's network. Conversely, those customers must be able to originate calls that seamlessly terminate on another local exchange carrier's network. Interconnection will include access to switches, databases, signaling systems and any other facilities or information associated with originating and terminating communications. The resulting interim prices in these interconnection agreements should be based upon Total Service Long Run Incremental Cost (TSLRIC) cost studies if available.

1. Provide the ability to connect to BellSouth End Offices or Tandems to reroute or switch traffic
2. Provide access at a wholesale cost to the following BellSouth databases:
 - a. Line Information Data Base (LIDB)
 - b. 500/700/800/888/900/ number services
 - c. Calling Card verification
 - d. Installation and Repair service dispatch
 - e. 911 and E911

II. Network Architecture and Services (Cont'd)

B. Physical Interconnection Requirements

3. Provide the option for 2 - Way trunk groups with full connectivity to other Connecting Carriers, Independent Companies, and Interexchange Carriers, utilizing a design based on accepted industry standards / national guidelines such as the Network Operations Forum, for transmission standards and traffic blocking criteria. Also provide the ability to provide trunks with higher traffic standards upon request within a reasonable time frame.
4. Provide Network Management agreements covering, Safeguards, Procedures (default), and any mandated blocking options.
5. Provide the option to combine local traffic with toll traffic on the same trunk group if requested.
6. Provide "Meet Point" arrangements for exchange traffic with other Interexchange Carriers.
7. Provide the option to interconnect to any other Local Exchange carrier via the closest BellSouth Tandem, for the exchange of local traffic.
8. Provide the means for cooperative Engineering and Forecasting of service requirements.
 - a. Exchange technical descriptions and forecasts of interconnection and traffic requirements in sufficient detail to assure traffic completion to and from all customers in their respective designated service areas
 - b. Provide and/or agree to standard practices for engineering and management of the Network
 - c. Provide a means for compensation based on the percentage ownership of a given asset.
9. Establish mutual Disaster Recovery procedures.
10. Establish mutual 911 and E911 procedures (to include TDD).
11. Provide for Operator Services and Directory Assistance planning and forecasting.
12. Provide for updates to the LIDB database.
13. Provide the option to combine multiple types of traffic on the same trunk group:
 - a. Local
 - b. Toll
 - c. Access

II. Network Architecture and Services (Cont'd)

Proprietary And Confidential Information
Subject to a BellSouth and AT&T
nondisclosure agreement and should not be shared except as provided thereto.

200257

C. Co-Location Requirements

1. Follow the NEB's standard.
2. Provide protected power.
3. Provide dual entrance facilities.
4. Allow AT&T to remotely monitor its equipment.
5. Provide AT&T with BellSouth's equipment vendor approval procedures.
6. Provide AT&T with complete access to all cable racks and risers necessary for installation and maintenance of installed equipment.
7. Provide the means for *Cooperative Planning in forecasting and Space Planning* for the Co-Located areas.
8. Provide AT&T with diverse cable routing to the Co-Located space.
9. Provide AT&T with battery back up capabilities.
10. Establish procedures for notification whenever power related work is scheduled.
11. Joint power design of the Co-Located space.
12. Provide for a cooperative emergency restoration plan between AT&T and BellSouth.
13. Provide AT&T with BellSouth escalation and exception procedures.
14. Provide the AT&T location with the required level of security for spare equipment and test equipment within the AT&T/BellSouth Co-Located space.
15. Agree upon required service guarantees and performance metrics.
16. Provide for unannounced service and security inspections.
17. Provide for the protection of AT&T Customer's proprietary information.
18. Allow for AT&T technicians to install the required upgrades to equipment Co-Located in BellSouth offices.
19. Provide access to the Co-Located space on a 7x24 basis year round.
20. Provide for the remote monitoring of alarms, other than AT&T equipment alarms, such as temperature, humidity, door or cage alarms, etc.

II. Network Architecture and Services (Cont'd)

C. Co-Location Requirements

21. Provide contiguous space for all required AT&T equipment within the BellSouth office.
22. Make no restrictions on equipment type within the Co-Located space.
23. BellSouth will provide AT&T access to riser ducts.
24. BellSouth will provide AT&T access to ducts required to enter / exit the Central Office.

D. Signaling

1. Provide AT&T with the option to lease A-Links, STP's and SCP's as necessary to provide local service within the following framework:
 - a. Provide links at speeds up to 1.544 Mbs
 - b. Provide the following SCP invoked functions: (as well as new functions not identified here)
 1. connection control
 2. billing indicators
 3. play announcement
 4. request termination notification
 5. automatic call gapping
 6. AIN trigger activation/deactivation
 7. monitor resource
 - c. Provide AT&T the ability to use AT&T STP's with access to BellSouth databases, as necessary.
2. Provide AT&T complete parity in signaling features.
3. Provide AT&T SS7 signaling in accordance with the current BELLCORE / ANSI standards.
 - a. TCAP ANSI SS7 protocol
 - b. Consistent with ANSI T1S1 standards
 - c. X.25 data link to handle recent changes for the SCP
4. Provide SS7 interconnection to other Interexchange Carriers for call set-up.
5. Provide AT&T with quad diversity on D links, tri-diversity on B links, and with diversity on the A-links.

II. Network Architecture and Services (Cont'd)

Draft - Version 2

D. Signaling (Cont'd)

6. Provide AT&T access to all SS7 network management messages affecting AT&T Customers.
7. Provide a new network ID for AT&T leased, BellSouth STP's.
8. Conform to AT&T specified minimum performance metrics for the signaling network provided by BellSouth.
9. Allow AT&T STP's access to related BellSouth databases.
10. Provide for direct AT&T STP access to BellSouth SCP's via BellSouth STP's on either a local or regional basis if required.
11. Provide AT&T access to BellSouth end office (SSP) AIN triggers.
12. Provide AT&T the ability to interface with BellSouth STP's via links directly from an AT&T switch to BellSouth's STP.
 - a. Provide for joint engineering of these links
 - b. Provide feature / function parity
 - c. Allow for interface with AT&T owned STP's and with the STP's of other CLEC's and Interexchange Carriers
 - d. Allow for the exchange of Local traffic as well as Toll traffic
13. Provide modified Operator signaling using Feature Group - C for Operator Services.

II. Network Architecture and Services (Cont'd)

E. Loop Unbundling

1. BellSouth will provide AT&T access to both Voice and ISDN capable Loops.
 - a. 2-Wire voice grade POTS service
 - b. 2-Wire ISDN capable
 - c. 4-Wire data capable
 - d. 4-Wire DS-1 capable
 - e. Multiplexing capability where facilities and equipment are available before the hand-off to a Co-Located space.
 - f. Analog copper unloaded loop direct to the premises (meets BELLCORE standard), or, unbundled at the SLC with BELLCORE ISDN grade distribution to the premises, or, upgrade to TR303 virtual terminal.
2. Allow AT&T to utilize the BellSouth MDF as a Point of Interconnection.
3. Assurance that the Local Loop and End User provisioning intervals are equal.
4. Provide for cooperative testing practices.
5. Allow AT&T Technicians access to BellSouth test results in order to assure end to end testing has been completed and meets AT&T requirements for service installation.
6. Provide AT&T with advance notification of any work on AT&T leased loops.
7. Establish a restoration procedure for AT&T priority Customers that meets the following conditions:
 - a. Provides parity for AT&T Customers with BellSouth Customers, first in, first out.
 - b. Provides for the ability to establish priority Customers and restore them accordingly.
8. Assure the compatibility of Loops served by DLC's and their impact on voice quality.
9. Meet or exceed the current industry requirements for ERL and SRL on Local Loops.
10. Provide access to SLC Loops and SLC distribution points.
11. Provide the required engineering data for Loops leased by AT&T.
12. Provide Loops that meet or exceed the accepted industry/national guidelines (e.g. Network Operations Forum, et.al.) for transmission standards.
13. Access to BellSouth infrastructure records in a manner where AT&T knows what cable, wire, fiber is available by location.

II. Network Architecture and Services (Cont'd)

Proprietary And Confidential Information
Subject to a BellSouth and AT&T
nondisclosure agreement and should not be shared except as provided thereto.

F. Right of Way Issues

1. BellSouth will make its conduits and Right's of Way available to AT&T at non-discriminatory cost based rates.
2. Provide AT&T with copies of existing pole prints.
3. Provide AT&T with copies of existing conduit prints.
4. Provide AT&T with a SPOC for Structure lease agreements.
5. BellSouth will not block private party assignment of ROW; and will provide access if they hold the right to assign.
6. Provide AT&T a customized diagram of the conduit system based on negotiation.
7. Allow AT&T personnel to examine prints at BellSouth Central Offices.
8. Permit manhole interconnections, breaking out of their manholes, and breaking out of BellSouth conduit by AT&T.
9. Provide information regarding the availability of conduit within 10 business days of receiving a written request from AT&T.
10. BellSouth will make conduit space available to AT&T within 10 business days after they receive written confirmation from AT&T that the space is wanted.
11. BellSouth will complete "make ready" work at cost and within a reasonable time frame which can be negotiated between BellSouth and AT&T.
12. BellSouth agrees to remove unused and / or obsolete cable from the conduit to allow for the efficient use of the available conduit space.
13. Permit AT&T personnel to be present to check manholes (with advance notice provided by AT&T).

II. Network Architecture and Services (Cont'd)

G. NXX Assignment and Administration

1. Provide AT&T with the capability to assign telephone numbers "on line", providing AT&T with electronic access to the number assignment system, for "real time" on-line number assignment.

2. Provide AT&T the capability to request and receive "Vanity" numbers on a real time basis.

3. Provide AT&T with the capability to reassign (coincident with an end users request), or obtain any BellSouth controlled number within the geographic boundaries of the LSO, consistent with the current numbering plan.

4. Provides equal participation and agreement with N11 assignments with AT&T.

5. Provides equal access to Identification of MINS (cellular).

6. Provides equal participation and management of NPA and NXX management issues.

7. BellSouth agrees to number assignment arbitration by a neutral 3rd party, not Bellcore.

8. BellSouth agrees for long term NPA / NXX Assignment and Administration the following:

a. Establish a neutral third party for the furnishing and administration of numbers

b. Establish a SPOC for the reservation of numbers on a 7 x 24 basis

c. Maintain sufficient numbers to meet the needs of all Local Service providers

9. Provide AT&T the capability to obtain new NXX's at the same speed as BellSouth.

10. Provide LERG reassignment in blocks of 100 numbers (avoid 10 digit routing in AT&T switch).

11. BellSouth agrees to assign a minimum of one (1) NXXs per rate center, or one (1) per Central Office to AT&T exclusively.

II. Network Architecture and Services (Cont'd)

H. Number Portability

BellSouth will commit to have full and true number portability by January 1, 1997.

1. BellSouth and AT&T will work out a means for number portability that is consistent across all nine BellSouth states until true number portability is available.
2. BellSouth will support a database solution with one (1) LNP dip per call.
3. BellSouth agrees to the establishment of an Industry wide SMS managed by an independent third party.
4. BellSouth agrees to "Service Provider" portability with limited location portability.

I. Directory Assistance

1. BellSouth will provide the following capabilities exactly as BellSouth provides to their customers on a going forward basis:

- a. Provide 2 customers or numbers and or addresses per call
- b. Provide name and address upon request except for unlisted numbers
- c. Provide a service that carries the AT&T brand or no brand if branding is not technically possible.
- d. Agree that charges associated with AT&T Directory Assistance are set by AT&T.
- e. Provide data (listing data base) that is timely and at parity with BellSouth.
- f. Any Information provided by Automatic Response Unit (ARU) is repeated twice.
- g. Provide automatic call completion (AT&T retains profits)
 1. Route the caller to AT&T for all toll calls.
- h. Provide service at same levels as BellSouth and subject to same performance metrics:
 1. number of rings to answer
 2. average work time
 3. disaster recovery options
- i. Provide a service for customers moving service
 1. refer to new 10 digit number
 2. repeat new number twice on referral
 3. refer to new appropriate DA
 4. repeat recording twice

Proprietary And Confidential Information

Subject to a BellSouth and AT&T
nondisclosure agreement and should not be shared except as provided thereto.

II. Network Architecture and Services (Cont'd)

I. Directory Assistance (Cont'd)

2. Exemptions:

- a. Provide the ability to waive charges for handicapped customers.
- b. Provide a process to verify and document a customer's exempt status.

3. Provide the option to purchase resale service without associated Directory Assistance to AT&T in an unbundled offering.

- a. Provide AT&T with access to Directory Assistance data so that AT&T can self provision it's own Directory Assistance service.
- b. Provide the capability to route AT&T customers 411 calls to AT&T.

J. Listings

1. White pages requirements:

- a. Lists at no cost to AT&T (1st number free)
- b. Distribution of directory to AT&T customers coincidence with receipt of White Pages by BellSouth customer.
- c. List of AT&T services and information (price, features, availability) similar to BellSouth
- d. Provide wholesale prices to AT&T which reflect BellSouth's avoided costs.
- e. Unlisted / unpublished discount
- f. Provide a discount for multiple listings
- g. Recycle AT&T's Customer directories and books

2. Yellow pages requirements:

- a. Provide a "real time" knowledge of deadlines
- b. Provide a commission on advertisements from AT&T
- c. Distribution of directory to AT&T customers coincidence with receipt of Yellow Pages by BellSouth customer.
- d. Provide wholesale prices to AT&T which reflect BellSouth's avoided costs.

3. Exemptions:

- a. Provide the ability to waive charges for handicapped customers
- b. Provide a process to verify and document a customer's exempt status

4. AT&T requires BellSouth to list AT&T in the front of the directory as a local service provider for the area with all appropriate information and telephone numbers.

II. Network Architecture and Services (Cont'd)

K. Operator Services

1. Provide AT&T Operator Services accessible by "0+" and "0-" dialing.
2. Provide AT&T a full range of Operator Service functions identical to those which BellSouth provides to its customers.
3. Provide the Operator Services "branded" as AT&T complete with the "AT&T sparkle tone bong".
4. AT&T will provide to BellSouth performance metric's for the provision of this service which will include:
 - a. Number of rings to answer
 - b. Average work time
 - c. Disaster Recovery (work stoppage, technical failure, natural disaster, weather)
5. Provide Operator Services to AT&T in an unbundled offering.
6. Provide the following capabilities including but not limited to:
 - a. Calling Card Services (entry, verification, and intercept)
 - b. Instant credit on calls
 - c. Time and charges
 - d. Route calls to AT&T when requested
 - e. Busy Line Verification/Emergency Intercept (BLV/EI)
 - f. Emergency calls
 - g. Notification of the length of call
 - h. Hotel/Motel services
 - i. Real time rating of calls
 - j. Handicapped caller assistance
 - h. Third party billing
 - i. Collect: Person to Person / Station to Station calls

L. Lifeline Service

1. Provide the capabilities required for Lifeline services exactly as BellSouth provides to their customers on a going forward basis, this includes a billing plan, access to the subsidy pool, etc.

M. Service Assurance Warranty (SAWS)

1. Provide a service quality guarantee to AT&T which will be accomplished by offering a credit when BellSouth does not meet the service quality requirements as specified by AT&T.
2. This service guarantee is applicable but not limited to:
 - a. Call Satisfaction Credit
 - b. Service Interruption Guarantee

II. Network Architecture and Services (Cont'd)

Proprietary And Confidential Information
Subject to a BellSouth and AT&T
nondisclosure agreement and should not be shared except as provided thereto.

M. Service Assurance Warranty (SAWS)

- c. Installation/Repair Satisfaction Credit
- d. Service Order Satisfaction Credit

N. 911

1. Provide access to 911 / E-911 in a transparent manner to the end user.
2. Provide the ability to populate the 911 databases in a timely manner at parity with BellSouth.

O. Inside Wire

1. Provide Inside Wire service maintained by BellSouth and branded as AT&T.
2. Establish a mutually beneficial arrangement to resell Inside Wire provisioning and maintenance.
3. Transfer the Inside Wire contract to AT&T for Local AT&T customers.

P. Disaster Recovery

1. Agree to mutual participation in Disaster Recovery plans.
2. Provide timely notification of any outage which has an effect on AT&T Customers:
 - a. Central Office outages
 - b. Facility outages such as cable cuts, repeater failures, etc.
 - c. Commercial power outages
 - d. Load sharing situations
 - e. Subscriber Loop problems
 - f. Signaling network problems
 - g. General network congestion
 - h. Any other issue which has or could have a negative effect on AT&T Customer service

Q. Payphone Services

1. BellSouth will provide the ability to procure Payphone service at a wholesale price that is commercially viable.

LOOP UNBUNDLED RESALE WITH INTERCONNECTION

II. Billing and C.A.R.E.

A. Billing Requirements for Local and IntraLATA Toll

AT&T expects charges for Local and IntraLATA Toll Resale to be rendered using existing billing systems. The Standard Access Billing Requirements (SABR) for Local/Resale document will enable AT&T and the billing entity to efficiently manage their Local and IntraLATA Toll Resale billing data and financial transactions. The SABR document provides the billing entities with AT&T's resale billing requirements.

The SABR document is to be used in conjunction with the current industry standard guidelines for access billing. These standard guidelines are Carrier Access Billing System (CABS) and Small Exchange Carrier Access Billing (SECAB). Billable components of the Local/Resale service not cared for in the current industry standards will be identified to AT&T by the billing entity and AT&T will provide appropriate billing documentation.

Following are the business and billing principles which should be used when billing to AT&T:

1. BellSouth will participate in a Local/Resale Bill Certification Process as defined by the SABR document (Section 5) to ensure quality and financial assurance controls throughout AT&T and BellSouth's processes. Billing accuracy is the sole responsibility of BellSouth.
2. BellSouth will work with AT&T to facilitate accurate and timely billing as defined by the SABR document (Section 3).
3. BellSouth will provide a mechanized bill as defined by the SABR document (Section 4, 5 & 6) and utilizing the electronic data transmission Connect: Direct.
4. BellSouth and AT&T will agree to an annual Supplier Quality Certification Review to be conducted by AT&T.
5. The existing CABS Billing Output Specifications (BOS) documents provide guidelines for how to render a bill. Additional information that is required to be uniquely identified when rendering Local/Resale charges per the SABR document (Section 7) are as follows:
 - a. BellSouth will bill charges/credits for Primary Interexchange Carrier (PIC) change charges separately from the Local/Resale bill.
 - b. BellSouth will use the same structure as documented in CABS for a Switched Access Bill.
 - c. Specific Account Level, Jurisdiction and Service/Feature codes are delineated.

For a complete and comprehensive list of AT&T's Local/Resale billing requirements the SABR document, current issue must be consulted.

Proprietary And Confidential Information
Subject to a BellSouth and AT&T
nondisclosure agreement and should not be shared except as provided thereto.

III. Billing and C.A.R.E. (Cont'd)

B. Data Transfer Requirements

(detail can be found in the AT&T Local Resale Data Transfer Requirements LRDR)

BellSouth will provide the following to AT&T:

1. Unrated EMI records per ESRD.
2. IntraLATA Toll usage.
3. Local usage.
4. Rated Incollets sent rated.
5. Message packed by Send to: / Bill to: RAO.
6. Transport facility which conforms to IDIS.
7. Transmission via CONNECT: Direct.
8. Information via courier if required.
9. Tape data will conform to Attachment "A" of the LRDR.
10. Data to be delivered Monday through Friday except negotiated agreed to Holidays.
 11. Contracts, IDS, volumes by sending location.
 12. Any rejected packs will be corrected and resent.
 13. Packs tracked by invoice sequencing criteria.
 14. Data compaction will be done per Attachment "B" of LRDR.
 15. Pack size is 1 to 99,999 plus the header and trailer.
 16. Daily transmission of up to 99 packs, maximum.
 17. Data set minimum of 1 pack.
 18. Only one data set per Sending Location
 19. Pack Header Record per LRDR (page 8)
 20. Pack Trailer Record per LRDR (page 9)
 21. Data set name per LRDR (page 10)
 22. AT&T will provide Data control reports
 23. Existing detail edits to be performed
 24. Perform error correction as required
 25. AT&T will return unguided messages
 26. Interface testing between BellSouth and AT&T
 27. Operational Testing between AT&T and BellSouth
 28. Test files via CONNECT: Direct
 29. Periodic review of control procedures
 30. Data back up retained for 45 days
 31. Provide mutual written change notification
 32. Billing capability for Automatic Call Completion on DA service

II. Billing and C.A.R.E. (Cont'd)

C. C.A.R.E. Requirements

1. Timely exchange of Customer account information between Local Service Providers and Long Distance Providers.
2. Work with a Clearinghouse or other viable option (flow through point for information).
3. Provide a long-term system operated by a neutral third party.
4. Reach agreement on a workable interim solution.
5. All activity transactions sent according to the Local Service Provider.
6. Long Distance Carriers are informed of an new Local Service Providers and vice-versa.
7. An indicator to separate the Local Service Provider from an Access Provider.
8. Long Distance Providers require the following information:
 - a. Customer activity
 - b. Responses to orders
 - c. Requests for Billing Name and Address (BNA)
 - d. Customer Record
9. Local Service Providers are to provide the required information.
10. Performance metric's for the process to be negotiated between BellSouth and AT&T.
11. Data transmission as negotiated between the two parties, AT&T and BellSouth.
12. Customer information to be supplied as required by the C.A.R.E. / ISI.
13. Customer activity communications as defined by the Transaction Code Status Indicator (TCSI).
14. Expanded detail can be found in the AT&T C.A.R.E. Clearinghouse Requirements - 6/19/95

LOOP UNBUNDLED RESALE WITH INTERCONNECTION

IV. Pricing and Compensation

BellSouth's monopoly Basic Network Functions (BNFs) and all retail services must be available for unrestricted resale. Unbundled BNFs must be priced at Total Service Long Run Incremental Costs (TSLRIC). Retail services must be made available at economically viable rates. In the short term, estimation of the appropriate discount will have to be based on a tops-down approach which looks at (1) avoidable costs, i.e., marketing, billing, etc., and (2) inferior access to LEC customer support systems (Electronic bonding). The long term solution will require a bottom up approach in which all wholesale services will be based on local service elements priced at TSLRIC.

Proprietary And Confidential Information

Subject to a BellSouth and AT&T

nondisclosure agreement and should not be shared except as provided thereto.

26

11/14/95

200271

DRAFT - Version 4

AT&T Communications, Inc.
Total Service Resale Planning Document
for
Network Operations, Network Services, Billing and CARE,
and Pricing and Compensation
in the
Local Exchange Service Marketplace

Proprietary and Confidential Information
Subject to a BellSouth and ATT
nondisclosure agreement and should not be shared except as provided thereto

12/20/95

301
200272

Table of Contents

<u>Subject</u>	<u>Page Number</u>
Preface	2
Contact Listing	3
<u>Total Service Resale</u>	
I. Network Operations	4
A. Service Ordering and Provisioning	5
B. Maintenance Procedures	7
II. Network Architecture and Services:	9
A. Basic Service Requirements	10
B. NXX Assignment and Administration.....	11
C. Directory Assistance	11
D. Listing	12
E. Operator Services	12
F. Lifeline Service	13
G. Service Assurance Warranty (SAWS)	13
H. 911	14
I. Inside Wire	14
J. Disaster Recovery	14
K. Payphone Services	14
III. Billing and C.A.R.E.....	15
A. Requirements for Local and IntraLATA Toll	15
B. Data Transfer Requirements	16
C. CARE Requirements	17
IV. Pricing and Compensation	18
<u>Appendices</u>	
1. Standard Access Billing Requirements (SABR)	
2. Local Resale Data Transfer Requirements (LRDTR)	

AT&T Communications, Inc.
Total Service Resale Planning Document
for
Network Operations, Network Services, Billing and CARE,
and Pricing and Compensation
in the
Local Exchange Service Marketplace

Preface:

AT&T is certified to enter the local exchange market in Tennessee and is considering entering in BellSouth's remaining eight states. In anticipation of these filings AT&T is investigating viable alternatives available through which this service may be provided.

This may be accomplished through "Total Service Resale" and/or "Loop Resale" that will provide AT&T with the ability to service Customers in a manner that is consistent with the high quality and service standards with which the AT&T brand is associated. This document specifically addresses Total Service Resale.

This includes the full spectrum of BellSouth network services, both current and new including features for both business and residence markets as well as various unregulated or enhanced services such as voice mail and inside wire. All services will need to be provided in a seamless fashion so as not to impact customer service.

For all features and services described AT&T will require wholesale pricing options and service intervals in order to finalize our marketing plans. This request is separated into 4 major categories: Network Operations, Network Architecture and Services, Billing and CARE, and Pricing and Compensation.

Timing:

AT&T is requesting BellSouth to assign a dedicated professional team that is empowered to reach agreement and make decisions, to work cooperatively with AT&T to ensure that all of the required interface issues are agreed to and closed no later than December 1, 1995.

The required interfaces for the ordering, provisioning, maintenance and billing of the various services and features must be fully tested and verified to ensure AT&T's general availability is on the first day service is made available in each state by BellSouth. AT&T is prepared to commit the necessary resources and time required to bring the negotiations to a successful conclusion. AT&T welcomes the opportunity to work cooperatively to enhance system interfaces leading to a more robust and cost effective network on a going forward basis.

Any questions on this document may be addressed as follows:

Network Operations:

Ms. Kathy Taber
Room 12N17, Prom. II
1200 Peachtree St., NW
Atlanta, GA 30309
(404) 810-3102

Network Architecture/Services:

Mr. Jay Bradbury
Room 12W47, Prom. II
1200 Peachtree St., NW
Atlanta, GA 30309
(404) 810-8005

Billing and CARE:

Ms. Sue Ray
Room 12N04, Prom. I
1200 Peachtree St., NW
Atlanta, GA 30309
(404) 810-3123

Pricing and Compensation:

Ms. Karen Cummings
Room 6143 Prom. I
1200 Peachtree St., NW
Atlanta, GA 30309
(404) 810-3246

TOTAL SERVICE RESALE

I. Network Operations:

The operational requirements associated with Total Service Resale concentrate primarily on the ability of AT&T to order service in a seamless fashion from BellSouth. Once that order is placed the provisioning of the service is internal to BellSouth and the only input AT&T has to this process involves performance metrics associated with the provisioning of the service as promised to our customer. As AT&T will make clear throughout this document the Quality, Integrity, and Responsiveness for provisioning and maintenance of the resale services, is essential to AT&T in reaching an agreement.

A real time ordering and provisioning interface using electronic bonding is essential to provide AT&T operational parity with existing BellSouth customer ordering processes. Such an interface is also required for BellSouth to comply with existing legislation and regulatory rules in many states.

Also associated with Total Service Resale is the provisioning of Voice Mail services and Inside Wiring. Since both of these functions are not tariffed and fall outside regulatory requirements, AT&T will address them accordingly. Please advise as soon as possible if it is appropriate for AT&T to negotiate these services separately. The issue of branding is particularly important in both the Voice Mail and Inside Wire offers so we request that this be a part of BellSouth's response.

As a Service Provider, AT&T recognizes the value of servicing our products quickly and how important it is to assure our customers that the problem will be fixed the first time. Any product or service which carries the AT&T brand must meet AT&T's requirements for prompt, friendly and efficient customer service.

It is our intention to provide AT&T customers with a single telephone number which they can call 24 hours a day, 7 days a week for the repair of their service. Logistically this presents some challenges to the current arrangement they may have with their local service. It is AT&T's desire that these challenges be transparent to the AT&T end-user and that BellSouth and AT&T work out any problems in the "Front End" process.

As with the Service Ordering and Provisioning process, AT&T would like to migrate to a standard EBI interface between the two companies. However, since BellSouth may not be ready to migrate to this platform in the time frame required we may need to establish an interim agreement which is based on some type of workable electronic interface.

If a full EBI interface is not available, we will need to develop an interim solution. One potential would be for BellSouth to provide a direct interface into the current BellSouth trouble reporting and tracking system which could be accessed from AT&T's work center. Another option could entail a gateway interface. BellSouth could provide AT&T with the interface specifications and AT&T could potentially build a gateway between its existing trouble ticketing system and the BellSouth system. These are just two possible methods of operation, AT&T is more than willing to discuss any viable options presented by BellSouth in response to this Total Resale Agreement.

In addition to an electronic interface required to provide "real time" status to AT&T's end-users the use of the AT&T brand is especially important. To that end, AT&T would like to discuss the options for the repair service in connection with provisioning and repairing service to AT&T end-users. It is understood that this is a very sensitive issue and we are willing to work with BellSouth to meet this requirement.

I. Network Operations (Cont'd)

A. Service Ordering and Provisioning Procedure

1. Provide AT&T with real time electronic means to transfer order information from AT&T to BellSouth and vice-versa.
2. BellSouth will provide AT&T with a real time response for the following items:
 - a. Firm Order Confirmation (FOC)
 - b. Information relative to service availability dates (e.g. internal guide)
 - c. Information relative to the need for a service dispatch for installation
 - d. Feature and Service availability within any given area by LSO and Street Address
 - e. All Service order completions with related information on time and materials charges (if any). Provide form for end user signature when time and materials are required.
 - f. Service order errors, jeopardies and missed appointments
 - g. Any charges associated with required construction for a given service
 - h. Order Status at critical intervals to be negotiated for complex and designed services.
3. Provide AT&T with the ability to schedule installations with the Customer on line and access BellSouth's schedule availability to determine time of appointment.
4. Provide the same intervals and level of service currently being performed by BellSouth.
5. Provide AT&T with the ability to assign new telephone numbers with the Customer on line, this applies to vanity numbers as well.
6. BellSouth will allow existing Customers to retain their phone number in the event they change carriers with no loss of feature functionality.
7. Provide AT&T the ability to determine what features and functions an existing customer currently receives, with the customer consent.
8. AT&T requires BellSouth to provide where services and features are available, to street address detail, that includes type of Class 5 Switch by CLLI.
9. Provide a complete definition of all services, features, and functions available and any ancillary data required by BellSouth from the Customer to provision these services.
10. Provide information about the certification process for the provisioning of DA Exempt, Prison Services, Lifeline services, etc.
11. AT&T will provide BellSouth performance metrics which BellSouth is expected to meet.
12. AT&T requires BellSouth to notify AT&T if a customer requests changes to service at the time of installation.
13. AT&T requires adequate test and turn-up procedures to support the services and features ordered by AT&T.

I. Network Operations (Cont'd)

A. Service Ordering and Provisioning Procedure (Cont'd)

14. AT&T requests that BellSouth identify those areas where Multiserve and Multiserve + is available, including type of Centrex, and that BellSouth provide the required information for the Ordering and Provisioning of Centrex Services in those areas.

15. AT&T requires that BellSouth notify AT&T prior to Service termination, (Disconnect), or the termination of any service, feature or function by an AT&T Customer. (NOTE: since AT&T is BellSouth's customer of record the end-user CANNOT order a disconnect of AT&T service.)

16. AT&T requires that BellSouth provide intercept and transfer service as tariffed.

17. AT&T and BellSouth will develop a mutually agreeable escalation and expedite process for Service Ordering and Provisioning.

18a. AT&T requires BellSouth to describe the details and requirements on handling area transfers with the understanding that they are controlled by the owner of the NPA/NXX.

b. AT&T requires BellSouth to describe the details and requirements on handling LATA boundary changes.

19. AT&T requires that BellSouth provide interface agreements between Work Centers regarding systems and establishing a change control process.

20. AT&T requires that BellSouth provide non-discriminatory training for those technicians assigned to handle AT&T Local Service Customers.

21. Provide AT&T the ability to order a suspension on AT&T Local customers service upon request.

22. Provide AT&T the ability to deny service to a given AT&T end-user for non-payment of a bill in accordance with the PUC regulations.

23. Provide blocking of 700, 800, 888, 900, and 976, etc., services upon request from AT&T on a line, trunk or individual service basis.

24. AT&T and BellSouth agree to work cooperatively in practices and procedures regarding Law Enforcement and service annoyance handling.

25. AT&T would like a process established whereby misdirected calls can be routed correctly, e.g. reciprocal agreement for on-line transfer to business office, repair, etc.

26. AT&T needs to negotiate for the handling of 911 and E911 updates to BellSouth's databases for its Total Resale Customer base.

27. AT&T would like BellSouth to provide engineering support for all Special Services which are covered under a Total Resale offer, e.g. Data Services, Voice Grade private lines, intermediate bit rate services, Primary Rate ISDN services, Broadband services and Packet services, etc.

I. Network Operations (Cont'd)

B. Maintenance Procedures

1. BellSouth will provide AT&T with a "Real Time" electronic interface to perform the following functions related to the Maintenance process:

- a. Trouble Ticket entry and update capabilities
- b. Review and verify test results
- c. Provide status updates on current "Open" Trouble Tickets
- d. Verify feature and function updates and corrections as they relate to an open Trouble Report
- e. Provide a means for notifying AT&T of Switched Failures
- f. Provide dispatch status as well as location and ETA
- g. Testing

2. Provide AT&T the real time ability to verify and acknowledge any scheduled appointment upon receipt of the Trouble Ticket.

3. BellSouth will meet the following status requirements on AT&T services:

- a. Immediate notification of any changes in trouble status, electronically
- b. The ability to retrieve the current status of any open trouble report
- c. Immediate notification when any scheduled appointment is in jeopardy

4. BellSouth will close all TOK (Test OK), NTF (No Trouble Found), and CC (Came Clear) trouble reports with AT&T's work centers.

5. BellSouth will close the trouble by contacting the AT&T work center, AT&T in turn will be responsible for contacting the end-user Customer.

6. BellSouth will immediately notify AT&T of any Network event which impacts AT&T end-users. AT&T would prefer a real time monitoring arrangement if this is feasible.

7. BellSouth agrees to notify the AT&T work center of any scheduled maintenance activity which could have an impact on the service provided to AT&T end-users, and negotiate release with AT&T.

8. AT&T would like to negotiate a workable Disaster Recovery plan with BellSouth and agree to perform quarterly tests of the process.

a. For BellSouth Work Centers

b. For BellSouth Network Components

9. BellSouth will provide the AT&T work center with "real time" test results on any AT&T end-user service.

10. BellSouth agrees to route repair service calls to the correct service provider (AT&T), with same dialing parity as BellSouth.

Proprietary And Confidential Information
Subject to a BellSouth and AT&T
nondisclosure agreement and should not be shared except as provided thereto.

I. Network Operations (Cont'd)

B. Maintenance Procedures (Cont'd)

11. BellSouth will bill any applicable tariffed maintenance and service charges to AT&T, not to the end user. AT&T will provide an address and contact for all applicable tariffed charges.
12. BellSouth agrees to provide a listing of all applicable charges at the time the Trouble Ticket is closed.
13. BellSouth will use an AT&T branded form any time an AT&T end-user is contacted relative to a trouble report, maintenance charges or any applicable service charges.
14. A BellSouth Technician will clear any reported trouble to the end-user's network interface.
15. BellSouth will provide an on-line transfer of any AT&T end-user "misdirected" trouble call to the AT&T repair center.
16. AT&T and BellSouth will negotiate performance metric's for Service repair.
17. Provide AT&T with an "escalation" and "expedite" process for Maintenance.

Total Service Resale

II. Network Architecture and Services:

The Architecture of the Network in a Total Resale environment is the Architecture of the BellSouth Network as it is today and evolves in the future. As a potential re-seller of that Network, AT&T is interested in the flexibility and diversity that BellSouth has designed into it.

Flexibility and Diversity are not limited to the physical network alone, but are also tied to the variety of service offerings that AT&T can offer to its Customer base. We would like to work with BellSouth in developing a comprehensive response which covers these requirements, including a wholesale pricing structure that will accurately reflect the economies realized by BellSouth as a result of a wholesale tariff, that will make this alternative attractive to AT&T.

It is our desire to be able to offer via a Total Resale agreement, all the network capabilities and functions needed to offer residential and business customers a wide array of basic exchange services in a technically equivalent fashion to the services that are currently offered by BellSouth to its own customers. The Total Resale agreement includes electronic interfaces for billing, provisioning, maintenance, ordering, etc., as well as access to all supporting data bases. The sections of this document which list services and feature functionality are not meant to be inclusive of, or all encompassing of BellSouth's services. In the event that BellSouth should develop a new service or feature, AT&T would expect to be able to offer that service at the same time it is offered by BellSouth.

II. Network Architecture and Services:

A. Basic Service Requirements

1. No loss of features or functionality in any of the following areas:

- a. Same dial tone and ring
- b. Same capability for either dial pulse or touch tone recognition
- c. Same capability to complete calls to any location
- d. Same extended local calling area
- e. 1 + IntraLATA toll calling
- f. PIC 1 + service
- g. CIC dialing
- h. Telephone number portability
- i. Same access to vertical features and functions
- j. Call detail recording capability required for end user billing
- k. Access to Telephone Relay Service (TRS)
 - l. All CLASS and Custom Calling features and functions (e.g., caller ID)
- m. Centrex
- n. Flat and Measured Services
- o. International Calling
- p. 911, 500, 700, 800, 888, 900, 976, etc.
- q. Provide the following End Office features:
 1. Distinctive ringing
 2. Repeat dial capability
 3. Multi-line hunting
- r. Provide the following feature capabilities allowing for Memory Call services:
 1. SMDI - Station Message Desk Interface
 2. MWI - Message Waiting Indicator
 3. CF-B/DA - Call Forward on Busy / Don't Answer
- s. Trunk Local connectivity to PBXs and Direct Inward Dialed Services

II. Network Architecture and Services (Cont'd)

B. NXX Assignment and Administration

1. Provide AT&T with the capability to assign telephone numbers "on line", providing AT&T with electronic access to the number assignment system, for "real time" on-line number assignment.
2. Provide AT&T the capability to request and receive "Vanity" numbers on a real time basis.
3. Provide AT&T with the capability to reassign (coincident with an end users request), or obtain any BellSouth controlled number within the geographic boundaries of the LSO, consistent with the current numbering plan.
4. Establish a SPOC for the reservation of numbers on a 7x24 basis.
5. Maintain sufficient numbers to meet the needs of all Local Service Providers.
6. BellSouth is responsible for the reservation and aging of numbers.

C. Directory Assistance

1. BellSouth will provide AT&T the following capabilities exactly as BellSouth provides them to their customers on a going forward basis:
 - a. Provide 2 customers or numbers and or addresses per call
 - b. Provide name and address upon request except for unlisted numbers
 - c. Provide call completion to the requested number when requested
 1. Local
 2. Toll
 - d. Provide a service that carries the AT&T brand or no brand if branding is not technically possible.
 - e. Provide data (listing data base) that is timely and at parity with BellSouth.
 - f. Any information provided by Automatic Response Unit (ARU) is repeated twice.
 - g. Provide service at same levels as BellSouth and subject to same performance metric's.
 1. number of rings to answer
 2. average work time
 3. disaster recovery options
 - h. Provide intercept service for customers moving service
 1. refer to new 10 digit number
 2. repeat new number twice on referral
 3. repeat recording twice
2. Exemptions:
 - a. Provide the ability to waive charges for handicapped customers.
 - b. Provide a process to verify and document a customer's exempt status.

II. Network Architecture and Services (Cont'd)

C. Directory Assistance (Cont'd)

3. Provide the option to purchase resale service without associated Directory Assistance to AT&T in an unbundled offering.

- a. Provide AT&T with access to Directory Assistance data so that AT&T can self provision its own Directory Assistance service.
- b. Provide the capability to route AT&T customers 411 calls to AT&T

D. Listings

1. White pages requirements:

- a. Listings at no cost to AT&T (1st number free)
- b. Distribution of directory to AT&T customers coincident with receipt of White Pages by BellSouth customer
- c. List of AT&T services and information (price, features, availability) similar to BellSouth
- d. Provide wholesale prices to AT&T which reflect BellSouth's avoided costs.
- e. Unlisted / unpublished discount
- f. Provide a discount for multiple listings
- g. Recycle AT&T's Customer directories and books
- h. AT&T's end user listings will be excluded from Lists Sales

2. Yellow pages requirements:

- a. Provide a "real time" knowledge of deadlines
- b. Distribution of directory to AT&T customer's coincident with receipt of Yellow Pages by BellSouth customer
- c. Provide wholesale prices to AT&T which reflect BellSouth's avoided costs.
- d. Provide a commission on advertisements from AT&T

3. Exemptions:

- a. Provide the ability to waive charges for handicapped customers
- b. Provide a process to verify and document a customer's exempt status

4. AT&T requires BellSouth to list AT&T in the front of the directory as a local service provider for the area with all appropriate information and telephone numbers.

II. Network Architecture and Services (Cont'd)

E. Operator Services

1. Provide to AT&T Operator Services accessible by "O+" and "O-" dialing.
2. Provide to AT&T a full range of Operator Service functions identical to those which BellSouth provides to its customers.
3. Provide the Operator Services "branded" as AT&T complete with the "AT&T sparkle tone bong".
4. AT&T will provide to BellSouth performance metric's for the provision of this service which will include:
 - a. Number of rings to answer
 - b. Average work time
 - c. Disaster Recovery (work stoppage, technical failure, natural disaster, weather)
5. Provide the following capabilities including but not limited to:
 - a. Calling Card Services (entry, verification, and blocking)
 - b. Instant credit on calls
 - c. Time and charges
 - d. Route calls to AT&T when requested
 - e. Busy Line Verification/Emergency Intercept (BLV/EI)
 - f. Emergency calls
 - g. Notification of the length of call
 - h. Hotel/Motel services
 - i. Real time rating of calls
 - j. Handicapped caller assistance
 - k. Third party billing
 - l. Collect: Person to Person / Station to Station calls
6. Provide the option to purchase resale service without associated Operator Service to AT&T in an unbundled offering.

F. Lifeline Service

1. Provide the capabilities required for Lifeline services exactly as BellSouth provides to their customers on a going forward basis, this includes a billing plan, access to the subsidy pool, etc.

G. Service Assurance Warranty (SAWS)

1. Provide a service quality guarantee to AT&T which will be accomplished by offering a credit when BellSouth does not meet the service quality requirements as specified by AT&T.

II. Network Architecture and Services (Cont'd)

G. Service Assurance Warranty (SAWS) (Cont'd)

2. This service guarantee is applicable but not limited to:

- a. Call Satisfaction Credit
- b. Service Interruption Guarantee
- c. Installation/Repair Satisfaction Credit
- d. Service Order Satisfaction Credit

H. 911

1. Provide access to 911 / E-911 in a transparent manner to the end user.
2. Provide the ability to populate the 911 databases in a timely manner at parity with BellSouth.
3. Provide 911 detailed rating information (city, county, state, etc.)

I. Inside Wire

1. Provide Inside Wire service maintained by BellSouth and branded as AT&T.
2. Establish a mutually beneficial arrangement to resell Inside Wire provisioning and maintenance.
3. Transfer the Inside Wire maintenance contract to AT&T for its' Local customers.

J. Disaster Recovery

1. Agree to mutual participation in Disaster Recovery plans.
2. Provide timely notification of any outage which has an effect on AT&T customer's:
 - a. Central Office outages
 - b. Facility outages such as cable cuts, repeater failures, etc.
 - c. Commercial power outages
 - d. Load sharing situations
 - e. Subscriber Loop problems
 - f. Signaling network problems
 - g. General network congestion
 - h. Any other issue which has or could have a negative effect on AT&T Customer service

K. Payphone Services

1. BellSouth will provide the ability to procure Payphone service at a wholesale price that is commercially viable.

III. Billing and C.A.R.E.

A. **Billing Requirements for Local and IntraLATA Toll**

AT&T expects charges for Local and IntraLATA Toll Resale to be rendered using existing billing systems. The Standard Access Billing Requirements (SABR) for Local/Resale document will enable AT&T and the billing entity to efficiently manage their Local and IntraLATA Toll Resale billing data and financial transactions. The SABR document provides the billing entities with AT&T's resale billing requirements.

The SABR document is to be used in conjunction with the current industry standard guidelines for access billing. These standard guidelines are Carrier Access Billing System (CABS) and Small Exchange Carrier Access Billing (SECAB). Billable components of the Local/Resale service not covered in the current industry standards will be identified to AT&T by the billing entity and AT&T will provide appropriate billing documentation.

Following are the business and billing principles which should be used when billing to AT&T:

1. BellSouth will participate in a Local/Resale Bill Certification Process as defined by the SABR document (Section 5) to ensure quality and financial assurance controls throughout AT&T and BellSouth's processes. Billing accuracy is the sole responsibility of BellSouth.
2. BellSouth will work with AT&T to facilitate accurate and timely billing as defined by the SABR document (Section 3).
3. BellSouth will provide a mechanized bill as defined by the SABR document (Section 4, 5 & 6) and utilize the electronic data transmission Connect: Direct.
4. BellSouth and AT&T will agree to an annual Supplier Quality Certification Review to be conducted by AT&T.
5. The existing CABS Billing Output Specifications (BOS) documents provide guidelines for how to render a bill. Additional information that is required to be uniquely identified when rendering Local/Resale charges per the SABR document (Section 7) are as follows:
 - a. BellSouth will bill charges/credits for Primary Interexchange Carrier (PIC) change charges separately from the Local/Resale bill
 - b. BellSouth will use the same structure as documented in CABS for a Switched Access Bill
 - c. Specific Account Level, Jurisdiction and Service/Feature codes are delineated

For a complete and comprehensive list of AT&T's Local/Resale billing requirements the SABR document, current issue must be consulted.

III. Billing and C.A.R.E. (Cont'd)

B. Data Transfer Requirements

(detail can be found in the AT&T Local Resale Data Transfer Requirements LRDTR)

BellSouth will provide the following to AT&T:

1. Unrated EMI records per EMI ESRD
2. IntraLATA Toll usage
3. Local usage
4. Rated Incollects sent rated
5. Message packed by Send to: / Bill to: RAO
6. Transport facility which conforms to IDIS
7. Transmission via CONNECT: Direct
8. Information via courier if required
9. Tape data will conform to Attachment "A" of the LRDTR
10. Data to be delivered Monday through Friday except negotiated agreed to Holidays
11. Contacts (sending/receiving usage files), IDS, volumes by sending location
12. Any rejected packs will be corrected and resent
13. Packs tracked by invoice sequencing criteria
14. Data compaction will be done per Attachment "B" of LRDTR
15. Pack size is 1 to 99,999 plus the header and trailer
16. Daily transmission of up to 99 packs, maximum
17. Data set minimum of 1 pack
18. Only one data set per Sending RAO
19. Pack Header Record per LRDTR (page 8)
20. Pack Trailer Record per LRDTR (page 9)
21. Data set name per LRDTR (page 10)
22. AT&T will provide Data control reports
23. Existing detail edits to be performed
24. Perform error correction as required
25. AT&T will return unbillable messages
26. Interface testing between BellSouth and AT&T
27. Operational Testing between AT&T and BellSouth
28. Test files via CONNECT: Direct
29. Periodic review of control procedures
30. Data back up retained for 45 days
31. Provide mutual written change notification
32. Billing capability for Automatic Call Completion on DA service
33. Requirements regarding Information Service Providers; Billing, and Contracts

III. Billing and C.A.R.E. (Cont'd)

C. C.A.R.E. Requirements

(AT&T's Requirements Under Development)

IV. Pricing and Compensation

BellSouth's monopoly Basic Network Functions (BNFs) and all retail services must be available for unrestricted resale. Unbundled BNFs must be priced at Total Service Long Run Incremental Costs (TSLRIC). Retail services must be made available at economically viable rates. In the short term, estimation of the appropriate discount will have to be based on a tops-down approach which looks at (1) avoidable costs, i.e., marketing, billing, etc., and (2) inferior access to LEC customer support systems (Electronic bonding). The long term solution will require a bottom up approach in which all wholesale services will be based on local service elements priced at TSLRIC.

December 8, 1995

To: G. Rall
M. Eichmann
T. Gimás
R. Augustine
B. Zahn
P. Nelson ✓
S. Clemente
D. Ripley

Subject: AT&T LIDB Requirements

Enclosed is the AT&T LIDB requirements which many of you have requested for use in speaking with the incumbent LEC. These requirements will be included in the new generic negotiations specifications to be issued on December 22, but this advance copy is to assist folks who have meetings prior to that date.

All questions on the requirements content should be directed to Bob Falcone on 908-580-7779. Bob led the team who produced this work and is the headquarters SME for LIDB.

Joanne Matz
Joanne Matz

cc: Bob Falcone

200291

302

**Leased Line Information Database (LIDB)
Requirements and Negotiation Points**

Issue 1

November 20, 1995

(THIS DOCUMENT IS FOR INTERNAL AT&T USE ONLY.)

**AT&T - PROPRIETARY (RESTRICTED)
FOR INTERNAL AT&T USE ONLY**

**November 20, 1995
Issue 1.0**

200292

1. DOCUMENT OVERVIEW

This document summarizes AT&T's requirements in the negotiation for a leased LIDB arrangement.

The LIDB functionalities listed as requirements are applicable for both the LEC Service Resale and Loop Resale environment, and are intended to support Operator Services (e.g., Collect Call, Third Number Billing) and Calling Cards.

In this document, AT&T's provisioning, data administration, security, measurements / reporting needs are very similar for both LEC Resale and Loop Resale environment. In the LEC Resale environment, we may have to accept many aspects of the LEC LIDB service as is. It is probably easier to negotiate these requirements in the Loop Resale environment. From AT&T's perspective, however, these requirements should be AT&T's position when entering negotiations for either Resale arrangement.

In this document, leased LIDB requirements are listed in bold print and labeled "<REQUIREMENT>" if they are applicable to both LEC Service Resale and Loop Resale.

For requirements that pertain to specific scenarios, they are listed in bold print and labeled "<REQUIREMENT XXXX>" with XXXX defining the condition. For example, <REQUIREMENT - for Loop Resale only> specifies a requirement that is applicable to Loop Resale only.

"Negotiator Notes" are intended as added or background information for negotiators. They are NOT intended as requirements for negotiations.

2. ASSUMPTIONS

These requirements identify the LIDB capabilities to support AT&T local-network architectures (e.g. LEC Service Resale and Loop Resale) that rely on capabilities obtained from a LIDB Vendor.

- AT&T will have the option to select the LIDB capabilities that AT&T will use on a service-by-service basis.
In the near term, AT&T service capabilities are limited to existing capabilities provided by the LECs. This document identifies LIDB capabilities that AT&T would like to be able to use, if provided by the LIDB Vendor. It does not imply that AT&T will use all identified capabilities. As specific AT&T local-network architectures and services are chosen, further analysis will identify which of these LIDB capabilities will be selected in each area.
- No LIDB development is being requested. This document is intended to identify capabilities that can be supported with existing LIDB implementations. This does not preclude AT&T from making future requests for development in order to meet AT&T service needs.
- AT&T will require the basic LIDB functionalities to support local Operator Services, such as Collect and Third Number Billing number verification.
- AT&T will require LIDB Calling Card Validation Service only if AT&T decides to offer TLN (Telephone Line Number-based) card or SBN (Special Billing Number) card,¹ or if AT&T needs to validate LEC TLN cards.
- AT&T will require the basic LIDB capabilities to supply Calling Name Delivery for Direct Dialed calls, if supported² by the LIDB Vendor and the feature is implemented via LIDB.
- This document does not provide requirements to support AT&T PPSN (Public Packet Switched Network) local service through LIDB.
(Impact: The PPSN queries will not be supported, and PPSN-related data will not be stored.)
- AT&T will be charged for its queries to the LIDB and will not be responsible for queries by other carriers.

¹ Special Billing Number (SBN) cards are Calling Cards which use a RAO (Revenue Accounting Office) code rather than a Telephone Line number.

² Some, but not all, RBOCs have implemented this feature using LIDB.

3. LIDB REQUIREMENTS

3.1 LIDB Functionalities Requirements

< REQUIREMENT >

A customer record, owned by AT&T, is kept in the LIDB database for each AT&T customer whose local service is supported by this LIDB. These AT&T-owned customer records shall receive appropriate call processing (e.g. query, administration) support.

< REQUIREMENT >

The LIDB Vendor shall provide the same level of support (e.g., performance, data integrity, accessibility, etc.) for AT&T customer records as they do for their current customer data.

< REQUIREMENT >

The LIDB Vendor must be able to identify AT&T customer records in LIDB as separate from customer records owned by other carriers.

< REQUIREMENT >

Queries to LIDB will be accepted, and responses will be returned.

< REQUIREMENT >

Billed Number Screening will be supported for AT&T customer data in LIDB.

Negotiator Notes:

- Billed Number Screening (BNS) is invoked by issuing a BNS OPDU (Operation Protocol Data Units) which is a TCAP query message to LIDB.
- This query provides information such as : whether the Billed Number may accept Collect or Third Number Billing calls (with or without verification), and may include the type of service/equipment on a line (e.g., POTS, prison, pay phone).
- AT&T Law and Public Policy has indicated that the FCC has mandated that this function be open.

< REQUIREMENT – if AT&T decides to offer TLN (telephone line number-based) card and / or SBN (Special Billing Number) card >

Calling Card Validation will be supported for AT&T customer data in LIDB.

Negotiator Notes:

- Calling Card Validation is invoked by issuing a CC1 OPDU (Operation Protocol Data Units) or CC2 OPDU, which are TCAP query messages to LIDB to support Calling Card Services.
- Calling Card - Type 1 and Type 2 queries differ in that the Type 2 response provides Preferred InterLATA Carrier/International Carrier (IC/INC) information even when the Personal Identification Number (PIN) entered does not match the database records, and that the Type 2 response specifies whether or not there is a match rather than returning an "Error" response when there is no match.
- According to Bellcore Specification, "The Calling Card - Type 1 query format shall be used for calling card validation queries in the present environment", and the Calling Card - Type 2 query

format is for future use.

3.2 LIDB Query Types NOT Being Negotiated

The following query types are described in the Bellcore LIDB Specifications and are listed here as background information for negotiators. Individual LIDB Vendors may not necessarily support these query types (verified in many instances). These functionalities, if offered at all, may be implemented by the LECs in network elements other than the LIDB. Negotiators should be familiar with these concepts. Whenever appropriate, AT&T's position is also explained (e.g., Originating Line Number Screening) in this section.

The query types listed in this section (Section 3.2) are NOT among the LIDB requirements to be negotiated. They are listed here as background information.

3.2.1 - Originating Line Number Screening (OLNS)

The LIDB OLNS capability is a possible method of providing appropriate handling of Operator Services calls based on the Originating Line Number. Today, the OLNS functionality is implemented via switch data by the RBOCs, and this LIDB functionality is NOT used. As a long distance service provider, AT&T is currently purchasing this data from the various RBOCs and are loading them into the 5ESS® OSPS to perform the Originating Line Number Screening.

Negotiator Notes:

- The following explains that current OLNS capability for Operator Service is NOT implemented via LIDB:
- In the LEC Resale, the service AT&T is purchasing from the LEC should include the switch data support for OLNS. OLNS functionality should be included in the package of LEC-provided Operator Services. If AT&T provides its own local Operator Services, then AT&T should have appropriate OLNS data pertaining to the AT&T customer's lines, and provide the switch data to the 5ESS® OSPS.
 - In the Loop Resale when AT&T owns the switch, the OLNS function should also be implemented via switch data. Since the AT&T 5ESS® OSPS will be used for local Operator Services, then AT&T can provide the OLNS switch data to the 5ESS® OSPS.

Negotiator Notes:

- AT&T Long Distance does NOT support an RBOC initiative to perform Originating Line Number Screening via LIDB Dips. These Dips represent excessive charges, degraded performance, and lost revenue to AT&T.

3.2.2 Terminating Line Number Screening (TLNS)

The LIDB TLNS function may be used to support capabilities such as Busy Line Verify and Interrupt.

Negotiator Notes:

- Current TLNS implementation may be via switch data, and not LIDB.

3.2.3 Intercept

The LIDB Intercept function (if offered) may be used for Operator Services, to identify whether a number is receiving Intercept treatment.

Negotiator Notes:

- This LIDB function is not necessarily supported.

3.2.4 InterLATA Carrier Denial Check (ICDC)

The LIDB ICDC capability allows an Interexchange Carrier (IXC) to have LIDB screen Line Numbers, which are served by that IXC, against the list of the IXC's denied accounts.

Negotiation Notes:

- AT&T uses its own (Network Access Interrupt) service (rather than LIDB) for Line Number screening for AT&T Long Distance denials.
- We have been able to verify that some LIDB vendors (e.g. SNET) do not offer this LIDB capability.

3.2.5 Generic Name

The LIDB Generic Name function is intended to support the Calling Name Delivery feature.

Negotiator Notes:

This is not a LIDB function supported by every Vendor.

- We have been informed that some RBOCs use the LIDB Generic Name function to support Calling Name Delivery (not verified if it is switch data or LIDB that is actually used in implementation).
- We have learned that SNET (at this time) has ability to enter CNAM (calling name) data fields via their administration system to their LIDB for internal testing, but has not implemented the Calling Name delivery capability using LIDB, and no planned offer of this capability at this time.
- We have also learned that there are some RBOC(s) which do not use the LIDB to implement Calling Name Delivery.

3.2.6 LIDB-Specific Called Number Blocking (LSCNB)

LSCNB allows for LIDB-defined call blocking to specified Terminating NPA, NPA-NXX and/or NPA-NXX-XXXX. The LSCNB Indicator determines whether or not a line number goes through the LSCNB process.

Negotiator Notes:

- When convenient, may be good to find out if this capability is offered by the LIDB Vendor for data gathering purpose. Also, what is the list of LSCNB restrictions supported by the Vendor.
- Some vendors we talked to have not implemented this function.

3.2.7 GetData Query

Per Bellcore Specification GR-1158-CORE, GetData is a service-independent query that can be used to request specific fields from a record in LIDB. Potential use is to build new LIDB query functionalities.

Negotiator Notes:

- Would be interesting to check if GetData is included in the set of query types offered by the LIDB vendor. Since queries are charged by the number of Dips, and this is a basic capability, this query (if offered) should be included in the basic offering from the Vendor without any additional negotiation.
- No planned use of this query type by AT&T local service has been identified at this time.

3.3 LIDB Data Requirements

< REQUIREMENT >

The LIDB Vendor shall provide AT&T with a list of the data items that need to be populated in the LIDB to support the required services listed in Section 3.1 ("LIDB Functionalities Requirements"). For each data item, the list will show the data formats, acceptable values of each data item, and the meaning of these values.

Negotiator Notes:

- Bellcore LIDB Specification (GR-1158-CORE) has a list of LIDB record types and associated data items for various LIDB functions defined in the Specification. They are listed in Appendix I as background information for Negotiators, and is NOT intended to be a list for negotiation.
- Only a SUBSET of LIDB functions are implemented by a LIDB Vendor. Also, only a SUBSET of the data fields may be implemented by a LIDB Vendor in support of a particular LIDB function.
- Meaning of some of the record types are as follows:

NPA-NXX Group Records (for NPA-NXX groups belonging to AT&T).

Line Number Records (for line numbers belonging to AT&T).

(If AT&T offers Special Billing Number (SBN) Calling Card)

NXX-0/1XX Group Records (for NXX-0/1XX groups belonging to AT&T; these may be used for Calling Card numbers which use a RAO (Revenue Accounting Office) code rather than a Telephone Line Number).

(If AT&T offers SBN Calling Card)

Special Billing Number (SBN) Records (for SBNs belonging to AT&T), may be used for Calling Card numbers which use a RAO (Revenue Accounting Office) code rather than a Telephone Line Number.

(If AT&T offers Telephone Line Number or SBN Calling Cards, and this function is implemented)
Multiple PIN (Personal Identification Number) Table Records - i.e. the capability to provide PIN-specific data (Calling Card SubAccount Number, PIN Service Denial Indicator, PIN Restriction Indicator, PIN Usage Category Indicator) for each PIN associated with a multiple-PIN Calling Card.

(If AT&T offers Telephone Line Number or SBN Calling Cards, and this function is implemented)
InterLATA Carrier Denial Table Records - lists additional Line Numbers who are to be denied service by particular Interexchange Carriers (IXCs). Supplements the Line Number and SBN (Special Billed Number) records.

3.4 LIDB Service Performance Requirements

< REQUIREMENT >

- (a) The LIDB shall be unavailable a maximum of 12 hours/year.
- (b) The LIDB shall be in overload (degraded performance) no more than 12 hours/year. This does not include the unavailable time listed above.
- (c) The availability of LIDB service shall be the same as that provided for the LIDB Vendor's other customers (If better than (a) and (b) above).

Negotiator Notes:

- Request Vendor to provide their DMOQ and service availability / performance guarantee, and then make sure that they would meet or exceed our service performance criteria.
- The 12 hours unavailability is per Bellcore LIDB Specification GR-1158-CORE (R20-1).
- Background information : The availability for AT&T's own NAI (Network Access Interrupt) service, which also screens Line Numbers for call denial, requires *unplanned* downtime of less than 44 minutes/year from all sources.
- "Overload" is defined by the SCP node (Service Control Point - the base platform on which the LIDB application resides). In SCP node overload states above 0, LIDB function is impaired and the LIDB Response Time requirements (see next section) do not apply. In addition : overload states 1-3 require reduction in LIDB administrative message processing, and states 4-5 require the LIDB to discard otherwise valid query messages. In state 6, the LIDB is shut down. (Normal condition is state 0.)
- Background information: Current Operator Services M&P would allow calls to go through without validation in the event of LIDB query timeout waiting for response, and are recorded as calls processed without validation. Measurement data is tracked for query time-outs. Discussion with potential vendors have led to similar handling in the industry.

REQUIREMENT >

Query response (round-trip) time should satisfy:

- (a) Mean processing time at the SCP (Service Control Point) node / LIDB shall be no more than
0.50 seconds under normal conditions (overload state 0).
- (b) Processing time at the SCP node / LIDB shall be no more than 1 second for 99% of all messages under normal conditions.
- (c) 99.9% of all LIDB queries should result in a round-trip response within 2 seconds.
- (d) Cross office delay shall be the same as that provided for LIDB Vendor's own customers if better than (a) - (c) above.

Negotiator Notes:

- The 0.50 sec. and 1 sec. requirements are based on Bellcore Specification GR-1158-CORE.
- The AT&T Direct Measures of Quality (DMOQs) for internal calling card queries is 2 seconds 99.9% of the time.

< REQUIREMENT >

The following AT&T Direct Measures of Quality (DMOQs) shall be satisfied:

- (a) Attempts - Expectation is 99.9% reply to all queries.
- (b) Time-outs - Expectation is 0.1% or less for all queries to LIDB.
- (c) Unexpected data values - Expectation is 2% or less for all queries to LIDB.
- (d) Missing customer record - Expectation is less than or equal to 0.01% of all LIDB queries.
- (e) Screened response - Expectation is no occurrence (0 defects).
- (f) Group trouble report -

Missing group - tally response when reply is returned "vacant" but there is no active record for the 6 digit NPA-NXX group.

Vacant code - tally response when a 6 digit code is active but is not assigned any customer on the 6 digit code.

Non-participating group / unavailable network resource - Non-participating group should be identified in the LARG (LIDB Access Routing Guide) so AT&T does not pay access for queries that are to be denied in LIDB.

Expectation of sum of all three is less than 1% of LIDB queries.

Negotiator Notes:

- The above DMOQs are currently in place with the LIDB Vendors for querying of LIDB by AT&T.

3.5 Signaling Requirements

< REQUIREMENT >

The LIDB Data Base interpretation of the ANSI-TCAP messages must comply with OSSGR Section 10: System Interfaces Technical Reference, TR-NWT-001149, Issue 2, January 1992.

< REQUIREMENT >

Global Translation Types, Originating Point Codes, and Destination Point Codes must be maintained in order to support signaling network routing to the LIDB Data Base.

Negotiator Notes:

- LECs are interconnected either via HUB (Gateway) providers, or with their own B-links to area and regional STPs of the other LECs. There is NO requirement applied to the LECs or ICOs to interconnect to each other via a HUB.
- AT&T already has interconnection established to all RBOC and other Vendor LIDBs.

3.6 Provisioning Requirements

Negotiator Notes:

If AT&T shares an NPA-NXX or NXX-0/1XX with another Local Service Provider (LSP), the LSP would tend to want to control the administration of the whole NPA-NXX group. This, of course, is contrary to AT&T's interest. Our negotiation should consider AT&T's interest as much as possible.

< REQUIREMENT - for Loop Resale only >

AT&T must be able to provision (add/update/delete) NPA-NXX Group Record into LIDB.

< REQUIREMENT >

AT&T must be able to provision (add/update/delete) Line Number Records into LIDB.

< REQUIREMENT >

Customer data (for line numbers, card numbers, and for any other types of data stored in the LIDB) must be maintained so that changing a Local Service Provider should not result in any interruption in service to the customer.

< REQUIREMENT >:

All adds/updates/deletes of AT&T data shall be initiated by AT&T.

< REQUIREMENT >

LIDB data must be provisioned (including add/update/delete) via an electronic interface including timely LIDB update capability. Support to the electronic interface will be negotiated. (Appropriate Training and Documentation for provisioning will be included in the negotiation.)

< REQUIREMENT >

The availability of LIDB provisioning shall be the same as that provided for the LIDB Vendor's other customers.

Negotiator Notes:

- Although the electronic interface is an interface to an administration system, negotiation must include timely updates of the LIDB via the administration system.

< REQUIREMENT >

Provide priority updates to LIDB for AT&T data (e.g. to support fraud protection).

< REQUIREMENT >

AT&T shall be able to obtain, via electronic interface, reports of all AT&T data in LIDB.

< REQUIREMENT >

AT&T will have auditing (on-demand and scheduled) access to AT&T customer data in LIDB.

Negotiator Notes:

- LIDB should be capable of accepting and responding to audit requests on demand or on a scheduled basis from the Administrative System, depending on LIDB workload and the audit's priority. The audit requests are record retrievals from LIDB; the Administrative System performs the audit processing.
- Audits would look for missing AT&T customer records and for errors within the individual record data fields. This requirement helps us ensure accuracy of AT&T's LIDB data.
- Customer complaints could be one possible trigger for on-demand audits, to see if a larger portion of the customer data contains similar errors. More generally, the scope and frequency of audits may depend on the "quality" of the provisioning interface we obtain to a LIDB. (E.g. manual provisioning may have lower accuracy and therefore mandate a more frequent audit schedule.)

< REQUIREMENT >

No more than 0.01% of AT&T customer records will be missing from LIDB, as measured by AT&T audits. If the Vendor offers less than 1% of customer record missing from LIDB, then the Vendor's quality measure should also apply to AT&T customer records.

< REQUIREMENT >

The LIDB Vendor is responsible for Backup and Recovery of all of AT&T's data in LIDB.

< REQUIREMENT >

When doing a data restoral from backup copy, Administrative System must send all data changes made since the date of the backup copy.

3.7 Security Requirements

< REQUIREMENT >

The LIDB Vendor will protect AT&T data in LIDB and in the LIDB Administrative System from access or use that is not authorized by AT&T.

Negotiator Notes:

- An example of "unauthorized" use is for the LIDB Vendor to use or sell the AT&T customer list (e.g. for marketing purposes).

< REQUIREMENT >

LIDB Data Screening will be performed for queries to AT&T Customer Data that is part of an NPA-NXX or NXX-0/1XX owned or shared by AT&T. AT&T will provide the screening information associated with LIDB Data Screening of AT&T data.

Negotiator Notes:

- Section 14 of the Bellcore LIDB specification, GR-1158-CORE, specifies a LIDB Data Screening process by which LIDB completely or partially denies specific Query Originators access to LIDB data owned by specific Data Owners. (AT&T will be the Data Owner for AT&T customer data in LIDB.)
- For each pair of Query Originator and Data Owner, LIDB can have a different set of detailed screening information. Logically it can be thought of as a table, with Query Originators in the rows and Data Owners in the columns; each entry in the table indicates the data fields to be screened for that pair. Any screened data fields are either replaced by a specified value, or replaced by zero-filled fields, in the LIDB response.
- The Data Screening process described in the Bellcore specification identifies the Data Owner by means of Company ID and Administrative System ID. These IDs are defined only for entire NPA-NXX and NXX-0/1XX Groups, not for individual line numbers or SBNs (Special Billed Numbers).

< REQUIREMENT >

The setting of threshold parameters for fraud protection shall be negotiated. Minimum threshold settings should include:

- (a) domestic terminating threshold
- (b) international terminating threshold
- (c) simultaneous calls threshold
- (d) geographically distributed calls threshold

Negotiator Notes:

- A count of the number of LIDB database dips that have been made on the same telephone number for Billed-To-Third billing is compared with the established threshold to determine if there is potential fraud.

- It is good to have separate thresholds for *domestic* and *international* calls since there are more frequent domestic calls than international calls. Separating the two measurements would more accurately reflect potential fraud cases in each of the two call type categories.
- *Simultaneous calls* threshold to count the number of LIDB dips made against the same number for Bill-to-Third calls.
- *Geographically distributed calls* threshold to count the number of LIDB dips made against the same number for Billed-to-Third calls made from different geographic locations during the same time period.
- It should also be pointed out that the degree of sophistication in LIDB fraud management may vary from LIDB to LIDB.
- In general, incumbent LECs are not as receptive to AT&T's request for setting threshold parameters. The other LIDB vendors (e.g. ITN, SNET) would be more likely to agree to the setting and enforcing of threshold parameters. AT&T, however, should start with the same negotiation position in all cases.

<REQUIREMENT>

LIDB Vendor shall notify AT&T immediately if agreed upon fraud threshold(s) have been exceeded. The notification process is to be negotiated.

<REQUIREMENT>

AT&T shall be able to do initial provisioning or subsequent update provisioning of customer lines with total denied capability for Collect and Billed-to-Third calls.

Negotiator Notes:

- Upon notification of fraud, AT&T should be able to re-provision (priority update) the impacted AT&T customer lines with denied capability for Collect and Billed-to-Third calls.
- If the implementation of interim Local Number Portability by call forwarding would result in having the new network appearance number in the LIDB, then the line records of these new network appearance numbers should have denied capability for Collect and Billed-to-Third calls.

3.8 Settlement for LIDB Queries

If the business arrangement states that AT&T will be offered a flat fee for the LIDB access, rather than based on query volume, then there are no requirements.

If the business arrangement requires that AT&T pay the LIDB provider on a per query basis then the following requirements apply :

(REQUIREMENT>

The LIDB Vendor will provide an electronic report that includes the number of queries by each query type.

<REQUIREMENT>

The electronic report shall be transmitted monthly to coincide with billing date to be negotiated.

Negotiator Notes:

- Queries to the LIDB will not result in 100% call completion. Therefore AMA (Automatic Message Accounting) records generated at the Local Switch will not be a sufficient cross check count, since AMA is not generated for unanswered calls.
- Negotiators should investigate other pricing schedules regarding access to LIDB.

3.9 Measurement Data Requirements

Negotiator Notes:

- When requesting reports of measurement data, care should be taken to scrutinize and limit the data to what are essential to the management of LIDB query charges, LIDB data integrity, performance measurement, and fraud detection / correction. Request of additional data without justification for its usefulness would result in unnecessary increase in LIDB query unit cost.

<REQUIREMENT>

The LIDB Vendor shall allow AT&T to electronically access the measurements and reports associated with AT&T data.

<REQUIREMENT>

The LIDB Vendor shall provide report on fraud detection / protection data. A list of measurements for reporting should be negotiated.

Negotiator Notes:

- Sections 15 and 17 of Bellcore specification GR-1158-CORE require LIDB to provide reports such as those listed below.

<REQUIREMENT>

The LIDB Vendor shall provide AT&T with LIDB reports of AT&T data which are missing or which contain errors.

Negotiator Notes:

- This would alert AT&T, so that we can re-provision the data correctly.

<REQUIREMENT>

The LIDB Vendor shall provide to AT&T any Misroute errors for NPA-NXX and NXX-0/1XX numbers that include AT&T customer data.

<REQUIREMENT>

The LIDB Vendor shall provide to AT&T the usage, traffic and performance measurements associated with queries to AT&T customer data.

APPENDIX I - Detailed Data Items for LIDB Records

NEGOTIATOR NOTES:

The following is a complete list of data items that can potentially be implemented in a LIDB (as defined in Bellcore Specification GR-1158-CORE). A subset of this list of data items is implemented in an existing LIDB. Other items are intended for consideration for future implementation. Some may never be implemented.

ONLY A SUBSET of this list is implemented in any of the existing LIDB.

The following list is included as BACKGROUND INFORMATION ONLY.

NPA-NXX Group Records

(for NPA-NXX groups belonging to AT&T)

- NPA Code.
- Central Office Code (NXX).
- Status Indicator.
- Company ID.
- Administrative System ID.
- RAO (Revenue Accounting Office) - billing location (stored for an entire NPA-NXX Group).
- Mapped NPA (up to 6 digits - for NPA splits).
- Processing Indicators - whether Billed Number Screening, Intercept, Calling Card Validation, etc. is enabled.
- Disallowed Card Issuer Codes - disallows calls originating from specific originating line number groups billed to Credit Cards issued by particular card issuers.

NXX-0/1XX Group Records

(for NXX-0/1XX groups belonging to AT&T; these may be used for Calling Card numbers which use a RAO (Revenue Accounting Office) code rather than a Telephone Line Number)

- Pseudo-Numbering Plan Area Code (NXX).
- Pseudo-Central Office Code (0/1XX).
- Status Indicator.
- Company ID.
- Administrative System ID.
- RAO (Revenue Accounting Office) - billing location (stored for an entire NXX-0/1XX Group).
- Pseudo-Mapped NPA (NXX) (up to 6 digits - for NPA splits).
- Processing Indicators - whether Billed Number Screening, Intercept, Calling Card Validation, etc. is enabled.

Line Number Records

(for line numbers belonging to AT&T, whether or not their entire NPA-NXX belongs to AT&T)

- Line Number (NPA-NXX-XXXX).
- Collect Acceptance Indicator - whether or not Collect calls may be billed to the number (with or without verification).
- Third Number Acceptance Indicator - whether or not Third Number Billing calls may be billed to the number (with or without verification).
- Originating Collect Billing Indicator - any restrictions on Collect calls originating from the Line Number.
- Originating Third Number Billing Indicator - any restrictions on Third Number Billing calls originating from the Line Number.
- Originating Local, Non-Toll Call Indicator - whether local, non-toll calls are allowed from the originating Line Number.
- Originating Credit Card Indicator - any restrictions on Calling Card Billing calls originating from the Line Number.
- Originating Free DA (Directory Assistance) Indicator - whether or not free DA calls are allowed from the originating Line Number.
- Originating Special Billed Number Screening (BNS) Indicator - whether the collect or third number billed party can change billing methods, for the particular originating Line Number.
- Originating Sent-Paid Indicator - any restrictions on Sent-Paid Billing calls originating from the Line Number.
- Originating DACC (Directory Assistance Call Completion) Indicator - any restrictions on DACC originating from the Line Number.
- Originating Billing/Service Spare Indicator.
- Foreign Language Indicator - specifies the foreign language associated with the Line Number (used by operator/Directory Assistance/announcements).
- Generic Name String - Name associated with a Calling Number.
- Generic Name Privacy Indicator - whether the Generic Name can be provided to the operator.
- Alphanumeric String - text that provides additional originating line number information to the operator.
- Message Delivery Indicator.
- Operator Verification and Interrupt Indicator - whether Verification and/or Interrupt by the operator are permitted.
- Nonpublished Number Callback Indicator.
- Intercept Indicator - determines if a number reached is working, and if not, the applicable condition (e.g. temporarily/permanently disconnected with/without referral).
- Intercept Activity Indicator - whether Intercept queries are to be counted for this Line Number.
- Referral Number (if any - for Intercept).
- Treatment Indicator (type of line treatment, e.g. automatic/operator, and prompt).
- Service or Equipment Indicator (e.g. POTS, hotel, prison, coin phone).
- Calling Card Account Number (CCAN) Service Denial Indicator - whether all PINs are invalid for this Calling Card.
- Personal Identification Number (PIN) - maximum 20 PINs per card.
- Multiple PIN Indicator.
- Calling Card SubAccount Number (CCSAN) - one per PIN.
- PIN Service Denial Indicator - whether PIN can not be used due to nonpayment, threshold exceeded or service restrictions.

- PIN Restriction Indicator - whether PIN is restricted to only calling N specific numbers chosen by the subscriber ("N-Number calling"), or restricted to only calling "domestic" numbers (defined by the LIDB owner either to include all calls terminating at a domestic point or to include all calls originating and terminating at a domestic point; LIDB owner also defines which area codes are not considered a domestic point). (LIDB spec says that "N" is "expected to be" = 20 maximum)
- N-Numbered Called Number Masks - for N-Number calling PINs.
- PIN Usage Category Indicator - indexes a table used for High-Usage fraud detection.
- Record Status Indicator (whether intercept information is stable, and whether Billed Name and Address information is available).
- LIDB-Specific Called Number Blocking (LSCNB) Indicator - whether the Billed Number should undergo the LSCNB process (providing LIDB-defined call blocking to specified Terminating NPA, NPA-NXX and/or NPA-NXX-XXXX).
- Primary Preferred InterLATA Carrier (IC), Alternate Preferred InterLATA Carrier, Preferred International Carrier (INC), plus Indicators for all three.
- Originating InterLATA Carrier (OIC), Originating International Carrier (OINC), plus Originating IC Indicator and Originating INC indicator.
- IC Denial Check Table Indicator - determines if at least one entry exists for the Line Number in the ICDC Table.

Special Billing Number (SBN) Records

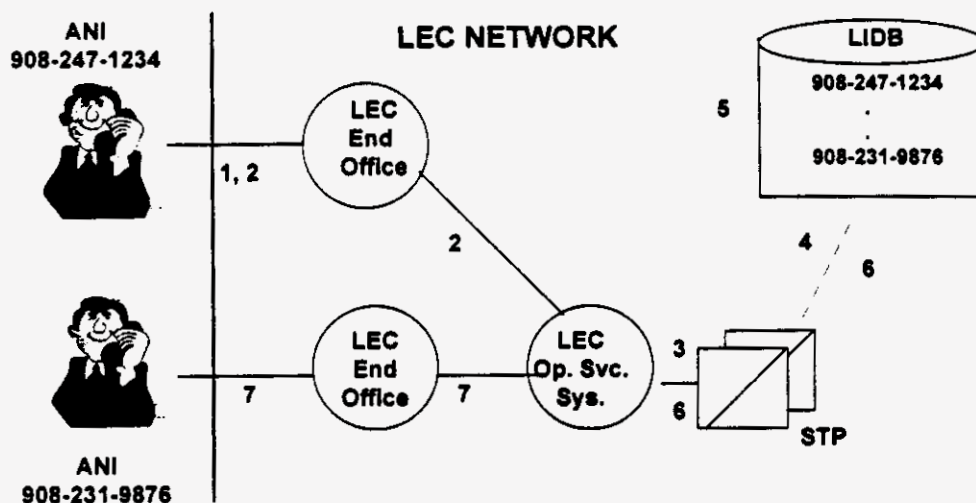
(for SBNs belonging to AT&T, whether or not their entire NPA-NXX belongs to AT&T; may be used for Calling Card numbers which use a RAO (Revenue Accounting Office) code rather than a Telephone Line Number)

- SBN (NXX-0/1XX-XXXX).
- Calling Card Account Number (CCAN) Service Denial Indicator - whether all PINs are invalid for this Calling Card.
- Personal Identification Number (PIN) - maximum 20 PINs per card.
- Calling Card SubAccount Number (CCSAN) - one per PIN.
- PIN Service Denial Indicator - whether PIN can not be used due to nonpayment, threshold exceeded or service restrictions.
- PIN Restriction Indicator - whether PIN is restricted to only calling N specific numbers chosen by the subscriber ("N-Number calling"), or restricted to only calling "domestic" numbers (defined by the LIDB owner either to include all calls terminating at a domestic point or to include all calls originating and terminating at a domestic point; LIDB owner also defines which area codes are not considered a domestic point). (LIDB spec says that "N" is "expected to be" = 20 maximum)
- N-Numbered Called Number Masks - for N-Number calling PINs.
- PIN Usage Category Indicator - indexes a table used for High-Usage fraud detection.
- True Billing Number (if appropriate) - the 10-digit dialable number that is the actual billing number of a Special Billing Number (if the SBN owner has a phone).
- Record Status Indicator (whether intercept information is stable, and whether Billed Name and Address information is available).
- LIDB-Specific Called Number Blocking (LSCNB) - whether the Billed Number should undergo the LSCNB process (providing LIDB-defined call blocking to specified Terminating NPA, NPA-NXX and/or NPA-NXX-XXXX).

- Primary Preferred InterLATA Carrier (IC), Alternate Preferred InterLATA Carrier, Preferred International Carrier (INC), plus indicator for all three.
- IC Denial Check Table Indicator - determines if at least one entry exists for the Line Number in the ICDC Table.

APPENDIX II

1995 Current Understanding of LIDB Function in LEC Network



1. This example involves a collect call.
Phone 908-247-1234 calls 908-231-9876 collect (0+).
Both are LEC customers. Call is IntraLATA.
2. Call arrives at LEC CO, and is forwarded to LEC Operator Services System.
(May go through Access Tandems.)
3. LEC Operator Services sends a BNS Query to LIDB, with Billed No. = 908-231-9876.
4. LEC STP identifies LIDB platform using 6-digit GTT, send query to LIDB.
5. LIDB finds the Billed Number, provides information. (e.g., collect calls allowed.)
6. LIDB Response sent via STPs to Operator Services System.
7. Operator Services System connects to 908-231-9876.
Called Party agreed to accept charges.
Call is completed.
(May go through Access Tandems.)

SECTION I OVERVIEW

ISSUE/SUBJECT NAME: LIDB Database

APPLICABILITY: X CSG CCS BCS
 LEC RESALE X LOOP RESALE (all facilities based options)

ISSUE SME(S): NAME/PHONE#/E-MAIL ID

Lily Mui, 908-949-1005, attbl!hogpa!lcmui
Tim Wrona, 908-221-4712, !twrona
Michael Hou, 908-221,5617, !mhou
Robert Falcone, 908-580-7779, !bfalcone

OBJECTIVE (Desired outcome of negotiations):

Allow AT&T to utilize the incumbent LEC's LIDB database as a facilities based local service provider. Though this document focuses on LIDB access as a facilities based provider (e.g. loop resale) it is important to note that in a LEC resale connectivity option, AT&T still requires LIDB services from the incumbent. It is assumed that the incumbent, as part of the services resale agreement, will provide the same level of LIDB service to the reseller as they provide to themselves.

SECTION II NEGOTIATION INFORMATION

ISSUE DEFINITION/DESCRIPTION:

The document which accompanies this form (file name lldb1120.doc) is an excellent piece of work pulled together by Lily Mui of the CCS/CTO In-State Services Organization. In this document Lily details the following requirements which need to be presented to the incumbent LEC as a proposal to serve as our LIDB provider:

Functional Requirements
Data Requirements
Service Performance Requirements
Signaling Requirements
Provisioning Requirements
Security Requirements
Settlements
Measurement Data Requirements

Along with this information Lily took the initiative to provide a series of "negotiator notes" related to each topic which she felt might be beneficial information for the negotiation team to have.

KEY ISSUES/INTERESTS FROM AN AT&T PERSPECTIVE:

AT&T, in addition to requiring ported numbers be updated and maintained in LIDB by the incumbent LEC, also needs to have access to a LIDB database for those NXXs which will be assigned

200313

solely for AT&T's own use. These NNXs will be used by AT&T for those customers who are not interested in porting their numbers and for customers who are new to an area and don't have an existing number to port.

It is assumed that ported numbers will be maintained in LIDB by the incumbent, however, the negotiation team needs to verify that this is in fact the case. For non-ported numbers the AT&T negotiators should present their requirements to the incumbent to determine if they are willing to provide this service and at what price. It is important to note that this LIDB service does not have to be performed by the incumbent LEC in the area. There are alternative LIDB providers that AT&T can potentially use to provide this service for us (e.g. ITN, SNET). Being there is some, though limited, competition in the supplying of LIDB services these requirements should be presented as a RFP to attempt to get the best serving arrangement at the lowest cost.

KEY ISSUES/INTERESTS FROM A LEC PERSPECTIVE:

Some LECs may not view providing LIDB services as a good business opportunity and therefore will not be willing to negotiate an arrangement which supports AT&T's NXXs in their LIDB system.

AT&T's POSITION/POLICY/ASSOCIATED DMOQ'S:

Refer to requirements & negotiation document.

ACCEPTABLE TRADE-OFFS/ALTERNATIVES (IN RANK ORDER):

Ported numbers **MUST** be maintained by the incumbent LEC. There is no trade-off on this issue.

LIDB service for non-ported numbers can be supplied by alternate providers. If the incumbent is not interested in providing this service or if their rates are too high the negotiation team should seek another supplier to meet their needs. However, if the incumbent does take this position the regional Law & Government Affairs team should be made aware of this. This may be one more issue which they choose to bring before the state commissions to demonstrate the non-competitive behavior of the incumbent LECs.

ADVANTAGES/DISADVANTAGES TO EACH ALTERNATIVE LISTED ABOVE:

Advantage - we have alternative suppliers for LIDB service.

Disadvantage - if all the incumbents take a "not interested" position the number of alternate suppliers diminishes and this option becomes less competitive.

WHAT IS MINIMALLY ACCEPTABLE:

See acceptable trade-offs section.

WHAT IS NOT ACCEPTABLE:

Ditto

200314

WHAT ARE THE INTERDEPENDENCIES/LINKAGES BETWEEN THIS ISSUE AND OTHER NEGOTIATION ISSUES:

To use the incumbent's LIDB we must be able to signal through their Signal Transfer Points (STPs). The ability to use the database assumes we have been successful in our signaling negotiations to allow AT&T to use both TCAP and ISUP signaling messages when interfacing with their STPs..

WHAT REFERENCE MATERIAL IS AVAILABLE TO SUPPORT NEGOTIATIONS:

LIDB Requirements and Negotiation Points document authored by Lily Moi.

WHAT INFORMATION CAN/SHOULD BE SHARED WITH THE LEC:

All of the information listed in Lily's document as requirements along with any of the "negotiator's notes" that the negotiation team feels are appropriate.

WHAT INFORMATION CANNOT BE SHARED WITH THE LEC:

None that I'm aware of.

WHAT INFORMATION IS NEEDED FROM THE LEC:

Which of our requirements they are willing/able to meet and at what cost.

SECTION III RECOMMENDED NEGOTIATIONS STRATEGY

(RECOMMENDED "HOW TO" FOR NEGOTIATIONS - IN WHAT SEQUENCE SHOULD ITEMS BE DISCUSSED, WHAT PITFALLS SHOULD YOU LOOK OUT FOR, ETC)

Provide requirements in a RFP format and request a response within a reasonable (2-4 week??) time period.

200315