BELLSOUTH

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October 2, 2002

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: WC Docket No. 02-307, Ex Parte #1

Dear Ms. Dortch:

This is to inform you that on October 1, 2002, Ernest Bush, Jill Williamson, Glenn Reynolds, and I met with members of the FCC staff to discuss the status of the change control process, or CCP, in the BellSouth region. Attachment A provided the basis for that discussion. Attachment B to this letter is a spreadsheet describing the UNE products that are included in the UNE combo other; UNE other design, and UNE other non-design reporting categories of the BellSouth performance metrics reported in the Georgia Monthly State Summary , or MSS, and the MSS of states using the Georgia performance metrics. During this meeting I shared this Attachment, prepared at the request of Ms. Pamela Megna, with Ms Megna, Christine Newcomb and John Minkoff. Immediately after the CCP presentation ended, Glenn Reynolds and Ron Pate of BellSouth then met with the members of the FCC staff to discuss BellSouth's electronic pre-ordering and ordering systems. Attachment C provided the basis for that discussion. FCC staff attending these meetings included: Greg Cooke; Christine Newcomb; Laurel Bergold; John Minkoff; Denise Coca; Ruth Yodaiken; and Pamela Megna. I shared this last request with Pamela Megna, John Minkoff and Christine Newcomb.

On that same day Ernest Bush, Jill Williamson, Jon Banks and I, all representing BellSouth, met with members of the Department of Justice's Telecommunications Task Force to discuss the status of BellSouth's change control process. Again Attachment A provided the basis for that discussion. TTF members attending that meeting included Luin Fitch, Brent Marshall, Deborah Roy, and James Davis-Smith.

In accordance with Section 1.1206, I am filing this notice and the accompanying attachments electronically and request that you place them in the record of the proceeding identified above. Thank you.

Sincerely,

Kathleen B. Levitz

Kathleen B. Levitz

Attachments

cc: Greg Cooke (w/o attachments)
John Minkoff (w/o attachments)
Denise Coca (w/o attachments)
Ruth Yodaiken (w/o attachments)
Christine Newcomb (w/o attachments)
Laurel Bergold (w/o attachments)
Pamela Megna (w/o attachments
Luin Fitch (w/o attachment)
Janice Myles
James Davis-Smith
Sara Kyle
Beth Keating

ATTACHEMENT A

BellSouth Change Control Process (CCP) Review

October 1, 2002

EVOLUTION OF CHANGE CONTROL

- Original Electronic Interface Change Control Process ("EICCP") established in 1998.

- CCP today continues to be a product of collaboration between BellSouth and CLECs.

- BellSouth has continued to strengthen its CCP since the approval of the Georgia/Louisiana Application.

- Improvements have been made in:
  - Implementation of high priority CLEC features
  - Prioritization and resource allocation
  - Discovering, minimizing and correcting software defects
  - Change Control Process itself

EVOLUTION OF CHANGE CONTROL

- Process improvements agreed upon by parties include:
  - Adoption of CLEC definition of "CLEC-Affecting"
  - BellSouth agreed to provide change request capacity information
  - BellSouth agreed to an equal split of capacity between CLEC and BellSouth features
  - BellSouth agreed to enlarge the scope of CCP to include documentation changes
  - BellSouth agreed to lengthen notification period for retirement of interfaces from 120 to 180 days
  - BellSouth agreed to provide information on Legacy System Releases

- Between March 28, 2002 and Sept. 13, 2002, CCP participants met 63 times demonstrating an active and meaningful process.

STATE COMMISSION INVOLVEMENT - GEORGIA

- BellSouth and CLECs have made changes to the CCP under the auspices of Georgia Public Service Commission
- Three industry workshops to collaborate on the CCP process document were held in March, April and May
- In July, parties submitted "Red Line/Green Line" document to GPSC highlighting agreements reached in workshops, issues being worked in CCP Forum and disputed issues.
- GPSC voted on Staff Recommendation on Tuesday, September 17:
  - Voted to implement the 50/50 prioritization proposal to mirror Florida
  - Adopted 6 new change management metrics to mirror Florida
  - Adopted 3 new change management SEEM penalties to mirror Florida

STATE COMMISSION INVOLVEMENT - FLORIDA

- Florida Public Service Commission involvement as a result of the Florida Third Party Test
  - Implementation of BellSouth's proposed 50/50 prioritization plan (on which KPMG had commented favorably)
  - Ordered 6 new change management performance metrics
  - Ordered penalties on 3 of the 6 new change management metrics
  - As part of new metrics, implemented a 60-week implementation requirement (subject to cost, technical feasibility and industry standards)
  - Required BellSouth to file an implementation plan setting forth means by which BellSouth will comply with 60-week implementation period
  - BellSouth voluntarily implemented new change control metrics and penalties on a region-wide basis

TESTING ENVIRONMENTS

- BellSouth provides two compliant testing environments
- Original test environment – used when a CLEC is shifting from manual to an electronic environment or upgrading its electronic interface
- CAVE (CLEC Application Verification Environment) – an environment dedicated to CLECs, which is a duplicate of the production systems
- As of August 30, 2002, 15 CLECs and vendors have used CAVE
- CAVE is available for most of 2002

- Pre-soak for Release 10.5	May 6 - June 1
- Pre-soak for Release 10.6	July 26 - Aug. 23
- Post-Release for Release 10.6	Aug. 23 - Nov. 1
- Pre-soak for Release 11.0	Nov. 11 - Dec. 6

TESTING ENVIRONMENTS

- A collaborative was established to enhance CLECs testing experience in CAVE
- Testing Improvements in CAVE
  - Daily pre-release testing status report
  - Weekly conference calls during pre-release CAVE testing for exchange of information
  - Go/No Go recommendation
    - Only CLECs who utilize interfaces being impacted by the pending release will be called upon to vote
    - CLEC vote will be considered in decision to put code in production
    - A defer vote is based on one of the following:
    - An un-resolved validated Severity 1 defect
    - An un-resolved validated Severity 2 defect (with no work-around)
  - All Type 2- Type 6 change requests are added to Flagship Feature Release Schedule

PRIORITIZATION OF CHANGE REQUESTS

- BellSouth provides CLECs with the complete and timely information that they need to prioritize change requests
  - BellSouth provides CLECs with estimates of capacity for each Type 4 and Type 5 change request
  - CLECs can use this information to prioritize features
  - Once prioritized, features are slotted into specific releases
  - Last prioritization meeting held September 25, 2002; next prioritization meeting scheduled for December 2002

- BellSouth commits significant resources to CCP
  - 2002: An estimated 300,000 programmer hours and $108 million
  - 2003: Comparable to 2002
  - Contractors: Accenture, Telcordia and EDS

PRIORITIZATION OF CHANGE REQUESTS

- Prioritization and resource allocation
  - BellSouth is implementing OSS changes as quickly as possible given change control process and software engineering constraints.
  - CCP mandates lead times for each step in software development process; e.g. provision of user requirements, development of system requirements, coding and testing. This limits the number of releases in a given year.
  - Practical limitation on number of releases that can be in development and testing simultaneously.
  - Claims of "substantial backlog" of change requests are inflated. Features are being staged as required by the CCP.

2003 RELEASE PLAN

- In 60-week implementation plan filed with Florida PSC, BellSouth submitted a proposed modification to original 2003 Release Plan
- September 5, 2002 – BellSouth proposed 3 different alternatives from the Florida PSC plan to CCP
- CLECs submitted a counterproposal
- Two proposals were balloted – CLECs chose Option 1:
  - Release 12.0 on March 30, 2003
  - Release 13.0 on June 8, 2003
  - Release 14.0 (former 15.0 - ELMS6 industry) on December 15, 2003
- BellSouth will provide finalized scope and release timeline under Option 1 to CLECs on October 4, 2002 (2 weeks after ballot).

ADHERENCE TO THE PROCESS

- Since 1/1/02, BellSouth has implemented 34 requests for features.
- Includes 12 2/3 of CLECs' Top 15 feature change requests
- Remainder of Top 15 is scheduled for Release 11.0 in December 2002.
- Top 15 includes:
  - Mechanization of ordering for partial migration of UNE loops
  - Ability to electronically specify changes in directory delivery addresses
  - UNE to UNE Bulk Migrations (significant programming effort in Rel. 11.0)
  - Mechanization of Completion Notice on incorrect LSR version
- By year-end, BellSouth expects to have implemented 40 feature change requests and 287 defect fixes. The features include:
  - Fully parsed CSR
  - Single C ordering process
  - Mechanized ordering for line splitting
  - Mechanized ordering of EELs

CURRENT STATUS OF CHANGE REQUESTS

- Type 2 (mandate and FTTF), Type 4 (BellSouth-initiated) and Type 5 (CLEC-initiated)
  - 7 Pending Change Requests
  - 36 Candidate Requests
  - 16 Scheduled Requests

- Type 6 - Software defects
  - 20 Validated
  - 24 Scheduled

CUMULATIVE SUMMARY OF CHANGE REQUESTS
(*Through 9/30/02*)

Classification	Type 2 Mandate/ FTTF	Type 3 Industry Standard	Type 4 BellSouth Initiated	Type 5 CLEC Initiated	Type 6 Software Defect	Type 6 Doc Defect
Pending Clarification	0	0	0	6	2	1
New Requests	0	0	0	26	9	2
BLS response in process				11	0	0
Awaiting CLEC Cancellation				8	9	2
In negotiations				6	0	0
Red Line/Green Line				1	0	0
Pending	4	1	0	3	NA	NA
Validated	NA	NA	NA	NA	20	0
Candidate Requests	10	0	8	18	NA	NA
Scheduled	9	0	1	6	24	
Implemented	24	0	46	43	218	212

QUALITY OF SOFTWARE RELEASES

- BellSouth uses two highly rated vendors to implement software releases - Accenture (Level 3) and Telcordia (Level 5)
- QP Management Group found BellSouth's defects per function point has declined over 2002
- BellSouth implemented improvements in testing to continue to improve quality of software releases:
  - Hired third party vendor to expand test deck cases used during internal testing
  - Used expanded test deck in CAVE
  - Ran 17,000 test cases for Rel. 10.6 compared to approximately 9,000 for Rel. 10.5
  - "Pushed" orders through prior to release to alleviate transition errors
- Efforts paid off; to date, 9 CLEC-affecting defects in Release 10.6
  - 4 defects were identified pre-production and BellSouth provided CLECs with notice and manual work-around
  - Quality of Rel. 10.6 comparable to "best in class"
  - 4 of 5 post-production defects are fixed; remaining defect is Severity 4
- Overall, BellSouth has used only approximately 8% of capacity for defect correction

ATTACHEMENT B

UNE COMBO (OTHER)
PRODUCT ROLL-UP FOR July 2002

SBJCT_AREA	PRODUCT_GRP_DESC	PROD_GROUP_ID	PROD_DESC	PROD_ID
MR	UNE - Combo (other)	17	UNE 2W Voice Loop (Ground Start) Riding DS1 Interoffice Channel - EEL-1	261
MR	UNE - Combo (other)	17	UNE 2W Voice Loop (Loop Start) Riding DS1 Interoffice Channel - EEL-1	262
MR	UNE - Combo (other)	17	UNE 2W Voice Loop (Reverse Battery) Riding DS1 Interoffice Channel - EEL-1	263
MR	UNE - Combo (other)	17	UNE 4W Voice Loop (Ground Start) Riding DS1 Interoffice Channel - EEL-2	265
MR	UNE - Combo (other)	17	UNE 4W Voice Loop (Loop Start) Riding DS1 Interoffice Channel - EEL-2	266
MR	UNE - Combo (other)	17	UNE 2W ISDN Loop (Basic Rate) Riding DS1 Interoffice Channel - EEL-3	267
MR	UNE - Combo (other)	17	UNE 4W Unbundled Digital Loop - 56kbps Riding DS1 Interoffice Channel - EEL-4	268
MR	UNE - Combo (other)	17	UNE 4W Unbundled Digital Loop - 64kbps Riding DS1 Interoffice Channel - EEL-5	269
MR	UNE - Combo (other)	17	UNE DS1 Loop Riding DS1 Interoffice Channel - EEL-6	270
MR	UNE - Combo (other)	17	UNE DS3 Loop Riding DS3 Interoffice Channel - EEL-7	271
MR	UNE - Combo (other)	17	UNE STS-1 Loop Riding STS-1 Interoffice Channel - EEL-8	272
MR	UNE - Combo (other)	17	UNE DS1 Loop Riding DS3 Interoffice Channel - EEL-9	274
MR	UNE - Combo (other)	17	UNE DS1 Loop Riding STS-1 Interoffice Channel - EEL-10	275
MR	UNE - Combo (other)	17	UNE 2W Voice Loop (Ground Start) Riding 2W Voice Grade Interoffice Channel - EEL-11	277
MR	UNE - Combo (other)	17	UNE 2W Voice Loop (Loop Start) Riding 2W Voice Grade Interoffice Channel - EEL-11	278
MR	UNE - Combo (other)	17	UNE 2W Voice Loop (Reverse Battery) Riding 2W Voice Grade Interoffice Channel - EEL-11	279
MR	UNE - Combo (other)	17	UNE 4W Voice Loop (Ground Start) Riding 4W Voice Grade Interoffice Channel - EEL-12	281
MR	UNE - Combo (other)	17	UNE 4W Voice Loop (Loop Start) Riding 4W Voice Grade Interoffice Channel - EEL-12	282
MR	UNE - Combo (other)	17	UNE 4W Unbundled Digital Loop - 56kbps Riding 4W 56kbps Interoffice Channel - EEL-13	283
MR	UNE - Combo (other)	17	UNE 4W Unbundled Digital Loop - 64kbps Riding 4W 64kbps Interoffice Channel - EEL-14	284
MR	UNE - Combo (other)	17	UNE 2W Voice Grade Local Channel (Ground Start) + 2W VG Interoffice + 2W VG Loop	286
MR	UNE - Combo (other)	17	UNE 2W Voice Grade Local Channel (Loop Start) + 2W VG Interoffice + 2W VG Loop	287
MR	UNE - Combo (other)	17	UNE 2W Voice Grade Local Channel (Reverse Battery) + 2W VG Interoffice + 2W VG Loop	288
MR	UNE - Combo (other)	17	UNE 4W Voice Grade Local Channel (Ground Start) + 4W VG Interoffice + 4W VG Loop	290
MR	UNE - Combo (other)	17	UNE 4W Voice Grade Local Channel (Loop Start) + 4W VG Interoffice + 4W VG Loop	291
MR	UNE - Combo (other)	17	UNE 4W 56kbps Local Channel + 4W 56kbps Interoffice + 4W 56kbps Local Loop	292
MR	UNE - Combo (other)	17	UNE 4W 64kbps Local Channel + 4W 64kbps Interoffice + 4W 64kbps Local Loop	293
MR	UNE - Combo (other)	17	UNE DS1 Local Channel + DS1 Interoffice + DS1 Local Loop	294
MR	UNE - Combo (other)	17	UNE DS3 Local Channel + DS3 Interoffice + DS3 Local Loop	295
MR	UNE - Combo (other)	17	UNE STS-1 Local Channel + STS-1 Interoffice + STS-1 Local Loop	296
MR	UNE - Combo (other)	17	UNE 2W Voice Grade Local Loop (Ground Start) + 2W VG Interoffice w existing 1/0 Mux Channelized Local Channel	298
MR	UNE - Combo (other)	17	UNE 2W Voice Grade Local Loop (Loop Start) + 2W VG Interoffice w existing 1/0 Mux Channelized Local Channel	299
MR	UNE - Combo (other)	17	UNE 2W Voice Grade Local Loop (Reverse Battery) + 2W VG Interoffice w existing 1/0 Mux Channelized Local Channel	300
MR	UNE - Combo (other)	17	UNE 4W Voice Grade Local Loop (Ground Start) + 4W VG Interoffice w existing 1/0 Mux Channelized Local Channel	302
MR	UNE - Combo (other)	17	UNE 4W Voice Grade Local Loop (Loop Start) + 4W VG Interoffice w existing 1/0 Mux Channelized Local Channel	303
MR	UNE - Combo (other)	17	UNE DS1 Local Loop + DS1 Interoffice w existing 3/1 Mux (DS3) Channelized Local Channel	305
MR	UNE - Combo (other)	17	UNE DS1 Local Loop + DS1 Interoffice w existing 3/1 Mux (STS-1) Channelized Local Channel	306
MR	UNE - Combo (other)	17	UNE DS1 Local Loop w existing 3/1 Mux (DS3) Channelized Local Channel	308
MR	UNE - Combo (other)	17	UNE DS1 Local Loop w existing 3/1 Mux (STS-1) Channelized Local Channel	309
MR	UNE - Combo (other)	17	UNE DS1 Interoffice Channel w existing 3/1 Mux (DS3) Channelized Local Channel	311
MR	UNE - Combo (other)	17	UNE DS1 Interoffice Channel w existing 3/1 Mux (STS-1) Channelized Local Channel	312
MR	UNE - Combo (other)	17	UNE DS1 Local Loop + DS1 Interoffice w 3/1 Mux (DS3) Collocated Channelization	315
MR	UNE - Combo (other)	17	UNE DS1 Local Loop + DS1 Interoffice w 3/1 Mux (STS-1) Collocated Channelization	316
MR	UNE - Combo (other)	17	UNE DS1 Local Channel + DS1 Local Loop	317
MR	UNE - Combo (other)	17	UNE DS3 Local Channel + DS3 Local Loop	318
MR	UNE - Combo (other)	17	UNE STS-1 Local Channel + STS-1 Local Loop	319
MR	UNE - Combo (other)	17	UNE DS1 Local Channel + DS1 Local Interoffice Channel to Collocation	320
MR	UNE - Combo (other)	17	UNE DS3 Local Channel + DS3 Local Interoffice Channel to Collocation	321
MR	UNE - Combo (other)	17	UNE STS-1 Local Channel + STS-1 Local Interoffice Channel to Collocation	322
MR	UNE - Combo (other)	17	UNE Channelized DS1 Local Channel + DS1 Local Interoffice w 1/0 Mux Channelization	323
MR	UNE - Combo (other)	17	UNE Channelized DS3 Local Channel + DS3 Local Interoffice w 3/1 Mux Channelization	324
MR	UNE - Combo (other)	17	UNE Channelized STS-1 Local Channel + STS-1 Local Interoffice w 3/1 Mux Channelization	325
MR	UNE - Combo (other)	17	UNE 2W Voice Grade Local Channel (Ground Start) w existing 1/0 Mux Channelized Interoffice Channel	327

UNE COMBO (OTHER)
PRODUCT ROLL-UP FOR July 2002

SBJCT_AREA	PRODUCT_GRP_DESC	PROD_GROUP_ID	PROD_DESC	PROD_ID
MR	UNE - Combo (other)	17	UNE 2W Voice Grade Local Channel (Loop Start) w existing 1/0 Mux Channelized Interoffice Channel	328
MR	UNE - Combo (other)	17	UNE 2W Voice Grade Local Channel (Reverse Battery) w existing 1/0 Mux Channelized Interoffice Channel	329
MR	UNE - Combo (other)	17	UNE 4W Voice Grade Local Channel (Ground Start) w existing 1/0 Mux Channelized Interoffice Channel	331
MR	UNE - Combo (other)	17	UNE 4W Voice Grade Local Channel (Loop Start) w existing 1/0 Mux Channelized Interoffice Channel	332
MR	UNE - Combo (other)	17	UNE DS1 Local Channel w existing 3/1 Mux (DS3) Channelized Interoffice Channel	334
MR	UNE - Combo (other)	17	UNE DS1 Local Channel w existing 3/1 Mux (STS-1) Channelized Interoffice Channel	335
MR	UNE - Combo (other)	17	UNE DS1 Interoffice Channel w existing 3/1 Mux (DS3) Independent Local Loop Channelization	601
MR	UNE - Combo (other)	17	UNE DS1 Interoffice Channel w existing 3/1 Mux (STS-1) Independent Local Loop Channelization	602
MR	UNE - Combo (other)	17	UNE DS1 Interoffice Channel w 1/0 Mux Channelization	603
MR	UNE - Combo (other)	17	UNE DS3 Interoffice Channel w 3/1 Mux Channelization	604
MR	UNE - Combo (other)	17	UNE STS-1 Interoffice Channel w 3/1 Mux Channelization	605
MR	UNE - Combo (other)	17	UNE DS1 Local Channel w 1/0 Mux Channelization	606
MR	UNE - Combo (other)	17	UNE DS3 Local Channel w 3/1 Mux Channelization	607
MR	UNE - Combo (other)	17	UNE STS-1 Local Channel w 3/1 Mux Channelization	608
MR	UNE - Combo (other)	17	UNE DS1 1/0 Mux Collocation w Channelization	609
MR	UNE - Combo (other)	17	UNE DS3 3/1 Mux Collocation w Channelization	610
MR	UNE - Combo (other)	17	UNE STS-1 3/1 Mux Collocation w Channelization	611
OR	UNE - Combo (other)	475	UNE 2W Voice Loop (Ground Start) Riding DS1 Interoffice Channel - EEL-1	261
OR	UNE - Combo (other)	475	UNE 2W Voice Loop (Loop Start) Riding DS1 Interoffice Channel - EEL-1	262
OR	UNE - Combo (other)	475	UNE 2W Voice Loop (Reverse Battery) Riding DS1 Interoffice Channel - EEL-1	263
OR	UNE - Combo (other)	475	UNE 4W Voice Loop (Ground Start) Riding DS1 Interoffice Channel - EEL-2	265
OR	UNE - Combo (other)	475	UNE 4W Voice Loop (Loop Start) Riding DS1 Interoffice Channel - EEL-2	266
OR	UNE - Combo (other)	475	UNE 2W ISDN Loop (Basic Rate) Riding DS1 Interoffice Channel - EEL-3	267
OR	UNE - Combo (other)	475	UNE 4W Unbundled Digital Loop - 56kbps Riding DS1 Interoffice Channel - EEL-4	268
OR	UNE - Combo (other)	475	UNE 4W Unbundled Digital Loop - 64kbps Riding DS1 Interoffice Channel - EEL-5	269
OR	UNE - Combo (other)	475	UNE DS1 Loop Riding DS1 Interoffice Channel - EEL-6	270
OR	UNE - Combo (other)	475	UNE DS3 Loop Riding DS3 Interoffice Channel - EEL-7	271
OR	UNE - Combo (other)	475	UNE STS-1 Loop Riding STS-1 Interoffice Channel - EEL-8	272
OR	UNE - Combo (other)	475	UNE DS1 Loop Riding DS3 Interoffice Channel - EEL-9	274
OR	UNE - Combo (other)	475	UNE DS1 Loop Riding STS-1 Interoffice Channel - EEL-10	275
OR	UNE - Combo (other)	475	UNE 2W Voice Loop (Ground Start) Riding 2W Voice Grade Interoffice Channel - EEL-11	277
OR	UNE - Combo (other)	475	UNE 2W Voice Loop (Loop Start) Riding 2W Voice Grade Interoffice Channel - EEL-11	278
OR	UNE - Combo (other)	475	UNE 2W Voice Loop (Reverse Battery) Riding 2W Voice Grade Interoffice Channel - EEL-11	279
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OR	UNE - Combo (other)	475	UNE 2W Voice Grade Local Channel (Loop Start) + 2W VG Interoffice + 2W VG Loop	287
OR	UNE - Combo (other)	475	UNE 2W Voice Grade Local Channel (Reverse Battery) + 2W VG Interoffice + 2W VG Loop	288
OR	UNE - Combo (other)	475	UNE 4W Voice Grade Local Channel (Ground Start) + 4W VG Interoffice + 4W VG Loop	290
OR	UNE - Combo (other)	475	UNE 4W Voice Grade Local Channel (Loop Start) + 4W VG Interoffice + 4W VG Loop	291
OR	UNE - Combo (other)	475	UNE 4W 56kbps Local Channel + 4W 56kbps Interoffice + 4W 56kbps Local Loop	292
OR	UNE - Combo (other)	475	UNE 4W 64kbps Local Channel + 4W 64kbps Interoffice + 4W 64kbps Local Loop	293
OR	UNE - Combo (other)	475	UNE DS1 Local Channel + DS1 Interoffice + DS1 Local Loop	294
OR	UNE - Combo (other)	475	UNE DS3 Local Channel + DS3 Interoffice + DS3 Local Loop	295
OR	UNE - Combo (other)	475	UNE STS-1 Local Channel + STS-1 Interoffice + STS-1 Local Loop	296
OR	UNE - Combo (other)	475	UNE 2W Voice Grade Local Loop (Ground Start) + 2W VG Interoffice w existing 1/0 Mux Channelized Local Channel	298
OR	UNE - Combo (other)	475	UNE 2W Voice Grade Local Loop (Loop Start) + 2W VG Interoffice w existing 1/0 Mux Channelized Local Channel	299
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OR	UNE - Combo (other)	475	UNE 4W Voice Grade Local Loop (Ground Start) + 4W VG Interoffice w existing 1/0 Mux Channelized Local Channel	302
OR	UNE - Combo (other)	475	UNE 4W Voice Grade Local Loop (Loop Start) + 4W VG Interoffice w existing 1/0 Mux Channelized Local Channel	303
OR	UNE - Combo (other)	475	UNE DS1 Local Loop + DS1 Interoffice w existing 3/1 Mux (DS3) Channelized Local Channel	305

UNE COMBO (OTHER)
PRODUCT ROLL-UP FOR July 2002

SBJCT_AREA	PRODUCT_GRP_DESC	PROD_GROUP_ID	PROD_DESC	PROD_ID
OR	UNE - Combo (other)	475	UNE DS1 Local Loop + DS1 Interoffice w existing 3/1 Mux (STS-1) Channelized Local Channel	306
OR	UNE - Combo (other)	475	UNE DS1 Local Loop w existing 3/1 Mux (DS3) Channelized Local Channel	308
OR	UNE - Combo (other)	475	UNE DS1 Local Loop w existing 3/1 Mux (STS-1) Channelized Local Channel	309
OR	UNE - Combo (other)	475	UNE DS1 Interoffice Channel w existing 3/1 Mux (DS3) Channelized Local Channel	311
OR	UNE - Combo (other)	475	UNE DS1 Interoffice Channel w existing 3/1 Mux (STS-1) Channelized Local Channel	312
OR	UNE - Combo (other)	475	UNE DS1 Local Loop + DS1 Interoffice w 3/1 Mux (DS3) Collocated Channelization	315
OR	UNE - Combo (other)	475	UNE DS1 Local Loop + DS1 Interoffice w 3/1 Mux (STS-1) Collocated Channelization	316
OR	UNE - Combo (other)	475	UNE DS1 Local Channel + DS1 Local Loop	317
OR	UNE - Combo (other)	475	UNE DS3 Local Channel + DS3 Local Loop	318
OR	UNE - Combo (other)	475	UNE STS-1 Local Channel + STS-1 Local Loop	319
OR	UNE - Combo (other)	475	UNE DS1 Local Channel + DS1 Local Interoffice Channel to Collocation	320
OR	UNE - Combo (other)	475	UNE DS3 Local Channel + DS3 Local Interoffice Channel to Collocation	321
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OR	UNE - Combo (other)	475	UNE 4W Voice Grade Local Channel (Loop Start) w existing 1/0 Mux Channelized Interoffice Channel	332
OR	UNE - Combo (other)	475	UNE DS1 Local Channel w existing 3/1 Mux (DS3) Channelized Interoffice Channel	334
OR	UNE - Combo (other)	475	UNE DS1 Local Channel w existing 3/1 Mux (STS-1) Channelized Interoffice Channel	335
OR	UNE - Combo (other)	475	UNE DS1 Interoffice Channel w existing 3/1 Mux (DS3) Independent Local Loop Channelization	601
OR	UNE - Combo (other)	475	UNE DS1 Interoffice Channel w existing 3/1 Mux (STS-1) Independent Local Loop Channelization	602
OR	UNE - Combo (other)	475	UNE DS1 Interoffice Channel w 1/0 Mux Channelization	603
OR	UNE - Combo (other)	475	UNE DS3 Interoffice Channel w 3/1 Mux Channelization	604
OR	UNE - Combo (other)	475	UNE STS-1 Interoffice Channel w 3/1 Mux Channelization	605
OR	UNE - Combo (other)	475	UNE DS1 Local Channel w 1/0 Mux Channelization	606
OR	UNE - Combo (other)	475	UNE DS3 Local Channel w 3/1 Mux Channelization	607
OR	UNE - Combo (other)	475	UNE STS-1 Local Channel w 3/1 Mux Channelization	608
OR	UNE - Combo (other)	475	UNE DS1 1/0 Mux Collocation w Channelization	609
OR	UNE - Combo (other)	475	UNE DS3 3/1 Mux Collocation w Channelization	610
OR	UNE - Combo (other)	475	UNE STS-1 3/1 Mux Collocation w Channelization	611
OR	UNE - Combo (other)	475	UNE EEL Loops (Generic)	993
PR	UNE - Combo (other)	908	UNE 2W Voice Loop (Ground or Loop Start) Riding DS1 Interoffice Channel - EEL-1	260
PR	UNE - Combo (other)	908	UNE 2W Voice Loop (Reverse Battery) Riding DS1 Interoffice Channel - EEL-1	263
PR	UNE - Combo (other)	908	UNE 4W Voice Loop (Ground or Loop Start) Riding DS1 Interoffice Channel - EEL-2	264
PR	UNE - Combo (other)	908	UNE 2W ISDN Loop (Basic Rate) Riding DS1 Interoffice Channel - EEL-3	267
PR	UNE - Combo (other)	908	UNE 4W Unbundled Digital Loop - 56kbps Riding DS1 Interoffice Channel - EEL-4	268
PR	UNE - Combo (other)	908	UNE 4W Unbundled Digital Loop - 64kbps Riding DS1 Interoffice Channel - EEL-5	269
PR	UNE - Combo (other)	908	UNE DS1 Loop Riding DS1 Interoffice Channel - EEL-6	270
PR	UNE - Combo (other)	908	UNE DS3 Loop Riding DS3 Interoffice Channel - EEL-7	271
PR	UNE - Combo (other)	908	UNE STS-1 Loop Riding STS-1 Interoffice Channel - EEL-8	272
PR	UNE - Combo (other)	908	UNE DS1 Loop Riding DS3 (or STS-1) Interoffice Channel - EEL-9 (or EEL-10)	273
PR	UNE - Combo (other)	908	UNE 2W Voice Loop (Ground or Loop Start) Riding 2W Voice Grade Interoffice Channel - EEL-11	276
PR	UNE - Combo (other)	908	UNE 2W Voice Loop (Reverse Battery) Riding 2W Voice Grade Interoffice Channel - EEL-11	279
PR	UNE - Combo (other)	908	UNE 4W Voice Loop (Ground or Loop Start) Riding 4W Voice Grade Interoffice Channel - EEL-12	280
PR	UNE - Combo (other)	908	UNE 4W Unbundled Digital Loop - 56kbps Riding 4W 56kbps Interoffice Channel - EEL-13	283
PR	UNE - Combo (other)	908	UNE 4W Unbundled Digital Loop - 64kbps Riding 4W 64kbps Interoffice Channel - EEL-14	284
PR	UNE - Combo (other)	908	UNE 2W Voice Grade Local Channel (Ground or Loop Start) + 2W VG Interoffice + 2W VG Loop	285
PR	UNE - Combo (other)	908	UNE 2W Voice Grade Local Channel (Reverse Battery) + 2W VG Interoffice + 2W VG Loop	288
PR	UNE - Combo (other)	908	UNE 4W Voice Grade Local Channel (Ground or Loop Start) + 4W VG Interoffice + 4W VG Loop	289

UNE COMBO (OTHER)
PRODUCT ROLL-UP FOR July 2002

SELECT AREA	PRODUCT 3RD DESC	PROD GROUP	PRODUCT	
PR	UNE - Combo (other)	908	UNE 4W 56kbps Local Channel + 4W 56kbps Interoffice + 4W 56kbps Local Loop	292
PR	UNE - Combo (other)	908	UNE 4W 64kbps Local Channel + 4W 64kbps Interoffice + 4W 64kbps Local Loop	293
PR	UNE - Combo (other)	908	UNE DS1 Local Channel + DS1 Interoffice + DS1 Local Loop	294
PR	UNE - Combo (other)	908	UNE DS3 Local Channel + DS3 Interoffice + DS3 Local Loop	295
PR	UNE - Combo (other)	908	UNE STS-1 Local Channel + STS-1 Interoffice + STS-1 Local Loop	296
PR	UNE - Combo (other)	908	UNE 2W Voice Grade Local Loop (Ground or Loop Start) + 2W VG Interoffice w existing 1/0 Mux Channelized Local Channel	297
PR	UNE - Combo (other)	908	UNE 2W Voice Grade Local Loop (Reverse Battery) + 2W VG Interoffice w existing 1/0 Mux Channelized Local Channel	300
PR	UNE - Combo (other)	908	UNE 4W Voice Grade Local Loop (Ground or Loop Start) + 4W VG Interoffice w existing 1/0 Mux Channelized Local Channel	301
PR	UNE - Combo (other)	908	UNE DS1 Local Loop + DS1 Interoffice w existing 3/1 Mux (DS3 or STS-1) Channelized Local Channel	304
PR	UNE - Combo (other)	908	UNE DS1 Local Loop w existing 3/1 Mux (DS3 or STS-1) Channelized Local Channel	307
PR	UNE - Combo (other)	908	UNE DS1 Interoffice Channel w existing 3/1 Mux (DS3 or STS-1) Channelized Local Channel	310
PR	UNE - Combo (other)	908	UNE DS1 Local Loop + DS1 Interoffice w 3/1 Mux (DS3 or STS-1) Collocated Channelization	314
PR	UNE - Combo (other)	908	UNE DS1 Local Channel + DS1 Local Loop	317
PR	UNE - Combo (other)	908	UNE DS3 Local Channel + DS3 Local Loop	318
PR	UNE - Combo (other)	908	UNE STS-1 Local Channel + STS-1 Local Loop	319
PR	UNE - Combo (other)	908	UNE DS1 Local Channel + DS1 Local Interoffice Channel to Collocation	320
PR	UNE - Combo (other)	908	UNE DS3 Local Channel + DS3 Local Interoffice Channel to Collocation	321
PR	UNE - Combo (other)	908	UNE STS-1 Local Channel + STS-1 Local Interoffice Channel to Collocation	322
PR	UNE - Combo (other)	908	UNE Channelized DS1 Local Channel + DS1 Local Interoffice w 1/0 Mux Channelization	323
PR	UNE - Combo (other)	908	UNE Channelized DS3 Local Channel + DS3 Local Interoffice w 3/1 Mux Channelization	324
PR	UNE - Combo (other)	908	UNE Channelized STS-1 Local Channel + STS-1 Local Interoffice w 3/1 Mux Channelization	325
PR	UNE - Combo (other)	908	UNE 2W Voice Grade Local Channel (Ground or Loop Start) w existing 1/0 Mux Channelized Interoffice Channel	326
PR	UNE - Combo (other)	908	UNE 2W Voice Grade Local Channel (Reverse Battery) w existing 1/0 Mux Channelized Interoffice Channel	329
PR	UNE - Combo (other)	908	UNE 4W Voice Grade Local Channel (Ground or Loop Start) w existing 1/0 Mux Channelized Interoffice Channel	330
PR	UNE - Combo (other)	908	UNE DS1 Local Channel w existing 3/1 Mux (DS3 or STS-1) Channelized Interoffice Channel	333
PR	UNE - Combo (other)	908	UNE DS1 Interoffice Channel w existing 3/1 Mux (DS3 or STS-1) Independent Local Loop Channelization	600
PR	UNE - Combo (other)	908	UNE DS1 Interoffice Channel w 1/0 Mux Channelization	603
PR	UNE - Combo (other)	908	UNE DS3 Interoffice Channel w 3/1 Mux Channelization	604
PR	UNE - Combo (other)	908	UNE STS-1 Interoffice Channel w 3/1 Mux Channelization	605
PR	UNE - Combo (other)	908	UNE DS1 Local Channel w 1/0 Mux Channelization	606
PR	UNE - Combo (other)	908	UNE DS3 Local Channel w 3/1 Mux Channelization	607
PR	UNE - Combo (other)	908	UNE STS-1 Local Channel w 3/1 Mux Channelization	608
PR	UNE - Combo (other)	908	UNE DS1 1/0 Mux Collocation w Channelization	609
PR	UNE - Combo (other)	908	UNE DS3 3/1 Mux Collocation w Channelization	610
PR	UNE - Combo (other)	908	UNE STS-1 3/1 Mux Collocation w Channelization	611

UNE - OTHER DESIGN
PRODUCT ROLL-UP FOR July 2002

SBJCT_AREA	PRODUCT_GRP_DESC	PROD_GROUP_ID	PROD_DESC	PRODUCT
MR	UNE - Other Design	24	UNE 4W Analog Loop (Ground Start)	127
MR	UNE - Other Design	24	UNE 4W Analog Loop (Ground Start) w/o NP	127
MR	UNE - Other Design	24	UNE 4W Analog Loop (Loop Start)	128
MR	UNE - Other Design	24	UNE 4W Analog Loop (Loop Start) w/o NP	128
MR	UNE - Other Design	24	UNE DS1 Non-Channelized Local Channel	176
MR	UNE - Other Design	24	UNE DS3 Non-Channelized Local Channel	177
MR	UNE - Other Design	24	UNE STS-1 Non-Channelized Local Channel	178
MR	UNE - Other Design	24	UNE DS1 Channelized Local Channel	185
MR	UNE - Other Design	24	UNE DS3 Channelized Local Channel	186
MR	UNE - Other Design	24	UNE STS-1 Channelized Local Channel	187
MR	UNE - Other Design	24	UNE DS1 Channelization (1/0 Mux)	191
MR	UNE - Other Design	24	UNE DS3 Channelization (3/1 Mux)	192
MR	UNE - Other Design	24	UNE STS-1 Channelization (3/1 Mux)	193
MR	UNE - Other Design	24	UNE Dedicated Transport - Dark Fiber Local Loop	194
MR	UNE - Other Design	24	UNE Dedicated Transport - Dark Fiber Local Channel	195
MR	UNE - Other Design	24	UNE Dedicated Transport - Dark Fiber Interoffice Channel	196
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - 2W Voice Loop (Ground Start)	236
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - 2W Voice Loop (Loop Start)	237
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - 2W Voice Loop (Reverse Battery)	238
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - 4W Voice Loop (Ground Start)	239
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - 4W Voice Loop (Loop Start)	240
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 2.4kbps	241
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 4.8kbps	242
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 9.6kbps	243
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 19.2kbps	244
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 56kbps	245
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 64kbps	246
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - 2W ISDN Loop (Basic Rate)	247
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - DS1 Local Loop	248
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - 2W Unbundled Copper Loop	249
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - 4W Unbundled Copper Loop (UCL)	254
MR	UNE - Other Design	24	UNE Loop Concentration - TR008 Non-Concentrated System AMI/SF	338
MR	UNE - Other Design	24	UNE Loop Concentration - TR008 Non-Concentrated System B8ZS/SF	339
MR	UNE - Other Design	24	UNE Loop Concentration - TR008 Non-Concentrated System B8ZS/ESF	340
MR	UNE - Other Design	24	UNE Loop Concentration - TR008 Concentrated System AMI/SF	341
MR	UNE - Other Design	24	UNE Loop Concentration - TR008 Concentrated System B8ZS/SF	342
MR	UNE - Other Design	24	UNE Loop Concentration - TR008 Concentrated System B8ZS/ESF	343
MR	UNE - Other Design	24	UNE Loop Concentration - TR303 System (Concentrated or Non-Concentrated) B8ZS/ESF	344
MR	UNE - Other Design	24	UNE 2W Voice Loop (Ground Start) Riding ULC System	348
MR	UNE - Other Design	24	UNE 2W Voice Loop (Loop Start) Riding ULC System	349
MR	UNE - Other Design	24	UNE 2W Voice Loop (Reverse Battery) Riding ULC System	350
MR	UNE - Other Design	24	UNE 4W Voice Loop (Ground Start) Riding ULC System	352
MR	UNE - Other Design	24	UNE 4W Voice Loop (Loop Start) Riding ULC System	353
MR	UNE - Other Design	24	UNE 4W Unbundled Digital Loop - 2.4kbps Riding ULC System	354
MR	UNE - Other Design	24	UNE 4W Unbundled Digital Loop - 4.8kbps Riding ULC System	355
MR	UNE - Other Design	24	UNE 4W Unbundled Digital Loop - 9.6kbps Riding ULC System	356
MR	UNE - Other Design	24	UNE 4W Unbundled Digital Loop - 19.2kbps Riding ULC System	357
MR	UNE - Other Design	24	UNE 4W Unbundled Digital Loop - 56kbps Riding ULC System	358
MR	UNE - Other Design	24	UNE 4W Unbundled Digital Loop - 64kbps Riding ULC System	359
MR	UNE - Other Design	24	UNE 2W ISDN (Basic Rate) Loop Riding ULC System	360
MR	UNE - Other Design	24	UNE 2W UDC (Universal Digital Channel) Capable Loop Riding ULC System	361
MR	UNE - Other Design	24	UNE Remote Site Unbundled DSL (RSUDSL) ATM DS1 Interface - 1.536 Mbps	371

UNE - OTHER DESIGN
PRODUCT ROLL-UP FOR July 2002

SBJCT AREA	PRODUCT GRP DESC	PROD GROUP ID	PROD DESC	PROD ID
MR	UNE - Other Design	24	UNE Remote Site Unbundled DSL (RSUDSL) ATM DS3 Interface - 44.210 Mbps	372
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - DS3 Loop	381
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - STS-1 Loop	382
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - OC-3 2 Fiber Loop	383
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - OC-3 4 Fiber Loop	384
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - OC-12 2 Fiber Loop	385
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - OC-12 4 Fiber Loop	386
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - OC-48 2 Fiber Loop	387
MR	UNE - Other Design	24	UNE Sub-Loop Feeder - OC-48 4 Fiber Loop	388
OR	UNE - Other Design	483	UNE 4W Analog Loop (Ground Start)	127
OR	UNE - Other Design	483	UNE 4W Analog Loop (Ground Start) w/o NP	127
OR	UNE - Other Design	483	UNE 4W Analog Loop (Loop Start)	128
OR	UNE - Other Design	483	UNE 4W Analog Loop (Loop Start) w/o NP	128
OR	UNE - Other Design	483	UNE 4W Unbundled Digital Loop - 2.4kbps	129
OR	UNE - Other Design	483	UNE 4W Unbundled Digital Loop - 4.8kbps	130
OR	UNE - Other Design	483	UNE 4W Unbundled Digital Loop - 9.6kbps	131
OR	UNE - Other Design	483	UNE 4W Unbundled Digital Loop - 19.2kbps	132
OR	UNE - Other Design	483	UNE 4W Unbundled Digital Loop - 56kbps	133
OR	UNE - Other Design	483	UNE 4W Unbundled Digital Loop - 64kbps	134
OR	UNE - Other Design	483	UNE DS1 Non-Channelized Local Loop	173
OR	UNE - Other Design	483	UNE DS3 Non-Channelized Local Loop	174
OR	UNE - Other Design	483	UNE STS-1 Non-Channelized Local Loop	175
OR	UNE - Other Design	483	UNE DS1 Non-Channelized Local Channel	176
OR	UNE - Other Design	483	UNE DS3 Non-Channelized Local Channel	177
OR	UNE - Other Design	483	UNE STS-1 Non-Channelized Local Channel	178
OR	UNE - Other Design	483	UNE DS1 Channelized Local Loop	182
OR	UNE - Other Design	483	UNE DS3 Channelized Local Loop	183
OR	UNE - Other Design	483	UNE STS-1 Channelized Local Loop	184
OR	UNE - Other Design	483	UNE DS1 Channelized Local Channel	185
OR	UNE - Other Design	483	UNE DS3 Channelized Local Channel	186
OR	UNE - Other Design	483	UNE STS-1 Channelized Local Channel	187
OR	UNE - Other Design	483	UNE DS1 Channelization (1/0 Mux)	191
OR	UNE - Other Design	483	UNE DS3 Channelization (3/1 Mux)	192
OR	UNE - Other Design	483	UNE STS-1 Channelization (3/1 Mux)	193
OR	UNE - Other Design	483	UNE Dedicated Transport - Dark Fiber Local Loop	194
OR	UNE - Other Design	483	UNE Dedicated Transport - Dark Fiber Local Channel	195
OR	UNE - Other Design	483	UNE Dedicated Transport - Dark Fiber Interoffice Channel	196
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 2W Voice Loop (Ground Start)	236
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 2W Voice Loop (Loop Start)	237
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 2W Voice Loop (Reverse Battery)	238
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 4W Voice Loop (Ground Start)	239
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 4W Voice Loop (Loop Start)	240
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 2.4kbps	241
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 4.8kbps	242
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 9.6kbps	243
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 19.2kbps	244
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 56kbps	245
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 64kbps	246
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 2W ISDN Loop (Basic Rate)	247
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - DS1 Local Loop	248
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 2W Unbundled Copper Loop w/o Loop Modification	250
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 2W Unbundled Copper Loop (UCL) w Load Coil Removal - Loop Modification	251

UNE - OTHER DESIGN
PRODUCT ROLL-UP FOR July 2002

SBJCT_AREA	PRODUCT_GRP_DESC	PROD_GROUP_ID	PROD_DESC	PROD_ID
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 2W Unbundled Copper Loop (UCL) w Bridge Tap Removal - Loop Modification	252
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 2W Unbundled Copper Loop (UCL) w Load Coil & Bridge Tap Removal - Loop Modification	253
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 4W Unbundled Copper Loop w/o Loop Modification	255
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 4W Unbundled Copper Loop (UCL) w Load Coil Removal - Loop Modification	256
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 4W Unbundled Copper Loop (UCL) w Bridge Tap Removal - Loop Modification	257
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - 4W Unbundled Copper Loop (UCL) w Load Coil & Bridge Tap Removal - Loop Modification	258
OR	UNE - Other Design	483	UNE Loop Concentration - TR008 Non-Concentrated System AMI/SF	338
OR	UNE - Other Design	483	UNE Loop Concentration - TR008 Non-Concentrated System B8ZS/SF	339
OR	UNE - Other Design	483	UNE Loop Concentration - TR008 Non-Concentrated System B8ZS/ESF	340
OR	UNE - Other Design	483	UNE Loop Concentration - TR008 Concentrated System AMI/SF	341
OR	UNE - Other Design	483	UNE Loop Concentration - TR008 Concentrated System B8ZS/SF	342
OR	UNE - Other Design	483	UNE Loop Concentration - TR008 Concentrated System B8ZS/ESF	343
OR	UNE - Other Design	483	UNE Loop Concentration - TR303 System (Concentrated or Non-Concentrated) B8ZS/ESF	344
OR	UNE - Other Design	483	UNE 2W Voice Loop (Ground Start) Riding ULC System	348
OR	UNE - Other Design	483	UNE 2W Voice Loop (Loop Start) Riding ULC System	349
OR	UNE - Other Design	483	UNE 2W Voice Loop (Reverse Battery) Riding ULC System	350
OR	UNE - Other Design	483	UNE 4W Voice Loop (Ground Start) Riding ULC System	352
OR	UNE - Other Design	483	UNE 4W Voice Loop (Loop Start) Riding ULC System	353
OR	UNE - Other Design	483	UNE 4W Unbundled Digital Loop - 2.4kbps Riding ULC System	354
OR	UNE - Other Design	483	UNE 4W Unbundled Digital Loop - 4.8kbps Riding ULC System	355
OR	UNE - Other Design	483	UNE 4W Unbundled Digital Loop - 9.6kbps Riding ULC System	356
OR	UNE - Other Design	483	UNE 4W Unbundled Digital Loop - 19.2kbps Riding ULC System	357
OR	UNE - Other Design	483	UNE 4W Unbundled Digital Loop - 56kbps Riding ULC System	358
OR	UNE - Other Design	483	UNE 4W Unbundled Digital Loop - 64kbps Riding ULC System	359
OR	UNE - Other Design	483	UNE 2W ISDN (Basic Rate) Loop Riding ULC System	360
OR	UNE - Other Design	483	UNE 2W UDC (Universal Digital Channel) Capable Loop Riding ULC System	361
OR	UNE - Other Design	483	UNE Remote Site Unbundled DSL (RSUDSL) ATM DS1 Interface - 1.536 Mbps	371
OR	UNE - Other Design	483	UNE Remote Site Unbundled DSL (RSUDSL) ATM DS3 Interface - 44.210 Mbps	372
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - DS3 Loop	381
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - STS-1 Loop	382
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - OC-3 2 Fiber Loop	383
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - OC-3 4 Fiber Loop	384
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - OC-12 2 Fiber Loop	385
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - OC-12 4 Fiber Loop	386
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - OC-48 2 Fiber Loop	387
OR	UNE - Other Design	483	UNE Sub-Loop Feeder - OC-48 4 Fiber Loop	388
OR	UNE - Other Design	483	UNE 4W Analog Loop (Ground Start) w INP	1127
OR	UNE - Other Design	483	UNE 4W Analog Loop (Loop Start) w INP	1128
OR	UNE - Other Design	483	UNE 4W Analog Loop (Ground Start) w LNP	2127
OR	UNE - Other Design	483	UNE 4W Analog Loop (Loop Start) w LNP	2128
PR	UNE - Other Design	916	UNE 4W Analog Loop (Ground or Loop Start) w/o NP	126
PR	UNE - Other Design	916	UNE DS1 Non-Channelized Local Channel	176
PR	UNE - Other Design	916	UNE DS3 Non-Channelized Local Channel	177
PR	UNE - Other Design	916	UNE STS-1 Non-Channelized Local Channel	178
PR	UNE - Other Design	916	UNE DS1 Channelized Local Channel	185
PR	UNE - Other Design	916	UNE DS3 Channelized Local Channel	186
PR	UNE - Other Design	916	UNE STS-1 Channelized Local Channel	187
PR	UNE - Other Design	916	UNE DS1 Channelization (1/0 Mux)	191
PR	UNE - Other Design	916	UNE DS3 Channelization (3/1 Mux)	192
PR	UNE - Other Design	916	UNE STS-1 Channelization (3/1 Mux)	193
PR	UNE - Other Design	916	UNE Dedicated Transport - Dark Fiber Local Loop	194
PR	UNE - Other Design	916	UNE Dedicated Transport - Dark Fiber Local Channel	195

UNE - OTHER DESIGN
PRODUCT ROLL-UP FOR July 2002

SBJCT_AREA	PRODUCT_GRP_DESC	PROD_GROUP_ID	PROD_DESC	PROD_ID
PR	UNE - Other Design	916	UNE Dedicated Transport - Dark Fiber Interoffice Channel	196
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 2W Voice Loop (Ground Start)	236
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 2W Voice Loop (Loop Start)	237
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 2W Voice Loop (Reverse Battery)	238
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 4W Voice Loop (Ground Start)	239
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 4W Voice Loop (Loop Start)	240
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 2.4kbps	241
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 4.8kbps	242
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 9.6kbps	243
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 19.2kbps	244
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 56kbps	245
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 4W Unbundled Digital Loop - 64kbps	246
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 2W ISDN Loop (Basic Rate)	247
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - DS1 Local Loop	248
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 2W Unbundled Copper Loop w/o Loop Modification	250
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 2W Unbundled Copper Loop (UCL) w Load Coil Removal - Loop Modification	251
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 2W Unbundled Copper Loop (UCL) w Bridge Tap Removal - Loop Modification	252
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 2W Unbundled Copper Loop (UCL) w Load Coil & Bridge Tap Removal - Loop Modification	253
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 4W Unbundled Copper Loop w/o Loop Modification	255
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 4W Unbundled Copper Loop (UCL) w Load Coil Removal - Loop Modification	256
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 4W Unbundled Copper Loop (UCL) w Bridge Tap Removal - Loop Modification	257
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - 4W Unbundled Copper Loop (UCL) w Load Coil & Bridge Tap Removal - Loop Modification	258
PR	UNE - Other Design	916	UNE Loop Concentration - TR008 System A	336
PR	UNE - Other Design	916	UNE Loop Concentration - TR008 System B	337
PR	UNE - Other Design	916	UNE Loop Concentration - TR303 System A	345
PR	UNE - Other Design	916	UNE Loop Concentration - TR303 System B	346
PR	UNE - Other Design	916	UNE 2W Voice Loop (Ground or Loop Start) Riding ULC System	347
PR	UNE - Other Design	916	UNE 2W Voice Loop (Reverse Battery) Riding ULC System	350
PR	UNE - Other Design	916	UNE 4W Voice Loop (Ground or Loop Start) Riding ULC System	351
PR	UNE - Other Design	916	UNE 4W Unbundled Digital Loop - 2.4kbps Riding ULC System	354
PR	UNE - Other Design	916	UNE 4W Unbundled Digital Loop - 4.8kbps Riding ULC System	355
PR	UNE - Other Design	916	UNE 4W Unbundled Digital Loop - 9.6kbps Riding ULC System	356
PR	UNE - Other Design	916	UNE 4W Unbundled Digital Loop - 19.2kbps Riding ULC System	357
PR	UNE - Other Design	916	UNE 4W Unbundled Digital Loop - 56kbps Riding ULC System	358
PR	UNE - Other Design	916	UNE 4W Unbundled Digital Loop - 64kbps Riding ULC System	359
PR	UNE - Other Design	916	UNE 2W ISDN (Basic Rate) Loop Riding ULC System	360
PR	UNE - Other Design	916	UNE 2W UDC (Universal Digital Channel) Capable Loop Riding ULC System	361
PR	UNE - Other Design	916	UNE Remote Site Unbundled DSL (RSUDSL) ATM DS1 Interface - 1.536 Mbps	371
PR	UNE - Other Design	916	UNE Remote Site Unbundled DSL (RSUDSL) ATM DS3 Interface - 44.210 Mbps	372
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - DS3 Loop	381
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - STS-1 Loop	382
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - OC-3 2 Fiber Loop	383
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - OC-3 4 Fiber Loop	384
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - OC-12 2 Fiber Loop	385
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - OC-12 4 Fiber Loop	386
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - OC-48 2 Fiber Loop	387
PR	UNE - Other Design	916	UNE Sub-Loop Feeder - OC-48 4 Fiber Loop	388
PR	UNE - Other Design	916	UNE 4W Analog Loop (Ground or Loop Start) w INP	1126
PR	UNE - Other Design	916	UNE 4W Analog Loop (Ground or Loop Start) w LNP	2126

UNE - OTHER NON-DESIGN
PRODUCT ROLL-UP FOR July 2002

SBJCT AREA	PRODUCT GRP DESC	PROD GROUP ID	PROD DESC	PROD
MR	UNE - Other Non-Design	25	UNE 2W/4W Unbundled Copper Loop (UCL-ND) Non-Design	198
MR	UNE - Other Non-Design	25	UNE Network Terminating Wire (NTW)	207
MR	UNE - Other Non-Design	25	UNE Network Interface Devices (NID) - NID 1.. NID 6	208
MR	UNE - Other Non-Design	25	UNE Sub-Loop Distribution - 2W/4W Voice Grade Sub-Loop	221
MR	UNE - Other Non-Design	25	UNE Sub-Loop Intrabuilding Network Cable - 2W/4W Voice Grade Sub-Loop	224
MR	UNE - Other Non-Design	25	UNE Copper Sub-Loop - 2W/4W	227
MR	UNE - Other Non-Design	25	UNE INP (Standalone)	3001
MR	UNE - Other Non-Design	25	UNE Line Splitting	5005
OR	UNE - Other Non-Design	484	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w/o Loop Modification w/o NP	199
OR	UNE - Other Non-Design	484	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil Removal - Loop Modification w/o NP	200
OR	UNE - Other Non-Design	484	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w Bridge Tap Removal - Loop Modification w/o NP	201
OR	UNE - Other Non-Design	484	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil & Bridge Tap Removal - Loop Modification w/o NP	202
OR	UNE - Other Non-Design	484	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w/o Loop Modification w/o NP	203
OR	UNE - Other Non-Design	484	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil Removal - Loop Modification w/o NP	204
OR	UNE - Other Non-Design	484	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w Bridge Tap Removal - Loop Modification w/o NP	205
OR	UNE - Other Non-Design	484	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil & Bridge Tap Removal - Loop Modification w/o NP	206
OR	UNE - Other Non-Design	484	UNE Network Terminating Wire (NTW)	207
OR	UNE - Other Non-Design	484	UNE Network Interface Devices (NID) - 1 to 2 Lines - NID 1 Residence	209
OR	UNE - Other Non-Design	484	UNE Network Interface Devices (NID) - 1 to 2 Lines - NID 1 Business	210
OR	UNE - Other Non-Design	484	UNE Network Interface Devices (NID) - 1 to 2 Lines, NID to NID Cross Connect 2W - NID 2 Residence	211
OR	UNE - Other Non-Design	484	UNE Network Interface Devices (NID) - 1 to 2 Lines, NID to NID Cross Connect 2W - NID 2 Business	212
OR	UNE - Other Non-Design	484	UNE Network Interface Devices (NID) - 1 to 2 Lines, NID to NID Cross Connect 4W - NID 3 Residence	213
OR	UNE - Other Non-Design	484	UNE Network Interface Devices (NID) - 1 to 2 Lines, NID to NID Cross Connect 4W - NID 3 Business	214
OR	UNE - Other Non-Design	484	UNE Network Interface Devices (NID) - 1 to 6 Lines - NID 4 Residence	215
OR	UNE - Other Non-Design	484	UNE Network Interface Devices (NID) - 1 to 6 Lines - NID 4 Business	216
OR	UNE - Other Non-Design	484	UNE Network Interface Devices (NID) - 1 to 6 Lines, NID to NID Cross Connect 2W - NID 5 Residence	217
OR	UNE - Other Non-Design	484	UNE Network Interface Devices (NID) - 1 to 6 Lines, NID to NID Cross Connect 2W - NID 5 Business	218
OR	UNE - Other Non-Design	484	UNE Network Interface Devices (NID) - 1 to 6 Lines, NID to NID Cross Connect 4W - NID 6 Residence	219
OR	UNE - Other Non-Design	484	UNE Network Interface Devices (NID) - 1 to 6 Lines, NID to NID Cross Connect 4W - NID 6 Business	220
OR	UNE - Other Non-Design	484	UNE Sub-Loop Distribution - 2W Voice Grade Sub-Loop w NID w/o NP	222
OR	UNE - Other Non-Design	484	UNE Sub-Loop Distribution - 4W Voice Grade Sub-Loop w NID w/o NP	223
OR	UNE - Other Non-Design	484	UNE Sub-Loop Intrabuilding Network Cable - 2W Voice Grade Sub-Loop w NID w/o NP	225
OR	UNE - Other Non-Design	484	UNE Sub-Loop Intrabuilding Network Cable - 4W Voice Grade Sub-Loop w NID w/o NP	226
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 2W w/o Loop Modification w/o NP	228
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 2W w Load Coil Removal - Loop Modification w/o NP	229
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 2W w Bridge Tap Removal - Loop Modification w/o NP	230
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 2W w Load Coil & Bridge Tap Removal - Loop Modification w/o NP	231
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 4W w/o Loop Modification w/o NP	232
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 4W w Load Coil Removal - Loop Modification w/o NP	233
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 4W w Bridge Tap Removal - Loop Modification w/o NP	234
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 4W w Load Coil & Bridge Tap Removal - Loop Modification w/o NP	235
OR	UNE - Other Non-Design	484	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w/o Loop Modification w INP	1199
OR	UNE - Other Non-Design	484	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil Removal - Loop Modification w INP	1200
OR	UNE - Other Non-Design	484	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w Bridge Tap Removal - Loop Modification w INP	1201
OR	UNE - Other Non-Design	484	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil & Bridge Tap Removal - Loop Modification w INP	1202
OR	UNE - Other Non-Design	484	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w/o Loop Modification w INP	1203
OR	UNE - Other Non-Design	484	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil Removal - Loop Modification w INP	1204
OR	UNE - Other Non-Design	484	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w Bridge Tap Removal - Loop Modification w INP	1205
OR	UNE - Other Non-Design	484	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil & Bridge Tap Removal - Loop Modification w INP	1206
OR	UNE - Other Non-Design	484	UNE Sub-Loop Distribution - 2W Voice Grade Sub-Loop w NID w INP	1222
OR	UNE - Other Non-Design	484	UNE Sub-Loop Distribution - 4W Voice Grade Sub-Loop w NID w INP	1223
OR	UNE - Other Non-Design	484	UNE Sub-Loop Intrabuilding Network Cable - 2W Voice Grade Sub-Loop w NID w INP	1225

UNE - OTHER NON-DESIGN
PRODUCT ROLL-UP FOR July 2002

SBJCT AREA	PRODUCT GRP DESC	PROD GROUP ID	PROD DESC	PROD ID
OR	UNE - Other Non-Design	484	UNE Sub-Loop Intrabuilding Network Cable - 4W Voice Grade Sub-Loop w NID w INP	1226
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 2W w/o Loop Modification w INP	1228
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 2W w Load Coil Removal - Loop Modification w INP	1229
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 2W w Bridge Tap Removal - Loop Modification w INP	1230
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 2W w Load Coil & Bridge Tap Removal - Loop Modification w INP	1231
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 4W w/o Loop Modification w INP	1232
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 4W w Load Coil Removal - Loop Modification w INP	1233
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 4W w Bridge Tap Removal - Loop Modification w INP	1234
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 4W w Load Coil & Bridge Tap Removal - Loop Modification w INP	1235
OR	UNE - Other Non-Design	484	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w/o Loop Modification w LNP	2199
OR	UNE - Other Non-Design	484	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil Removal - Loop Modification w LNP	2200
OR	UNE - Other Non-Design	484	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w Bridge Tap Removal - Loop Modification w LNP	2201
OR	UNE - Other Non-Design	484	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil & Bridge Tap Removal - Loop Modification w LNP	2202
OR	UNE - Other Non-Design	484	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w/o Loop Modification w LNP	2203
OR	UNE - Other Non-Design	484	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil Removal - Loop Modification w LNP	2204
OR	UNE - Other Non-Design	484	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w Bridge Tap Removal - Loop Modification w LNP	2205
OR	UNE - Other Non-Design	484	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil & Bridge Tap Removal - Loop Modification w LNP	2206
OR	UNE - Other Non-Design	484	UNE Sub-Loop Distribution - 2W Voice Grade Sub-Loop w NID w LNP	2222
OR	UNE - Other Non-Design	484	UNE Sub-Loop Distribution - 4W Voice Grade Sub-Loop w NID w LNP	2223
OR	UNE - Other Non-Design	484	UNE Sub-Loop Intrabuilding Network Cable - 2W Voice Grade Sub-Loop w NID w LNP	2225
OR	UNE - Other Non-Design	484	UNE Sub-Loop Intrabuilding Network Cable - 4W Voice Grade Sub-Loop w NID w LNP	2226
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 2W w/o Loop Modification w LNP	2228
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 2W w Load Coil Removal - Loop Modification w LNP	2229
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 2W w Bridge Tap Removal - Loop Modification w LNP	2230
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 2W w Load Coil & Bridge Tap Removal - Loop Modification w LNP	2231
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 4W w/o Loop Modification w LNP	2232
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 4W w Load Coil Removal - Loop Modification w LNP	2233
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 4W w Bridge Tap Removal - Loop Modification w LNP	2234
OR	UNE - Other Non-Design	484	UNE Copper Sub-Loop - 4W w Load Coil & Bridge Tap Removal - Loop Modification w LNP	2235
OR	UNE - Other Non-Design	484	UNE Line Splitting	5005
OR	UNE - Other Non-Design	484	Directory Listing - Residence	5501
OR	UNE - Other Non-Design	484	Directory Listing - Business	5502
PR	UNE - Other Non-Design	917	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w/o Loop Modification w/o NP	199
PR	UNE - Other Non-Design	917	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil Removal - Loop Modification w/o NP	200
PR	UNE - Other Non-Design	917	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w Bridge Tap Removal - Loop Modification w/o NP	201
PR	UNE - Other Non-Design	917	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil & Bridge Tap Removal - Loop Modification w/o NP	202
PR	UNE - Other Non-Design	917	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w/o Loop Modification w/o NP	203
PR	UNE - Other Non-Design	917	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil Removal - Loop Modification w/o NP	204
PR	UNE - Other Non-Design	917	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w Bridge Tap Removal - Loop Modification w/o NP	205
PR	UNE - Other Non-Design	917	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil & Bridge Tap Removal - Loop Modification w/o NP	206
PR	UNE - Other Non-Design	917	UNE Network Terminating Wire (NTW)	207
PR	UNE - Other Non-Design	917	UNE Network Interface Devices (NID) - 1 to 2 Lines - NID 1 Residence	209
PR	UNE - Other Non-Design	917	UNE Network Interface Devices (NID) - 1 to 2 Lines - NID 1 Business	210
PR	UNE - Other Non-Design	917	UNE Network Interface Devices (NID) - 1 to 2 Lines, NID to NID Cross Connect 2W - NID 2 Residence	211
PR	UNE - Other Non-Design	917	UNE Network Interface Devices (NID) - 1 to 2 Lines, NID to NID Cross Connect 2W - NID 2 Business	212
PR	UNE - Other Non-Design	917	UNE Network Interface Devices (NID) - 1 to 2 Lines, NID to NID Cross Connect 4W - NID 3 Residence	213
PR	UNE - Other Non-Design	917	UNE Network Interface Devices (NID) - 1 to 2 Lines, NID to NID Cross Connect 4W - NID 3 Business	214
PR	UNE - Other Non-Design	917	UNE Network Interface Devices (NID) - 1 to 6 Lines - NID 4 Residence	215
PR	UNE - Other Non-Design	917	UNE Network Interface Devices (NID) - 1 to 6 Lines - NID 4 Business	216
PR	UNE - Other Non-Design	917	UNE Network Interface Devices (NID) - 1 to 6 Lines, NID to NID Cross Connect 2W - NID 5 Residence	217
PR	UNE - Other Non-Design	917	UNE Network Interface Devices (NID) - 1 to 6 Lines, NID to NID Cross Connect 2W - NID 5 Business	218
PR	UNE - Other Non-Design	917	UNE Network Interface Devices (NID) - 1 to 6 Lines, NID to NID Cross Connect 4W - NID 6 Residence	219

UNE - OTHER NON-DESIGN
PRODUCT ROLL-UP FOR July 2002

SBJCT AREA	PRODUCT GRP DESC	PROD GROUP ID	PROD DESC	
PR	UNE - Other Non-Design	917	UNE Network Interface Devices (NID) - 1 to 6 Lines, NID to NID Cross Connect 4W - NID 6 Business	220
PR	UNE - Other Non-Design	917	UNE Sub-Loop Distribution - 2W Voice Grade Sub-Loop w NID w/o NP	222
PR	UNE - Other Non-Design	917	UNE Sub-Loop Distribution - 4W Voice Grade Sub-Loop w NID w/o NP	223
PR	UNE - Other Non-Design	917	UNE Sub-Loop Intrabuilding Network Cable - 2W Voice Grade Sub-Loop w NID w/o NP	225
PR	UNE - Other Non-Design	917	UNE Sub-Loop Intrabuilding Network Cable - 4W Voice Grade Sub-Loop w NID w/o NP	226
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 2W w/o Loop Modification w/o NP	228
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 2W w Load Coil Removal - Loop Modification w/o NP	229
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 2W w Bridge Tap Removal - Loop Modification w/o NP	230
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 2W w Load Coil & Bridge Tap Removal - Loop Modification w/o NP	231
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 4W w/o Loop Modification w/o NP	232
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 4W w Load Coil Removal - Loop Modification w/o NP	233
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 4W w Bridge Tap Removal - Loop Modification w/o NP	234
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 4W w Load Coil & Bridge Tap Removal - Loop Modification w/o NP	235
PR	UNE - Other Non-Design	917	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w/o Loop Modification w INP	1199
PR	UNE - Other Non-Design	917	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil Removal - Loop Modification w INP	1200
PR	UNE - Other Non-Design	917	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w Bridge Tap Removal - Loop Modification w INP	1201
PR	UNE - Other Non-Design	917	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil & Bridge Tap Removal - Loop Modification w INP	1202
PR	UNE - Other Non-Design	917	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w/o Loop Modification w INP	1203
PR	UNE - Other Non-Design	917	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil Removal - Loop Modification w INP	1204
PR	UNE - Other Non-Design	917	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w Bridge Tap Removal - Loop Modification w INP	1205
PR	UNE - Other Non-Design	917	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil & Bridge Tap Removal - Loop Modification w INP	1206
PR	UNE - Other Non-Design	917	UNE Sub-Loop Distribution - 2W Voice Grade Sub-Loop w NID w INP	1222
PR	UNE - Other Non-Design	917	UNE Sub-Loop Distribution - 4W Voice Grade Sub-Loop w NID w INP	1223
PR	UNE - Other Non-Design	917	UNE Sub-Loop Intrabuilding Network Cable - 2W Voice Grade Sub-Loop w NID w INP	1225
PR	UNE - Other Non-Design	917	UNE Sub-Loop Intrabuilding Network Cable - 4W Voice Grade Sub-Loop w NID w INP	1226
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 2W w/o Loop Modification w INP	1228
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 2W w Load Coil Removal - Loop Modification w INP	1229
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 2W w Bridge Tap Removal - Loop Modification w INP	1230
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 2W w Load Coil & Bridge Tap Removal - Loop Modification w INP	1231
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 4W w/o Loop Modification w INP	1232
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 4W w Load Coil Removal - Loop Modification w INP	1233
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 4W w Bridge Tap Removal - Loop Modification w INP	1234
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 4W w Load Coil & Bridge Tap Removal - Loop Modification w INP	1235
PR	UNE - Other Non-Design	917	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w/o Loop Modification w LNP	2199
PR	UNE - Other Non-Design	917	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil Removal - Loop Modification w LNP	2200
PR	UNE - Other Non-Design	917	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w Bridge Tap Removal - Loop Modification w LNP	2201
PR	UNE - Other Non-Design	917	UNE 2W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil & Bridge Tap Removal - Loop Modification w LNP	2202
PR	UNE - Other Non-Design	917	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w/o Loop Modification w LNP	2203
PR	UNE - Other Non-Design	917	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil Removal - Loop Modification w LNP	2204
PR	UNE - Other Non-Design	917	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w Bridge Tap Removal - Loop Modification w LNP	2205
PR	UNE - Other Non-Design	917	UNE 4W Unbundled Copper Loop (UCL-ND) Non-Design w Load Coil & Bridge Tap Removal - Loop Modification w LNP	2206
PR	UNE - Other Non-Design	917	UNE Sub-Loop Distribution - 2W Voice Grade Sub-Loop w NID w LNP	2222
PR	UNE - Other Non-Design	917	UNE Sub-Loop Distribution - 4W Voice Grade Sub-Loop w NID w LNP	2223
PR	UNE - Other Non-Design	917	UNE Sub-Loop Intrabuilding Network Cable - 2W Voice Grade Sub-Loop w NID w LNP	2225
PR	UNE - Other Non-Design	917	UNE Sub-Loop Intrabuilding Network Cable - 4W Voice Grade Sub-Loop w NID w LNP	2226
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 2W w/o Loop Modification w LNP	2228
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 2W w Load Coil Removal - Loop Modification w LNP	2229
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 2W w Bridge Tap Removal - Loop Modification w LNP	2230
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 2W w Load Coil & Bridge Tap Removal - Loop Modification w LNP	2231
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 4W w/o Loop Modification w LNP	2232
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 4W w Load Coil Removal - Loop Modification w LNP	2233
PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 4W w Bridge Tap Removal - Loop Modification w LNP	2234

UNE - OTHER NON-DESIGN
PRODUCT ROLLUP FOR July 2002

PR	UNE - Other Non-Design	917	UNE Copper Sub-Loop - 4W w Load Coil & Bridge Tap Removal - Loop Modification w LNP	2235
PR	UNE - Other Non-Design	917	UNE Line Splitting	5005

ATTACHEMENT C

BellSouth Telecommunications Operations Support Systems

Federal Communications Commission

October 1, 2002

Section I

General Introduction

General Introduction:

This presentation has been prepared to illustrate BellSouth's OSS for:

- Pre-ordering
- Ordering
- Provisioning

The format of this document will describe the processing of a service request for non-designed services such as basic resale and UNE-P starting with Pre-ordering, then Ordering and finally Provisioning. The process steps provide:

1. A high level flow of actions required to advance the pre-ordering transaction and order to the next step.
2. Appendix A to illustrate the process flows using block diagrams.
3. Appendix B to illustrate screen captures of a request for loop qualification information (loop make-up) via the Local Exchange Navigation System (LENS) as a pre-ordering functionality.
4. Appendix C to illustrate screen captures of a service request for a UNE-P conversion as specified using a BellSouth developed interface that uses the Telecommunications Access Gateway (TAG) for pre-ordering and ordering.
5. Appendix D provides an acronym glossary along with definitions.

BellSouth provides Competitive Local Exchange Carriers (CLECs) non-discriminatory access to its Operational Support Systems (OSS) for pre-ordering, ordering, and provisioning via three electronic interfaces. For pre-ordering, ordering, and provisioning BellSouth provides the Telecommunications Access Gateway (TAG) and the Local Exchange Navigation System (LENS). Additionally, for ordering and provisioning BellSouth also offers the Electronic Data Interexchange (EDI) interface.

As noted above, BellSouth provides the machine-to-machine interface, EDI, for CLECs for ordering and provisioning. In other words, EDI is not used to access BellSouth's pre-ordering OSS. EDI follows the industry standard protocol (EDI) for ordering and the industry standard Ordering and Billing Forum (OBF) guidelines for Local Service Requests (LSRs). EDI has been available since December 1996. There are several EDI connectivity options available: dedicated point-to-point connections; dial-up connections; and Value-Added Network (VAN) connections.

TAG is an application-to-application interface that provides a standard Application Programming Interface (API) to BellSouth's pre-ordering, ordering, and provisioning OSS. TAG is based on Common Object Request Broker Architecture (CORBA), which is the industry standard for pre-ordering. TAG follows the industry standard Order and Billing Forum (OBF) guidelines for Local Service Requests (LSRs). CLECs develop their own presentation layer graphical user interface (GUI). BellSouth made TAG available for pre-ordering in August 1998 and for ordering in November 1998.

BellSouth provides CLECs with all the specifications necessary for integrating pre-ordering and ordering functionality of the electronic interfaces. A CLEC may integrate pre-ordering and ordering by integrating TAG pre-ordering with the EDI ordering interface, or by integrating TAG pre-ordering with TAG ordering. Integratable interfaces allow CLECs to design the appearance and "feel" of their marketing and sales support systems to best suit their business needs. CLECs can use information obtained via the electronic interfaces to build their own databases, such as databases of their own local customer service records.

LENS is a web-based GUI. LENS requires software development only on BellSouth's side of the interface. BellSouth therefore is responsible for implementing any changes or new versions of the interface. LENS provides integrated pre-ordering and ordering in its firm order mode. In order to use LENS, a CLEC must have, at a minimum, a personal computer, web browser software, and an internet connection. LENS has been available since April 1997.

Instead of building an EDI or TAG interface and instead of performing the integration of the electronic interfaces with their own internal OSS themselves, CLECs may choose to use solutions developed by third-party companies. Albion International, Inc., Telcordia Technologies, Exceleron Software, Inc., and DSET Corporation, for example, have developed electronic interfaces to connect and integrate CLECs' systems with BellSouth's.

Section II

Pre-Ordering
Ordering
Provisioning

Please refer to the flowcharts in Appendix A for pictorial views of the pre-ordering (Figure 1), ordering (Figure 2 & 3), and provisioning (Figure 4) functions. Sample screen shots are provided in Appendix B and C. A glossary of terms is provided in Appendix D.

Electronic Pre Ordering (CLEC)	
Pre-ordering is defined as the steps needed to gather enough information to assist the CLEC in submitting an error free service request. These functions include: address validation, telephone number reservation, due date availability, products and services, and loop make-up. The CLEC service representative will use the BellSouth pre-ordering electronic interfaces (TAG and LENS) to perform these functions.	
Obtain Customer Records Information	With a new installation there would be no available customer information to preview. Thus, this step would not be utilized. However, for additions and/or changes to an existing account, the Customer Service Record (CSR) may be accessed from the Customer Record Information System (CRIS). With authorization from the end-user customer, the CLEC can submit a query to CRIS for the CSR. The CSR will provide the following information: telephone number or other account identification, listed name, listed address, directory listing information, directory delivery information, billing name, billing address, product and service information. A CLEC can access information on any BellSouth customer accounts or their own accounts. A CLEC cannot access any other CLEC's account or customer information. On January 5, 2002, BellSouth implemented the functionality to offer the CSR in a parsed format. CLECs, however, may still receive the unparsed CSR stream of data, if they so choose.

Validate Service Address	CLEC validates the complete and accurate service address against the Regional Street Address Guide (RSAG). CLEC initiates the address verification request to launch a query to RSAG and presents the results on-line.

Retrieve Telephone Number	CLEC reserves a telephone number from the Application for Telephone Number Load Administration and Selection (ATLAS) system. CLEC initiates a query to ATLAS. ATLAS returns a list of available telephone numbers to reserve and select. CLEC can reserve up to 25 telephone numbers.

Retrieve Available Products & Services	CLEC determines Products & Services availability. (For example, in LENS the CLEC is presented a combined table reflecting availability, English name, and USOC information about each feature in the switches of interest.) Information is extracted from the Product/Services Inventory Management System (P/SIMS) and the Central Office Features File Interface (COFFI). P/SIMS verifies the availability of a feature or service for the Central Office serving the end-user's address validated by RSAG. USOC information for features and services based on current tariffs is maintained in COFFI.

Calculate Due Date	CLEC requests an estimated due date via the pre-ordering interface. Information is extracted from the Distributed Support Application (DSAP). (DSAP contains available due dates and dates unavailable due to provisioning load, special events, or restricted serving areas, etc.) DSAP returns appropriate due dates for the products and services requested.

Loop Make Up	CLEC requests Loop Make-Up information via the pre-ordering interface. Information is extracted from LFACS (Loop Facilities Assignment and Control System). LFACS returns the loop make up information for spare or working facilities at an address, including the composition of the loop material, the existence, location and type of any electronic or other equipment on the loop, including but not limited to, digital loop carrier or other remote concentration devices, feeder/distribution interfaces, bridge taps, load coils, pair-gain devices; the loop length, including the length and location of each type of transmission media; the wire gauge(s) of the loop; and the electrical parameters of the loop, which may determine the suitability of the loop for various technologies.

Electronic Ordering (CLEC)	
	Ordering is defined as the steps needed to successfully submit a complete and accurate local service request that flows into BellSouth's Service Order Communications System (SOCS). Systems that are downstream from SOCS are part of provisioning.

Submit Local Service Request	The CLEC service representative will use the information obtained during pre-ordering to construct a LSR and electronically submit utilizing one of the BellSouth ordering interfaces (TAG, EDI, or LENS). The LSR will be electronically transmitted to the Local Service Request Router (LSRR) or the ServiceGate Gateway (SGG). TAG and LENS sends xDSL, UCL-ND, EELs and UDC orders to the SGG and all others to the LSRR. EDI sends all orders to the LSRR. The LSRR will route xDSL, UCL-ND, EELs and UDC orders to the SGG for EDI. LSRR routes LNP request to the LNP gateway, and all remaining orders to LEO for processing.

Non – LNP request (excluding xDSL, UCL-ND, EELs, & UDC)	LEO performs edit checks and data formatting to ensure complete and accurate LSR entries. If the request passes the edit and formatting checks, LEO will pass the service requests to Local Exchange Service Order Generator (LESOG). LESOG will format the service request into Bellsouth service order record format and pass to SOCS.

LNP request	The LSRR will send Local Number Portability (LNP) orders to the LNP gateway to retrieve information related to the LNP requests. LNP gateway sends the requests to LNP Automation (LAUTO) to format the service request into BellSouth service order record format and hands to SOCS.

xDSL, EELs & UDC request	xDSL, EELs and UDC request are sent to the ServiceGate Gateway (SGG) from TAG and LENS. Requests sent via EDI are first routed to the LSRR which forwards the request to SGG. The SGG performs edit checks for request received from EDI. TAG and LENS performs edit checks before sending the order to the SGG. The SGG then formats the request and sends it to Order Manager (OM). OM provides the centralized coordination point for retrieving and acting on the data from the supporting OSSs. OM sends the request to the Service Order Generator (SOG). SOG formats the service request into BellSouth service order record format and sends it back to OM for forwarding to SOCS.

Service Order Communications System (SOCS)	The BellSouth OS which maintains and routes service order images to the various BellSouth systems during the provisioning process. **It is important to note that SOCS is the common point of entry into the BellSouth OSS for provisioning of service requests by both the BellSouth retail units and the CLECs.**

Electronic Provisioning (CLEC or BellSouth Retail Request)
Provisioning is defined as the process that starts after a complete and accurate (error free) order is accepted by SOCS and until the service is installed and working properly.

Facility Assignment	SOCS electronically passes the order to the Service Order Analysis and Control (SOAC) system. SOAC controls the flow of the order to the appropriate downstream assignment OSS based on the type of order and the required facilities using BellSouth's codes contained in the service order image. For assignment of outside plant loop facilities, SOAC first routes the service order to the Loop Facilities Assignment and Control System (LFACS). LFACS utilizes the validated address from the service order and the loop inventory contained in the database to select and assign the appropriate facilities. LFACS will mechanically complete the loop facility assignment and pass this information back to SOAC. Next SOAC routes the order to the SWITCH system. SWITCH makes assignments on the main distribution frame in the central office. SWITCH issues a frame work order to the CO technician to perform appropriate cross connect wiring functions. SWITCH returns the assignment information to SOAC for entry into the assignment section of the service order. Once SOAC receives the completed assignment information from SWITCH, SOAC will route the order to MARCH. If the order requires software changes to be made in a BellSouth switching network element, MARCH will handle that function. If no switch recent changes are required, MARCH will simply list the order on a "no work" log for record keeping and historical data.

Customer Line Records	SOAC transmits a copy of the service order back to SOCS. SOCS routes a copy of the order image to the Loop Maintenance Operations System (LMOS). LMOS updates the record of service and assignments, which is referenced by other operations system and personnel during maintenance and repair activities over the life of the service.

Dispatch of Field Technician	LMOS initiates a dispatch of the field technician on the specified due date of the order, if appropriate. LMOS generates a work order to the Work Management Center (WMC) responsible for the Installation and Maintenance (I&M) to dispatch the field technician. The field technician conducts the physical work necessary to complete the order.

Completion	LMOS sends a completed order back to SOCS. SOCS sends the order to CRIS to begin the billing of the service.

Completion Notice (CLEC only)	If the LSR was electronically submitted via a CLEC interface, (TAG, EDI, or LENS), then SOCS sends a completion notice to the CLEC electronically as confirmation of completion of the service request. (For LENS the completion confirmation must be retrieved by the CLEC service representative.)

Appendix A

Process Flows For:

Pre-Ordering
Ordering
Provisioning

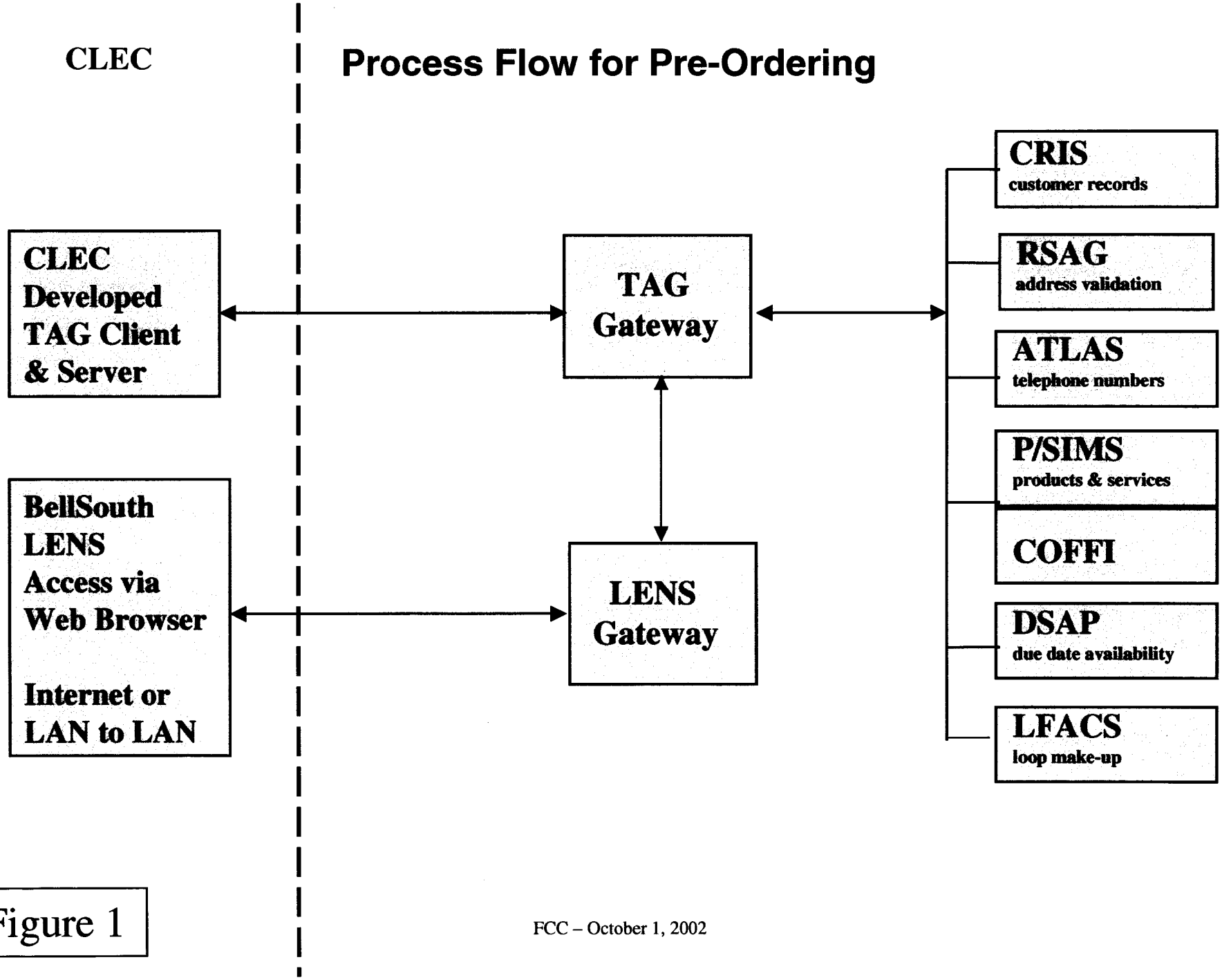
CLEC
Process Flow for Pre-Ordering
CLEC Developed TAG Client & Server
BellSouth LENS Access via Web Browser
Internet or LAN to LAN
TAG Gateway
LENS Gateway
CRIS
customer records
RSAG
address validation
ATLAS
telephone numbers
P/SIMS
products & services
COFFI
DSAP
due date availability
LFACS
loop make-up

Figure 1

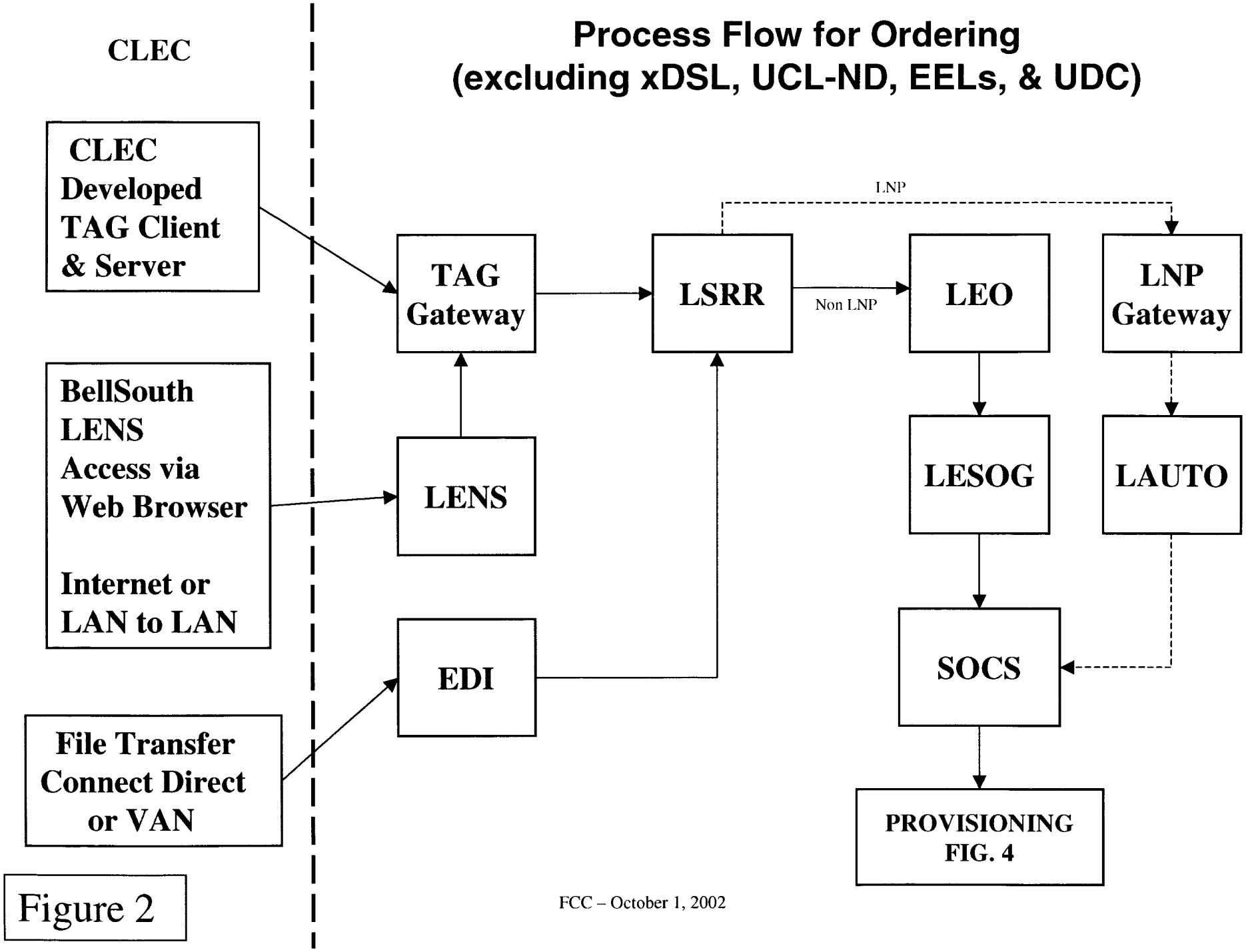
CLEC
Process Flow for Ordering
(excluding xDSL, UCL-ND, EELs, & UDC)
CLEC Developed TAG Client & Server
BellSouth LENS Access via Web Browser
Internet or LAN to LAN
File Transfer Connect Direct or VAN
TAG Gateway
LENS
EDI
LSRR
LNP
Non LNP
LEO
LNP Gateway
LESOG
LAUTO
SOCS
PROVISIONING FIG. 4
FCC – October 1, 2002

Figure 2

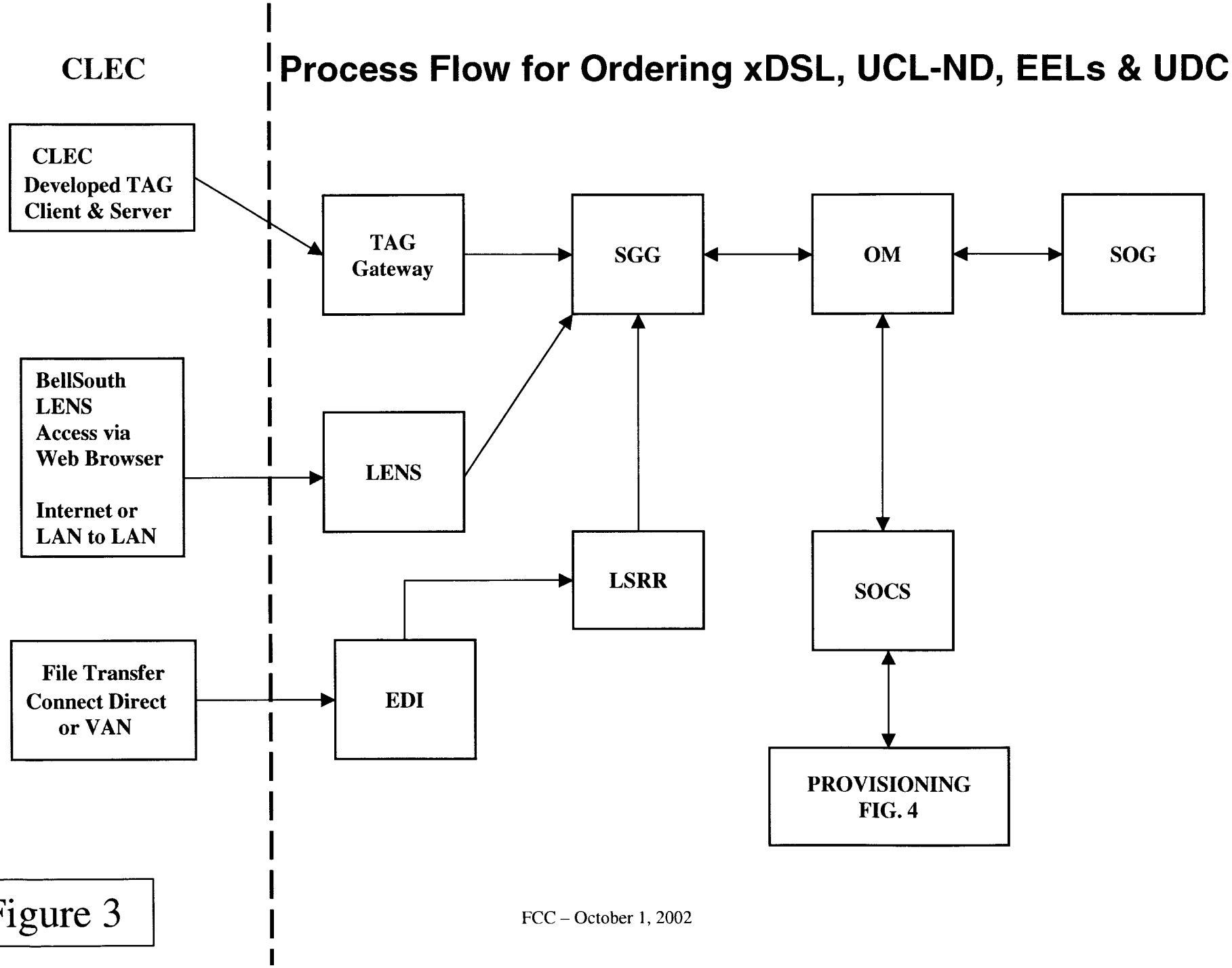
CLEC
Process Flow for Ordering xDSL, UCL-ND, EELs & UDC
CLEC Developed TAG Client & Server
TAG Gateway
SGG
OM
SOG
BellSouth LENS Access via Web Browser
Internet or LAN to LAN
LENS
LSRR
SOCS
File Transfer Connect Direct or VAN
EDI
PROVISIONING FIG. 4

Figure 3

Process Flow for Provisioning (Non-Designed Circuits)

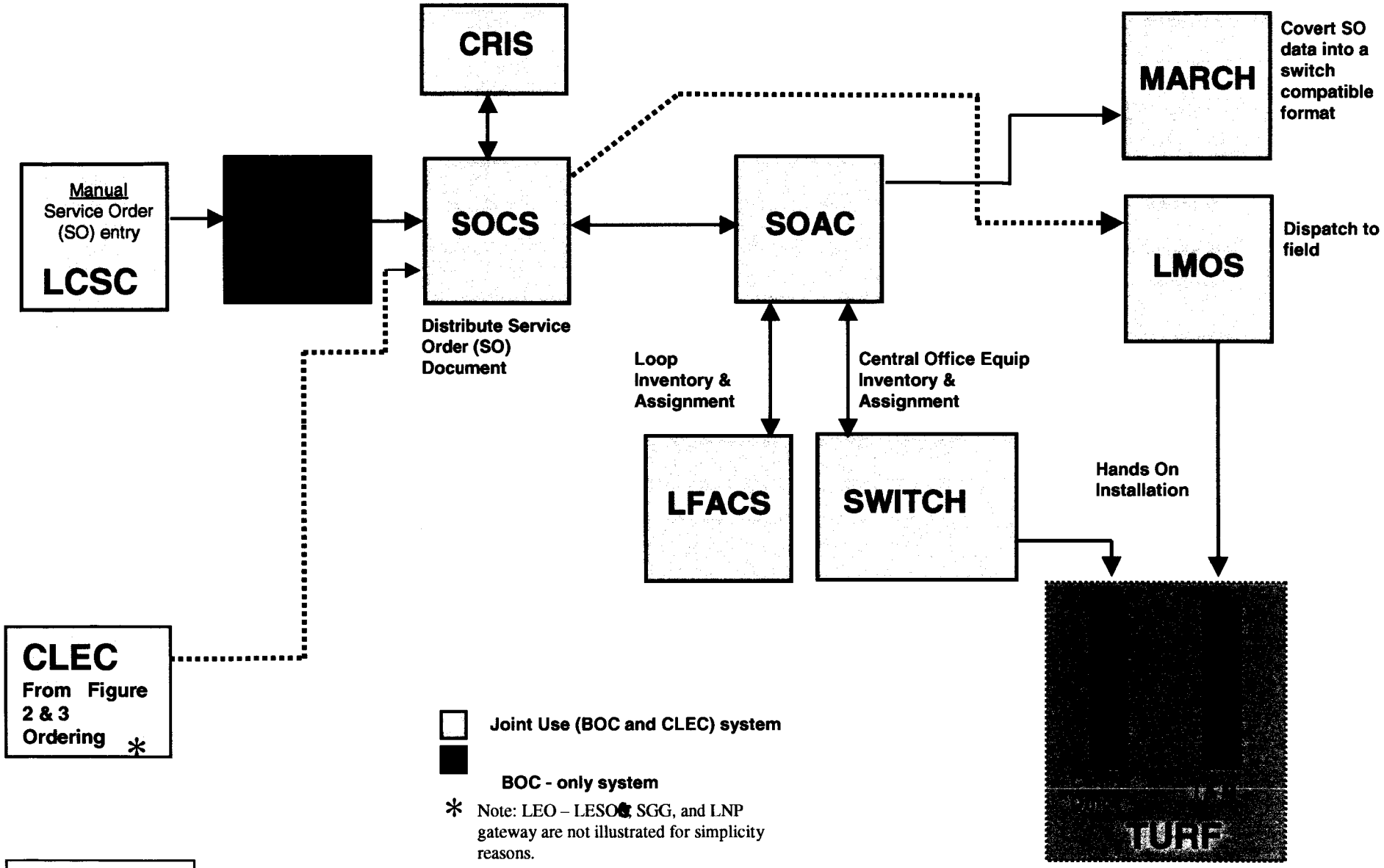

Figure 4

FCC – October 1, 2002

Appendix B

Screen Captures:

Pre-Ordering Loop Make-UP via LENS

Loop Make-Up

Working Telephone Number

Logon to the system

LENS Login - Microsoft Internet Explorer

Forward Edit

https://lens.bellsouth.com/lens/

BELLSOUTH

Local Exchange Navigation System

Login Page

Please enter your name and password.

User Name: pdrpwxk

Password: ••••••••••

RESTRICTED: FOR USE ONLY BY AUTHORIZED INDIVIDUALS.

BELLSOUTH MAY PERIODICALLY MONITOR AND/OR AUDIT SYSTEM ACCESS/USAGE.

Login

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9/26/2002

* Manually enter User ID and Password

After successful log on, you will arrive at the LENS "Main Menu" screen.
Select "Inquiry"

Main Menu - Microsoft Internet Explorer

Forward Edit

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?source=lkLogin?source=lkLogin&

BELLSOUTH

Welcome to LENS.

Local Exchange Navigation System

Welcome to LENS!

- Firm Orders
- Bulk Orders
- Supplement Existing Request
- Inquiry
- View LSR/Order Information
- User Admin

Log Off References Company Code: 8001 Change 8001

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The following screen will appear as the result of selecting "Inquiry" from the "Main Menu"

Inquiry Menu - Microsoft Internet Explorer

Forward Edit

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?htbLensPage=lens.ui.LensHMainMenu&source=lkInquiry&

BELLSOUTH

BELL SOUTH ZXL 8001
v 00

Local Exchange Navigation System

Inquiry Menu

Please select one of the following options and enter any required data below.

Address Validation

Telephone/Miscellaneous Number

Area

Circuit Number
(Only for View CSR)

References | Return to Main Menu

Proceed with Inquiry

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Using the drop down tab, select "Loop Makeup for Working Loops" option

Inquiry Menu - Microsoft Internet Explorer

Forward Edit

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?htbLensPage=lens.ui.LensHMainMenu&source=lkInquiry&

BELLSOUTH

BELL SOUTH ZXL S001
v 00

Local Exchange Navigation System

Inquiry Menu

Please select one of the following options and enter any required data below.

Address Validation
View Installation Calendar
View Customer Record
View Multiple Customer Records
View All
Estimate Due Date
View PIC/LPIC Carriers
View CABS CSR
Cable/Chan Pair Status
Loop Makeup for Working Loops
Loop Makeup for Spare Facilities
Cancel Facilities Reservation

mber

References | Return to Main Menu

Proceed with Inquiry ▶

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Enter the Telephone Number and select the "Area"
click on "Proceed with Inquiry"

Inquiry Menu - Microsoft Internet Explorer

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?htbLensPage=lens.ui.LensHMainMenu&source=lkInquiry&

BELLSOUTH

BELL SOUTH ZXL 0001
v 00

Local Exchange Navigation System

Inquiry Menu

Please select one of the following options and enter any required data below.

Loop Makeup for Working Loops

Telephone/Miscellaneous Number 7704474658

Area GA-Atlanta

Circuit Number

(Only for View CSR)

References | Return to Main Menu

Proceed with Inquiry

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With successful address validation based on the Telephone Number the below screen appears
Click on "Continue to Loop Makeup"

Inquiry - Address Validation - Microsoft Internet Explorer

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?source=lkProceed&

BELLSOUTH

BELL SOUTH ZXL 8001
v 00

Local Exchange Navigation System

Inquiry **Address Validation**

0000 COMPLETED SUCCESSFULLY

5051 GALLATREE LN NW NORCROSS GA 30092	Working (770) 447-4658 Working (770) 447-1416

Continue to Loop Makeup

Validate Address

Street Number: 5051 Suffix:
Dir-Prefix: Street Name: GALLATREE T/F: LN Dir-Suffix: NW
Unit: Elevation: Structure:
City: NORCROSS State: GA Zip: 30092

Descriptive Address:
Route: Box:

No additional entries are required since inquiry for working BellSouth loop based on Telephone Number
Click on "Submit Inquiry"

Inquiry Loop Makeup Microsoft Internet Explorer

Forward Edit

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?source=LENSInquiryLoopMakeup&

BELLSOUTH

BELL SOUTH ZXL 3001
v 00

Local Exchange Navigation System

Inquiry **Loop Makeup for Working Loops**

5051 GALLATREE LN NW
NORCROSS GA 30092

Telephone Number: 7704474658

Circuit ID:

LSP Authorization: **LSP Authorization Name:** **LSP Authorization Date:**

References | Cancel

Return to Inquiry Menu

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Appears as real time inquiry being processed to LFACS

Processing Request - Microsoft Internet Explorer

Forward Edit

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?source=lkWorkingQuery&

BELLSOUTH

BELL SOUTH ZXL 3001
v 00

Local Exchange Navigation System

Processing Request

Processing....

The loop makeup request normally takes 30 - 45 seconds to process - please wait for a response before proceeding.

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Loop qualification information provided in Loop Details
Scroll down right side for additional information

Inquiry - Loop Makeup - Microsoft Internet Explorer

Forward Edit

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?htbLensPage=lens.ui.LensHInquiryLoopMakeup

BELLSOUTH

BELL SOUTH ZXL 8001
v 00

Local Exchange Navigation System

Inquiry Loop Makeup for Working Loops

3051 GALLATREE LN NW
NORCROSS GA 30092

Telephone Number: 7704474658

Circuit ID:

LSP Authorization: LSP Authorization Name: LSP Authorization Date:

Loop Number	Loop Details			
Assembled Facility Status	WKG	Receive/Transmit Indicator		Single Subscriber Carrier Indicator
Resistance Zone		Carrier Zone	9	

Segment 1	Cable Identifier	PG48	Pair Identifier	2528
	Assignable Binding Post		Transmission Media Type	IFDLC
	Terminal Identifier	O 4042 JONES BRIDGE CIR NW		

Additional information displayed by scrolling down window

Inquiry - Loop Makeup - Microsoft Internet Explorer

Forward Edit

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?htbLensPage=lens.ui.LensHInquiryLoopMakeup

Terminal Identifier	O 4042 JONES BRIDGE CIR NW		
Remote Location Address	1305A 4042 JONES BRIDGE CIR NW		
Telemetry Indicator		**Remote Term CLLI Code**	NRCRGAU0009
Line Term Status	ESX	**Remote Loop Origination Equipment**	
Optical Network Unit Type			

Loop Makeup Status	OK
Length Unit	KF
Load Point Number	**(Null if Non-Loaded)**
Load Coil Type	
Load Spacing	
End Section	

#	Gauge	Length	Type of Cable	Capacitance	Bridge Tap Offset
1	24	0.16	U		

Segment 2	**Cable Identifier**	4042JBC	**Pair Identifier**	7
	Assignable Binding Post		**Transmission Media Type**	METAL
	Terminal Identifier	F 5061 GALLATREE LN NW		
	Remote Location Address			
	Telemetry		**Remote Term**	

Additional information displayed from scrolling down window

Inquiry - Loop Makeup - Microsoft Internet Explorer

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?htbLensPage=lens.ui.LensHInquiryLoopMakeup

Assignable		**Transmission**	METAL
Binding Post		**Media Type**	
Terminal Identifier	F 5061 GALLATREE LN NW		
Remote Location Address			
Telemetry		**Remote Term**	
Indicator		**CLLI Code**	
Line Term		**Remote Loop**	
Status		**Origination Equipment**	
Optical Network			
Unit Type			

Loop Makeup Status	OK
Length Unit	KF
Load Point Number	**(Null if Non-Loaded)**
Load Coil Type	
Load Spacing	
End Section	

#	Gauge	Length	Type of Cable	Capacitance	Bridge Tap Offset
1	26	1.31	B		

References | Cancel

Return to Inquiry Menu

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Loop Make-Up

Spare Facilities with "not available' query response

Select "Loop Makeup for Spare Facilities" from drop down tab
Click "Proceed with Inquiry"

Inquiry Menu - Microsoft Internet Explorer

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?htbLensPage=lens.ui.LensHMainMenu&source=lkInquiry&

BELLSOUTH

BELL SOUTH ZXL 3001
v 00

Local Exchange Navigation System

Inquiry Menu

Please select one of the following options and enter any required data below.

Loop Makeup for Spare Facilities

Telephone/Miscellaneous Number 7704474658

Area GA-Atlanta

Circuit Number

(Only for View CSR)

References | Return to Main Menu

Proceed with Inquiry

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Enter address information for validation against RSAG
Click "Validate"

Inquiry - Address Validation - Microsoft Internet Explorer

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?source=lkProceed&

BELLSOUTH

BELL SOUTH ZXL 8001
v 00

Local Exchange Navigation System

Inquiry **Address Validation**

Validate Address

Street Number: 5051 Suffix:
Dir-Prefix: Street Name: Gallatree T/F: LN Dir-Suffix: NW
Unit: Elevation: Structure:
City: norcross State: GA Zip: 30092

Descriptive Address:
Route: Box:
Telephone Number:

References | Cancel | Reset

Validate

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With successful address validation based on the Telephone Number the below screen appears
Click on "Continue to Loop Makeup"

Inquiry Address Validation Microsoft Internet Explorer

Forward Edit

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?source=lkValidate&

BELLSOUTH

BELL SOUTH ZXL 3001
v 00

Local Exchange Navigation System

Inquiry **Address Validation**

0000 COMPLETED SUCCESSFULLY

5051 GALLATREE LN NW NORCROSS GA 30092	Working (770) 447-4658 Working (770) 447-1416

Continue to Loop Makeup ▶

Validate Address

Street Number: 5051 Suffix:
Dir-Prefix: Street Name: GALLATREE T/F: LN Dir-Suffix: NW
Unit: Elevation: Structure:
City: NORCROSS State: GA Zip: 30092

Descriptive Address:
Route: Box:

Have option to use "Loop Service Type" or "Hierarchy" for LMU query
From the "Loop Service Type" drop down tab select the loop type

Inquiry - Loop Makeup - Microsoft Internet Explorer

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?source=LENSInquiryLoopMakeup&

BELLSOUTH

BELL SOUTH ZXL 3001
v 00

Local Exchange Navigation System

Inquiry **Loop Makeup for New or Spare Loops**

5051 GALLATREE LN NW
NORCROSS GA 30092

Loop Service Type:

Number of Spare Loops: 1

Hierarchy:

ADSL (2 wire)
HDSL (2 wire)
HDSL (4 wire)
Short Copper Loop (2 wire)
Short Copper Loop (4 wire)
Long Copper Loop (2 wire)
Long Copper Loop (4 wire)
UVL-2W/SL1 Loop Start
UVL-2W/SL2 Loop Start
UVL-4W/SL2 Loop Start

Loop Service Type will only ... ed and abbreviated list of facilities. Loop Service Type should NOT be int... e returned loops qualify for any specific use.

Submit Inquiry

n Request for the Number of Spare Loops Indicated Above

References | Cancel

Return to Inquiry Menu

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9/26/2002

This illustration will use the "Hierarchy" query option
From the "Hierarchy" drop down tab select the hierarchy type

Inquiry - Loop Makeup - Microsoft Internet Explorer

Forward | Edit

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?source=LENSInquiryLoopMakeup&

BELLSOUTH

BELL SOUTH ZXL 3001
v 00

Local Exchange Navigation System

Inquiry **Loop Makeup for New or Spare Loops**

5051 GALLATREE LN NW
NORCROSS GA 30092

Loop Service Type:

Hierarchy:

STANDARD DEFAULT (POTS1)
COPPER (NL, L), UPG, IPG-SDP=A
UPG, IPG-SDP=A, METAL
COPPER (L, NL), DLC

Number of Spare Loops: 1

Loop Service Type will only ... d abbreviated list of facilities. Loop Service Type should NOT be inte... turned loops qualify for any specific use.

Submit Inquiry

...quest for the Number of Spare Loops Indicated Above

References | Cancel

Return to Inquiry Menu

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9/26/2002

Using the drop down tab, select the number of Spare Loops up to 10
Click on "Submit Inquiry"

Inquiry - Loop Makeup - Microsoft Internet Explorer

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?source=LENSInquiryLoopMakeup&

BELLSOUTH

BELL SOUTH ZXL 8001
v 00

Local Exchange Navigation System

Inquiry **Loop Makeup for New or Spare Loops**

5051 GALLATREE LN NW
NORCROSS GA 30092

Loop Service Type:

Hierarchy: COPPER (NL, L), UPG, IPG-SDP=A

Number of Spare Loops: 1

1
2
3
4
5
6
7
8
9
10

Loop Service Type will only be used to return a more focused and abbreviated list of facilities. Loop e Type should NOT be interpreted as an indication that the returned loops qualify for any specific

Submit Inquiry

Submit Reservation Request for the Number of Spare L Indicated Above

References | Cancel

urn to Inquiry Menu

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9/26/2002

Note there is the option to submit inquiry with or without facility reservation

Appears as real time inquiry being processed to LFACS

Processing Request - Microsoft Internet Explorer

Forward Edit

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?source=lkWorkingQuery&

BELLSOUTH

BELL SOUTH ZXL 8001
v 00

Local Exchange Navigation System

Processing Request

Processing....

The loop makeup request normally takes 30 - 45 seconds to process - please wait for a response before proceeding.

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Query response from LFACS indicates no facilities are available

Inquiry - Loop Makeup - Microsoft Internet Explorer

Forward Edit

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?htbLensPage=lens.ui.LensHInquiryLoopMakeup

BELLSOUTH

BELL SOUTH ZXL 3001
v 00

Local Exchange Navigation System

Inquiry Loop Makeup for New or Spare Loops

5051 GALLATREE LN NW
NORCROSS GA 30092

Loop Service Type:

Number of Spare Loops: 1

Hierarchy:

Loop Service Type will only be used to return a more focused and abbreviated list of facilities. Loop Service Type should NOT be interpreted as an indication that the returned loops qualify for any specific use.

Submit Inquiry

Submit Reservation Request for the Number of Spare Loops Indicated Above

References | Cancel

Return to Inquiry Menu

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PDRPWXK 9/26/2002

Loop Make-Up

Spare Facilities for Short Copper Loop and Reserve Facilities

FCC – October 1, 2002

Select "Loop Makeup for Spare Facilities" from drop down tab
Enter Telephone Number and select "Area"
Click "Proceed with Inquiry"

Inquiry Menu - Microsoft Internet Explorer

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?source=lkInquiryMenu&

BELLSOUTH

BELL SOUTH ZXL 8001
v 00

Local Exchange Navigation System

Inquiry Menu

Please select one of the following options and enter any required data below.

Loop Makeup for Spare Facilities

Telephone/Miscellaneous Number 7706219043

Area GA-Atlanta

Circuit Number

(Only for View CSR)

References | Return to Main Menu

Proceed with Inquiry

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PDRPWXK 9/26/2002

With successful address validation based on the Telephone Number the below screen appears
Click on "Continue to Loop Makeup"

Inquiry - Address Validation - Microsoft Internet Explorer

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?source=lkProceed&

BELLSOUTH

BELL SOUTH ZXL 0001
v 00

Local Exchange Navigation System

Inquiry **Address Validation**

0000 COMPLETED SUCCESSFULLY

4016 BRIARIDGE CIR DORAVILLE GA 30340	Working (770) 621-9043 Working (770) 621-9743

Continue to Loop Makeup ▶

Validate Address

Street Number: 4016 Suffix:
Dir-Prefix: Street Name: BRIARIDGE T/F: CIR Dir-Suffix:
Unit: Elevation: Structure:
City: DORAVILLE State: GA Zip: 30340

Descriptive Address:
Route: Box:

From the Loop Service Type drop down tab select the loop type "Short Copper Loop (2 wire)"
Select the Number of Spare Loops up to 10 using the drop down tab
Click on "Submit Reservation Request"

Inquiry - Loop Makeup - Microsoft Internet Explorer

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?source=LENSInquiryLoopMakeup&

BELLSOUTH

BELL SOUTH ZXL 0001
v 00

Local Exchange Navigation System

Inquiry **Loop Makeup for New or Spare Loops**

4016 BRIARIDGE CIR
DORAVILLE GA 30340

Loop Service Type: Short Copper Loop (2 wire)

Number of Spare Loops: 1

Hierarchy:

Loop Service Type will only be used to return a more focused and abbreviated list of facilities. Loop Service Type should NOT be interpreted as an indication that the returned loops qualify for any specific use.

~~Submit Inquiry~~

Submit Reservation Request for the Number of Spare Loops Indicated Above

References | Cancel

Return to Inquiry Menu

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PDRPWXK

9/26/2002

Appears as real time inquiry being processed to LFACS

Processing Request - Microsoft Internet Explorer

Forward Edit

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?source=lkReserveLoop&

BELLSOUTH

BELL SOUTH ZXL 0001
v 00

Local Exchange Navigation System

Processing Request

Processing....

The loop makeup request normally takes 30 - 45 seconds to process - please wait for a response before proceeding.

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PDRPWXK 9/26/2002

Loop qualification information provided in Loop Details
Scroll down right side for additional information

Inquiry - Loop Makeup - Microsoft Internet Explorer

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?htbLensPage=lens.ui.LensHInquiryLoopMakeup

BELLSOUTH

BELL SOUTH ZXL 8001
v 00

Local Exchange Navigation System

Inquiry **Loop Makeup for New or Spare Loops**

4016 BRIARIDGE CIR **DORAVILLE GA 30340**	**Selected Loop Service Type:** **Selected Hierarchy:** **Requested Number of Loops:**	**Short Copper Loop (2 wire)** **01**

Loop Service Type:

Hierarchy:

Number of Spare Loops: 1

Loop Service Type will only be used to return a more focused and abbreviated list of facilities. Loop Service Type should NOT be interpreted as an indication that the returned loops qualify for any specific use.

Submit New Inquiry

Submit New Reservation Request for the Number of Spare Loops Indicated Above

Click on a Cable/Pair ID Below to View the Loop Details

Loop Details for Cable/Pair: 6/1571

Assembled Facility Status	SP	**Receive/Transmit Indicator**	**Single Subscriber Carrier Indicator**
Resistance	13	**Carrier**	

Facilities Reservation Number (FRN)

Additional information displayed by scrolling down window

Inquiry - Loop Makeup - Microsoft Internet Explorer

Forward Edit

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?htbLensPage=lens.ui.LensHInquiryLoopMakeup

Resistance Zone	13	**Carrier Zone**	

Segment 1	**Cable Identifier**	6	**Pair Identifier**	1571
	Assignable Binding Post		**Transmission Media Type**	METAL
	Terminal Identifier	F 4109 LIVSEY RD		
	Remote Location Address			
	Telemetry Indicator		**Remote Term CLLI Code**	
	Line Term Status		**Remote Loop Origination Equipment**	
	Optical Network Unit Type			

Loop Makeup Status	OK
Length Unit	KF
Load Point Number	**(Null if Non-Loaded)**
Load Coil Type	
Load Spacing	
End Section	

#	Gauge	Length	Type of Cable	Capacitance	Bridge Tap Offset
1	24	6.63			

Additional information displayed by scrolling down window

Inquiry - Loop Makeup - Microsoft Internet Explorer

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?htbLensPage=lens.ui.LensHInquiryLoopMakeup

1	24	6.63
2	26	3.06

Segment 2	**Cable Identifier**	4109LR	**Pair Identifier**	210
	Assignable Binding Post		**Transmission Media Type**	METAL
	Terminal Identifier	F 4006 BRIARIDGE CIR		
	Remote Location Address			
	Telemetry Indicator		**Remote Term CLLI Code**	
	Line Term		**Remote Loop**	
	Status		**Origination Equipment**	
	Optical Network Unit Type			

Loop Makeup Status	OK
Length Unit	KF
Load Point Number	**(Null if Non-Loaded)**
Load Coil Type	
Load Spacing	
End Section	

#	Gauge	Length	Type of Cable	Capacitance	Bridge Tap Offset
1	26	0.14	B		

Additional information displayed by scrolling down window

Inquiry Loop Makeup Microsoft Internet Explorer

Forward Edit

https://lens.bellsouth.com/NASApp/lens/LensDispatchServlet?htbLensPage=lens.ui.LensHInquiryLoopMakeup

Status **Origination Equipment**

Optical Network

Unit Type

Loop Makeup Status	OK
Length Unit	KF
Load Point Number	**(Null if Non-Loaded)**
Load Coil Type	
Load Spacing	
End Section	

#	Gauge	Length	Type of Cable	Capacitance	Bridge Tap Offset
1	26	0.14	B		
2	24	0.32	B		
3	26	0.25	A		
4	24	0.81	B		
5	24	2.66	A		
6	24	2.66	B		

References | Cancel

Return to Inquiry Menu

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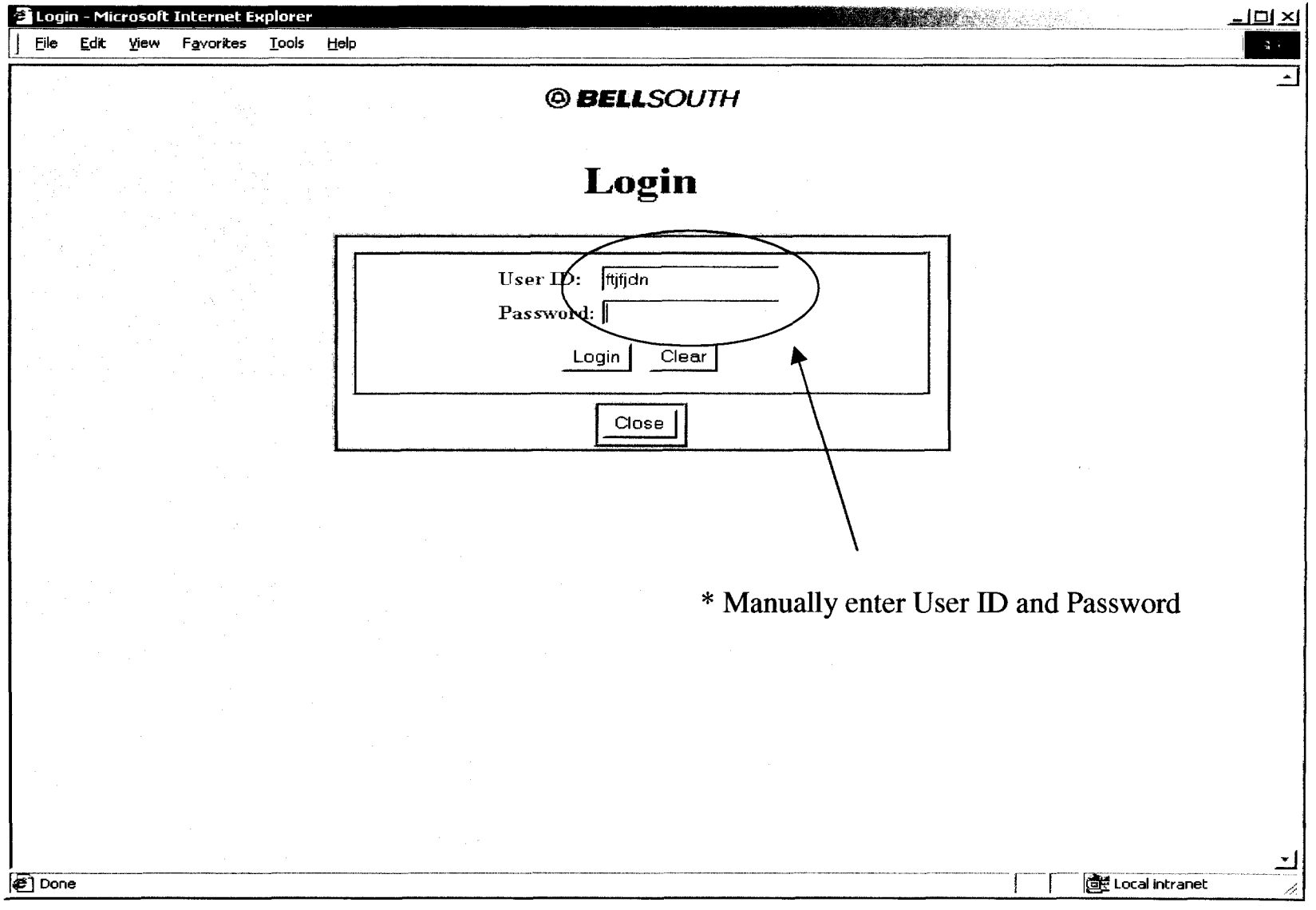
PDRPWXK 9/26/2002

Appendix C

Screen Captures:

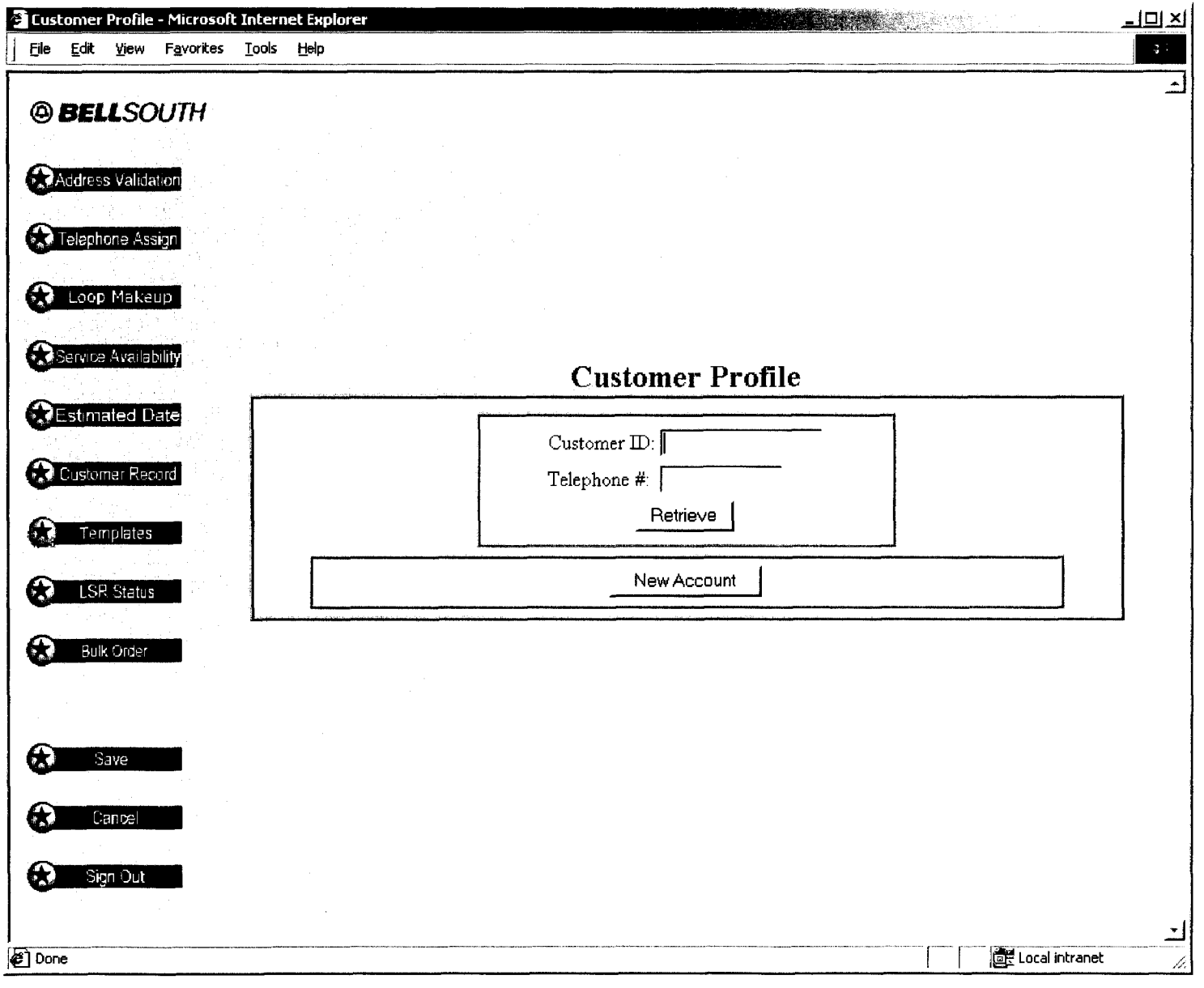
Ordering UNE-P Conversion as Specified via TAG

Logon on to the system



* Manually enter User ID and Password

After successful log on, you will arrive at the "Customer Profile" screen



Find the customer profile

Customer Profile - Microsoft Internet Explorer provided by BellSouth

File Edit View Favorites Tools Help

BELLSOUTH

Address Validation
Telephone Assign
Loop Makeup
Service Availability
Estimated Date
Customer Record
Templates
LSR Status
Bulk Order
Save
Cancel
Sign Out

Customer Profile

Customer ID: sanford

Telephone #:

Retrieve

New Account

* Use the Customer ID or Telephone number, not both

Local intranet

This is the result of the Customer Profile search

Customer Profile - Microsoft Internet Explorer

File Edit View Favorites Tools Help

BELLSOUTH

Address Validation
Telephone Assign
Loop Makeup
Service Availability
Estimated Date
Customer Record
Templates
LSR Status
Bulk Order
Save
Cancel
Sign Out

Customer Profile

Customer ID: sanford
Telephone #: 7709431952
Cancel | New Account

Reserved Phone #s: Extend | Release
View CSR S&E Data

Type of Organization
Residential Business Government

Contact Name: Torrance Sanford
End User Name: Use Contact Name
Listing Name: Use Contact Name
Contact Telephone #: Use Customer Telephone # 7709431952
Organization:

Service Address: [VALID]
Edit Service Address
1 CLEC TEST BED RD
AUS GA 30106

Billing Address:
Use Service Address
Edit Billing Address
1 CLEC TEST BED RD
AUS GA 30106

Request Type: Loop/Port
Use Template: <none>
Short Form
Customer LSR Status
Create LSR

Done
Local intranet

Validate the Address

Click here

Customer Profile - Microsoft Internet Explorer

File Edit View Favorites Tools Help

BELLSOUTH

Address Validation
Telephone Assign
Loop Makeup
Service Availability
Estimated Date
Customer Record
Templates
LSR Status
Bulk Order
Save
Cancel
Sign Out

Customer Profile

Customer ID: senford
Telephone #: 7709431952
Cancel | New Account

Reserved Phone #s: Extend | Release
View CSR S&E Data

Type of Organization
Residential Business Government

Contact Name: Torrance Sanford
End User Name: Use Contact Name
Listing Name: Use Contact Name
Contact Telephone #: Use Customer Telephone #
Organization:

Service Address: [VALID]
Edit Service Address
1 CLEC TEST BED RD
AUS GA 30106

Billing Address:
Use Service Address
Edit Billing Address
1 CLEC TEST BED RD
AUS GA 30106

Request Type: Loop/Port
Use Template: <none>
Short Form
Customer LSR Status
Create LSR

Done
Local intranet

Arrive here

Address Validation - Microsoft Internet Explorer provided by BellSouth

Address Validation

Customer Name: Torrance Sanford Phone: 7709431952

Telephone #: 7709431952

Street Number: 1 (Number) (Suffix) ☐ Unnumbered House Indicator

Street: (Direction) CLEC TEST BED (Name) RD (Thoroughfare) (Suffix)

City: AUS **State:** GA Zip Code: 30106

Unit: (Type) (Value) Structure: (Type) (Value) Floor:

Postal Route: PO Box:

Descriptive Location:

Use Address As Is

OK Cancel Clear

Click here

Done Local intranet

Address Validation results

Address Validation Response - Microsoft Internet Explorer provided by BellSouth

Address Validation Response

Customer Name: Torrance Sanford Phone: 7709431952

Service Address is **VALIDATED**!

COMPLETED SUCCESSFULLY

1 CLEC TEST BED RD

AUS GA 30106
7709431952 WORKING
7709439923 WORKING
7709439920 WORKING
7709439826 WORKING
7709439741 WORKING
7709439385 WORKING
7709439143 WORKING
7709438934 WORKING
7709438831 WORKING
7709438721 WORKING
7709438618 WORKING
7709438594 WORKING
7709438346 WORKING
7709438054 WORKING
7709437573 WORKING
7709437177 WORKING

Done Local intranet

After clicking "done", you will return to the "Customer Profile" Screen

Customer Profile - Microsoft Internet Explorer provided by BellSouth

File Edit View Favorites Tools Help

BELLSOUTH

Address Validation
Telephone Assign
Loop Makeup
Service Availability
Estimated Date
Customer Record
Templates
LSR Status
Bulk Order
Save
Cancel
Sign Out

Customer Profile

Customer ID: sanford
Telephone #: 7709431952
Cancel | New Account

Reserved Phone #s: Extend | Release
View CSR S&E Data

Type of Organization
Residential Business Government

Contact Name: Torrance Sanford
End User Name: Use Contact Name
Listing Name: Use Contact Name
Contact Telephone #: Use Customer Telephone #
Organization:

Service Address: [VALID]
Edit Service Address
1 CLEC TEST BED RD
AUS GA 30106

Billing Address:
Use Service Address
Edit Billing Address
1 CLEC TEST BED RD
AUS GA 30106

Request Type: DID Resale
Use Template: <none>
Short Form
Customer LSR Status
Create LSR

Click here

Local intranet

Create LSR, Order Initialization screen

Firm Order - Microsoft Internet Explorer provided by BellSouth

File Edit View Favorites Tools Help

BELLSOUTH

Address Validation
Telephone Assign
Loop Makeup
Service Availability
Estimated Date
Customer Record
Templates
LSR Status
Bulk Order
Save
Cancel
Sign Out

Order Initialization

Customer ID:	sanford	Customer Name:	Torrance Sanford
Request Type:	DID Resale	**Activity Type:**	
Purchase Order Number:	2002062409165000	**Company Code:**	
Organizational Type:	2 = Residential	**Line Quantity:**	B = Single-Line
		Rate Type:	- = Not Applicable

Form Selection: Order Initialization Line Selection: Select lines to include in order

Available Lines	Selected Lines
7709431952	

Add Remove

Add Loop

Next Screen Submit Order

Done Local intranet

Create a Conversion to LSP request type "Loop/Port". Select circled information.

Firm Order - Microsoft Internet Explorer provided by BellSouth

File Edit View Favorites Tools Help

Order Initialization

BELLSOUTH

Address Validation
Telephone Assign
Loop Makeup
Service Availability
Estimated Date
Customer Record
Templates
LSR Status
Bulk Order
Save
Cancel
Sign Out

Customer ID:	sanford	Customer Name:	Torrance Sanford
Request Type:	Loop/Port	Activity Type:	Conversion to LSP
Purchase Order Number:	2002062409165000	Company Code:	8001
Organizational Type:	2 = Residential	Line Quantity:	B = Single-Line
		Rate Type:	- = Not Applicable

Form Selection: Order Initialization Line Selection: Select lines to include in order

Available Lines | Selected Lines

7709431952

Add phone #

Add Remove

Add Loop

Next Screen Submit Order

Click next

Local intranet

You will arrive at the Admin/Billing screen. We will establish the Due Date

Firm Order - Microsoft Internet Explorer provided by BellSouth

File Edit View Favorites Tools Help

BELLSOUTH

Address Validation
Telephone Assign
Loop Makeup
Service Availability
Estimated Date
Customer Record
Templates
LSR Status
Bulk Order
Save
Cancel
Sign Out

Administration/Billing

Customer ID:	sanford	Customer Name:	Torrance Sanford
Request Type:	Loop/Port	Activity Type:	Conversion to LSP
Purchase Order Number:	2002062409165000	Version:	0
Form Selection:	Administration/Billing	Company Code:	8001

Desired Due Date:	06/28/2002	Appointment Time:	
Desired Due Date Out:		Basic Class of Service:	
Access Customer Name Abbr:		Carrier Identification Code:	5124
Account Number:		Account TN:	7709431952
Existing Account Number:		Existing Account TN:	7709431952
Reservation ID:			
Related Purchase Order Number:			
Related Order Number:			
Project Identification:			
Customer Name:			

☐ New Location

Admin | Access | Billing | Disconnect | Hunting | Locations | Optional | UNE Options

Next Screen | Submit Order

Input the following information.

Click here

Local intranet

You will arrive here

Firm Order - Microsoft Internet Explorer provided by BellSouth

File Edit View Favorites Tools Help

BELLSOUTH

Address Validation
Telephone Assign
Loop Makeup
Service Availability
Estimated Date
Customer Record
Templates
LSR Status
Bulk Order
Save
Cancel
Sign Out

Location/Access

Customer ID:	sanford	Customer Name:	Torrance Sanford
Request Type:	Loop/Port	Activity Type:	Conversion to LSP
Purchase Order Number:	2002062409165000	Version:	0
Form Selection:	Administration/Billing	Company Code:	8001

Local Contact Name:
Local Contact Telephone Number:
Address Activity:
Access:
Remarks:
End User Retaining Listing: Yes
End User Moving
Working Service On Premises
Inside Wire Option:
Inside Wire Contact Name:
Inside Wire Contact Telephone Number:

Admin | Access | Billing | Disconnect | Hunting | Locations | Optional | UNE Options

Next Screen | Submit Order

Select option

Go to UNE Options. Click here

View and modify LSR location access data. Local intranet

You will arrive here. Select options below.

UNE Options - Microsoft Internet Explorer provided by BellSouth

UNE Options

Order Number:

Access Customer Terminal Location:

Additional Point of Termination:

Additional Point of Termination Ind:

☐ Coordinated Hot Cut

Design Routing Code:

Design/Engineering Contact:

Street:

Room:

Floor:

City:

State:

Zip Code:

Telephone Number:

Fax Number:

Local Service Termination: PWSPGAAS94A

Local Serving Office: 770943

Network Channel Code:

Network Channel Interface:

Secondary Network Channel Interface:

Port Type: Line Port (L)

Pot Bay Type:

Done | Cancel | Clear

Click here

Done

Local intranet

You have now return to the "Location/Access" screen

Firm Order - Microsoft Internet Explorer provided by BellSouth

File Edit View Favorites Tools Help

BELLSOUTH

Address Validation
Telephone Assign
Loop Makeup
Service Availability
Estimated Date
Customer Record
Templates
LSR Status
Bulk Order
Save
Cancel
Sign Out

Location/Access

Customer ID:	sanford	Customer Name:	Torrance Sanford
Request Type:	Loop/Port	Activity Type:	Conversion to LSP
Purchase Order Number:	2002062409165000	Version:	0
Form Selection:	Administration/Billing	Company Code:	8001

Local Contact Name:

Local Contact Telephone Number:

Address Activity:

Access:

Remarks:

End User Retaining Listing: Yes

☐ End User Moving ☐ Working Service On Premises

Inside Wire Option:

Inside Wire Contact Name:

Inside Wire Contact Telephone Number:

Admin | Access | Billing | Disconnect | Hunting | Locations | Optional | UNE Options

Next Screen | Submit Order

Click here

View and modify LSR location access data. Local intranet

You will arrive here. Select the options below

Firm Order - Microsoft Internet Explorer provided by BellSouth

File Edit View Favorites Tools Help

PORT

BELLSOUTH

Address Validation
Telephone Assign
Loop Makeup
Service Availability
Estimated Date
Customer Record
Templates
LSR Status
Bulk Order
Save
Cancel
Sign Out

Customer ID:	sanford	Customer Name:	Torrance Sanford
Request Type:	Loop/Port	Activity Type:	Conversion to LSP
Purchase Order Number:	2002062409165000	Version:	0
Form Selection:	Port	Company Code:	8001
Line Selection:	7709431952		

Line Activity: Conversion to LSP (V) Location Number:

PIC: NONE LPIC: NONE Freeze PIC Indicator:

Line Existing Acct Number: Line Existing Acct TN:

Line Class of Service: Line Number Extension:

Main/Alternate TN: NP Indicator: Out TN: Terminal Number:

Cable ID: Channel/Pair: Telephone Line ID:

Relay Rack: Shelf: System ID: Slot:

Pulsing: Signaling:

Start Signaling: Switched Data ID:

Connecting Facility Assignment:

Blocking | Optional | Transfer of Calls | UNE Options

Next Screen | Submit Order

Click next

Local intranet

You will arrive at here

Firm Order - Microsoft Internet Explorer provided by BellSouth

File Edit View Favorites Tools Help

Directory Delivery Address

BELLSOUTH

Address Validation
Telephone Assign
Loop Makeup
Service Availability
Estimated Date
Customer Record
Templates
LSR Status
Bulk Order
Save
Cancel
Sign Out

Customer ID:	sanford	Customer Name:	Torrance Sanford
Request Type:	Loop/Port	Activity Type:	Conversion to LSP
Purchase Order Number:	2002062409165000	Version:	0
Form Selection:	Directory	Company Code:	8001

Delivery Activity:
Delivery Name:
Delivery House: Prefix Number Suffix
Delivery Street: Dir Name Thoroughfare Suffix
Delivery Location: State Zip Code Location
Descriptive Location:
Address Locality:

Delivery Addr | Delivery Type | Control | Listing | Text | Misc | Lvl Detail

Next Screen | Submit Order

Click here

Done Local intranet

You will arrive at the "Calculate Due Date" Screen

Firm Order - Microsoft Internet Explorer provided by BellSouth

File Edit View Favorites Tools Help

BELLSOUTH

Address Validation
Telephone Assign
Loop Makeup
Service Availability
Estimated Date
Customer Record
Templates
LSR Status
Bulk Order
Save
Cancel
Sign Out

Calculate Due Date

Customer ID:	sanford	Customer Name:	Torrance Sanford
Request Type:	Loop/Port	Activity Type:	Conversion to LSP
Purchase Order Number:	2002062409165000	Version:	0
Form Selection:	Calculate Due Date	Company Code:	8001

Desired Due Date: 06/28/2002

Estimated Due Date:

Note: The Estimated Due Date is subject to change when the Firm Order is submitted.

Calculate Due Date | Accept Estimated Due Date

Next Screen | Submit Order

Click here

Done | Local intranet

Results of Calculation

Firm Order - Microsoft Internet Explorer provided by BellSouth

File Edit View Favorites Tools Help

BELLSOUTH

Address Validation
Telephone Assign
Loop Makeup
Service Availability
Estimated Date
Customer Record
Templates
LSR Status
Bulk Order
Save
Cancel
Sign Out

Calculate Due Date

Customer ID:	sanford	Customer Name:	Torrance Sanford
Request Type:	Loop/Port	Activity Type:	Conversion to LSP
Purchase Order Number:	2002062409165000	Version:	0
Form Selection:	Calculate Due Date	Company Code:	8001

Desired Due Date: 06/28/2002

Estimated Due Date: 06/28/2002

Note: The Estimated Due Date is subject to change when the Firm Order is submitted.

Calculate Due Date | Accept Estimated Due Date

Next Screen | Submit Order

Click here

Perform estimated due date calculation.

Local intranet

You will arrive at the "LSR Summary" screen

Firm Order - Microsoft Internet Explorer provided by BellSouth

File Edit View Favorites Tools Help

BELLSOUTH

Address Validation
Telephone Assign
Loop Makeup
Service Availability
Estimated Date
Customer Record
Templates
LSR Status
Bulk Order
Save
Cancel
Sign Out

LSR Summary

Customer ID:	sanford	Customer Name:	Torrance Sanford
Request Type:	Loop/Port	Activity Type:	Conversion to LSP
Purchase Order Number:	2002062409165000	Version:	0
Form Selection:	LSR Summary	Company Code:	8001

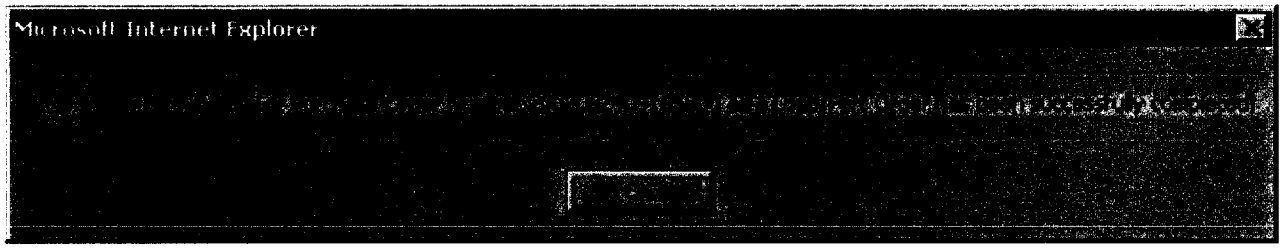
```
Administrative Information:
---------------------------
Purchase Order Number = 2002062409165000
Version = 0
Request Type = Loop/Port
Activity Type = Conversion to LSP
Company Code = 8001
Type Of Service = 2B-
Customer Carrier Name Abbr = BST
Service Center = LCSC
Test Prod Indicator = 1
Desired Due Date = 06/28/2002
Account TN = 7709431952
Existing Account TN = 7709431952
Carrier ID Code = 5124

Access Information:
-------------------
End User Retaining Listing = Y
```

Print Preview | Submit Order

Click here

Local intranet

The order has been submitted successfully



Appendix D

Acronyms

ATLAS	Application for Telephone number Load Administration and Selection — The BellSouth OS used to administer the pool of available telephone numbers (also referred to as "directory numbers") and to reserve selected numbers from the pool for use on pending service requests/service orders.
BIBS	BellSouth Industrial Billing System
CABS	Carrier Access Billing System — The BellSouth proprietary corporate database and billing system for access customers and services. CABS is a complex mainframe system consisting of multiple functional software applications. CABS contains the "corporate official" records of the account information which is used to generate the appropriate customer billing. CABS accrues charges to customer accounts and generates billing invoices according to the formatting options selected by the customer.
CLP	Competitive Local Provider
CO	Central Office
COFFI	The Central Office Features File Interface – The BellSouth database OS which contains USOC information based on current tariffs filed and PIC/LPIC Carrier data.

CONNECT:Direct®	A value-added network (VAN) service of Sterling Commerce, Inc. which supports VTAM and TCP/IP protocols. This VAN is used by BellSouth to support customer access into BellSouth systems. An example is the CLEC option to receive Daily Usage Files.
CRIS	Customer Records Information System — The BellSouth proprietary corporate database and billing system for non-access customers and services. CRIS contains the "corporate official" records of the account information which is used to generate the appropriate customer billing. CRIS is a complex mainframe system consisting of multiple functional software applications. CRIS accrues charges to customer accounts and generates billing invoices according to the formatting options selected by the customer.
DOE	Direct Order Entry System — An internal BellSouth service order entry system used to input service orders in BellSouth format with the proprietary coding and formatting necessary for downstream processing by provisioning and billing systems. This system was developed and deployed within the former Southern Bell states of BellSouth.
DSAP	Distributed Support Application — The BellSouth OS which assists a Service Representative or similar carrier agent in negotiating service provisioning commitments for non-designed services and UNEs. DSAP has information regarding closed dates, CTs and restricted areas, and other information/guidance to help establish a realistic and meaningful appointment date.

DUF	Daily Usage Files
ECTA	Electronic Communications Trouble Administration - the industry standard machine-to-machine ECTA Gateway for resold basic local exchange services, non-basic local exchange services and Unbundled Network Elements ("UNEs"). ECTA follows ANSI Standards. ECTA allows the CLEC to create mechanized trouble reports and perform certain remote tests defined by the national standards.
EDI	Electronic Data Interchange — The computer-to-computer exchange of inter and/or intra company business documents in a public standard format. The ordering interface sanctioned by the Ordering & Billing Forum (OBF) for implementation based on OBF standards and proposals.
I&M	Installation and Maintenance — The BellSouth field work group which installs and repairs "POTS-like" non-designed services/circuits. This is an "outside" technician work group which normally performs work at the customer premise or at remote facility locations.
IBS	Integrated Billing Solution
LCSC	Local Carrier Service Center — The center which is dedicated to handling CLEC LSRs, and Preordering transactions along with associated expedite requests and escalations.

LENS	Local Exchange Navigation System — The BellSouth LAN/web server/OS application developed to provide both preordering and ordering electronic interface functions for Alternative Local Exchange Carriers.
LEO	Local Exchange Ordering System — A system which accepts the service request, applies edits and formatting checks, and forwards the service request to LESOG.
LESOG	Local Exchange Service Order Generator — A system which accepts the service request output of LEO, applies additional edits and formatting checks, formats the request into BellSouth service order record format, and passes it to SOCS.
LFACS	Loop Facilities Assignment and Control System — A BellSouth OS of Telcordia design which selects loop facilities which serve the address(es) on the service order
LMOS	Loop Maintenance Operations System — The system provides a mechanized means of maintaining customer line records and for entering, processing, and tracking trouble reports. LMOS is used by the Work Management Center in the dispatching of service orders and trouble reports to outside forces.
LNP	Local Number Portability — In the context of this document, the capability for a subscriber to retain his current telephone number as he transfers to a different local service provider.
LSR	Local Service Request — A request for local resale service or unbundled network elements (UNEs) from an Alternative Local Exchange Carrier (CLEC). LSRs are to be transmitted in compliance with OBF standards where such standards have been finalized.

LSRR	Local Service Request Router routes LSR to the proper BellSouth operating support system for handling.
MARCH	MARCH® is a product name, not an acronym — A BellSouth OS of Telcordia design which accepts service orders, interprets the coding contained in the service order image, and constructs the specific switching system Recent Change command messages for input into end office switches. Recent Change messages instruct the switching system to make the necessary assignments and associations in its translations database to activate service and any assigned features or capabilities.
MLT	Mechanized Loop Testing — A BellSouth test OS which conducts testing of loop facilities and inside wiring (CO distributing frame continuity) by accessing the loop via the line-side switching system port. MLT supports only non-designed loop testing through an assigned and interconnected switch line port (i.e. "OE", or Office Equipment termination).
Non Designed Service	A local service which does not require special conditioning or design. Such services are usually called "POTS" ("Plain Old Telephone Service") type service.
OM	Order Manager (OM) provides the programmable sequence and control functionality necessary to manage BellSouth's creation of xDSL Service Order Generation process. LSRs for xDSL are received from SGG, and validated within OM.
Predictor	Not an acronym — The BellSouth OS of which is used to administer proactive maintenance and rehabilitation activities on outside plant facilities, provide access to selected work groups (e.g. RRC & BRC) to MLT and switching system I/O ports, and provide certain information regarding the attributes and capabilities of outside plant facilities.

P/SIMS	Product/Services Inventory Management System — The BellSouth database OS which contains availability information on switching system features and capabilities and on BellSouth service availability. This database is used to verify the availability of a feature or service in an NXX prior to making a commitment to the customer.
RSAG	Regional Street Address Guide — The BellSouth database which contains street addresses validated to be accurate with state and local governments. This information is used to ensure a consistent and accurate address for the purposes of matching loop facilities available to a customer address and for dispatching outside field technicians.
SGG	ServiceGate® Gateway (SGG) provides a flexible and expandable gateway for the CLEC xDSL interconnection environment. SGG receives LSR data from LENS, TAG and EDI. SGG will provide security, logging and mapping capabilities needed by BellSouth to both receive and send xDSL interconnection requests.
SOAC	Service Order Analysis & Control — A BellSouth OS of Telcordia design which controls the flow of service orders to appropriate downstream assignment OSS, such as LFACS. SOAC controls the flow based on the type of order and the required facilities using BellSouth codes contained in the Service Order image.
SOCS	Service Order Communications System — A BellSouth OS which routes service order images among BellSouth drop points and BellSouth Operations Systems during the service provisioning process.

SONGS	Service Order NeGotiation System — An internal BellSouth service order entry system used to input service orders in BellSouth format with the proprietary coding and formatting necessary for downstream processing by provisioning and billing systems. This system was developed and deployed within the former South Central Bell states of BellSouth.
SWITCH	Not an acronym — BellSouth OS for distributing frame administration, switch concentrator load balance operations, tie pair administration, provisioning selection of line-side switching system terminations ("OEs", or Office Equipments), and issuance of frame wiring orders.
TAFI	Trouble Analysis Facilitation Interface — A BellSouth OS which supports trouble receipt center personnel in taking and handling customer trouble reports. TAFI prompts the trouble receipt center agent with appropriate questions through prompts and screen displays. Concurrently, TAFI obtains the assignment and billing information by interfacing with systems such as LMOS and CRIS. TAFI automatically initiates MLT testing on the loop if that is possible for the resale service or UNE combination. TAFI automatically verifies the line translations via MARCH if a switch port is involved in the service being reported. TAFI subjects all findings to its analyzer logic and attempts to correct the problem, or presents information in "real time" to the trouble receipt center agent which will enable the front-end correction and/or closure, or identifies and routes the ticket to a downstream BellSouth work group for further action. If TAFI cannot determine what appropriate action to take based on the information at hand, TAFI will send the report to a specialized work group in the appropriate Repair Center with a request for manual intervention.

TAG	Telecommunications Access Gateway (TAG) is an Application Program Interface (API) that allows customers to establish an application-to application interface with the following benefits: ▪ CLECs actually receive the data instead of just viewing it ▪ CLECs develop their own presentation layer (GUI) ▪ Real time processing, not batch ▪ Access pre-order information and submit firm orders
UNE	Unbundled Network Element
UNE-P	Unbundled Network Element Platform. An unbundled network element port/loop combination service that combines a 2-wire voice grade (measured) port, switching functionality, shared interoffice transport, tandem switching, and a voice grade loop to create an end-user-to-end-user transmission path that provides basic local exchange service.
USOC	Universal Service Order Code — USOC codes are assigned to all tariffed services and features. These codes are used by BellSouth OSs and work groups in provisioning, repair, and billing activities.
VAN	Value Added Network — A data transmission network that provides features beyond basic transmission of information. For example, a data network that provides protocol translation or store-and-forward capabilities. BellSouth uses CONNECT:Direct®, for instance, in the billing electronic interfaces offered to CLEC customers.

WFA	Work Force Administration — A BellSouth OS. Consists of three modules: 1. WFA-Control: Used by the Control Office in the coordination, testing, turn-up, and repair functions associated with designed services. 2. WFA-DI (Dispatch In): Used by the Work Management Center and Central Office forces in the dispatching of technicians and in the administration of loaded/dispatched work. 3. WFA-DO (Dispatch Out): Used by the Work Management Center and Outside Field Work Groups in the dispatching of technicians and in the administration of loaded/dispatched work.
WMC	Work Management Center — The BellSouth Operations center which is responsible for dispatching of work to field work groups — both outside forces and central office work groups. The WMC attempts to maximize service results performance by managing dispatch efficiency and matching workload to available forces.