# Carrier Access Billing System (CABS) Bill

#### **CABS Bill Overview**

The Carrier Access Billing System is used to bill customers for accessing the AT&T network. The following section gives an overview of the various bill formats that are produced by the CABS system. For further information, refer to the CLEC Billing Guide at:

http://www.wholesale.att.com/reference\_library/guides/billing/

### **CABS Account Types**

Account Type	Description
Ancillary (A)	Used to bill services including but not limited to the following: Inward Operator Services, Database Queries, SS7, Link Access. Some service can have usage charges.
Miscellaneous (C)	Used for billing functions that do not fit into the other account types such as Local Number Portability. This account does not have usage charges.
Facility (N)	Used for billing Switched and Special Access Facilities. This account type does not have usage charges.
Switched (S)	Used for billing Switched Access usage, Trunks and other related services. Has both usage and flat rated charges

# Screen Print and Descriptions – All Account Types CABS Bill Format

The following section will show the major sections of a typical CABS Bill seen across all of the account types that can be billed through the CABS system.

CABS Bills include detail information listed as follows:

- Balance due information
- Detail of current charges applied
- Detail of payments applied
- · Detail of adjustments applied
- Detail of late payments
- Detail of other charges and credits
- Detail of usage charges
- Summary of usage charges
- Facility Access Circuit Listing
- Detail of taxes

The following table lists the sections of the bill and describes in detail each segment:

Section	Description	Bill Types
Remittance Page	<ul> <li>The page the customer mails along with their payments to the Payment Remittance Office (PRO) for processing</li> <li>It contains the Total Amount Due and Due by Date</li> </ul>	Applies to all bill types
Balance Due Information Page	<ul> <li>The page that summarizes the bottom-line for the customer</li> <li>It contains the Balance Due Information and the Detail of Current Charges</li> </ul>	Applies to all bill types however the format and content can be specific to the bill type
Summary of Access Charges	Determine the description and location	Applies only to the N account
Detail of Payments Applied and Balance Due Section	<ul> <li>Details all payments that have been received since the last billing period</li> <li>If the customer is invoiced billed, the payments will be applied to the invoice to which the payment belongs</li> <li>If the customer is not invoiced billed, then the payments will be grouped together</li> </ul>	Applies to all bill types
Adjustment Section	The section of the bill that lists all adjustments, credits, and debits which have	Applies to all bill types

	been applied since the last billing period	
Late Payment Section	<ul> <li>Calculates the late payment fees which are due on this billing period</li> </ul>	Applies to all bill types
Other Charges and Credits (OC&C) Section	Includes all service order related and manual OC&Cs which have been produced since the last billing period	Applies to all bill types
Usage Section (Ancillary/FGD)	<ul> <li>Gives a detailed view of the usage that was processed for an End Office (EO)</li> <li>The first detail is the usage statistics page, which details by traffic type the number of messages and minutes of usage recorded for that EO</li> <li>The second detail is the bill page, which takes the minutes of use or messages depending on the type of traffic and applies the rate elements</li> <li>The third detail is the Summary of Usage Charges which summarizes by rate elements the quantity and revenue for that EO</li> </ul>	Applies to A and S account types
Facility Access Circuit Listing	This section shows the total monthly usage charges for all the circuits that the	Applies to N     account type

# **Chapter II Bill Types**

	customer ordered, broken out by circuit ID. The corresponding detail associated with this information can be found on the accompanied CSR	
Detail of Taxes Section	Gives the details of all taxes, which apply to the bill	Applies to all bill types
Bill Index	Gives an index of the bill by page number	<ul> <li>Applies to all bill types however the format and content can be specific to the bill type</li> </ul>

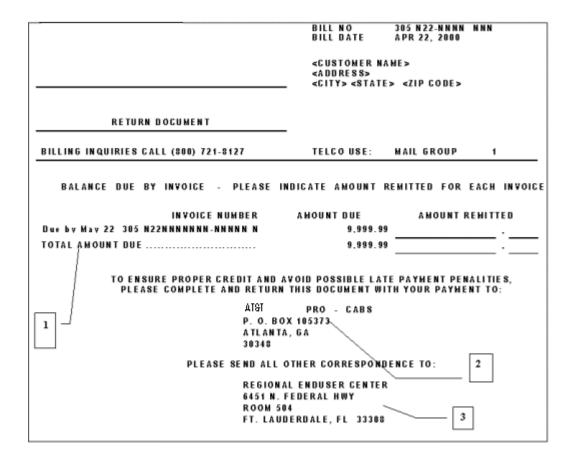
#### **Bill Section Overview**

The following shows the sections of the CABS bill that are common to all bill types:

- Remittance Page
- Balance Due Information Page
- Detail of Current Charges
- Detail of Payments Applied and Balance Due
- Late Payment Section
- Other Charges and Credits (OC&C) Section
- Detail of Taxes Section

### Remittance Page

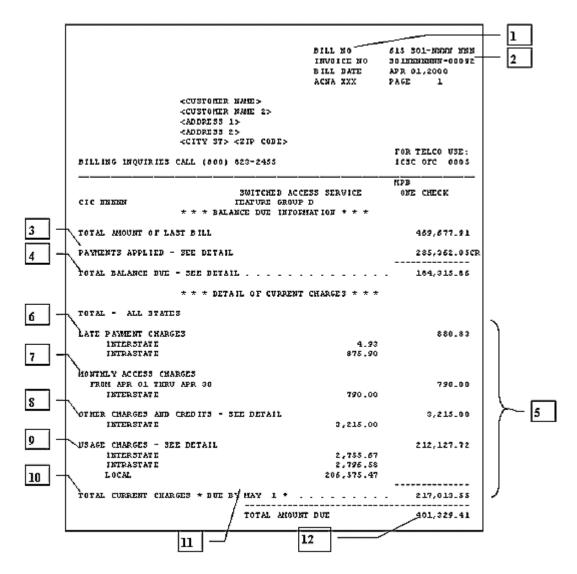
This is the page the customer mails along with their payments to the Payment Remittance Office (PRO) for processing. It contains the following sections:



- 1. **Total Amount Due** This is the total outstanding balance as of the latest billing cycle.
- Return Address This is the PRO office to which the payment is mailed.
- 3. **Correspondence Address** This is the address to send the correspondence.

### **Balance Due Information Page**

The following section shows a summary of charges for the billing period. Some of the major features of this section of the bill include:



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- 1. **Bill Number** This is the number used to identify the customer billing account.
- Invoice Number This invoice number identifies this particular bill
  for the customer. Of special interest are the last five digits of the
  Invoice number, this is the Julian date of the invoice. For further
  information on invoice billing, refer to Appendix A Billing
  Concepts.
- 3. **Payments Applied** This is a summary of all payments applied since previous billing period.
- 4. **Balance Due** This shows a summary of the outstanding balance on the account. This is calculated by subtracting payments made from the total amount of the previous bill.
- 5. **Current Charges** This shows a summary of the cumulative charges for the billing period.
- 6. **Late Payment Charges** This is a summary of the late payment charges.
- 7. Monthly Access Charges This is a summary of the access charges for the billing cycle. The details associated with this section can be found in the CSR for the bill, if account type S is specified. If account type N is specified then details can be found in the Facility Access Circuit Listing. These charges are billed one month in advance.
- 8. Other Charges and Credits This is a summary of the charges associated with the one-time or fractional recurring charges, associated with this billing cycle. For further details refer to the Other Charges and Credits section of the bill.
- Usage Charges This is a summary of usage charges for the billing period. For further details, refer to the Ancillary Usage section for account type A or the Switched Usage section for account type S.

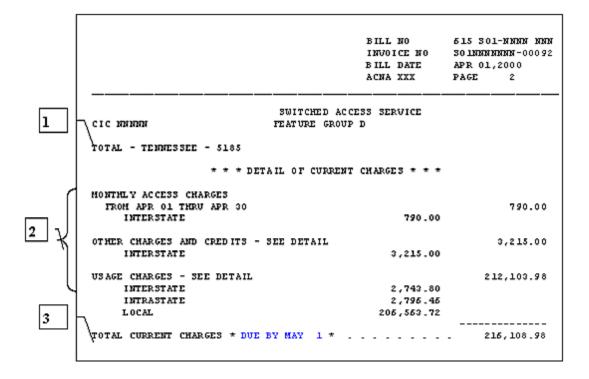
**Note:** Usage charges apply only to 'A' and "S" account types.

10. Total Current Charges – This is a summary of the charges for the current billing period. This total is obtained by summing any late payment charges, monthly access charges, other charges and credits, and usage charges.

- 11. **Due Date** This is the date by which the bill must be paid to avoid **late payment charges.** Payment is due 31 days after the bill date. Exceptions to this rule occur when the due date falls on Saturday, then payment is due on Friday. If the due date occurs on a Sunday, then payment is due on Monday.
- 12. **Total Amount Due** This is the result of the Total Balance Due and the Total Current Charges section.

### **Detail of Current Charges**

This shows the details of the current charges by state. Some of the unique features of this section include:



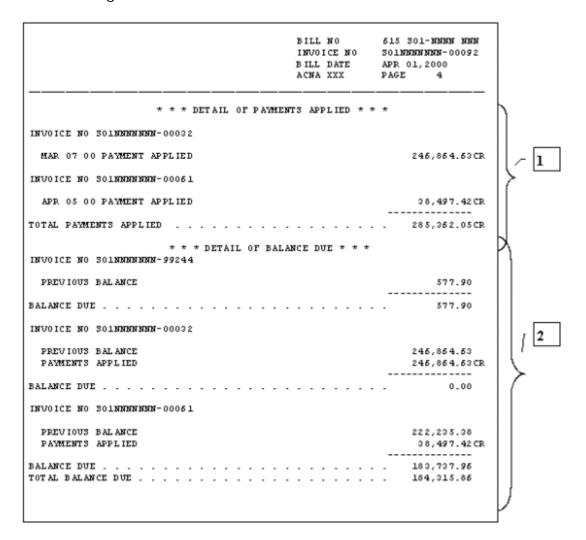
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- 1. **State Total** This is the total of the current charges broken out by state.
- 2. **Detail of Current Charges** will appear as applicable by account type.
- 3. **Total Current Charges** This shows the total current charges, however, it excludes the late payment charges.

		INVOICE NO	APR 01,2000
сіс инини	SWITCHED ACC		
		-	
TOTAL - KENTUCKY - 518	2		
	* DETAIL OF CURRENT	CHARGE3 * * *	
* 1		CHARGES * * *	23.7
		CHARGES * * *	
* : US AGE CHARGES - SEE DI			23.7

# Detail of Payments Applied and Balance Due

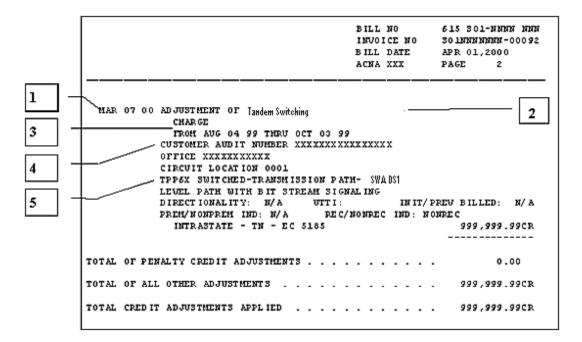
This page shows the details associated with the payments that have been applied and balances that are due. Payments will only be applied to specific invoice numbers if invoice billing is chosen. Further information on invoice billing can be found in **Appendix A – Billing Concepts**. It is comprised of the following main sections:



- 1. **Details of Payments Applied** This section shows the dates of the payments that were applied to the bill since the previous billing period. This section is broken out by invoice number, in order to uniquely identify each invoice.
- 2. **Details of Balance Due** This section is also broken out by invoice number and shows the balance on each of the bills after the payments have been applied to that invoice.

The following section shows an example of an adjustment page for the CABS bill. This is conformed to meet CBOS standards, Further detailed information can be found in the CBOS Standards Documentation, refer to the Bill Media section of the CLEC Billing Guide for CBOS contact information at: <a href="http://www.wholesale.att.com/reference\_library/guides/other\_guides/assets/pdf/dg06">http://www.wholesale.att.com/reference\_library/guides/other\_guides/assets/pdf/dg06</a>

Some of the unique features found in this section include:

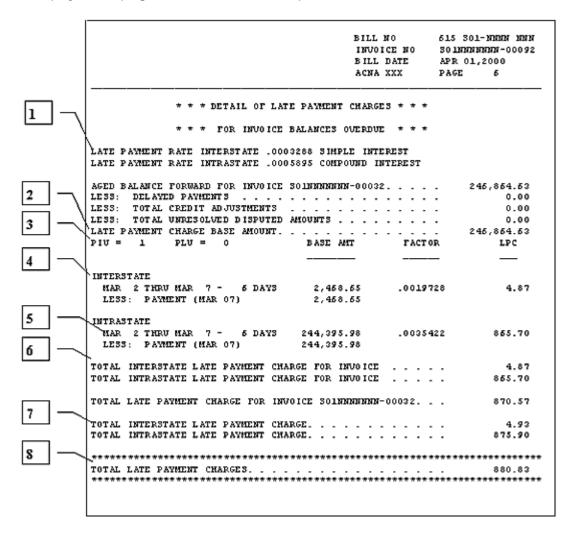


- 1. **Adjustment Date** This is the date the adjustment is posted to the account.
- 2. **Phrase Code** This is an explanation as to what the adjustment is for.
- 3. **Adjustment Period** This is the period of time that is covered by the adjustment.
- 4. **Customer Audit Number** This number is an identifier, which is provided by the customer or the service representative.
- 5. **USOC Code** If adjustment is USOC specific then USOC definition will be given. For product specific information, refer to the LEO Implementation Guide at:

http://www.wholesale.att.com/reference\_library/guides/index.html

### **Late Payment Section**

This section shows the detail breakout and calculation of the late payment charges by invoice. If there are multiple late invoices there will be multiple late payment pages. Some of the unique features of this section include:

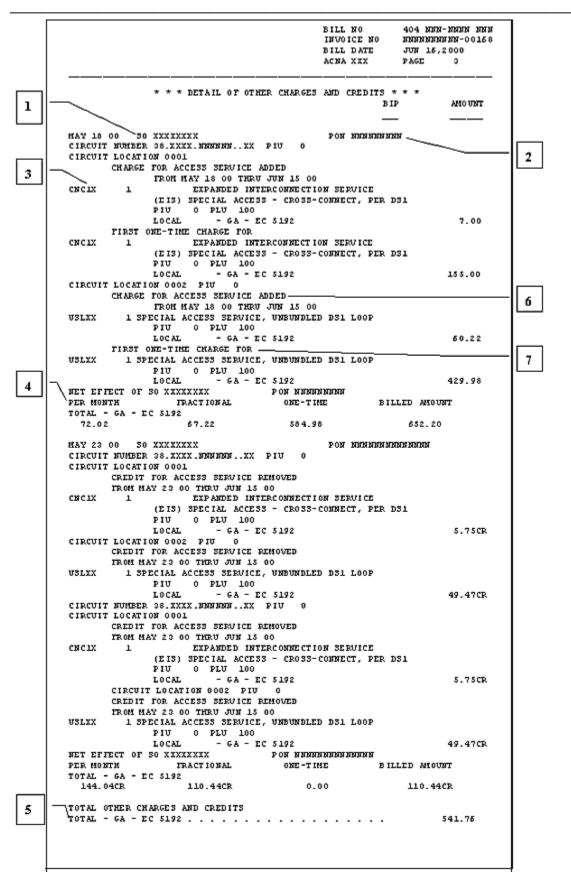


- Late Payment Interest Rates This shows the rates that are used to calculate the interest charges. Intrastate rates are calculated using compound interest and interstate rates are calculated using simple interest. Refer to the AT&T tariff for applicable rates at: <a href="http://cpr.att.com/">http://cpr.att.com/</a>.
- 2. Late Payment Base Amount This is the starting balance used to calculate the late payment charges. This amount is obtained by subtracting payments, credit adjustments, and unresolved disputed amounts from the balance of the invoice.

- 3. **Jurisdiction Factors** These are the factors used to determine the jurisdiction for calculating the late payments. For further information, refer to **Appendix B Billing Factors**.
- 4. Late Payment Calculation The late payment charges are calculated for each invoice with an outstanding balance. In other words, the sum of the late charges for each invoice makes up the total late payment charges. To calculate the charges by jurisdiction refer to Appendix B Billing Factors.
- 5. **Late Period** This show the dates that the balance is outstanding.
- 6. **Total Late Payment by Jurisdiction by Invoice** This is a summary of the late payment charges by jurisdiction by invoice.
- 7. **Total Late Payment by Jurisdiction** This is a summary of the late payment charges by jurisdiction, for all the invoices up to that point in the bill. In other words this is a running total of all the late payment charges for each invoice that has been previously detailed, broken out by jurisdiction.
- 8. **Total Late Payment Charges** This is a summary of the late payment charges for all jurisdictions and invoices. For further information, refer to **Appendix A Billing Concepts**.

#### Other Charges and Credits (OC&C) Section

This section shows details of the one time or fractional recurring charges, associated with this billing cycle by service order number. Some of the unique features of this section include:



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- 1. **Service Order Number** This is a system generated, up to 12 characters, alphanumeric indicator that appears on the first line of the group of OC&C associated with a service order.
- 2. Purchase Order Number (PON) This is a customer generated, up to 16 characters, alphanumeric indicator that appears on the first line of the OC&C grouping. It is used to identify the customer's unique purchase order or requisition number that authorizes the issuance of this request or supplement. If the service order activity is AT&T generated, the Purchase Order field will not be populated.
- 3. **USOC** This is up to a five-character alphanumeric code that is used to identify a particular service or equipment offered under tariff and or contract. These USOC codes appear along with a description of the service. For specific product information, refer to the LEO Implementation Guide at: <a href="http://www.wholesale.att.com/reference\_library/guides/index.html">http://www.wholesale.att.com/reference\_library/guides/index.html</a>.
- 4. **Net Effect** This shows how this OC&C affected the customer monetarily by monthly, fractional and or one-time charges. It also reflects the total billing for this OC&C grouping.
- 5. **State Total** This line shows the total service OC&C activity broken out by state.
- 6. **Fractional Charge** This is a recurring charge. For further detail, please refer to **Appendix A Billing Concepts**.
- 7. **One-Time Charge** This is a nonrecurring charge. For further detail, please refer to **Appendix A Billing Concepts**.

# **Detail of Taxes Section**

This section shows a breakdown of the taxes at the taxing authority level that have been applied to the bill. The account codes drive the tax applicability indicators. For further information, refer to **Appendix C – Tax Overview**.

		I: B		N10NNNNNNN-0010 APR 10,2000
TOTAL - AI	ABAMA - 5181			
	* * * D	ETAIL OF TAXES *	* *	
SWITCHED 8	ACCESS			
TYPE	MONTHLY ACCESS	USAGE	OTHER	TOTAL
FEDERAL	1.35	0.00	0.0	0 1.3
STATE TAX	3.02	0.00	0.0	0 3.0
SPECIAL A	ACCESS			
TYPE	MONTHLY ACCESS	USAGE	OTHER	TOTAL
STATE TAX	2,363.97	0.00	16.2	

### Overview - Feature Unique to Each Bill

The following sections show features that are unique to the individual account types.

# **Bill Layout – Account Type A Ancillary**

This type of bill is used to bill services including but not limited to the following: Inward Operator Services, Database Queries, SS7, Link Access. Some services can have usage charges.

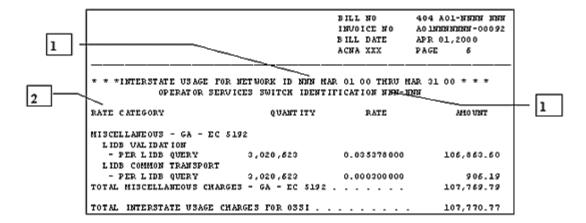
Examples of the other sections contained in this bill can be seen in the overview section of this document.

Some of the sections that are unique to account type A include:

- Usage Section
- Bill Index

**Usage Section** 

The following is an example of the Line Information Database (LIDB) service, that bill on an ancillary account:



- Point Code One of the unique attributes of the format for the Account Type A is that the usage section is broken out by point code.
- 2. **Rate Category** Groups the rate elements into six categories to present customers with access products being billed. For further information, refer to **Appendix A Billing Concepts**.

The following is a summary of the total usage charges. Charges will first appear at usage detail level by end office and network ID and summarized by jurisdiction. All jurisdiction totals will then be summed to obtain total usage charges.

		BILL NO INVOICE NO BILL DATE ACNA XXX	A01MMMMMM-0009 APR 01,2000
	* * * SUMMARY OF USAGE	CHARGES * * *	
TOTAL	- GE ORGIA - 5192		
	INTERSTATE		
TOTAL	LOCAL TRANSPORT CHARGES		0.00
TOTAL	END OFFICE CHARGES		0.00
TOTAL	CARRIER COMMON LINE ACCESS CHARGES		0.00
TOTAL	MISCELLANEOUS CHARGES		247,374.69
TOTAL	337 MISCELLANEOUS CHARGES		0.00
TOTAL	LOCAL INTERCONNECTION CHARGES		0.00
TUTAL	USAGE CHARGES		. 247,374.69
	TOT AL		
TOTAL	LOCAL TRANSPORT CHARGES		0.00
TOTAL	END OFFICE CHARGES		0.00
TOTAL	CARRIER COMMON LINE ACCESS CHARGES		0.00
	MISCELLANEOUS CHARGES		247,374.69
	337 MISCELLANEOUS CHARGES		0.00
TOTAL	LOCAL INTERCONNECTION CHARGES		0.00
	USAGE CHARGES		. 247,374.69

#### Bill Index

This section is an index of the bill by page number and section. This may also contain either point code or end office depending on service ordered.

### Bill Layout – Account Type C Miscellaneous

This is used for billing services that cannot be billed on other account types such as Local Number Portability. Some of the unique characteristics that appear in the C Bill include:

- Balance Due Information Page
- Detail of Payments Applied and Balance Due
- Bill Index

# **Balance Due Information Page**

The following section shows a summary of charges for the billing period.

		INVOICE NO BILL DATE	205 CO1-NNHN NHN CO1NHHHHHH-00092 APR 01,2000 PAGE 1
	<pre><customer name=""> ATTN: <departme <address=""> <city>, <state></state></city></departme></customer></pre>	NT NAME>	
BILLING INQVIRIES C	ALL (800) 823-2	455	FOR TELCO USE: ICSC OFC 0001
		CELLAME OUS ACCOUNT UE INFORMATION * * *	
TOTAL AMOUNT OF LAS	T BILL		49,709.30
PAYMENTS APPLIED -	SEE DETAIL		3,150.00CF
TOTAL BALANCE DUE -	SEE DETAIL		
	* * * DETAIL OF	CURRENT CHARGES * *	*
TOTAL - ALABAMA - 5	181		
MONTHLY ACCESS CHAR FROM APR 01 THRU			1,575.00
LOCAL TOTAL CURRENT CHARG	ES * DUE BY HAY	1,575.	
	 TOT	AL AMOUNT DUE	,

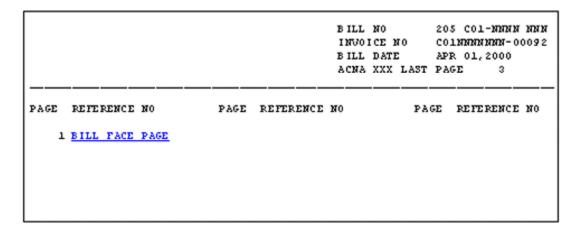
# **Detail of Payments Applied and Balance due**

This page shows the details associated with the payments that have been applied and balances that are due.

	BILL NO INVOICE NO BILL DATE ACNA XXX	COLMIN APR 0.	1,2000
* * * DETAIL OF P	AYMENTS APPLIED	* * *	
INFOICE NO COTHMNNNNN-00000			
MAR 24 00 PAYMENT APPLIED			1,575.00CE
MAR 30 00 PAYMENT APPLIED			1,575.00CE
FOTAL PAYMENTS APPLIED			3,150.000
* * * DETAIL OF	BALANCE DUE * *	*	
INAGICE NO COTUNNININA-00000			
PREVIOUS BALANCE			49,709.30
PAYMENTS APPLIED			3,150.000
BALANCE DUE			46,559.30
FOTAL BALANCE DUE			46,559.30

#### Bill Index

This section is an index of the bill by page number and section.



### Bill Layout - Account Type N Facility

This account type is used for billing facility based services. It will not contain any usage charges.

Examples of the other sections contained in this bill can be seen in the overview section of this document.

Some of the unique characteristics of the bill layout for Account Type N include:

- Summary of Access Charges
- Facility Access Circuit Listing
- Bill Index

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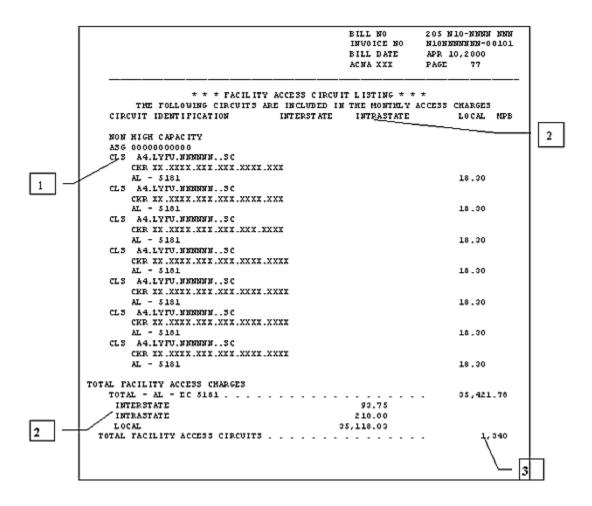
# **Summary of Access Charges**

Provides a further breakdown of detail of current charges by charge type, bill period, transport category, and jurisdiction.

	BILL NO IMVOICE NO BILL DATE ACMA XXX	205 N10-NNNN NNN N10-NNNNNNN-00103 APR 10,2000 PAGE 2
* * * SUMMARY OF ACCESS	CHARGES * * *	
TAL - ALABAMA - 5181	CHOCOLD	
MONTHLY ACCESS CHARGES		
FROM APR 10 THRU MAY 09		
SPECIAL ACCESS		
INTERSTATE	93.75	
INTRASTATE	165.00	
LOCAL	35,118.03	
SWITCHED ACCESS DIRECT TRANSPORT	0.00	
INTERSTATE INTRASTATE	0.00	
LOCAL	0.00	
LUCAL	0.00	
SWITCHED ACCESS ENTRANCE FACILITY		
INTERSTATE	0.00	
INTRASTATE	0.00	
LOCAL	0.00	
SWITCHED ACCESS EXPANDED INTERCOMM	ECTION	
INTERSTATE	0.00	
INTRASTATE	45.00	
LOCAL	0.00	
OTHER CHARGES AND CREDITS - SEE DETAI	L	
SPECIAL ACCESS		
INTERSTATE	284.20	
INTR AST ATE	1,443.95	
NON JURISDICTIONAL	0.00	
LOCAL	12,772.85	
SWITCHED ACCESS DIRECT TRANSPORT		
INTERSTATE	0.00	
INTRASTATE LOCAL	0.00	
SWITCHED ACCESS ENTRANCE FACILITY	0.00	
INTERSTATE	0.00	
INTRASTATE	0.00	
LOCAL	0.00	
SWITCHED ACCESS EXPANDED INTERCOME		
INTERSTATE	0.00	
INTRASTATE	0.00	
LOCAL	0.00	
ADJUSTMENTS APPLIED - SEE DETAIL		
SPECIAL ACCESS		
INTERSTATE	0.00	
INTRASTATE	0.00	
NON JURISDICTIONAL	0.00	
LOCAL	0.00	

### **Facility Access Circuit Listing**

This section shows the total recurring charges for all the circuits that the customer ordered, broken out by circuit ID. The corresponding detail associated with this information can be found on the accompanied CSR. For detailed explanation of these charges refer to the CSR for this circuit ID. This section also contains some unique features:



- 1. Circuit ID This uniquely identifies the circuit.
- Jurisdiction This indicates the jurisdiction that may apply to each circuit. A summary total by jurisdiction will be shown at the bottom. For further information, refer to Appendix A – Billing Concepts.
- 3. **Circuit Count –** This is the number of facility access circuits.

### **Bill Index**

This section is an index of the bill by page number and section.

BILL NO 205 N10-MNNN NNN
INVOICE NO N10MNNNNN-00101
BILL DATE APR 10,2000
ACNA XXX LAST PAGE 170

PAGE REFERENCE NO PAGE REFERENCE NO PAGE REFERENCE NO

1 BILL FACE PAGE
5 LATE PAY CHGS
6 0C-AMD-C PAGE
76 TAXES PAGE
77 CKT PAGE

### Bill Layout - Account Type S Switched

This is used for billing Switched Access usage, trunks and other related services. The bill layout has both usage and flat rated charges. This bill is used for customers that have requested switched access FGD services. Examples of the other sections contained in this bill can be seen in the overview section of this document. Some of the features unique to this section include:

- Usage Section (multiple jurisdictions and page types)
  - Usage Section Interstate Stat Page
  - Usage Section Interstate Bill Page
  - Usage Section Intrastate Stat Page
  - Usage Section Intrastate Bill Page
  - Usage Section Local Stat Page
  - o Usage Section Local Bill Page
  - o Detail Summary of Usage Charges by End Office Intrastate
  - Detail Summary of Usage Charges by End Office Local
  - Detail Summary of Usage Charges for all End Offices Interstate
  - Detail Summary of Usage Charges for all End Offices Intrastate
  - o Detail Summary of Usage Charges for all End Offices Local
  - Summary of Usage Charges by State
  - Summary of Usage Charges for all States
- Bill Index

#### Usage Section – Interstate (Stat Page)

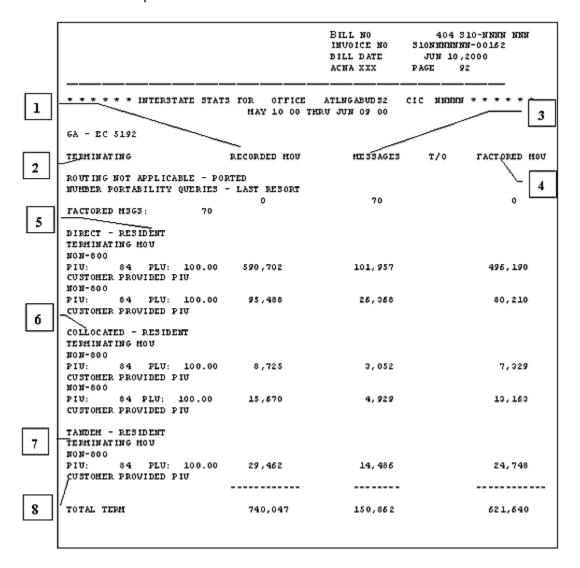
The following section details the statistics in which the Access or Local Interconnection customer has ordered service by:

- Jurisdiction
- End Office
- CIC

This shows an example of the interstate jurisdiction. The presence of a STAT page will appear on a customer's bill when the usage records are posted to the database in Detail Format. For further detail refer to **Appendix A** – **Billing Concepts.** A STAT page will not appear on a customer's bill when the usage is summarized via the Record Exchange Process.

**Note:** The details of this section may also be broken out by date range for instances such as late usage or rate changes.

Some of the unique features of this section include:



- 1. **Recorded MOU –** This column shows the minutes of use that were recorded at the end office.
- 2. **Directionality** This is the direction of traffic in relation to the end office.
- Messages This column shows number of calls recorded at the End Office

4. Factored MOU – This column reflects the number of minutes of use after the factors (if applicable) have been applied. PIU multiplied by the recorded minutes gives the factored number of interstate and intrastate minutes multiplied by PLU gives the amount of local minutes.

**Note:** Factors only apply to undetermined usage. Whether recorded minutes is factored or not, billed minutes will always appear under this column.

- 5. **Portability –** This indicates whether the traffic is ported.
- 6. **Routing indicator** This shows how the traffic was routed.
- 7. **Types of Calls** This bill also uniquely identify the traffic type.
- 8. **Factors** This indicates the factors that are applied to the recorded minutes of use or messages. For further information, refer to **Appendix B Billing Factors**.

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### **Usage Section – Interstate (Bill Page)**

The second part of the usage section shows the charges for usage by jurisdiction and by the end office in which the Access or Local Interconnection customer has ordered service. This is an example of intrastate charges. Some other important features of this section of the bill include:

INVOICE NO SIONNES BILL DATE JUN 10. ACMA XXX PAGE  * * * * * * INTERSTATE USAGE FOR OFFICE ATLEGABUDS2 CIC NUMBER * * * * * *  NAY 10 00 THRU JUN 09 00  RATE CATEGORY QUANTITY RATE  LOCAL TRANSPORT SWITCHED COMMON TRANSPORT EO TO TANDEM - GA - EC 5192  TANDEM TERMINATING ATLEGABUOLT	0-MINIMININ MINIMIN - 00 162 , 20 00 92 5
INVOICE NO SIONNES BILL DATE JUN 10. ACMA XXX PAGE  * * * * * * INTERSTATE USAGE FOR OFFICE ATLEGABUDS2 CIC MEMM * * * * * *  NAY 10 00 THRU JUN 09 00  RATE CATEGORY  OUANTITY RATE  LOCAL TRANSPORT SWITCHED COMMON TRANSPORT EO TO TANDEM - GA - EC 5192  TANDEM TERMINATING ATLEGABUOLT	92 5
1 RATE CATEGORY QUANTITY RATE  10 CAL TRANSPORT SWITCHED COMMON TRANSPORT EO TO TANDEM - GA - EC 5192  TANDEM TANDEM TANDEM ATLNOADUOLT	AMOUNT TRUOMA
RATE CATEGORY QUANTITY RATE  LOCAL TRANSPORT SWITCHED COMMON TRANSPORT EO TO TANDEM - GA - EC 5192  TANDEM TERMINATING ATLNGABUOLT	AMOUNA TRUONA
TANDEM TERMINATING ATLNGABUOLT	
24,748 0.000030000	0.00
TOTAL LT 3W COM TRANS 24,748	0.00
LOCAL TRANSPORT TABBEM SUITCHING - GA - EC 3192 TABBEM TERMINATING	
24,748 0.001515000	37.49
TOTAL LT AC TAMBEM SU 24,748 TOTAL LOCAL TRAMSPORT CHARGES - GA - EC 5192	37.49 37.49
END OFFICE - GA - EC 5192 LOCAL SWITCHING TERMINATING PREMIUM 621,640 0.004497000	2,795.52
TOTAL LOCAL SWITCHING 621,640  DA INFO SURCHARGE (PER 100 MOU)	2,795.52
	183.92
E0 24,748 0.000800000	19.80
	19.80
TOTAL END OFFICE CHARGES - GA - EC 5192	2,999.24
CARRIER COMMON LINE ACCESS - GA - EC 5192 TERMINATING 621,640 0.00000000	0.00
TOTAL CARR COMM LINE 621,640 TOTAL CARRIER COMMON LINE ACCESS - GA - EC 5192	0.00 0.00
HISCELLAMEOUS - GA - EC 5192 NUMBER PORTABILITY QUERY SERVICE (PER QUERY)	
LAST RESORT 70 0.001761000 TOTAL MISCELLAMEOUS CHARGES - GA - EC 5192	0.12 0.12
TOTAL INTERSTATE USG CHGS FOR OFFICE ATLMGABUDS2 CIC MUMMM	2,070.12

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- 1. **Date Range** This shows the "from" and "through" dates in which the usage was recorded. Normally this is the billing period date ranges.
- Rate Category This groups the rate elements in to six categories to present customers with access products being billed. For further information, refer to Appendix A – Billing Concepts.
- 3. **Rate** This column shows the actual rate applied to the rate elements minutes of use. For further information, refer to the AT&T tariff at <a href="http://cpr.att.com/">http://cpr.att.com/</a>.
- 4. **Rate Element Description** This is a brief description of the same rate element found in the CLEC contract or tariff document. For further information, refer to **Appendix A Billing Concepts**.
- 5. **Quantity** This column shows the messages that apply to this jurisdiction. This quantity is calculated by taking the factors from the previous section and multiplying it by the total messages recorded at the office.

		PIU Factor	Х	Recorded MOU	=	Quantity Factored
Example	=	84	Х	29,462	=	24,748

# Usage Section - Intrastate (Stat Page)

The following section details the statistics by jurisdiction and by the end office in which the Access or Local Interconnection customer has ordered service. This shows an example of the intrastate jurisdiction.

		BILL NO INVOICE NO BILL DATE ACNA XXX	SOLMNNNNNW-00092 APR 01,2000
* * * * * * INTRASTATE ST	TATS FOR OFFICE AR 01 00 THRU MA		IC NNNNN * * * * * *
TN - EC 5185			
TERMINATING	RECORDED MOU	MESSAGES	T/O FACTORED MOU
TANDEM - RESIDENT DA			
PIU: 0 PLU: 99.00 CUSTOMER PROVIDED PIU	11,007	34,955	110
PIU: 0 PLU: 99.00 CUSTOMER PROVIDED PIU	26	125	0
TOTAL TERM	11,033	35,080	110

# Usage Section - Intrastate (Bill Page)

The second part of the usage section shows the charges for usage by jurisdiction and by the end office in which the Access or Local Interconnection customer has ordered service. This is an example of intrastate charges.

		BILL NO INVOICE NO BILL DATE ACNA XXX	615 S01-MNNN NN S01NNNNNN-00092 APR 01,2000 PAGE 650
* * * * * * INTRASTATE USAG		SVLTN90DS1 CIC 31 00	NNNNN * * * * * *
RATE CATEGORY	QUANTITY	RATE	AMOUNT
MISCELLANEOUS - TN - EC 5185 DIRECTORY			
ASSISTANCE CALLS	351	0.250000000	87.75
DA SWITCHED COMMON TRANSPOR'  NSVLTNMT84T - 056 MI  DA FACILITIES TERMINAT  DA ACCESS TANDEM SWITC  TOTAL MISCELLANEOUS CHARGES  TOTAL INTRASTATE USG CHGS FO	351 351 351 - TN - EC 5185	0.000040000 0.000300000 0.000550000	0.79 0.11 0.19 88.84 WN 88.84

### **Usage Section – Local (Stat Page)**

The following section details the statistics by jurisdiction and by the end office in which the Access or Local Interconnection customer has ordered service. This shows an example of the local jurisdiction.

	BILL		
N	TATS FOR OFFICE		IC NUMBER * * * * *
TN - EC 5185 TERMINATING TANDEM - RESIDENT	RECORDED MOU	MESSAGES	T/O FACTORED MON
DA PIU: 0 PLU: 99.00 CUSTOMER PROVIDED PIU DA	11,007	34,955	10,897
PIU: 0 PLU: 99.00 CUSTOMER PROVIDED PIU	2.5	125	25
TOTAL TERM	11,033	35,080	10,923

### Usage Section - Local (Bill Page)

The second part of the usage section shows the charges for usage by jurisdiction and by the end office in which the Access or Local Interconnection customer has ordered service. This is an example of local charges.

		INVOICE NO BILL DATE	APR 01,2000
		acna xxx	PAGE 652
	E FOR OFFICE N: O1 OO THRU MAR		NININ * * * * *
RATE CATEGORY	QUARTITY	RATE	MOUNT
MISCELLAMEOUS - TH - EC S185 DIRECTORY	:		
ASSISTANCE CALLS	34,729	0.250000000	8,582.25
DA INTERCONNECTION CHARGE			
Tandem	34,729	0.002590000	93.42
DA SWITCHED COMMON TRANSPOR	-		
	34,729		
DA FACILITIES TERMINAT			
DA ACCESS TANDEM SWITC			
TOTAL MISCELLANEOUS CHARGES	- TM - EC 5185		8,882.98
TOTAL LOCAL USG CHGS FO	R OFFICE NEULT	890DSL CIC MMN	AN 8,882.98
*****	*****	******	*****
TOTAL USAGE CHARGES FOR OFFI	CE NSULTN9 ODS 1	CIC MIMMIN	8,971.82
********	*****	******	**********

# **Detailed Summary of Usage Charges by End Office – Intrastate**

This section shows a summary of the rate elements by jurisdiction for a given date range and end office. This is an example of intrastate jurisdiction charges.

	ACNA XXX BILL DATE BILL NO	APR 01,2000
* * DETAILED SUMMARY OF USAGE CHARGE	S FOR OFFICE MSWLTM90	DSI CIC MUMNN *
INTR	ASTATE	
USAGE BILLING CYCLE M	AR 01 00 THRU MAR 31	00
RATE CATEGORY	QUANT ITY	AMOUN
MISCELLANE OUS		
D IRE CTORY		
ASSISTANCE CALLS	351	87.75
DA ACCESS TANDEM SWITCHING	327	0.19
DA SWITCHED COMMON TRANSPORT	321	0.79
DA FACILITIES TERMINATION	351	0.11

## **Detailed Summary of Usage Charges by End Office – Local**

	BILL NO BILL DATE ACNA XXX	615 301-NHMN HHN 301NHMNHMH-00092 APR 01,2000 PAGE 654
* DETAILED SUMMARY OF USAGE CHARGES FO	R OFFICE NSVLTN90	DST CIC NNNNN * *
LOCAL		
USAGE BILLING CYCLE MAR O	1 00 THRU MAR 31	00
ATE CATEGORY	QUANT ITY	AMOUNT
ISCELLAME OUS		
DIRECTORY		
ASSISTANCE CALLS	34,729	- ,
DA ACCESS TANDEM SWITCHING	34,729	19.10
DA SWITCHED COMMON TRANSPORT	34,729	77.79
DA FACILITIES TERMINATION	34,729	10.42
DA INTERCONNECTION CHARGE	34,729	93.42
T AL		8,882.98

### **Summary of Usage Charges for All End Offices – Interstate**

This section shows a summary by jurisdiction and date range for all the end offices in which the Access or Local Interconnection customer has ordered service. This is an example of interstate charges.

	BILL NO INVOICE NO BILL DATE ACNA XXX	301MMMMMM-00092 APR 01,2000
* * * SUMMARY OF USA * * * USAGE BILLING CYCL	GE CHARGES FOR CIC NUMN E MAR 01 00 THRU MAR 31	
I	NTER STATE	
RATE CATEGORY	QUANT ITY	AMOUNT
LOCAL TRANSPORT		
FACILITY		
ORIGINATING MINUTES	200,248	
TERMINATING MINUTES TERMINATION	1,562	2.34
ORIGINATING MINUTES	197,293	44.76
TERMINATING MINUTES	3,124	
DS3/DS1 MULT IPLEXER	.,	
ORIGINATING MINUTES	197,293	98.43
TERMINATING MINUTES	3,124	0.78
TANDEM SWITCHING		
ORIGINATING MINUTES	186,109	
TERMINATING MINUTES	1,552	2.40
END OFFICE		
ORIGINATING MINUTES	400,576	
TERMINATING MINUTES	3,124	
OTHER	1,878	55.56
CARRIER COMMON LINE		
ORIGINATING MINUTES	185,109	577.28
TERMINATING MINUTES	1,562	0.00
OTHER		0.00
MISCELLANE OUS		
ORIGINATING MINUTES		0.00
TERMINATING MINUTES	335,681	
OTHER		0.00

**Note:** Quantity Totals shown on this page are for the cumulative MOUs/MSGs which incurred charges in the stated Category. This Quantity should not be used to compare with the total MOUs originated or terminated at the end-offices shown on this BAN.

# Summary of Usage Charges for All End Offices – Intrastate

This section shows a summary by jurisdiction and date range for all the end offices in which the Access or Local Interconnection customer has ordered service. This is an example of intrastate charges.

LOCAL TRANSPORT FACILITY ORIGINATING MINUTES TERMINATING MINUTES TERMINATION ORIGINATING MINUTES TERMINATING MINUTES TERMINATING MINUTES DS3/DS1 MULT IPLEXER ORIGINATING MINUTES	00 THRU MAR 31	00 * * * Amoun 33.37 79.10
RATE CATEGORY  LOCAL TRANSPORT FACILITY ORIGINATING MINUTES TERMINATING MINUTES TERMINATION ORIGINATING MINUTES TERMINATING MINUTES TERMINATING MINUTES DS3/DS1 MULT IPLEXER ORIGINATING MINUTES	QUANT ITY 44,980 116,523 40,308	33.37 79.10 14.57
ORIGINATING MINUTES TERMINATING MINUTES TERMINATION ORIGINATING MINUTES TERMINATING MINUTES DS3/DS1 MULTIPLEXER ORIGINATING MINUTES	44,980 116,523 40,308	33.37 79.10 14.57
FACILITY ORIGINATING MINUTES TERMINATING MINUTES TERMINATION ORIGINATING MINUTES TERMINATING MINUTES DS3/DS1 MULTIPLEXER ORIGINATING MINUTES	116,523 40,308	79.10 14.57
ORIGINATING MINUTES TERMINATING MINUTES TERMINATION ORIGINATING MINUTES TERMINATING MINUTES DS3/DS1 MULTIPLEXER ORIGINATING MINUTES	116,523 40,308	79.10 14.57
TERMINATING MINUTES TERMINATION ORIGINATING MINUTES TERMINATING MINUTES DS3/DS1 MULTIPLEXER ORIGINATING MINUTES	116,523 40,308	79.10 14.57
TERMINATION ORIGINATING MINUTES TERMINATING MINUTES DS3/DS1 MULTIPLEXER ORIGINATING MINUTES	40,308	14.57
ORIGINATING MINUTES TERMINATING MINUTES DS3/DS1 MULT IPLEXER ORIGINATING MINUTES		
TERMINATING MINUTES DS3/DS1 MULT IPLEXER ORIGINATING MINUTES		
DS3/DS1 MULT IPLEXER ORIGINATING MINUTES	87,731	21.78
ORIGINATING MINUTES		22.10
		0.00
TERMINATING MINUTES TANDEM SWITCHING	16	0.01
ORIGINATING MINUTES	39,235	29.06
TERMINATING MINUTES	109,440	81.02
ILMINGI INV MINVILD	1037,110	01.02
END OFFICE		
ORIGINATING MINUTES	39,334	472.28
TERMINATING MINUTES	133,893	1,610.05
OTHER		0.00
CARRIER COMMON LINE		
ORIGINATING MINUTES	39,235	5.89
TERMINATING MINUTES	132,231	296.19
OTHER		0.00
MISCELLANE OUS		
ORIGINATING MINUTES	39,235	14.50
TERMINATING MINUTES	1,404	88.84
OTHER		0.00

**Note:** Quantity Totals shown on this page are for the cumulative MOUs/MSGs which incurred charges in the stated Category. This Quantity should not be used to compare with the total MOUs originated or terminated at the end-offices shown on this BAN.

## Summary of Usage Charges for All End Offices - Local

	BILL NO INVOICE NO BILL DATE ACNA XXX	
	SUMMARY OF USAGE CHARGES FOR CIC NUN BILLING CYCLE MAR OI OO THRU MAR 3	
	LOCAL	
RATE CATEGORY	QUANT IT	Y AMOUN
LOCAL TRANSPORT		
FACILITY		
ORIGINATING MINU	TES .	0.00
TERMINATING MINU	TES 11,535,65	5 7,818.28
TERM INAT ION		
ORIGINATING MINU		0.00
TERMINATING MINU		.8 3,125.94
D33/D31 MULT IPLEX		
ORIGINATING MINUT		0.00
TANDEM SWITCHING	TES 1,54	6 0.39
ORIGINATING MINU	· po	0.00
TERMINATING MINU		
ILLEGIANO MANO	20,004,01	4 0,021.03
END OFFICE		
ORIGINATING MINU	TE3	0.00
TERMINATING MINU	TES 13,306,27	6 175,078.12
OTHER	1	.5 0.44
CARRIER COMMON LINE		
ORIGINATING MINU		0.00
TERMINATING MINU	TES 1,54	
OTHER		0.00
MISCELLANE OUS		
ORIGINATING MINU	TES .	0.00
TERMINATING MINU	TES 173,64	
OTHER		0.00

**Note:** Quantity Totals shown on this page are for the cumulative MOUs/MSGs which incurred charges in the stated Category. This Quantity should not be used to compare with the total MOUs originated or terminated at the end-offices shown on this BAN.

# **Summary of Usage Charges by State**

This section shows a breakdown of total usage charges by state, jurisdiction and rate element.

KE NTUC	* * * SUMMARY OF USAGE	CWARCES + + +	
KENTUC	KY - 5182	CRAKGES	
	INTERSTATE		
TOTAL	LOCAL TRANSPORT CHARGES		2.98
TOTAL	END OFFICE CHARGES		8.89
TOTAL	CARRIER COMMON LINE ACCESS CHARGES		0.00
TOTAL	MISCELLANEOUS CHARGES		0.00
TOTAL	337 MISCELLANEOUS CHARGES		0.00
TOTAL	LOCAL INTERCONNECTION CHARGES		0.00
TOTAL	USAGE CHARGES		. 11.87
	INTRASTATE		
TOTAL	LOCAL TRANSPORT CHARGES		0.04
TOTAL	END OFFICE CHARGES		0.08
TOTAL	CARRIER COMMON LINE ACCESS CHARGES		0.00
TOTAL	MISCELLANEOUS CHARGES		0.00
TOTAL	337 MISCELLANEOUS CHARGES		0.00
TOTAL	LOCAL INTERCONNECTION CHARGES		0.00
TOTAL	USAGE CHARGES		. 0.12
	LOCAL		
TOTAL	LOCAL TRANSPORT CHARGES		2.96
TOTAL	END OFFICE CHARGES		8.79
TOTAL	CARRIER COMMON LINE ACCESS CHARGES		0.00
TOTAL	MISCELLANEOUS CHARGES		0.00
	337 MISCELLANEOUS CHARGES		0.00
TOTAL	LOCAL INTERCONNECTION CHARGES		0.00
m o m 1 v	Welch awaren		XX 00
TOTAL	USAGE CHARGES		. 11.75
	TOTAL		
TOTAL	LOCAL TRANSPORT CHARGES		5.98
TOTAL	END OFFICE CHARGES		17.76
TOTAL	CARRIER COMMON LINE ACCESS CHARGES		0.00
	MISCELLANEOUS CHARGES		0.00
	337 MISCELLANEOUS CHARGES		0.00
TOTAL	LOCAL INTERCONNECTION CHARGES		0.00
mam:-	Welch Avinche		20.54
TOTAL	USAGE CHARGES		. 23.74

		PAGE 932
	* * * SUMMARY OF USAGE CHARGES * * *	
TE NNES SEE	- 5185	
	INTERSTATE	
TOTAL LOC	AL TRANSPORT CHARGES	511.45
,-	OFFICE CHARGES	1,063.93
	RIER COMMON LINE ACCESS CHARGES	577.28
	CELLANEOUS CHARGES	591.14
	MISCELLAMEOUS CHARGES	0.00
TOTAL LOC	AL INTERCONNECTION CHARGES	0.00
TOTAL USA	FE CHARGES	2,743.80
	INTRASTATE	
TOTAL LOC	AL TRANSPORT CHARGES	268.87
TOTAL END	OFFICE CHARGES	2,115.95
TOTAL CAR	RIER COMMON LIME ACCESS CHARGES	308.30
TOTAL MIS	CELLANEOUS CHARGES	103.34
TOTAL 337	MISCELLANEOUS CHARGES	0.00
TOTAL LOC.	AL INTERCONNECTION CHARGES	0.00
TOTAL USA	GE CHARGES	. 2,796.46
	LOCAL	
TOTAL LOCA	AL TRANSPORT CHARGES	18,959.38
TOTAL END	OFFICE CHARGES	178,721.36
TOTAL CAR	RIER COMMON LINE ACCESS CHARGES	0.00
TOTAL MIS	CELLANEOUS CHARGES	8,882.98
	MISCELLANEOUS CHARGES	0.00
TOTAL LOC	AL INTERCONNECTION CHARGES	0.00
TOTAL USA	GE CHARGES	206,563.72
	TOTAL	
TOTAL LOC.	AL TRAMSPORT CHARGES	19,739.70
	OFFICE CHARGES	181,901.24
	RIER COMMON LINE ACCESS CHARGES	885.58
	CELLANEOUS CHARGES	9,577.46
TOTAL 337	MISCELLANEOUS CHARGES	0.00
TOTAL LOC	AL INTERCONNECTION CHARGES	0.00
	FE CHARGES	212,103.98

**Summary of Usage Charges for All States** 

This section shows a complete summary of usage charges for all states and for all end offices in which an Access or Local Interconnection customer has ordered the service.

	BILL NO INVOICE NO BILL DATE ACNA XXX	30 TIMMMUM - 000 35
* * * SUMMARY OF USAG	E CHARGES * * *	
TOTAL - ALL STATES/ECS		
TOTAL		
TOTAL LOCAL TRANSPORT CHARGES		19,745.68
TOTAL END OFFICE CHARGES		181,919.00
TOTAL CARRIER COMMON LINE ACCESS CHARGES		885.58
TOTAL MISCELLANEOUS CHARGES		9,577.46
TOTAL 337 MISCELLANEOUS CHARGES		0.00
TOTAL LOCAL INTERCONNECTION CHARGES		0.00
TOTAL USAGE CHARGES		. 212,127.72

# Bill Index

This section is an index of the bill by page number, section and end office.

Description   Page   Reference no   Page   Reference no				BILL NO 615 301-MMNN NMN INVOICE NO 301MMNNMN-00092 BILL DATE APR 01,2000 ACNA XXX LAST PAGE 934
S LATE PAY CHGS	PAGE	REFERENCE NO	PAGE	REFERENCE NO PAGE REFERENCE NO
OC-AND-C PAGE   528 MSULTMICDSO   8 ACHLIBRITSO   539 MSULTMICDSO   8 ACHLIBRITSO   539 MSULTMICDSO   539 MSULTMICDSO   539 MSULTMICDSO   530 MSULTMICOMO	1	BILL FACE PAGE	503	nsultnehrss
8 ACHL THRITES				
16 ASCYTHMADS0 548 NSULTHRIDS1 27 BLNCTHRITSS 557 NSULTHRIDS3 35 CRELTHRIDS0 571 NSULTHRIDS3 44 CLMATUMADS0 579 NSULTHRIDS0 55 CLVLTHRABS0 579 NSULTHWDDS0 66 CMCYTHRIRSS 610 NSULTHWDDS0 74 CHMITHMARS 621 NSULTHWDDS0 74 CHMITHMARS0 637 NSULTHWDDS0 102 CRPLTHMARS0 637 NSULTHWDDS0 102 CRPLTHMARS0 637 NSULTHRIDS0 103 DESHINHIDS0 658 NSURTHDG CMD 111 CRITHHARSS 649 NSULTHRIDS0 125 CULLTHMARSS 649 NSULTHRIDS0 130 DESHINHIDS0 658 NSURTHDG CMD 140 DOURTHRIRSS 661 NSURTHDG CMD 151 EAULTHMARSS 667 NSURTHDG CMD 152 EAULTHMARSS 667 NSURTHDG CMD 154 DEUTHHARSS 667 NSURTHDG CMD 155 LAULTHMARSS 710 PLHYTHMARSS 191 FIGHTHMARSS 710 PLHYTHMARSS 192 FERNITHMARSS 710 PLHYTHMARSS 193 FERNITHMARSS 710 PLHYTHMARSS 194 FERNITHMARSS 710 PLHYTHMARSS 195 FERNITHMARSS 710 PLHYTHMARSS 196 GURTTHMARSS 710 PLHYTHMARSS 197 FERNITHMARSS 711 SUMTHMITSS 198 GUULTHMARSS 712 SUMTHMITSS 199 GUULTHMARSS 713 SUMTHMINDSO 191 LIULTHMARSS 714 PIEGTHMARSS 192 GUULTHMARSS 715 SUMTHMINDSO 192 GURTTHMARSS 716 SUMTHMINDSO 193 SUMULTHMADSO 719 SUMLTHMADSO 194 HINDITHMARSS 719 SUMTHMINDSO 195 HUULTHMARSS 719 SUMTHMINDSO 196 HINDITHMARSS 710 SUMTHMINDSO 197 LEHRITHMARSS 711 SUMTHMARSS 198 HINDITHMARSS 712 SUMTHMARSS 199 HINDITHMARSS 713 SUMTHMARSS 199 LUBGTHMADSO 714 LITHMARSS 199 LUBGTHMADSO 715 SUMTHMARSS 199 SUMLTHMARSS 710 SUMLTHMARSS 199 HINDITHMARSS 711 SUMTHMARSS 199 LUBGTHMADSO 711 LIHTMARSS 199 LUBGTHMARSS 711 LIHTMARSS 199 LUBGTHMARSS 711 LIHTMARSS 199 LUBGTHMADSO 711 LIHTMARSS 199 LUBGTHMARSS 711 LIHTMARSS 199 LUBGTHMARSS 711 LUBGTHMARSS 711 LIHTMARSS 199 LUBGTHMARSS 711 LIHTMARSS 199 LUBGTHMARSS 711 LIHTMARSS 199 LUBGTHMARSS 711 LIHTMARSS 199 LUBGTHMARSS 711 LUBGTHMARSS 711 LIHTMARSS 199 LUBGTHMARSS 711 LUBGTHMARS				
27 ELNCTHRITSS				
STAIL THRITDSO				
44 CLMATHMADSO 597 NSULTHSTDSO 55 CLVLIMMADSO 599 NSULTHWIDSO 66 CHCYTNETES 5010 NSULTHWIDSO 74 CHMITHMARS 621 NSULTHWIDSO 88 CHULTHMARSO 634 NSULTHWIDSO 102 CEPLIMMARSO 634 NSULTHWIDSO 111 CRITHINHARS 649 NSULTHWIDSO 1125 CULKIMMARS 649 NSULTHEQUAL 1125 CULKIMMARS 649 NSULTHED CHO 124 DOWRINHIRS 641 NSUMTHED CHO 125 CULKIMMARS 665 NSUMTHED CHO 126 FILLTHCCRS 666 NGCUKYESDSO 120 FILLTHMADSO 696 OUNCIMMARS 5 121 FLULTHMARS 710 PLENTHMARS 5 122 FAULTHMADSO 710 PLENTHMARS 5 123 FYWLIMMADSO 749 PTLOTHMARS 5 124 FYWLIMMADSO 749 PTLOTHMARS 5 125 GALLIMMADSO 749 PTLOTHMARS 5 126 GHERLHMARS 711 SEUNTHHUDSO 127 GERTHMARS 712 SEUNTHHUDSO 128 FYWLIMMADSO 749 PTLOTHMARS 5 129 GOULTHMARS 711 SEUNTHHUDSO 120 GHERLHMARS 721 SEUNTHHUDSO 121 FUNDITHMARS 722 SHULTHMADSO 122 HERSTHMARS 723 SHYRTHMADSO 123 LYBSTHMARS 724 SHUTTHMARS 725 SHULTHMADSO 124 LEBGTHMADSO 821 STUTTHMARS 726 HURLTHMADSO 125 LEBGTHMADSO 822 SPILTHMIRSO 126 LEUGTHMARS 812 SPIDTHMADSO 127 LEGTHMADSO 821 TRITTHMARS 821 LYLSTHMARS 822 SPILTHMIRSO 128 FUNDITHMARS 832 SPILTHMIRSO 129 HULTHMARS 834 LWESTHMARS 835 WIRLTHMARS 836 WIRLTHMARS 836 WIRLTHMARS 836 WIRLTHMARS 836 WIRLTHMARS 837 WIRLTHMARS 837 WIRLTHMARS 837 WIRLTHMARS 837 WIRLTHMARS 839 WIRLTHMARS				
SS   CLULTHMADSO   S99   NSULTHUNDSO				
66 CHCYTNHTRSS 610 NSULTHWODSO 74 CHMMINHARSS 621 NSULTHWIDSO 88 CHLITMARSO 634 NSULTHWIDSO 102 CRPLITHARSO 637 NSULTHWIDSO 111 CRITHARSS 634 NSULTHWIDSO 112 CHLITMARSS 649 NSULTHSCHILL 125 CULKIMARSS 649 NSULTHSCHILL 132 DKSNITHTDSO 655 NSUMINDBCHO 144 DOURTHRIBSS 661 NSUMINDBCHO 145 DEALTHMARSS 661 NSUMINDBCHO 146 FKLNITHCRSS 661 NSUMINDBCHO 146 FKLNITHRABSS 667 OKGUKYESDSO 180 FKLNITHRABSS 766 OLCHITMARSS 191 FLUITHMARSS 710 PLMYTHMARSS 192 FRONTHRIBSS 712 PSUMINTRSS 193 FRONTHRASS 713 PLSKITHABSO 204 FRUITHMARSS 714 PIEGITHARSS 215 FVALTHMABSO 749 PILDITHARSS 226 GALLITHABSO 749 PILDITHARSS 227 GOULTHMARSS 771 SEUNTHHUDSO 228 GAULTHMARSS 772 SEUNTHHUDSO 229 GOULTHMARSS 773 SEUNTHHABSS 230 GERTHMARSS 774 SEUNTHHUDSO 240 HUNUTHMARSS 775 SEUNTHMARSS 251 HVALTHMABSO 779 SHULTHHABSO 261 HUNUTHMARSS 782 SHIVETHABSS 271 HUPSTHMARSS 783 SHIVETHABSS 283 HULLTHMABSO 804 SHIFTHMARSS 294 HULLTHMARSS 812 SPIDITHABSO 205 LEEGTHMADSO 822 SPILLTHRIBSO 206 LEEGTHMADSO 824 TRINITHARSS 207 LUBGTHMADSO 824 TRINITHARSS 208 HUNUTHMARSS 810 WELTHMIDSO 207 LUBGTHMADSO 842 TRINITHARSS 208 HURSTHMARSS 810 WELTHMIDSO 208 HURSTHMARSS 811 WILLTHMARSS 209 HURSTHMARSS 812 WEITHMARSS 200 HURSTHMARSS 813 WELTHMIDSO 201 LYLSTHMARSS 814 WELTHMIDSO 202 LYLGTHMARSS 815 WEITHMARSS 203 SWELTHMIDSO 204 HUNITHMARSS 816 WENTHMARSS 205 MERCHMARSS 917 WURLTHMARSS 206 MERCHMARSS 917 WURLTHMARSS 207 HURSTHMARSS 917 WURLTHMARSS 208 MERCHMARSS 917 WURLTHMARSS 209 MERCHMARSS 917 WURLTHMARSS 201 SYLLTHBUSSO 201 SYLLTHBUSSO 202 SYLLTHBUSSO 203 SYLLTHBUSS 204 NSULTHBUSSO 205 WERTHMARSS 206 MERCHMARSS 207 NSULTHBUSSO 208 MSULTHMARSS 209 MURLTHMARSS 209 MURLTHMARSS 209 MURLTHMARSS 201 NSULTHBUSSO 201 NSULTHMARSS 202 NSULTHCHSS 203 NSULTHMARSS 204 NSULTHMARSS 205 WERTHMARSS 206 MERCHMARSS 207 NSULTHMARSS 208 WERTHMARSS 209 MURLTHMARSS 209 MU				
102   CRPL THMARSO				
102   CRPLTHMARSS	74	CNHMTNMARS5	621	NSULTHUMDS0
111	88	CNULTHMARSO	634	nsultnum92T
125 CULKTHMARS5	102	CRPLTMMAR30	637	NSVLTN29CM1
133 DKSNTNMTDSO	111	CRTHTMMARS5	643	NSULTN32CM1
144 DOURTHMESS				
152 EAULTHMARSS 667 NSUMTNEHCHO 166 FILINTHCCRSS 676 OKGUKYESDSO 180 FILINTHADSO 696 OLHCTHMARSS 191 FLULTHMARSS 710 PLMYTMMARSS 199 FRONTHMARSS 710 PLMYTMMARSS 207 FRUWINTERS 727 PSUWITMERSO 218 FYULTHMADSO 741 PTEGTHMARSO 228 GALLTHMADSO 749 PTLOTHMARSS 239 GOULTHMARSO 769 SANGTHMERSS 250 CHERTHMARSS 771 SEUNTHMADSO 251 CHERTHMARSS 771 SEUNTHMADSO 252 CHUNTHMARSS 771 SEUNTHMADSO 253 HUNUTHMARSS 779 SHULTHMADSO 254 HUNUTHMARSS 779 SHULTHMADSO 255 HUNUTHMARSS 779 SHUTHMARSS 277 HAPSTHMARSS 779 SHYRTHMADSO 285 HULDTHMADSO 804 SHIFTHMARSS 293 HULUTHMARSS 812 SPFOTHMADSO 304 LENGTHMADSO 831 TLLHTHMARSS 305 LENGTHMADSO 832 SPHLIMIT RSO 316 LERGTHMADSO 832 SPHLIMIT RSO 316 LERGTHMADSO 842 TRINTHMARSS 303 LYBGTHMERS 850 UMLETHMARSS 3047 LYLSTHMARSS 867 UMHSTHMARSO 365 HUNUTHMARSS 867 UMHSTHMARSO 366 HUNUTHMARSS 867 UMHSTHMARSO 367 MINCHTHMARSS 867 UMHSTHMARSO 368 MINPLIMMARSS 990 UNITHTHMARSS 369 MINCHTHMARSS 991 UMCTIMMARSS 360 MISULTHADSO 361 MISULTHADSO 363 MISULTHADSO 364 MISULTHADSO 365 MISULTHADSO 366 MISULTHADSO 367 MINCHTHMARSS 991 UMPLIMMERSS 368 MINPLIMMARSS 991 UMPLIMMERSS 369 MISULTHADSO 369 MISULTHADSO 369 MISULTHADSO 369 MISULTHADSO 369 MISULTHADSO 369 MISULTHADSO 360 MISULTHADSO 361 MISULTHADSO 362 MISULTHADSO 363 MISULTHADSO 364 MISULTHADSO 365 MISULTHADSO 366 MISULTHADSO 367 MISULTHADSO 368 MISULTHADSO 369 MISULTHADSO 360 MISULTHADSO 360 MISULTHADSO 361 MISULTHADSO 363 MISULTHADSO 364 MISULTHADSO 365 MISULTHADSO 365 MISULTHADSO 366 MISULTHADSO 367 MISULTHADSO 368 MISULTHADSO 369 MISULTHADSO 360 MISULTHADSO 360 MISULTHADSO 361 MISULTHADSO 362 MISULTHADSO 363 MISULTHADSO 364 MISULTHADSO				
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277       HMPSTHMARSS       793       SMYRTHMADSO         285       HMLDTHMADSO       804       SMTFTHMARSS         293       HTVLTHMARSS       812       SPFDTHMADSO         307       LEBNTHMADSO       823       SPHLTHMTRSO         316       LREGTHMADSO       831       TLLHTHMARSS         327       LWBGTHMTRSO       842       TRINTHMARSS         333       LYGTHMARSO       858       WHELTHMIDSO         361       LYULTHMARSS       867       WHHSTHMARSO         369       MCWITHHARSS       881       WLPTTHMARSO         370       MINCHTHMARSS       889       WICHTHMARSS         396       MRBOTHMADSO       889       WICHTHMARSS         396       MREGOTHMADSO       903       WITWINHARSS         409       NSULTNAARSS       917       WURLTHMITRSS         423       NSULTNAARSS       917       WURLTHMITRSS         424       NSULTNBWDSO       449       NSULTNBWDSO         458       NSULTNCHDSS       469       NSULTNCHDSS	258	HDVLTMMAD30	779	SHULTHMADSO
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293				
Second				
316   LREGTHMADSO				
327       LUBGTHMADSO       842       TRINTHMARSS         333       LYBGTHMTRSO       850       UNLRTHMARSS         347       LYULTHMARSS       858       UMBLTHMTDSO         369       HCWITHMTRSS       881       ULPTTHMARSO         377       MINCHTHMADSO       889       UNCHTHMADSO         388       MINPLTHMARSS       895       URTRINHTRSS         396       MRBOTHMADSO       903       UTTWINHARSS         409       NSULTHAAPDSO       917       UVRLTHMTRSS         423       NSULTHABUDSO       434       NSULTHBUDSO         458       NSULTHDUSS       469       NSULTHCDRSS         477       NSULTHCHDSO				
333 LYBGTMMTRS0 850 UNLRTMMARS5 347 LYLSTMMARS0 858 WHBLTMMTDS0 361 LYULTMMARS5 867 WHMSTMMARS0 369 MCWNTMMTRS5 881 WLPTTMMARS0 377 MNCHTMMADS0 889 WNCHTMMADS0 388 MMPLTMMARS5 895 WRTRTMMTRS5 396 MRBOTMMADS0 903 WTTWTMMARS5 409 NSULTMARSS 917 WURLTMMTRS5 423 NSULTMAPDS0 434 NSULTMBWDS0 458 NSULTMBWDS0 459 NSULTMBWDS0 469 NSULTMCDRS5 477 NSULTMCDRS5				
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434 NSULTMENRSS 447 NSULTMEUDSO 458 NSULTMEUDSO 469 NSULTMCDRSS 477 NSULTMCDRSO			917	WARLTHMT R35
447 NSVLTMBVDS0 458 NSVLTMBWDS0 469 NSVLTMCDRS5 477 NSVLTMCHDS0				
458 NSULTNEWDSO 469 NSULTNCDRSS 477 NSULTNCHDSO				
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	430	NOOF INDODO		

### **Customer Service Record (General Sections)**

A Customer Service Record (CSR) is part of a CABS account that contains the customer account information and services and features an Access or Local Interconnection customer has ordered. CSR information is derived from the Service Order that the customer has submitted.

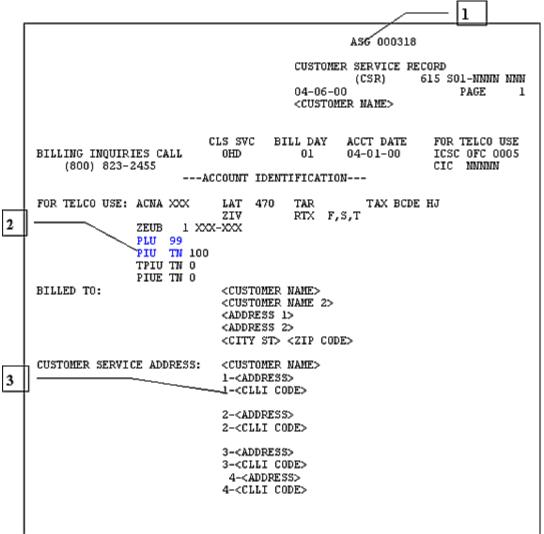
The CSR has information that describes the type of interconnection arrangement the customer has ordered. The information on the CSR is critical to billing.

The CSR shown below contain sections common to all account types, however the details of the CSR will vary depending on the account type.

- Introductory Section
- Main Section
- Tax Section
- Location Inventory
- English Language Glossary

#### **CSR - Introductory Section**

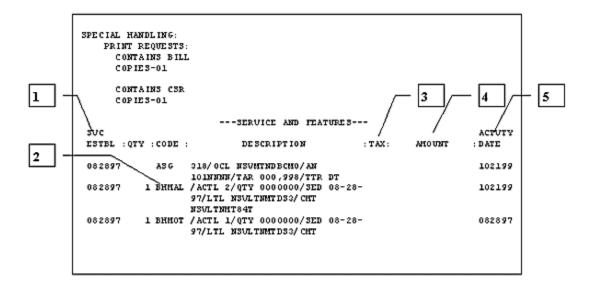
This section contains the following introductory information for the CSR:



- ASG Access Service Group is a code associated with an end office contained on this page.
- Factors This is the summary of factors used to calculate the charges contained in the CSR. For further information, refer to Appendix B Billing Factors.
- CLLI Code This code represents the location that the customer connects to AT&T.

CSR –Main Section

This is the main section of the CSR. It contains a summary of the services ordered by the customer for the billing cycle. The following are some of the unique features of this section:



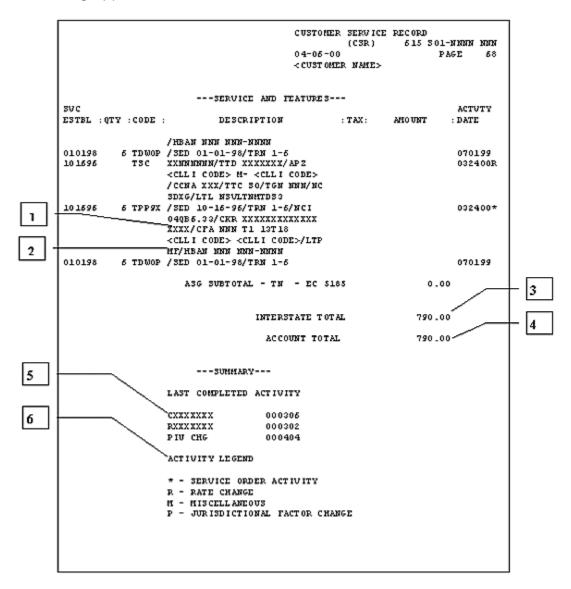
- 1. **SVC ESTBL** This column shows the date the service was ordered by the customer month, day, and last two digits of the year.
- 2. **USOC Code** This column shows the Universal Service Order Code(USOC) and the corresponding quantity and technical service description. An English Language Translation table for the USOC is available at the back of the CSR.
- 3. **Tax -** This column shows the tax code that applies to this particular service. The codes are further defined in the Tax Legend found at the end of the CSR.
- 4. **Amount** This column shows the amount of any recurring charges associated with the service.
- 5. **Activity Date** This date reflects the last activity performed on this feature. An "Alpha" or special character following the code represents additional activity. See the activity legend for further explanation.

This is the second page of the main CSR section. One of the unique features to this page is:

			et 04	JSTOMER SERVI	615 301-NMMN NMM PAGE 2
	SVC ESTBL : 0	TY : CODE :	SERVICE AND FEAT		ACTUTY AMOUNT : DATE
			MSULTEMT84T /ACTL 2/QTY 0000000/SED 97/LTL MSULTEMTD39/CMT		102199
1	08 2897	1 BHMTT	HSULTHMT84T /ACTL 1/QTY 0000000/SED 97/LTL HSULTHMTD33/CMT HSULTHMT84T	08-28-	082897
			ASG SUBTOTAL - IN -	EC 5185	0.00
	052896	A3 G	921/OCL ACHLTHMTRSO/AM 101MNMM/TAR 000,998/TTR	DТ	102199
	052895	1 BHMAL	/ACTL 2/QTY 0000000/SED 96/LTL MSULTMHTDS3/CHT		102199
	082897	1 BHMLT	BSULTRMT84T, HDULTBMADS /ACTL 1/QTY 000 0000 / SED 97/LTL NSULTRMTD33/CMT NSULTRWM92T, HDULTBMADS	08-28-	082897
	052895	1 BHMLT	/ACTL 1/QTY 0000000/SED 96/LTL MSVLTMHTDS3/CMT MSVLTMHT84T, HDVLTMMADS(	05-28-	021797
	082897	1 BHMT3	(A) BHALLT /ACTL 2/QTY 0000000/SED 97/LTL NSULTNHTDS3/CMT MSULTNUM92T, HDULTNMADS		102199
			ASG SUBTOTAL - TN -		0.00
	052896	A3 G	324/OCL ASCYTHMADSO/AM 101MMM/TAR 000,998/TTR	ст	102199
	082897	1 BHMAL	/ACTL 2/QTY 00000000/SED 97/LTL MSVLTMMTDS3/CMT MSVLTWWM92T		102199
	082797	1 BHMLT	/ACTL 1/QTY 0000000/SED 97/LTL MSULTHMTDS3/CMT MSULTHMT84T	08-27-	082797
	082897	1 BHMLT	/ACTL 1/QTY 0000000/SED 97/LTL NSVLTMNTDS3/CMT NSVLTNWM92T	08-28-	082897
	082897		/ACTL 1/QTY 00000000/SED 97/LTL MSULTMHTDS9/CMT	08-28-	031998
	08 2797	1 BHMTS	HSVLTHMT84T /ACTL 2/QTY 00000000/SED 97/LTL HSVLTHMTD33/CMT HSVLTHMT84T	08-27-	102199

1. **ASG Subtotal** - This is the subtotal for the ASG.

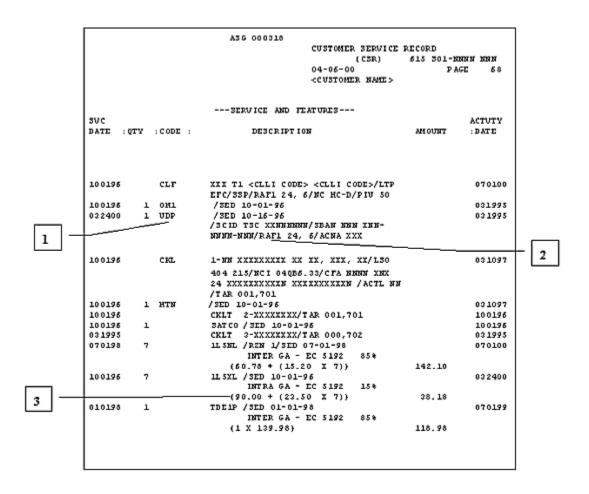
The following appears towards the end of the CSR main section:



- 1. **CFA** This is the connecting facility arrangement. This represents the higher level circuit ID to be adjusted by ratcheting.
- 2. **HBAN** This is the HICAP account number. It is required when CFA does not reside on main account. Further detail is shown in the following screen print.
- 3. Interstate Total Total of the account by jurisdiction
- 4. Account Total Grand total of the account.

- 5. **Service Order Number** This is a system generated, up to 12 characters, alphanumeric indicator that appears on the first line of the group of OC&Cs associated with a service order.
- 6. **Activity Legend** This legend provides further detail associated with the activity date column in order to distinguish special activity types.

The following is another example of the main section contained in the CSR. This shows the impact of ratcheting. For further information, refer to **Appendix A – Billing Concepts.** Unique features of this section include:



- UDP This code represents an up/down pair and is unique to ratcheting.
- 2. **RAF1** This is a factor unique to ratcheting.
- 3. **Ratcheting Calculation** This calculation reflects the ratcheting factors applied.

**Note:** For further information regarding these factors and calculation, refer to **Appendix B – Billing Factors**.

#### CSR - Tax Section

The following section shows the types of possible taxes and the associated codes. If exemption code appears on Introductory Section of CSR, this indicates exemption status for particular tax. For further information, refer to **Appendix C – Tax Overview.** 

	cv	STOMER SERVICE		
		(CSR)	615 301-NNN	и иии
	04	-06-00	PAGE	69
	< 01	JSTOMER NAME>		
TAX LEGEND				
	APPLICABLE	EXEMPT		
TYPE	CODE	CODE		
FEDERAL	1	В		
STATE	2	c		
CITY	3	D		
COUNTY	4	E		
STATE SALES	5	J		
LOCAL SALES	6	H		
FRANCHISE	8	F		
GROSS RECEIPT	. 9	K		

### **CSR – English Language Glossary Section**

This section shows the acronyms used throughout the CSR and the corresponding description. For product specific info, please refer to the LEO Implementation Guide at:

http://www.wholesale.att.com/reference\_library/guides/index.html.

CUSTOMER SERVICE RECORD (CSR) 615 301-NNNN NNN 04-05-00 PAGE <CUSTOMER NAME>

#### ---SUMMARY---

#### ENGLISH LANGUAGE GLOSSARY

TYPE OF SWITCH TSW

TTC TRANSPORT TERMINATION CAPABILITY

TTD TRUNK TYPE DESCRIPTION

TTR TAMBEM TRANSPORT

BHMAL SWITCHED-BUSY HOUR MINUTES OF CAPACITY

BHMAM SWITCHED - BUSY HOUR MINUTES OF CAPACITY

BHMDC SWITCHED-BHM DA CALL COMPLETION

PROVISIONING ONLY

BHME9 SWITCHED-BHM E911 GROUP,

PROVISIONING ONLY

BHMLT SWITCHED-BHM ATC GROUP, PROVISIONING ONLY

BHMOP SWITCHED-BUSY HOUR MINUTES OF CAPACITY

OPERATOR

BHMOT SWITCHED-BUSY HOUR MINUTES OF CAPACITY

ORIGINATING TRAFFIC

BHMTS SWITCHED-BHM CMC, PROVISIONING ONLY

BHHTT SWITCHED-BUSY HOUR MINUTES OF CAPACITY

TERM INAT ING TRAFFIC

BHMUR SWITCHED-BHM VERIFICATION,

PROVISIONING ONLY

STUSS CCS7 SIGNALING USAGE (1) SURROGATE

PER 56 KBPS FACILITY

TDEOP SWITCHED ACCESS TRANSPORT SERVICE, DEDICATED END OFFICE TRUNK PORT SUC,

PER DEDICATED DSO/VG TRUNK PORT REQUIRED

TOWOP SWITCHED ACCESS TRANSPORT SVC, DEDICATED

TANDEM TRUNK PORT SUC, PER DEDICATED DSO/

DSO/UG TRUNK PORT REQUIRED

TPP6X SWITCHED-TRANSMISSION PATH- BELLSOUTH SWA DS1

LEVEL PATH WITH BIT STREAM SIGNALING

TPP9X SWITCHED-TRANSMISSION PATH-DS3 LEVEL PATH

WITH BIT STREAM SIGNALING

IDISW SPECIAL - HI CAP

OPT. FEATURES & FUNCTIONS-C.O. CHANNEL

END OF RECORD

# **CSR** – Location Inventory

The following section of the CSR shows the page numbers of the CSR where the ASG and OCL appear within the bill.

		(CSR) 04-06-00 <customer name=""></customer>	SERVICE RECORD 615 SOI-MMNN MNN PAGE 70
	- Summary		
LOCATIO	N INVENTORY		
OCL	ASG	PAGE	
ACHL THIT	rR30 000321	2	
ASCYTMM	ADSO 000324	2	
BLUCTME			
CHRL THE		3	
CLMATNM			
CLVL TMM.		_	
CHCYTME		_	
CHRITMI		_	
CIVIL TIME.		_	
CRPLTM			
CRTHTMM			
CULKTM		-	
DKSNTMT			
DOVRTMY			
EAULTIM.		·	
FKLNTNC			
FKLHTHM		-	
FLUL THM.			
FRONTING FROWTHM			
FYVL THE		_	
GALLIM		_	
GDUL TIM			
GNBRIM			
HDUL TIM			
нништии			
ниратии			
HULDIM			
HTUL TIM			
LBNNTM			
LRBGTMI			
LWBGTMM			
LYBGTMT			
LYLSTMM			
LYULTMM			
MCWNTNM			
MNCHTNM			
MMPLTMM	ARSS 000401	16	
MRBOTHM			
MT JL THX.			
nsul tha			
nsul that	PD30 000410	18	