

ORIGINAL

Legal Department

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RECEIVED-FPSC  
02 AUG -5 PM 4:40  
COMMISSION  
CLERK

August 5, 2002

Mrs. Blanca S. Bayó  
Director, Division of Records and Reporting  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0850

**Re: Docket No. 001503-TP (Number Pooling Trials)**

Dear Ms. Bayó:

Enclosed is an original and fifteen copies of BellSouth Telecommunications, Inc.'s Petition for Cost Recovery, which we ask that you file in the above-referenced matter.

A copy of this letter is enclosed. Please mark it to indicate that the original was filed and return the copy to me. Copies have been served to the parties shown on the attached Certificate of Service.

Sincerely,

  
James Meza III  
(att)

cc: All Parties of Record  
Marshall M. Criser III  
Nancy B. White  
R. Douglas Lackey

AUS \_\_\_\_\_  
CAF \_\_\_\_\_  
CMP \_\_\_\_\_  
COM \_\_\_\_\_  
CTR \_\_\_\_\_  
ECR \_\_\_\_\_  
GCL \_\_\_\_\_  
OPC \_\_\_\_\_  
MMS \_\_\_\_\_  
SEC     
OTH \_\_\_\_\_

RECEIVED & FILED  
  
FPSC BUREAU OF RECORDS

DOCUMENT NUMBER-DATE  
08199 AUG-5 02  
FPSC-COMMISSION CLERK

**CERTIFICATE OF SERVICE**  
**Docket No. 001503-TP**

I HEREBY CERTIFY that a true and correct copy of the foregoing was served via

**(\*) Hand Delivery and Federal Express this 5th day of August, 2002 to the following:**

Patricia Christensen  
Staff Counsel  
Florida Public Service  
Commission  
Division of Legal Services  
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James Meza III (28)

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

In re: Cost Recovery and Allocation of Issues for Number Pooling Trials in Florida ) Docket No. 001503-TP  
 )  
 )  
 )  
 ) Filed: August 5, 2002

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**BELLSOUTH TELECOMMUNICATIONS, INC.'S**  
**PETITION FOR COST RECOVERY**

Pursuant to Rule 28-106.201, Florida Administrative Code, and Order of the Florida Public Service Commission, Order No. PSC-02-0466-PAA-TP issued April 5, 2002, BellSouth Telecommunications, Inc. ("BellSouth") files this Petition for Cost Recovery and states:

1. BellSouth Telecommunications, Inc. is an incumbent local exchange carrier ("ILEC"), lawfully doing business in the State of Florida.
2. On April 5, 2002, the The Florida Public Service Commission issued an Order, Order No. PSC-02-0466-PAA-TP, which authorizes carriers to file petitions with the Commission detailing the means by which the carrier can recover the costs associated with thousand block number pooling. In this Petition, BellSouth seeks to recover its carrier-specific costs as provided in the FPSC Order No. PSC-02-0466-TP.
3. BellSouth has participated in the number pooling trials on both a federal and state level, and has incurred costs associated with number pooling in Florida.
4. On April 26, 2002, BellSouth submitted to the FCC Transmittal No. 629, which contained BellSouth's cost study to support its proposal for cost recovery at the national level. This cost methodology was approved by the FCC on June 7, 2002.
5. BellSouth has employed the same methodology used in the FCC filing in preparing its cost recovery study for the pooling trials in Florida.

6. BellSouth's substantial interests will be affected by the Commission's action on this Petition because such decision will affect whether and how BellSouth will be allowed to recover carrier-specific costs associated with state thousands block pooling trials.

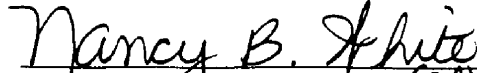
7. Specifically, BellSouth proposes to recover its carrier-specific costs under the methodology currently authorized and approved for recovering LNP costs. In accordance with the FPSC's Order of April 5, 2002, BellSouth will file a tariff upon approval of the cost recovery mechanism by this Commission. BellSouth's cost analysis and supporting documentation is attached to this Petition as Exhibit "A" and incorporated herein by reference.

8. As evidenced by the attached documentation, pooling results in a net cost increase, rather than a cost reduction. Further, the costs included in the attached calculation are direct and proximate results of the provision of thousands –block number pooling. In addition, BellSouth submits that the costs included in the calculation are “new” costs and are Florida-specific costs not related to national number pooling.

WHEREFORE, BellSouth respectfully requests that the Commission grant this petition and authorize recovery of BellSouth's carrier-specific costs pursuant to the methodology described herein, and to prescribe a reasonable time after approval for filing the necessary tariff(s).

Respectfully submitted, this 5<sup>th</sup> day of August, 2002.

BELLSOUTH TELECOMMUNICATIONS, INC.

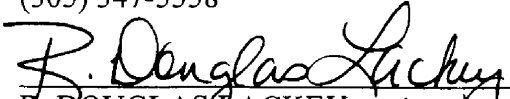
  
\_\_\_\_\_  
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c/o Nancy Sims

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\_\_\_\_\_  
R. DOUGLAS LACKEY (2)

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457562

BellSouth Telecommunications, Inc.

FPSC Dkt No. 001503-TP

Citizen's 1st Request for Production of Documents

May 29, 2002

Item No. 1

Page 1 of 1

REQUEST: Please provide all cost studies in your possession, custody or control related to state mandated pooling trials in Florida, and please provide all workpapers, memoranda, letters, e-mail, and other documents in your possession, custody or control related to each such cost study. This request includes, but is not limited to, all cost studies and tariffs you have filed or intend to file in response to Florida Public Service Commission order no. PSC-02-0466-PAA-TP issued April 5, 2002.

RESPONSE: See enclosed CDs for cost study and supporting documentation. This information is proprietary and is being provided subject to the provisions of the nondisclosure agreement executed by Citizen's.

RESPONSE PROVIDED BY: Reginald Starks  
Director  
675 West Peachtree Street  
Atlanta, Georgia 30375

REQUEST: Please provide each document in your possession, custody or control related to your tariff proposal transmittal no. 629 filed at the FCC. This request includes, but is not limited to, all cost studies and work papers underlying or related to the tariff proposal, as well as all memoranda, e-mail, letters and other documents in your possession, custody or control concerning the proposal, the reaction from officials or staff at the FCC, or the reaction from other entities.

RESPONSE: See enclosed CD provide in response to Item No. 1. This information is proprietary and is being provided subject to the provisions of the nondisclosure agreement executed by Citizen's.

RESPONSE PROVIDED BY: Reginald Starks  
Director  
675 West Peachtree Street  
Atlanta, Georgia 30375



**PUBLIC**

## **COST DEVELOPMENT**

### **Introduction and Overview**

The purpose of this cost study is to identify the costs associated with implementing Thousands Block Number Pooling (TNP) in Florida. Florida requested and received approval to conduct Number Pooling trials in advance of a national implementation schedule.

The major assumptions associated with the state study are:

- 1) Costs are associated with the following state ordered Number Plan Area (NPA) Number Pooling:
  - NPAs 954, 561, 904 & 305;
- 2) Costs included in this study were not included in the regional study;
- 3) Cost categories included consist of: Network Capital and Expenses (switch generic advancement & switch pooling feature software), Employee Related (switch translations, Network contract salaries & Block Administration Center salaries) and Number Portability Administration Center (NeuStar) Expenses.

The cost methodology used in this study is the total direct long run incremental costs plus a reasonable allocation of shared and common costs. The study recovers the costs incurred during the periods indicated below:

- 2000, 2001 and 2002

Present Value (PV) calculations are based on an 11.25% rate, which has been used in other FCC filings; such as BellSouth's Telephone Number Portability revised tariff filed dated June 11, 1999. Excel spreadsheets are used for all calculations.

Actual costs, based on TNP tracking reports, vendor agreements, and expense vouchers, are used for all years. The TNP cost components in this study are separately identified as capital and expense. These cost components are categorized as: 1) Network-related capital and expenses, 2) Miscellaneous Employee related expenses, and 3) Number Portability Administration Center (NPAC) expenses. Labor costs were calculated by multiplying work time in hours by the appropriate BellSouth regional directly assigned labor rate for the year the work was performed.

As stated earlier, this study contains the direct costs of implementing TNP. Thus, these costs would not have been incurred except for the implementation of TNP. Forward-looking, incremental account specific shared and common overhead costs are also considered. The account specific overhead costs are costs incurred to produce a family of products and are not direct costs of any member of the family. These costs include expenses such as Plant Operations Administration Expense, General Engineering Expenses, and Motor Vehicles. Common overhead costs include costs, which span the activities of the business, such as general and administrative, executive and planning,

accounting and financial, and legal. The methodology employed to develop the TNP account specific and common overhead cost factors is the same process used for unbundled network elements (UNEs). BellSouth, however, adjusted the UNE account specific and common overhead cost factors to exclude costs, such as product management and general-purpose computer hardware and software costs, that are identified as direct costs in the regional TNP cost study. The UNE account specific overhead factor for Digital Electronic Switching (377C) is 0.0163. The UNE common overhead factor is 0.0633. The TNP account specific overhead factor for Digital Electronic Switching is 0.0113. The TNP common overhead cost factor is 0.0442. The TNP specific factors are applied to the total direct costs to derive the forward-looking, incremental account specific and common overhead cost loadings.

## **Description of Cost Categories**

Below are summaries of the various TNP cost categories. In the FCC's Numbering Resource Optimization (NRO) Report and Order and Further Notice of Proposed Rulemaking (NRO, First Report and Order) (FCC 00-104, Paragraph 216) released March 31, 2000, carriers were instructed to assign costs according to three categories: 1) shared industry costs, 2) carrier-specific costs directly related to Thousands Block Number Pooling, and 3) carrier-specific costs not directly related to Thousands Block Number Pooling. No costs are included in the study for category number three. BellSouth's share of the industry cost is included in this study and is listed as billing from NeuStar, the third party Pooling Administrator. The carrier-specific costs reflected in this study are network capital and expenses, employee related and other expenses. BellSouth utilized the same "but for" criteria specified in the Telephone Number Portability proceedings as referenced in the NRO First Report and Order (Paragraph 218), and as referenced in the NRO Third Report and Order (FCC 01-362, Paragraph 43), in order to identify the carrier specific costs directly related to Thousands Block Number Pooling. Under this "but for" test, costs are eligible for recovery only if they satisfy the following two requirements: 1) the costs would not have been incurred by the carrier "but for" the implementation of Thousands Block Number Pooling; and 2) the costs were incurred "for the provision of" Thousands Block Number Pooling. Further, the NRO First Report and Order (Paragraph 219) and the NRO Third Report and Order (Paragraph 43), require that in addition to the "but for" test, only new costs should be identified in the cost study as carrier-specific costs directly related to Thousands Block Number Pooling. BellSouth followed this third requirement in identifying Number Pooling costs.

### **Network Capital and Expense**

The network related capital and expenses are identified as fully recoverable direct. The fully recoverable capital and expenses are included in their entirety in the study. The costs identified are only associated with the state pooling trials.

BellSouth routinely upgrades switch hardware (i.e., processors and communications modules) and base operation system software. In order to provide TNP, however, the timing of these upgrades was advanced in some offices. Since the generic upgrades

benefit the switch in general, only a portion of the costs associated with the advancement of the upgrades was considered as directly related to TNP.

Providing TNP requires BellSouth to install feature upgrades to its switches. This TNP feature software is used solely for the purpose of providing TNP and thus is directly related to the provisioning of TNP. TNP switch requirements include the need to denote an unallocated directory number or a range of directory numbers so that calls routed to these numbers will not receive error treatment.

### **Miscellaneous Employee Related**

BellSouth has employees dedicated to projects required for the implementation of TNP for the state pooling trials. Thus, the labor costs associated with these projects are directly related to TNP. Provided below is a brief description of the various categories.

Translations - Labor to perform translations for the provision of TNP feature software in the central offices associated with the state pooling trials.

Block Administration Center (BAC) – Salaries for personnel to perform the following duties: Determine denotable blocks, complete service orders and subscription versions for contaminants, update internal systems at donation, complete and issue required reports to Pooling Administrator. These salaries included here are for the personnel working on the state pooling trials.

Network Infrastructure - Labor cost for the independent contractor dedicated to network infrastructure planning and implementation for the state pooling trials. This contractor is responsible for ensuring that all aspects of TNP, including network hardware and software upgrades, are properly designed and implemented.

### **Number Portability Administration Center**

The NPAC, which NeuStar is the third party administrator, expenses included in the study are BellSouth's part of the shared industry costs. The 2002 expenses are based on billing in association with the state trials.

## **DESCRIPTION OF ATTACHMENTS AND WORKPAPERS**

Following is a description of each of the attachments and workpapers contained in this study.

Summary of TNP Cost Study Results: This workpaper lists the Present Value (4/1/2002) of costs by Field Reporting Code (FRC).

Factors – Capital: This workpaper contains factors, loadings and miscellaneous inputs associated with the capital related inputs.

Factors – Expense: This workpaper contains the cost of money and years to advance used with expense inputs.

Input Summary: This workpaper categorizes and summarizes the Vendor Inputs to the FRCs being studied.

WP Capital: This workpaper shows the calculations for the advancement cost of switch generics and development of the costs for capital related items by FRC.

WP Expense: This workpaper shows the calculations to provide the expenses associated with Number Pooling.

Other Labor Costs: This workpaper calculates the costs associated with the translations provisioned in each type switch, the contract Network management of the Number Pooling efforts, and the employees at the BAC.

Vendor - Inputs: This workpaper provides the inputs from the various vendors involved in the provisioning of Number Pooling.

SSP Deployment: This workpaper provides the capital associated with each central office for the implementation of Number Pooling.

## **COST CALCULATIONS**

There are three basic calculations performed: 1) Network Capital (377C), 2) Network RTU (560C) and 3) Expenses.

The inputs associated with Network Capital (377C) are vendor engineered, furnished, and installed prices. These vendor prices are first brought up to investment level by multiplying by the associated 377C Telco factor. The Telco factor captures BellSouth engineering and installation costs and sales tax. Next, the investments (377C) are converted to annual cost. This is accomplished by multiplying the investments by their associated Depreciation, Cost of Money, Plant Specific (Maintenance), and Ad Valorem Tax annual cost factors. The annual costs over the equipment's economic life are present valued to the year it was placed. This cost is then used as the basis of the calculation of the cost of advancement. The advancement cost is then multiplied by the 377C shared cost factor, the common cost factor, and the percentage of the advancement attributable to TNP to provide the total cost of advancement. The advancement cost for the various years are present valued to April 1, 2002.

Network RTU – SOFTCAP 3 (560C) does not require any loadings and is multiplied by the annual cost factors for the associated FRC account. Also as described previously, annual costs over the category's economic life are present valued to produce a total for each year that RTU fees were paid. RTU fees do not have shared costs, only common cost factors were applied to the annual costs. The total cost plus incremental common

costs are either future or present valued to produce a total for the category as of April 1, 2002.

Expenses plus common costs for each year in the study are future or present valued to April 1, 2002.

### **Network Capital and Expenses**

In order to implement TNP, certain switch generics (FRC 377C) were required sooner than the planned implementation dates. For example some switch generics were required two years sooner than the originally planned date (before Number Pooling). To determine the cost penalty associated with this advancement, the difference between two cost streams was calculated. The present value of annual cost of the generic was calculated for the year the generic was implemented. Then the costs were present valued two years as if it occurred two years earlier. This costs was then subtracted from the costs for the generic when it was actually implemented. The difference is the cost of advancement.

The percentage of the advancement costs attributable to TNP was determined by dividing the pooling software costs by the generic costs plus software costs.

### **Miscellaneous Employee Related**

The BellSouth directly assigned labor rates are multiplied by the hours by Job Grade or Wage Scale to determine the labor cost for the year indicated. Also, contract labor costs were summed for the year indicated to determine the costs for those employees. The contract labor and the BAC expenses are calculated on a total trial basis and are then allocated to the states utilizing the ratio of access lines in the trial switches by state to the total number of access lines in the three state trial switches. Once the labor costs were determined, they were included with the expense costs calculation.

Translations – The hours to perform the translations by switch type were multiplied by the number of switches for each type to determine the total labor hours for this category.

BAC - The BAC salaries included only those employees in the center dedicated to the state pooling trials.

Network Infrastructure – This category identifies the Infrastructure Planning contract labor costs.

	A	B	C	D	E	F	G	H	I	J	K
1	Florida										
2	Index Sheet										
3	Study Period	2002-2004									
4											
5											
6			<b>Sheet Name:</b>	<b>Description:</b>							
7			Index	Thousands Block Number Pooling							
8			Sum of TNP Cost Study Results	Summary of TNP Cost Study Results							
9			Factors - Capital	Factors - Capital							
10			Factors - Expense	Factors - Expense							
11			Input Summary	Input Summary by Account							
12			WP Capital	Capital Cost Calculations							
13			WP Expense	Expense Calculations							
14			Savings	Savings							
15			Other Labor Costs	Other Labor Costs							
16			Vendor Inputs	Vendor Input Summary							
17			SSP Deployment	SSP Costs Summary							
18											
19											
20											
21											
22											
23											
24											
25											

	A	B	C
1	Florida		
2	Summary of TNP Cost Study Results		
3	Study Period: 2002-2004		
4			
5			
6			
7	Item/Description	Source	Total
8			
9	NP Advancement of Switch Generic	WP Capital L231	\$180,035
10			
11	560C NP SoftCap3	WP Capital L255	\$3,021,141
12			
13	NP Expenses	WP Expense L23	\$722,658
14			
15			
16	Savings	WP Savings L57	\$416,990
17			
18			
19			
20			
21	TOTAL NP Costs - PV	L9 + L11 + L13 - L16	\$3,506,844
22			
23			



	A	B	C	D	E
1	Florida				
2	Factors - Capital				
3	Study Period 2002-2004				
4					
5					
6				Amount	
7	Description	FRC		2000	2001
8					
9					
10					
11	Economic Life for 377C Capital	377C	Cost Matters	10	
12					
13	Depreciation Factor for 377C Capital		Cost Matters	0 097622	0 097622
14	Cost of Money Factor for 377C Capital		Cost Matters	0 051394	0 051394
15	Income Tax Factor for 377C Capital		Cost Matters	0 023892	0 023892
16	Plant Specific Factor for 377C Capital		Cost Matters	0 017533	0 017533
17	Ad Valorem Factor for 377C Capital		Cost Matters	0 007421	0 007421
18					
19	Percent of Advancement of 377C attributable to TNP		Infrastructure Planning	31 10%	
20					
21					
22	COM for Advancement		Cost Matters	11 25%	11 25%
23	Years of Advancement (Switch Genenc) 24 Months		Cost Matters	2	2
24	Years of Advancement (Switch Genenc) 18 Months		Cost Matters	1 5	1 5
25	Years of Advancement (Switch Genenc) 14 Months		Cost Matters	1 17	1 17
26	Years of Advancement (Switch Genenc) 11 Months		Cost Matters	0 92	0 92
27	Years of Advancement (Switch Genenc) 9 Months		Cost Matters	0 75	0 75
28	Number of Years to Value at 04/01/02		Cost Matters	1 75	0 75
29					
30					
31					
32	Economic Life for SoftCap3	560C	Cost Matters	3	
33					
34	Depreciation Factor for 560C Capital SoftCap3		Cost Matters	0 333333	0 333333
35	Cost of Money Factor for 560C Capital SoftCap3		Cost Matters	0 052514	0 052514
36	Income Tax Factor for 560C Capital SoftCap3		Cost Matters	0 024412	0 024412
37	Ad Valorem Factor for 560C Capital SoftCap3		Cost Matters	0 007421	0 007421
38					
39	Gross Receipt Tax Factor		Cost Matters	0 014633	0 014633
40	Incremental Overhead Factor		Cost Matters	0 0442	0 0442
41	Account Specific Incremental Overhead Factor for 377C		Cost Matters	0 011332	0 011332
42					

	A	B	C	D	E	F
1	Florida					
2	Factors - Expense					
3	Study Period: 2002-2004					
4						
5						
6				Amount		
7	Description	FRC	Source	2000	2001	2002
8						
9	COM for Advancement		Cost Matters	11.25%	11.25%	11.25%
10						
11	Gross Receipt Tax Factor		Cost Matters	0.014633	0.014633	0.014633
12	Incremental Overhead Factor		Cost Matters	0.0442	0.0442	0.0442
13						
14	Number of Years to Value at 04/01/02			1.75	0.75	0.167
15						
16	Labor Rates	WS32	Cost Matters	\$32.14	\$29.33	
17		WS20	Cost Matters	\$24.60	\$25.39	
18		JG59	Cost Matters	\$52.71	\$51.92	
19		JG58	Cost Matters	\$45.46	\$43.57	
20		JG57	Cost Matters	\$39.15	\$37.15	

	A	B	C	D	E	F
1	Florida					
2	Input Summary by Account					
3	Study Period: 2002-2004					
4						
5						
6						
7	Description	FRC	Source	Amount		
				2000	2001	2002
8	377C Capital - Switch Generic - 24 Months Pull Up	377C	Vendor Inputs L4	\$13,600		
9	377C Capital - Switch Generic - 18 Months Pull Up	377C	Vendor Inputs L6	\$1,684,700		
10	377C Capital - Switch Generic - 14 Months Pull Up	377C	Vendor Inputs L7		\$808,600	
11	377C Capital - Switch Generic - 11 Months Pull Up	377C	Vendor Inputs L8		\$90,300	
12	377C Capital - Switch Generic - 9 Months Pull Up	377C	Vendor Inputs L9		\$642,500	
13						
14						
15	SoftCap3	560C	Vendor Inputs L20 thru L26	\$1,024,600	\$1,450,400	
16						
17						
18	Expense		Vendor Inputs L58+L62+L69+L70	\$3,335	\$521,614	\$115,066
19						
20						
21	Grand Total		Sum L8 : L18	\$2,726,235	\$3,513,414	\$115,066
22						

	A	B	C	D	E	F
1	Florida					
2	Capital Cost Calculations					
3	Study Period 2002-2004					
4						
5						
6						
7	Description	FRC	Source	2000	2001	TOTAL
8	Account Specific Incremental Overhead Factor for 377C	377C	Factors - Capital, L41	0.011332	0.011332	
9	Depreciation Factor for 377C Capital	377C	Factors - Capital, L13	0.097622	0.097622	
10	Cost of Money Factor for 377C Capital	377C	Factors - Capital, L14	0.051394	0.051394	
11	Income Tax Factor for 377C Capital	377C	Factors - Capital, L15	0.023892	0.023892	
12	Plant Specific Factor for 377C Capital	377C	Factors - Capital, L16	0.017533	0.017533	
13	Ad Valorem Factor for 377C Capital	377C	Factors - Capital, L17	0.007421	0.007421	
14						
15	Percent of Advancement of 377C attributable to TNP		Factors - Capital, L19	31.10%		
16						
17	Depreciation Factor for 560C Capital SoftCap3	560C	Factors - Capital, L34	0.333333	0.333333	
18	Cost of Money Factor for 560C Capital SoftCap3	560C	Factors - Capital, L35	0.052514	0.052514	
19	Income Tax Factor for 560C Capital SoftCap3	560C	Factors - Capital, L36	0.024412	0.024412	
20	Ad Valorem Factor for 560C Capital SoftCap3	560C	Factors - Capital, L37	0.007421	0.007421	
21						
22	Economic Life for 377C Capital	377C	Factors - Capital, L11	10		
23	Economic Life for SoftCap3	560C	Factors - Capital, L32	3		
24	Gross Receipt Tax Factor		Factors - Capital, L39	0.014633	0.014633	
25	Cost of Money		Factors - Capital, L22	0.1125	0.1125	
26	Incremental Overhead Factor		Factors - Capital, L40	0.0442	0.0442	
27	Number of Years to value at 4/01/02		Factors - Capital, L28	1.75	0.75	
28	Present Value COM		Factors - Capital, L22	0.1125	0.1125	

	A	B	C	D	E	F
1	Florida					
2	Capital Cost Calculations					
3	Study Period: 2002-2004					
4						
5						
6						
7	Description	FRC	Source	2000	2001	TOTAL
29						
30	377C Capital - Switch Generic - 24 Months Pull Up	377C	Input Summary L8	\$13,600.00	\$0.00	\$13,600.00
31						
32	Depreciation for 377C Switch Generic	377C	L30 X L9	\$1,327.66	\$0.00	\$1,327.66
33						
34	Cost of Money for 377C Switch Generic	377C	L30 X L10	\$698.96	\$0.00	\$698.96
35						
36	Income Tax for 377C Switch Generic	377C	L30 X L11	\$324.93	\$0.00	\$324.93
37						
38	Plant Specific for 377C Switch Generic	377C	L30 X L12	\$238.45	\$0.00	\$238.45
39						
40	Ad Valorem for 377C Switch Generic	377C	L30 X L13	\$100.93	\$0.00	\$100.93
41						
42	Present Value of Current Year					
43						
44	Depreciation for 377C Switch Generic	377C	PV(L25,L22,L32)	\$7,737.60	\$0.00	\$7,737.60
45						
46	Cost of Money for 377C Switch Generic	377C	PV(L25,L22,L34)	\$4,073.53	\$0.00	\$4,073.53
47						
48	Income Tax for 377C Switch Generic	377C	PV(L25,L22,L36)	\$1,893.70	\$0.00	\$1,893.70
49						
50	Plant Specific for 377C Switch Generic	377C	PV(L25,L22,L38)	\$1,389.68	\$0.00	\$1,389.68
51						
52	Ad Valorem for 377C Switch Generic	377C	PV(L25,L22,L40)	\$588.19	\$0.00	\$588.19
53						
54	Sum PV 377C Switch Generic Current Year		Sum (L44, L46, L48, L50, L52)	\$15,682.71	\$0.00	\$15,682.71
55						
56	COM for Advancement		Factors - Capital, L22	0.1125	0.1125	
57	Years of Advancement (Switch Generic) 24 Months		Factors - Capital, L23	2.000	2.000	
58						
59						
60	PV Advancement Cost for 377C Switch Generic	377C	PV L54 @ L56 and L57	\$12,671.29	\$0.00	\$12,671.29
61						
62	Cost of Advancement for 377C Switch Generic	377C	L54 - L60	\$3,011.41	\$0.00	\$3,011.41
63						
64	Cost of Advancement for 377C Switch Generic w Incremental Overhead & GRT	377C	{{(L62 X (1+L8)) X (1+(L24)) X (1+L26}}	\$3,226.69	\$0.00	\$3,226.69
65						
66	PV of Cost of Advancement 377C Switch Generic at 4/01/02 for all Years		FV of PV L64 @ L28 and L27	\$3,888.50	\$0.00	\$3,888.50
67						
68	Sum PV of Cost of Advancement 24 Months 377C Switch Generic at 4/01/02 for all Years		Total L66 X L15	\$1,209.32		

	A	B	C	D	E	F
1	Florida					
2	Capital Cost Calculations					
3	Study Period: 2002-2004					
4						
5						
6						
7	Description	FRC	Source	2000	2001	TOTAL
69						
70	377C Capital - Switch Generic - 18 Months Pull Up	377C	Input Summary L9	\$1,684,700.00	\$0.00	\$1,684,700.00
71						
72	Depreciation for 377C Switch Generic	377C	L70 X L9	\$164,463.78	\$0.00	\$164,463.78
73						
74	Cost of Money for 377C Switch Generic	377C	L70 X L10	\$86,583.47	\$0.00	\$86,583.47
75						
76	Income Tax for 377C Switch Generic	377C	L70 X L11	\$40,250.85	\$0.00	\$40,250.85
77						
78	Plant Specific for 377C Switch Generic	377C	L70 X L12	\$29,537.85	\$0.00	\$29,537.85
79						
80	Ad Valorem for 377C Switch Generic	377C	L70 X L13	\$12,502.16	\$0.00	\$12,502.16
81						
82	Present Value of Current Year					
83						
84	Depreciation for 377C Switch Generic	377C	PV(L25,L22,L72)	\$958,495.26	\$0.00	\$958,495.26
85						
86	Cost of Money for 377C Switch Generic	377C	PV(L25,L22,L74)	\$504,608.65	\$0.00	\$504,608.65
87						
88	Income Tax for 377C Switch Generic	377C	PV(L25,L22,L76)	\$234,582.05	\$0.00	\$234,582.05
89						
90	Plant Specific for 377C Switch Generic	377C	PV(L25,L22,L78)	\$172,146.62	\$0.00	\$172,146.62
91						
92	Ad Valorem for 377C Switch Generic	377C	PV(L25,L22,L80)	\$72,862.61	\$0.00	\$72,862.61
93						
94	Sum PV 377C Switch Generic Current Year		Sum (L84, L86, L88, L90, L92)	\$1,942,695.18	\$0.00	\$1,942,695.18
95						
96	COM for Advancement		Factors - Capital, L22	11.25%	11.25%	
97	Years of Advancement (Switch Generic) 18 Months		Factors - Capital, L24	1.500	1.500	
98						
99						
100	PV Advancement Cost for 377C Switch Generic	377C	PV L94 @ L96 and L97	\$1,655,597.01	\$0.00	\$1,655,597.01
101						
102	Cost of Advancement for 377C Switch Generic	377C	L94 - L100	\$287,098.17	\$0.00	\$287,098.17
103						
104	Cost of Advancement for 377C Switch Generic w Incremental Overhead & GRT	377C	$\{((L102 \times (1 + L8)) \times (1 + L24)) \times (1 + L26)\}$	\$307,621.61	\$0.00	\$307,621.61
105						
106	PV of Cost of Advancement 377C Switch Generic at 4/01/02 for all Years		FV or PV L104 @ L28 and L27	\$370,716.47	\$0.00	\$370,716.47
107						
108	Sum PV of Cost of Advancement 18 Months 377C Switch Generic at 4/01/02 for all Years		Total L106 X L15	\$115,292.82		

	A	B	C	D	E	F
1	Florida					
2	Capital Cost Calculations					
3	Study Period 2002-2004					
4						
5						
6						
7	Description	FRC	Source	2000	2001	TOTAL
109						
110	377C Capital - Switch Generic - 14 Months Pull Up	377C	Input Summary L10	\$0.00	\$808,600.00	\$808,600.00
111						
112	Depreciation for 377C Switch Generic	377C	L110 X L9	\$0.00	\$78,937.15	\$78,937.15
113						
114	Cost of Money for 377C Switch Generic	377C	L110 X L10	\$0.00	\$41,557.19	\$41,557.19
115						
116	Income Tax for 377C Switch Generic	377C	L110 X L11	\$0.00	\$19,319.07	\$19,319.07
117						
118	Plant Specific for 377C Switch Generic	377C	L110 X L12	\$0.00	\$14,177.18	\$14,177.18
119						
120	Ad Valorem for 377C Switch Generic	377C	L110 X L13	\$0.00	\$6,000.62	\$6,000.62
121						
122	Present Value of Current Year					
123						
124	Depreciation for 377C Switch Generic	377C	PV(L25,L22,L112)	\$0.00	\$460,045.86	\$460,045.86
125						
126	Cost of Money for 377C Switch Generic	377C	PV(L25,L22,L114)	\$0.00	\$242,195.38	\$242,195.38
127						
128	Income Tax for 377C Switch Generic	377C	PV(L25,L22,L116)	\$0.00	\$112,591.59	\$112,591.59
129						
130	Plant Specific for 377C Switch Generic	377C	PV(L25,L22,L118)	\$0.00	\$82,624.66	\$82,624.66
131						
132	Ad Valorem for 377C Switch Generic	377C	PV(L25,L22,L120)	\$0.00	\$34,971.63	\$34,971.63
133						
134	Sum PV 377C Switch Generic Current Year		Sum (L124, L126, L128, L130, L132)	\$0.00	\$932,429.11	\$932,429.11
135						
136	COM for Advancement		Factors - Capital, L22	11.25%	11.25%	
137	Years of Advancement (Switch Generic) 14 Months		Factors - Capital, L25	1.170	1.170	
138						
139						
140	PV Advancement Cost for 377C Switch Generic	377C	PV L134 @ L136 and L137	\$0.00	\$823,085.22	\$823,085.22
141						
142	Cost of Advancement for 377C Switch Generic	377C	L134 - L140	\$0.00	\$109,343.90	\$109,343.90
143						
144	Cost of Advancement for 377C Switch Generic w Incremental Overhead & GRT	377C	(((L142 X (1+L8)) X (1+L24)) X (1+L26))	\$0.00	\$117,160.43	\$117,160.43
145						
146	PV of Cost of Advancement 377C Switch Generic at 4/01/02 for all Years		FV or PV L144 @ L28 and L27	\$0.00	\$126,912.96	\$126,912.96
147						
148	Sum PV of Cost of Advancement 14 Months 377C Switch Generic at 4/01/02 for all Years		Total L146 X L15	\$39,469.93		

	A	B	C	D	E	F
1	Florida					
2	Capital Cost Calculations					
3	Study Period: 2002-2004					
4						
5						
6						
7	Description	FRC	Source	2000	2001	TOTAL
149						
150	377C Capital - Switch Generic - 11 Months Pull Up	377C	Input Summary L11	\$0.00	\$90,300.00	\$90,300.00
151						
152	Depreciation for 377C Switch Generic	377C	L150 X L9	\$0.00	\$8,815.27	\$8,815.27
153						
154	Cost of Money for 377C Switch Generic	377C	L150 X L10	\$0.00	\$4,640.88	\$4,640.88
155						
156	Income Tax for 377C Switch Generic	377C	L150 X L11	\$0.00	\$2,157.45	\$2,157.45
157						
158	Plant Specific for 377C Switch Generic	377C	L150 X L12	\$0.00	\$1,583.23	\$1,583.23
159						
160	Ad Valorem for 377C Switch Generic	377C	L150 X L13	\$0.00	\$670.12	\$670.12
161						
162	Present Value of Current Year					
163						
164	Depreciation for 377C Switch Generic	377C	PV(L25,L22,L152)	\$0.00	\$51,375.39	\$51,375.39
165						
166	Cost of Money for 377C Switch Generic	377C	PV(L25,L22,L154)	\$0.00	\$27,047.05	\$27,047.05
167						
168	Income Tax for 377C Switch Generic	377C	PV(L25,L22,L156)	\$0.00	\$12,573.61	\$12,573.61
169						
170	Plant Specific for 377C Switch Generic	377C	PV(L25,L22,L158)	\$0.00	\$9,227.07	\$9,227.07
171						
172	Ad Valorem for 377C Switch Generic	377C	PV(L25,L22,L160)	\$0.00	\$3,905.44	\$3,905.44
173						
174	Sum PV 377C Switch Generic Current Year		Sum (L164, L166, L168, L170, L172)	\$0.00	\$104,128.55	\$104,128.55
175						
176	COM for Advancement		Factors - Capital, L22	11.25%	11.25%	
177	Years of Advancement (Switch Generic) 11 Months		Factors - Capital, L26	0.920	0.920	
178						
179						
180	PV Advancement Cost for 377C Switch Generic	377C	PV L174 @ L176 and L177	\$0.00	\$94,400.40	\$94,400.40
181						
182	Cost of Advancement for 377C Switch Generic	377C	L174 - L180	\$0.00	\$9,728.16	\$9,728.16
183						
184	Cost of Advancement for 377C Switch Generic w Incremental Overhead & GRT	377C	(((L182 X (1+L8)) X (1+L24)) X (1+L26))	\$0.00	\$10,423.58	\$10,423.58
185						
186	PV of Cost of Advancement 377C Switch Generic at 4/01/02 for all Years		FV or PV L184 @ L28 and L27	\$0.00	\$11,291.25	\$11,291.25
187						
188	Sum PV of Cost of Advancement 11 Months 377C Switch Generic at 4/01/02 for all Years		Total L186 X L15	\$3,511.58		



	A	B	C	D	E	F
1	Florida					
2	Capital Cost Calculations					
3	Study Period: 2002-2004					
4						
5						
6						
7	Description	FRC	Source	2000	2001	TOTAL
189						
190	377C Capital - Switch Generic - 9 Months Pull Up	377C	Input Summary L12	\$0 00	\$642,500 00	\$642,500 00
191						
192	Depreciation for 377C Switch Generic	377C	L190 X L9	\$0 00	\$62,722 14	\$62,722 14
193						
194	Cost of Money for 377C Switch Generic	377C	L190 X L10	\$0 00	\$33,020 65	\$33,020 65
195						
196	Income Tax for 377C Switch Generic	377C	L190 X L11	\$0 00	\$15,350 61	\$15,350 61
197						
198	Plant Specific for 377C Switch Generic	377C	L190 X L12	\$0 00	\$11,264 95	\$11,264 95
199						
200	Ad Valorem for 377C Switch Generic	377C	L190 X L13	\$0 00	\$4,767 99	\$4,767 99
201						
202	Present Value of Current Year					
203						
204	Depreciation for 377C Switch Generic	377C	PV(L25,L22,L192)	\$0 00	\$365,544 73	\$365,544 73
205						
206	Cost of Money for 377C Switch Generic	377C	PV(L25,L22,L194)	\$0 00	\$192,444 39	\$192,444 39
207						
208	Income Tax for 377C Switch Generic	377C	PV(L25,L22,L196)	\$0 00	\$89,463 39	\$89,463 39
209						
210	Plant Specific for 377C Switch Generic	377C	PV(L25,L22,L198)	\$0 00	\$65,652 17	\$65,652 17
211						
212	Ad Valorem for 377C Switch Generic	377C	PV(L25,L22,L200)	\$0 00	\$27,787 87	\$27,787 87
213						
214	Sum PV 377C Switch Generic Current Year		Sum (L204, L206, L208, L210, L212)	\$0 00	\$740,892 53	\$740,892 53
215						
216	COM for Advancement		Factors - Capital, L22	11.25%	11.25%	
217	Years of Advancement (Switch Generic) 9 Months		Factors - Capital, L27	0.750	0.750	
218						
219						
220	PV Advancement Cost for 377C Switch Generic	377C	PV L214 @ L216 and L217	\$0 00	\$683,959 21	\$683,959 21
221						
222	Cost of Advancement for 377C Switch Generic	377C	L214 - L220	\$0 00	\$56,933 32	\$56,933 32
223						
224	Cost of Advancement for 377C Switch Generic w Incremental Overhead & GRT	377C	$((L222 \times (1 + L8)) \times (1 + L24)) \times (1 + L26))$	\$0 00	\$61,003 25	\$61,003 25
225						
226	PV of Cost of Advancement 377C Switch Generic at 4/01/02 for all Years		FV or PV L224 @ L28 and L27	\$0 00	\$66,081 21	\$66,081 21
227						
228	Sum PV of Cost of Advancement 9 Months 377C Switch Generic at 4/01/02 for all Years		Total L226 X L15	\$20,531 25		
229						
230						
231	Total PV of Cost of Advancement 377C Switch Generic at 4/01/02 for all Years		$L68 + L108 + L148 + L188 + L228$	\$180,034 91		
232						

	A	B	C	D	E	F
1	Florida					
2	Capital Cost Calculations					
3	Study Period: 2002-2004					
4						
5						
6						
7	Description	FRC	Source	2000	2001	TOTAL
233						
234						
235	SoftCap3	560C	Input Summary L15	\$1,024,600.00	\$1,450,400.00	\$2,475,000.00
236						
237	Depreciation for 560C SoftCap3	560C	L235 X L17	\$341,532.99	\$483,466.18	\$824,999.18
238	Cost of Money for 560C SoftCap3	560C	L235 X L18	\$53,805.84	\$76,166.31	\$129,972.15
239	Income Tax for 560C SoftCap3	560C	L235 X L19	\$25,012.54	\$35,407.16	\$60,419.70
240	Ad Valorem for 560C SoftCap3	560C	L235 X L20	\$7,603.56	\$10,763.42	\$18,366.98
241						
242	Present Value of Current Year					
243						
244	Depreciation for 560C SoftCap3	560C	PV(L28,L23,L237)	\$830,993.58	\$1,176,335.24	\$2,007,328.81
245	Cost of Money for 560C SoftCap3	560C	PV(L28,L23,L238)	\$130,916.52	\$185,322.39	\$316,238.91
246	Income Tax for 560C SoftCap3	560C	PV(L28,L23,L239)	\$60,858.71	\$86,150.17	\$147,008.88
247	Ad Valorem for 560C SoftCap3	560C	PV(L28,L23,L240)	\$18,500.43	\$26,188.78	\$44,689.21
248						
249	Sum PV 560C for Current Year		Sum (L244 L247)	\$1,041,269.23	\$1,473,996.58	\$2,515,265.81
250						
251	Sum PV 560C for Current Year w Incremental Overhead & GRT	560C	((L249 X (1+ L24)) X (1+L26))	\$1,103,203.69	\$1,561,669.57	\$2,664,873.26
252						
253	PV of 560C at 4/01/02 for all Years		FV or PV L251 @ L28 and L27	\$1,329,476.74	\$1,691,664.21	\$3,021,140.95
254						
255	Total Cost SoftCap3 for NP		Total L253	\$3,021,140.95		

	A	B	C	D	E	F	G
1	Florida						
2	Expense Calculations						
3	Study Period: 2002-2004						
4							
5							
6				Amount			
7	Description		Source	2000	2001	2002	TOTAL
8							
9	Expense		Input Summary L18	\$3,334.53	\$521,614.27	\$115,066.00	\$649,014.80
10							
11	Present Value COM		Factors - Expense L9	11.25%	11.25%	11.25%	
12							
13	Number of Years to value at 4/01/02		Factors - Expense L14	1.75	0.75	0.167	
14	Gross Receipt Tax Factor		Factors - Expense L11	0.014633	0.014633	0.014633	
15	Incremental Overhead Factor		Factors - Expense L12	0.0442	0.0442	0.0442	
16	Total Expense with GRT		L9*(1+L14)	\$3,383.32	\$529,247.05	\$116,749.76	\$649,380.13
17							
18	Total Expense w Incremental Overhead		L9 + (L9 X L15)	\$3,532.86	\$552,639.77	\$121,910.10	\$678,082.73
19							
20							
21	Value of Expense at 4/01/02		FV or PV L18 @ L11 and L13	\$4,257.47	\$598,641.96	\$119,758.84	\$722,658.27
22							
23	Sum PV of all Years for Expense		Total L21	\$722,658.27			
24							
25							

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Florida												
2	Savings												
3	Study Period: 2002-2004												
4													
5													
6													
7	<u>Description</u>	<u>Source</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>
8													
9													
10	NPA Relief for 561 without NP (2nd Qtr)	FL_Savings_Invt3 Summary L17		\$ -	\$ -	\$ -	\$ 2,396,532.66	\$ -	\$ -	\$ -			
11													
12													
13													
14													
15													
16													
17													
18	NPA Relief for 561 with NP (2nd Qtr)	FL_Savings_Invt3 Summary L17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,396,532.66	\$ -	\$ -	\$ -
19													
20													
21													
22													
23													
24													
25													
26	Number of Years to value at 4/01/02	1st Quarter	0.25	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00
27	Number of Years to value at 4/01/02	2nd Quarter	0.25	1.25	2.25	3.25	4.25	5.25	6.25	7.25	8.25	9.25	10.25
28	Number of Years to value at 4/01/02	3rd Quarter	0.50	1.50	2.50	3.50	4.50	5.50	6.50	7.50	8.50	9.50	10.50
29	Number of Years to value at 4/01/02	4th Quarter	0.75	1.75	2.75	3.75	4.75	5.75	6.75	7.75	8.75	9.75	10.75
30													
31													
32	PV of NPA Relief for 561 without NP	PV L10	\$ -	\$ -	\$ -	\$ -	\$ 1,523,380.07	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
33													
34													
35													
36													
37													
38													
39													
40	PV of NPA Relief for 561 with NP	PV L32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,106,389.92	\$ -	\$ -	\$ -
41													
42													
43													
44													
45													
46													
47													
48													
49	NPA Relief for 561 difference	Difference Between L32 & L40	\$ 416,990.15										
50													
51													
52													
53													
54													
55													
56													
57	<b>Total Savings of Pooling Deferral</b>	<b>L49</b>	<b>\$ 416,990.15</b>										

	A	B	C	D
1	Florida			
2	Other Labor Costs			
3	Study Period 2002-2004			
4				
5				
6	Translation Labor	<b>Source</b>		
7				
8	Switch Translations Cost for Pooling Software		Hrs	
9	SESS	Infrastructure Planning	6	
10	DMS	Infrastructure Planning	0.25	
11	EWSD	Infrastructure Planning	0	
12				
13				
14	No. Switch Types		2000	2001
15	SESS	Infrastructure Planning	17	15
16	DMS	Infrastructure Planning	7	16
17	EWSD	Infrastructure Planning	2	3
18				
19				
20	Hours for Year	$(L9 \times L15) + (L10 \times L16) + (L11 \times L17)$	103.75	94.00
21				
22				
23				
24				
25				
26	WS32 Labor Rate	Factor Expense L16	\$32.14	\$29.35
27				
28				
29	Total Switch Translations Costs	$L26 \times L20$	\$3,334.53	\$2,757.02
30				
31				
32	BAC Salaries			
33				
34	Hrs/Year		1,928	
35				
36			2000	2001
37	Number of Employees			
38	JG59	BAC Center	0	0
39	JG58	BAC Center	0	1
40	JG57	BAC Center	0	15
41	WS20	BAC Center	0	15
42				
43				
44	Labor Rate			
45	JG59	Factor - Expense L18	\$52.71	\$51.92
46	JG58	Factor - Expense L19	\$45.46	\$43.57
47	JG57	Factor - Expense L20	\$39.15	\$37.15
48	WS20	Factor - Expense L17	\$24.80	\$25.39
49				
50				
51	Salaries			
52	JG59	$L34 \times L38 \times L45$	\$0.00	\$0.00
53	JG58	$L34 \times L39 \times L46$	\$0.00	\$84,002.96
54	JG57	$L34 \times L40 \times L47$	\$0.00	\$107,437.80
55	WS20	$L34 \times L41 \times L48$	\$0.00	\$734,278.80
56				
57				
58	Total BAC Salary	$\text{Sum } L52 \times L55$	\$0.00	\$925,719.56
59				
60				
61				
62				
63	Florida Allocation %	Cost Matters	49.76%	49.76%
64				
65	Florida Allocation of BAC Salary	$L58 \times L63$	\$0.00	\$460,638.05
66				
67				
68				
69	Contract Employee Network Salary	Infrastructure Planning	\$0	\$117,000
70				
71	Florida Allocation of Network Contract Employee Salary	$L69 \times L63$	\$0.00	\$58,219.20

1	A	B	C	D	E	F	G
2	Florida	Source	FRC	Number Pooling			Total
3	Study Period 2002-2004			2000	2001	2002	
4	SSP Hardware Upgrades - 24 Month Advancement	SSP_Deployment Ln 98 Col G	377C	\$ 13 600	\$ -	\$ -	\$ 13 600
5	SSP Hardware Upgrades - 20 Month Advancement	SSP_Deployment Ln 100 Col G	377C	\$ -	\$ -	\$ -	\$ -
6	SSP Hardware Upgrades - 18 Month Advancement	SSP_Deployment Ln 97 Col G	377C	\$ 1,684 700	\$ -	\$ -	\$ 1,684 700
7	SSP Hardware Upgrades - 14 Month Advancement	SSP_Deployment Ln 101 Col G	377C	\$ -	\$ 806 600	\$ -	\$ 806 600
8	SSP Hardware Upgrades - 11 Month Advancement	SSP_Deployment Ln 102 Col G	377C	\$ -	\$ 90 300	\$ -	\$ 90 300
9	SSP Hardware Upgrades - 9 Month Advancement	SSP_Deployment Ln 103 Col G	377C	\$ -	\$ 642 500	\$ -	\$ 642 500
10	SSP Hardware Upgrades - 0 Month Advancement	SSP_Deployment Ln 99 & Ln 104 Col G	377C	\$ -	\$ -	\$ -	\$ -
11							
12							
13							
14							
15							
16							
17							
18							
19							
20	SSP Feature Package - 24 Month Advancement	SSP_Deployment Ln 98 Col H	560C	\$ 83,400	\$ -	\$ -	\$ 83,400
21	SSP Feature Package - 20 Month Advancement	SSP_Deployment Ln 100 Col H	560C	\$ -	\$ 390,200	\$ -	\$ 390,200
22	SSP Feature Package - 18 Month Advancement	SSP_Deployment Ln 97 Col H	560C	\$ 459,000	\$ -	\$ -	\$ 459,000
23	SSP Feature Package - 14 Month Advancement	SSP_Deployment Ln 101 Col H	560C	\$ -	\$ 183,900	\$ -	\$ 183,900
24	SSP Feature Package - 11 Month Advancement	SSP_Deployment Ln 102 Col H	560C	\$ -	\$ -	\$ -	\$ -
25	SSP Feature Package - 9 Month Advancement	SSP_Deployment Ln 103 Col H	560C	\$ -	\$ 65,700	\$ -	\$ 65,700
26	SSP Feature Package - 0 Month Advancement	SSP_Deployment Ln 99 & Ln 104 Col H	560C	\$ 482,200	\$ 610,600	\$ -	\$ 1,092,800
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41	EXPENSE						
42							
43							
44							
45							
46							
47							
48							
49							
50							
51							
52							
53							
54							
55							
56							
57							
58	BAC Salaries	Other Labor Costs Ln 85		\$ -	\$ 460 638	\$ -	\$ 460 638
59							
60							
61							
62	NeuStar			\$ -	\$ -	\$ 115 066	\$ 115 066
63							
64							
65							
66							
67							
68							
69	Contract Employee Network	Other Labor Costs Ln71		\$ -	\$ 58 219	\$ -	\$ 58 219
70	Switch Translations Costs	Other Labor Costs Ln29		\$ 3 335	\$ 2 757	\$ -	\$ 6 092
71							
72	Subtotal: Network Services Expenses			\$ 3,335	\$ 64,984	\$ 115,066	\$ 183,385
73							
74	TOTAL CAPITAL			\$ 1,898,390	\$ 1,641,400	\$ -	\$ 3,539,790
75				\$ 1,898,390	\$ 1,641,400	\$ -	\$ 3,539,790
76				\$ 1,898,390	\$ 1,641,400	\$ -	\$ 3,539,790
77				\$ 1,898,390	\$ 1,641,400	\$ 115,066	\$ 3,654,856
78	Grand Total			\$ 2,726,235	\$ 3,013,414	\$ 115,066	\$ 6,354,715

1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
2	LATA	NPA	EQUIP	HOST ENTITY	CLLI	GENERIC	MONTH	SE13	SE14	SE	3B20-21	DMB	RELEASE 18	EWSD	TNP FEATURE
3	CODE			REM ENTITY		PULLED UP	PULLED UP	RETROFIT	RETROFIT	TNP FEATURE	CONVERSION	BRIDGES	377C	RETROFIT	560C
4								377C	377C	560C	377C	560C	ACT	560C	560C
5								ACT	ACT	ACT	ACT	ACT	ACT	ACT	ACT
6	<b>FT. LAUDERDALE MSA JANUARY 22, 2001 (2000 \$)</b>														
7	<b>954 NPA (ORDERED AREA)</b>														
8	460	954	SESS	Coral Springs	PMBHFLCSDSO	1	18	0.0	99.6						
9	460	954	SESS	Cypress	FTLDFLCYDSO	1	18	0.0	104.9						
10	460	954	SESS	Deerfield Beach	DRBHFLMADSO	1	18	0.0	98.3						
11	460	954	SESS	Pompano Federal	PMBHFLPDSO	1	18	0.0	87.4						
12	460	954	SESS	Hollywood Main	HLWDFLMADSO	1	18	0.0	97.4						
13	460	954	SESS	Jacaranda	FTLDFLJADSO	1	18	0.0	107.2						
14	460	954	SESS	Margate	PMBHFLMADSO	1	18	0.0	12.9						
15	460	954	SESS	Oakland	FTLDFLQADSO	1	18	0.0	111.8						
16	460	954	SESS	Pembroke Pines	HLWDFLPDSO	1	18	0.0	61.3						
17	460	954	SESS	Plantation	FTLDFLPLDSO	1	18	0.0	0.0						
18	460	954	SESS	Tamarac	PMBHFLTADSO	1	18	0.0	103.1		150.0				
19	460	954	SESS	West Hollywood	HLWDFLWHDSDO	1	18	0.0	105.9						
20	460	954	SESS	Weston	FTLDFLWNSO	1	18	0.0	107.3						
21	460	954	D-100	Main Relief *Note 1	FTLDFLMRDSO	NA	NA								
22	460	954	D-100	Sawgrass	FTLDFLSGDSO	NA	NA								
23								TOTAL	0.0	1097.1		150.0		0.0	
24					13	2	0								
25	<b>PALM BEACH MSA FEBRUARY 5, 2001 (2000 \$)</b>														
26	<b>561 NPA (ORDERED AREA)</b>														
27	460	561	SESS	Annex	WPBHFLANDSO	1	18	0.0	110.4						
28	460	561	SESS	Boca Sandalfoot	BCRTFLSADSO	1	18	0.0	106.4						
29	460	561	SESS	Greenacres	WPBHFLGADSO	1	18	0.0	108.3						
30	460	561	SESS	Haverhill	WPBHFLHSDSO	1	18	0.0	112.5						
31	460	561	D-100	Belle Glade	BLGLFLMADSO	NA	NA								
32	460	561	D-100	Boca Teeca	BCRTFLBTDSDO	NA	NA								
33	460	561	D-100	Gardens	WPBHFLGRDSO	NA	NA								
34	460	561	D-100	Lake Worth	WPBHFLLEDSDO	NA	NA								
35	460	561	D-100	Royal Palm Beach	WPBHFLRPDSO	NA	NA								
36	460	561	EWSD	Boca Raton Main	BCRTFLMADS1	1	24							6.8	
37	460	561	EWSD	Boynton Beach Main	BYBHFLMADSO	1	24							6.8	
38								TOTAL	0.0	437.6		0.0		13.6	
39					4	5	2								

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	LATA	NPA	EQUIP	HOST ENTITY	CLLJ	GENERIC	MONTHS	SE13	SE14	SE	3B20-21	DMS	RELEASE 18	EWSD	TNP FEATURE
2	CODE			REM ENTITY		PULLED UP	PULLED UP	RETROFIT 377C ACT	RETROFIT 377C ACT	TNP FEATURE 560C ACT	CONVERSION 377C ACT	BRIDGES 560C ACT	377C ACT	560C ACT	560C ACT
3															
4															
5															
40	<b>JACKSONVILLE MSA 4/2/2001</b>														
41	<b>904 NPA (ORDERED AREA)</b>														
42	452	904	SESS	Arlington	JCVLFLARDS0	1	14	0.0	98.2						
43	452	904	SESS	Beachwood	JCVLFLBWD0	1	14	0.0	101.4						
44	452	904	SESS	Mandarin Lonsello	MNDRFLLOD0	1	14	0.0	200.9						
45	452	904	SESS	Orange Park Main	ORPKFLMADS0	1	14	0.0	96.6						
46	452	904	SESS	Portia Vedra	PNVDFLMADS0	1	14	0.0	100.5						
47	452	904	SESS	St Augustine Main	STAGFLMADS0	1	14	0.0	102.0						
48	452	904	SESS	Wesconnet	JCVLFLWCD0	1	14	0.0	109.0						
49	452	904	D-100	Clay Street DS0	JCVLFLCLD0	NA	NA								
50	452	904	D-100	Fernandina Bch	FRBHFLFPD0	NA	NA								
51	452	904	D-100	Fort Caroline	JCVLFLFCDS0	NA	NA								
52	452	904	D-100	Mandarin Avenue	MNDRFLAVDS0	NA	NA								
53	452	904	D-100	Normandy	JCVLFLNOD0	NA	NA								
54	452	904	D-100	Oceanway	JCVLFLOWD0	NA	NA								
55	452	904	D-100	San Jose	JCVLFLSJ73E	NA	NA								
56	452	904	D1/2	San Marco	JCVLFLSMDS0	NA	NA								
57	452	904	D1/2	Clay Street DS1	JCVLFLCLD1	NA	NA								
58	452	904	EWSD	Green Cove Springs	GCSPFLCND0	1	20						0.0		
59	452	904	EWSD	Middleburg	MDBGFLPMDS0	1	20						0.0		
60	452	904	EWSD	Orange Park Ridgewood	ORPKFLRWDS0	1	20						0.0		
61						TOTAL		0.0	808.6		0.0		0.0		
62				7		9	3								
63															
64	<b>FLA KEYS OSMSA MAY 28, 2001</b>														
65	<b>305 NPA</b>														
66	460	305/786	SESS	Homestead	HMSTFLHMDS0	1	13	0.0	0.0						
67	460	305	SESS	Key West	KYWSFLMADS0	1	13	0.0	0.0						
68						TOTAL		0.0	0.0		0.0		0.0		
69				2		0	0								
70	<b>DAYTONA MSA JULY 18, 2001</b>														
71	<b>904 NPA (ORDERED AREA)</b>														
72	456	904	D-100	New Smyrna Bch	NSBFLMADS0	NA	NA								
73	456	904	D-100	Daytona Bch Main	DYBFLMADS0	NA	NA								
74	456	904	D-100	Deland	DELDFLMADS0	NA	NA								
75	456	904	D-100	Ormond Beach	DYBHFLOBDS0	NA	NA								
76	456	904	D-100	Palm Coast	PLCSFLMADS0	NA	NA								
77	456	904	D-102	Port Orange	DYBHFLOPDS0	NA	NA								
78	456	407	SESS	DeBary Deltona	DBRYFLDLD0	1	11	0.0	90.3						
79						TOTAL		0.0	90.3		0.0		0.0		
80				1		6	0								



1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
2	LATA	NPA	EQUIP	HOST ENTITY	CLLI	GENERIC	MONTHS	SE13	SE14	SE	3B20-21	DMS	RELEASE 18	EWSD	TNP FEATURE
3	CODE			REM ENTITY		PULLED UP	PULLED UP	RETROFIT	RETROFIT	TNP FEATURE	CONVERSION	BRIDGES	377C	RETROFIT	560C
4								377C	377C	560C	377C	560C	377C	560C	560C
5								ACT	ACT	ACT	ACT	ACT	ACT	ACT	ACT
81	FORT PIERCE/ST LUCIE MSA SEPTEMBER 17, 2001														
82	561 NPA (ORDERED AREA)														
83	460	561	SESS	Fl Pierce 11/2001	FTPRFLMADS0	NA	NA	0.0	0.0						
84	460	561	SESS	Port St Lucie Main	PTSLFLMADS0	1	9	0.0	195.9						
85	460	561	SESS	Port St Lucie South	PTSLFLS0CG0	1	9	0.0	97.8						
86	460	561	SESS	Stuart	STRTRFLMADS0	1	9	0.0	97.7						
87	460	561	SESS	Hobe Sound	HBSDFLMADS0	1	9	0.0	251.1						
88	460	561	DMS	Jupiter (12/2001)	JPTRFLMADS0	NA	NA								
89								TOTAL	0.0	642.5		0.0		0.0	
90				5		1	0								
91								0.0	1534.7		150.0			13.6	
92								0.0	1541.4		0.0			0.0	
93															
94				<u>Year</u>	<u>Months Pulled Up</u>			<u>Account</u>							
95								<u>377C</u>	<u>560C</u>						
96															
97				2000	18			1684.7							
98				2000	24			13.6							
99				2000	0			0							
100				2001	20			0							
101				2001	14			808.6							
102				2001	11			90.3							
103				2001	9			642.5							
104				2001	0			0							
105															
106				<u>Switch Type</u>	<u>QTY</u>										
107					<u>2000</u>			<u>2001</u>							
108				SESS	17			15							
109				DMS	7			16							
110				EWSD	2			3							
111															
112															

	A	B	C	D	E	F	G	H	I	J	K
1	Florida										
2	Index Sheet										
3	Study Period: 2002 - 2004										
4											
5											
6											
7											
8											
9			<b>Sheet Name:</b>		<b>Description:</b>						
10			Index		NPA Relief Cost						
11			Factors - Capital		Factors - Capital						
12			Factors - Expense		Factors - Expense						
13			Inputs		Inputs						
14			WP Capital		Capital Cost Calculations						
15			WP Expense		Expense Calculations						
16			NPA Costs		Summary of Capital Cost by NPA						
17			Translations		Summary of Translation by NPA						
18			Summary		NPA Relief Cost Summary by NPA						
19											
20											
21											
22											
23											
24											

	A	B	C	D
1	Florida			
2	Factors - Capital			
3	Study Period: 2002 - 2004			
4				
5				
6				Amount
7	Description	FRC	Source	2002
8				
9	COM		Cost Matters	11.25%
10				
11	Economic Life for 377C Capital	377C	Cost Matters	10
12				
13	Depreciation Factor for 377C Capital		Cost Matters	0.097622
14	Cost of Money Factor for 377C Capital		Cost Matters	0.051394
15	Income Tax Factor for 377C Capital		Cost Matters	0.023892
16	Plant Specific Factor for 377C Capital		Cost Matters	0.017533
17	Ad Valorem Factor for 377C Capital		Cost Matters	0.007421
18				
19				
20	Economic Life for 560C Capital	560C	Cost Matters	3
21				
22	Depreciation Factor for 560C Capital		Cost Matters	0.333333
23	Cost of Money Factor for 560C Capital		Cost Matters	0.052514
24	Income Tax Factor for 560C Capital		Cost Matters	0.024412
25	Ad Valorem Factor for 560C Capital		Cost Matters	0.007421
26				
27	Gross Receipt Tax Factor		Cost Matters	0.014633
28	Common Overhead Loading Factor		Cost Matters	0.0442
29	Shared Factor for 377C		Cost Matters	0.011332
30				

	A	B	C	D
1	Florida			
2	Factors - Expense			
3	Study Period: 2002 - 2004			
4				
5				
6				Amount
7	Description	FRC	Source	2002
8				
9	COM		Cost Matters	11.25%
10				
11	Gross Receipt Tax Factor		Cost Matters	0.014633
12	Common Overhead Loading Factor		Cost Matters	0.0442
13				
14	Levelized 2002-2004 Labor Rate	WS32	Cost Matters	\$31.34
15				
16				

	A	B	C	D	E	F
1	Florida					
2	Inputs					
3	Study Period: 2002 - 2004					
4						
5						
6						
7	Description	FRC	Source	Amount		
8	377C Capital - Announcement per switch	377C	Infrastructure Planning	\$5,533.33		
9	377C Capital - E911 Trunks per switch in overlay	377C	Infrastructure Planning	\$2,759.21		
10						
11						
12	Overlay 10 Digit Dialing per 5E switch	560C	Infrastructure Planning			
13	Overlay 10 Digit Dialing per DMS switch	560C	Infrastructure Planning			
14						
15	Expense for 911 Trunks per switch in overlay		Infrastructure Planning	\$279.52		
16						
17						
18						
19	Switch Types					
20						
21	NPA	Type	5ESS	DMS	EWSD	DCO
22						
23						
24	Palm Beach	Overlay	4	5	2	0
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						

	A	B	C	D
1	Florida			
2	Capital Cost Calculations			
3	Study Period: 2002 - 2004			
4				
5				
6				
7	Description	FRC	Source	Amount
8	Shared Factor for 377C		Factors - Capital, L29	0.011332
9	Depreciation Factor for 377C Capital		Factors - Capital, L13	0.097622
10	Cost of Money Factor for 377C Capital		Factors - Capital, L14	0.051394
11	Income Tax Factor for 377C Capital		Factors - Capital, L15	0.023892
12	Plant Specific Factor for 377C Capital		Factors - Capital, L16	0.017533
13	Ad Valorem Factor for 377C Capital		Factors - Capital, L17	0.007421
14				
15	COM		Factors - Capital, L9	11.25%
16				
17				
18	Depreciation Factor for 560C Capital		Factors - Capital, L22	0.333333
19	Cost of Money Factor for 560C Capital		Factors - Capital, L23	0.052514
20	Income Tax Factor for 560C Capital		Factors - Capital, L24	0.024412
21	Ad Valorem Factor for 560C Capital		Factors - Capital, L25	0.007421
22				
23	Economic Life for 377C Capital	377C	Factors - Capital, L11	10
24	Economic Life for 560C Capital	560C	Factors - Capital, L20	3
25	Gross Receipt Tax Factor		Factors - Capital, L27	0.014633
26	Common Overhead Loading Factor		Factors - Capital, L28	0.0442

	A	B	C	D
1	Florida			
2	Capital Cost Calculations			
3	Study Period: 2002 - 2004			
4				
5				
6				
7	Description	FRC	Source	Amount
27				
28	377C Capital - Announcement per switch	377C	Inputs L8	\$5,533.33
29				
30	Depreciation for 377C Switch Capital	377C	L28 X L9	\$540.18
31	Cost of Money for 377C Switch Capital	377C	L28 X L10	\$284.38
32	Income Tax for 377C Switch Capital	377C	L28 X L11	\$132.20
33	Plant Specific for 377C Switch Capital	377C	L28 X L12	\$97.02
34	Ad Valorem for 377C Switch Capital	377C	L28 X L13	\$41.06
35				
36	Present Value for Current Year			
37				
38	Depreciation for 377C Switch Capital		PV(L15,L23,L30)	\$3,148.14
39	Cost of Money for 377C Switch Capital		PV(L15,L23,L31)	\$1,657.37
40	Income Tax for 377C Switch Capital		PV(L15,L23,L32)	\$770.48
41	Plant Specific for 377C Switch Capital		PV(L15,L23,L33)	\$565.41
42	Ad Valorem for 377C Switch Capital		PV(L15,L23,L34)	\$239.31
43				
44	Sum PV 377C		Sum L38 - L42	\$6,380.71
45				
46	Sum PV 377C w Shared & Common & GRT		$((L44 \times (1+L8)) \times (1+L25)) \times (1+L26))$	\$6,836.84
47				
48	Sum PV of Cost of Announcement 377C per Switch		L46	\$6,836.84
49				

	A	B	C	D
1	Florida			
2	Capital Cost Calculations			
3	Study Period: 2002 - 2004			
4				
5				
6				
7	Description	FRC	Source	Amount
50	377C Capital - E911 Trunks per switch in overlay	377C	Inputs L9	\$2,759.21
51				
52	Depreciation for 377C Switch Capital	377C	L50 X L9	\$269.36
53	Cost of Money for 377C Switch Capital	377C	L50 X L10	\$141.81
54	Income Tax for 377C Switch Capital	377C	L50 X L11	\$65.92
55	Plant Specific for 377C Switch Capital	377C	L50 X L12	\$48.38
56	Ad Valorem for 377C Switch Capital	377C	L50 X L13	\$20.48
57				
58	Present Value for Current Year			
59				
60	Depreciation for 377C Switch Capital		PV(L15,L23,L52)	\$1,569.83
61	Cost of Money for 377C Switch Capital		PV(L15,L23,L53)	\$826.45
62	Income Tax for 377C Switch Capital		PV(L15,L23,L54)	\$384.20
63	Plant Specific for 377C Switch Capital		PV(L15,L23,L55)	\$281.94
64	Ad Valorem for 377C Switch Capital		PV(L15,L23,L56)	\$119.33
65				
66	Sum PV 377C		Sum L60 - L64	\$3,181.76
67				
68	Sum PV 377C w Shared & Common & GRT		$((L66 \times (1 + L8)) \times (1 + L25)) \times (1 + L26))$	\$3,409.21
69				
70	Sum PV of Cost E911 Trunks 377C per Switch in Overlay		L68	\$3,409.21
71				



	A	B	C	D
1	Florida			
2	Capital Cost Calculations			
3	Study Period: 2002 - 2004			
4				
5				
6				
7	Description	FRC	Source	Amount
72	Overlay 10 Digit Dialing per 5E switch	560C	Inputs L12	
73				
74	Depreciation for 560C	560C	L72 X L18	
75	Cost of Money for 560C	560C	L72 X L19	
76	Income Tax for 560C	560C	L72 X L20	
77	Ad Valorem for 560C	560C	L72 X L21	
78				
79	<b>Present Value for Current Year</b>			
80				
81	Depreciation for 560C	560C	PV(L15,L24,L74)	
82	Cost of Money for 560C	560C	PV(L15,L24,L75)	
83	Income Tax for 560C	560C	PV(L15,L24,L76)	
84	Ad Valorem for 560C	560C	PV(L15,L24,L77)	
85				
86	Sum PV 560C		Sum L81 - L84	
87				
88	Sum PV 560C w Common & GRT		$((L86 \times (1+L25)) \times (1+L26))$	
89				
90	<b>Total Cost 560C for Overlay 10 Digit Dialing for 5E Switch</b>		<b>L88</b>	
91				

	A	B	C	D
1	Florida			
2	Capital Cost Calculations			
3	Study Period: 2002 - 2004			
4				
5				
6				
7	Description	FRC	Source	Amount
92	Overlay 10 Digit Dialing per DMS switch	560C	Inputs L13	
93				
94	Depreciation for 560C	560C	L92 X L18	
95	Cost of Money for 560C	560C	L92 X L19	
96	Income Tax for 560C	560C	L92 X L20	
97	Ad Valorem for 560C	560C	L92 X L21	
98				
99	Present Value for Current Year			
100				
101	Depreciation for 560C	560C	PV(L15,L24,L94)	
102	Cost of Money for 560C	560C	PV(L15,L24,L95)	
103	Income Tax for 560C	560C	PV(L15,L24,L96)	
104	Ad Valorem for 560C	560C	PV(L15,L24,L97)	
105				
106	Sum PV 560C		Sum L101 - L104	
107				
108	Sum PV 560C w Common & GRT		$((L106 \times (1+L25)) \times (1+L26))$	
109				
110	Total Cost 560C for Overlay 10 Digit Dialing for DMS Switch		L108	

	A	B	C	D
1	Florida			
2	Expense Calculations			
3	Study Period: 2002 - 2004			
4				
5				
6				Amount
7	Description	JFC / JG / WS	Source	2002
8				
9	Expense for 911 Trunks per switch in overlay		Inputs L15	\$280
10	Gross Receipt Tax Factor		Factors - Expense L11	0.014633
11	Common Overhead Loading Factor		Factors - Expense L12	0.0442
12	Total Expense w GRT		L9 X (1+L10)	\$283.61
13	Total Expense w Common		L12 X (1+ L11)	\$296.14
14				
15	<b>Expense for 911 Trunks per Switch in Overlay</b>		<b>L13</b>	<b>\$296.14</b>
16				
17				

	A	B	C	D	E	F	G	H
1	Florida	Type	5ESS	DMS	EWSD	DCO		Total
2								
3	Study Period: 2002 - 2004							
4								
5								
6	Palm Beach	Overlay	4	5	2	0		11
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26	<b>Description</b>	<b>Amount</b>	<b>Source</b>					
27	Sum PV of Cost of Announcement 377C per Switch	\$6,836.84	WP Capital, L48					
28	Sum PV of Cost E911 Trunks 377C per Switch in Overlay	\$3,409.21	WP Capital, L70					
29	Total Cost 560C for Overlay 10 Digit Dialing for 5E Switch		WP Capital, L90					
30	Total Cost 560C for Overlay 10 Digit Dialing for DMS Switch		WP Capital, L110					
31	Expense for 911 Trunks per Switch in Overlay	\$296.14	WP Expense, L15					
32								
33								
34								
35								
36								
37	NPA	377C	560C	Expense				
38		<u>Source</u>	<u>Amount</u>	<u>Source</u>	<u>Amount</u>	<u>Source</u>	<u>Amount</u>	
39								
40	Palm Beach	(L27*L6 Total) + (L28*L6 Total)	\$112,706.55 (L29*L6)+(L30*L6)		L32*L6 Total	\$3,257.58		

	A	B	C	D	E	F	G	H
1	Florida	Type	5ESS	DMS	EWSD	DCO	Source	Translation Costs /NPA
2								
3	Study Period: 2002 - 2004							
4								
5	Palm Beach	Overlay	4	5	2	0	L5 X L29 X L32	\$20,057.60
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27	Hours/Sw							
28								
29	Overlay		110	40	0	0		
30								
31								
32	Labor Rate WS32	\$31.34						
33	Levelized 2002-2004							

	A	B	C
1	Florida		
2	NPA Relief Cost Summary by NPA		
3	Study Period: 2002 - 2004		
4			
5			
6	Item/Description	Source	Amount
7			
8	<b>Palm Beach</b>		
9	Customer Notification	Infrastructure Planning	\$54,608.00
10	Directory Publication	Infrastructure Planning	\$304,541.00
11	Information Technology	Infrastructure Planning	\$1,268,791.00
12	377C Capital	NPA Costs L40	\$112,706.55
13	560C for 10 Digit Dialing	NPA Costs L40	\$632,570.93
14	Expense	NPA Costs L40	\$3,257.58
15	Translation Cost	Translations L5	\$20,057.60
16			
17	Total	Sum L9 L15	\$2,396,532.66