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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
DIRECT TESTIMONY
OF
KENT W. DICKERSON

Q. Please state your name, business address, employer and current position.

A. My name is Kent W. Dickerson. My business address is 5454 West 110th Street, Overland Park, Kansas 66211. I am presently employed as Director Cost Support for Sprint/United Management Company. I am testifying on behalf of Sprint - Florida, Inc. (hereafter collectively referred to as "Sprint" or the "Company").

Q. Please describe your educational background and business experience.

A. I received a Bachelor of Science degree from the University of Missouri - Kansas City in 1981 with a major in Accounting. In 1984, I passed the national exam and am a Certified Public Accountant in the State of Missouri.

From 1981 to 1983, I was employed as a Corporate Income

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1 Tax Auditor II for the Missouri Department of Revenue.
2 From 1983 to 1985, I worked for Kansas Power and Light
3 (now Western Resources) in the Tax and Internal Audit
4 areas. I joined United Telephone Midwest Group in
5 September, 1985 as a staff accountant in the Carrier
6 Access Billing area. Thereafter, I moved through a
7 progression of positions within the Toll Administration
8 and General Accounting areas of the Finance Department.

9
10 In 1987, I was promoted into the Carrier and Regulatory
11 Services group as a Separations/ Settlement Administrator
12 performing Federal and Intrastate access/toll pool
13 settlement, reporting and revenue budgeting functions.
14 I was promoted to Manager - Pricing in June, 1989 where
15 I performed FCC regulatory reporting and filing functions
16 related to the United Telephone - Midwest Group
17 Interstate Access revenue streams.

18
19 In 1991, I was promoted to Senior Manager - Revenue
20 Planning for United Telephone - Midwest Group. While
21 serving in this position my responsibilities consisted of
22 numerous FCC regulatory reporting and costing functions.
23 In 1994, I accepted a position within the Intrastate
24 Regulatory operations of Sprint/United Telephone Company
25 of Missouri where my responsibilities included regulatory

1 compliance, tariff filings, and earnings analysis for the
2 Missouri company's intrastate operations.

3

4 Since December 1994, I have set-up and managed a work
5 group which performs cost of service studies for retail
6 and wholesale local network services. Over the last 3
7 years I have been charged with developing and
8 implementing cost study methods related to the evolving
9 Total Service Long Run Incremental Cost ("TSLRIC") and
10 Total Element Long Run Incremental Cost ("TELRIC")
11 methodologies. In addition, I am responsible for filing
12 written comments, serving on industry work groups, and
13 participating in technical conferences related to
14 TSLRIC/TELRIC costing methodology and the filing of
15 studies within the individual 19 states that comprise
16 Sprint's Local Telephone Division. I have testified in
17 Wyoming, Kansas, North Carolina and Florida regarding
18 TSLRIC/TELRIC cost matters.

19

20 Q. What is the purpose of your testimony in this proceeding?

21

22 A. The purpose of my testimony is to sponsor and describe
23 the Company's cost studies for the pricing of the
24 unbundled network element (UNE) - Local Loop and the
25 development of the annual charge factors, and other

1 Direct and Common cost factors used in Sprint's UNE cost
2 study process.

3

4 Q. Mr. Dickerson, please summarize your testimony.

5

6 A. My testimony focuses on the development of the forward-
7 looking costs for the unbundled network element-local
8 loop, which Sprint is required by the Telecommunications
9 Act of 1996 to provide to competitive local exchange
10 carriers ("CLECs").

11

12 The critical element of Sprint's unbundled loop study is
13 the use of Florida specific, forward-looking cost data -
14 not nationwide default proxy cost data - to develop the
15 various input information. This approach assures that
16 the costs developed are not only forward-looking, but
17 that they reflect the unique nature of Sprint's Florida
18 service territory and operations. The Benchmark Cost
19 Proxy Model ("BCPM") 3.1 was used in conjunction with
20 Sprint Florida specific inputs to produce forward-
21 looking, disaggregated loop investment information.

22

23 As part of the costing process, I develop the annual
24 charge factor ("ACF") using Sprint's Annual Charge Factor
25 Program ("ACFP"), which converts the incremental,

1 forward-looking network element investment into an annual
2 cost. The principal components of the ACFP are
3 maintenance, tax depreciation, economic life, cost of
4 capital and ad valorem taxes. These components are
5 forward-looking, Florida-specific.

6
7 I also develop the common costs which must be recovered
8 in the prices of the unbundled elements if the Company is
9 to recover its costs of providing the unbundled elements.
10 The study which I use to ascertain the amount of common
11 costs relies upon forward-looking, Florida-specific cost
12 data. Sprint's current level of common costs have been
13 reduced approximately 33% to recognize a forward looking
14 level of common costs. Once the TSLRIC amount for an
15 unbundled element has been developed, the common cost
16 factor is added to provide a uniform percentage
17 contribution to common costs from all unbundled network
18 elements.

19
20 Unbundled network elements should be priced on a
21 geographic deaveraged basis to accurately portray the
22 cost of providing the unbundled network element. For
23 example, using the underlying Florida investment data
24 which has been collected on a highly disaggregated basis
25 through the BCPM, the TSLRIC developed loop costs are

1 deaveraged to reflect cost differences driven by
2 densities, distances and other geographic-based factors.

3

4 I. Introduction

5

6 Q. Please provide some general background information
7 regarding the principles governing Sprint's costing
8 methodology and the pricing of unbundled loops.

9

10 A. Section 251 of the Telecommunications Act of 1996 ("Act")
11 sets the overall standard for pricing network elements.
12 The Act directs that elements be priced on the basis of
13 "cost," together with a reasonable profit. The Act
14 states, at Section 252(d)(1) that:

15

16 Determinations by a State commission of the
17 just and reasonable rate for the
18 interconnection of facilities and equipment
19 for purposes of subsection (c)(2), and the
20 just and reasonable rate for network elements
21 for purposes of section (c)(3) of such
22 section-

23 (A) shall be -

24 (i) based on the cost (determined
25 without reference to a rate-of-return or

1 other rate-based proceeding) of providing
2 the interconnection or
3 network element (whichever is
4 applicable), and
5 (ii) nondiscriminatory, and
6 (B) may include a reasonable profit.
7

8 Q. Please describe Sprint's pricing policy for network
9 elements.

10
11 A. Sprint believes that prices for network elements must be
12 based on economic costs. More specifically, Sprint
13 recommends:

14
15 • Prices for unbundled elements should be developed
16 using a TSLRIC-based costing methodology plus a
17 contribution to common costs.

18
19 • The level of contribution to shared and common
20 costs should be recovered from each network element
21 using a consistent percentage loading applied to
22 TSLRIC results.

23
24 • The reasonable profit level to be included in
25 TSLRIC should be based on a risk adjusted forward

1 looking cost of capital.

2

3 • Prices for network elements should be
4 geographically deaveraged, where such cost
5 differences have been quantified.

6

7 Q. Please explain what is meant by TSLRIC.

8

9 A. TSLRIC represents the incremental cost of an entire
10 product. In other words, TSLRIC represents all the costs
11 directly caused by a service. TSLRIC includes all of the
12 service-specific fixed costs and volume sensitive costs.
13 It represents the total direct burden that the service
14 places upon the resources of the company. In more
15 precise terms, TSLRIC is the difference between (1) the
16 total long-run cost of a company that provides the study
17 service and a number of other services, and (2) the total
18 long-run cost of that same company if it provided all of
19 its other services in the same quantities, but not the
20 study service.

21

22 Q. Is TSLRIC costing different from TELRIC costing?

23

24 A. Essentially, TSLRIC and TELRIC costing methodologies are
25 the same. Their differences are related to the items

1 being costed, not the method of developing the costs.
2 The FCC Order, paragraph 678, states,
3 While we are adopting a version of the
4 methodology commonly referred to as TSLRIC as
5 the basis for pricing interconnection and
6 unbundled elements, we are coining the term
7 "total element long run incremental cost"
8 (TELRIC) to describe our vision of this
9 methodology. The incumbent LEC offerings to
10 be priced using this methodology generally
11 will be "network elements," rather than
12 "telecommunications services," as defined by
13 the 1996 Act.

14
15 TSLRIC studies determine the forward-looking, long run
16 incremental cost of services while TELRIC studies
17 determine the forward-looking, long run incremental cost
18 of network elements. Neither TSLRIC nor TELRIC include
19 common costs. Many shared costs at the service level are
20 direct at the element level. The FCC chose the term
21 total "element" long-run incremental cost to reflect that
22 the "services" in question are, in reality, "elements" of
23 the network. The FCC also noted that unlike
24 telecommunication services, network elements correspond
25 to distinct network facilities.

1 II. The Unbundled Loop Study

2

3 Q. Mr. Dickerson, please describe the unbundled loop network
4 element.

5

6 A. The unbundled loop element is the facility between the
7 distribution frame in the central office and the
8 customer's premises.

9

10 Q. Has Sprint completed a study for the unbundled local loop
11 network element?

12

13 A. Yes. Sprint has completed a TSLRIC study for the
14 unbundled local loop as an unbundled network element.
15 This study results in six deaveraged unbundled loop
16 prices shown in the local loop section of the Pricing and
17 Costing Studies.

18

19 Q. What model did Sprint utilize in performing this study?

20

21 A. Sprint used the BCPM 3.1 in this study for purposes of
22 determining the loop investment by grid. The BCPM was
23 adapted so that only the Florida-specific loop
24 investments were determined for each grid. The Sprint
25 unbundled loop study includes only those grids which

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Sprint serves within the state of Florida.

The BCPM produced for each grid the investment in local loops assuming efficient engineering and design criteria and deployment of current state-of-the art loop technology, using Sprint's existing wire center locations.

The investment results for the grid represent the forward looking cost of placing new loop plant from currently existing wire centers. Consistent with the requirement to deaverage prices for unbundled network elements, the cost differentials between grids reflect differences in the distance from the wire center, the density of households, and the impact of terrain upon the cost of placing local loops. Terrain factors reflected in the model results include depth of bedrock, depth of water table, hardness of bedrock and surface soil texture.

Q. Are there any additional costs beyond those included in the BCPM investment results which are incurred as a result of providing unbundled loops to competitive providers?

A. Yes. There are the costs of equipment necessary to

1 terminate the loop inside the central office. This
2 equipment consists of main distribution frame and
3 protection. These costs are included in the overall BCPM
4 switching inputs that were zeroed out and are not
5 included in the BCPM loop investment results. Therefore
6 these equipment costs were developed separately (see
7 Schedule 2 behind tab Local Loop in the Pricing and
8 Costing Studies.

9
10 Q. Again referring to your approach for TSLRIC studies,
11 please explain how forward-looking installed costs were
12 utilized in your unbundled loop study.

13
14 A. As noted earlier, Sprint used the BCPM to develop the
15 Florida investment in local loops. The BCPM allows for
16 user adjustable inputs so that it can be state and
17 company-specific. For example, BCPM calculations make
18 use of nine density groups. Through user-adjustable
19 inputs for each density group, Sprint was able to
20 determine the Florida-specific: plant mix of aerial,
21 buried and underground facilities; feeder and
22 distribution cable fill factors; mix of construction
23 techniques necessary to place plant; and the cost per
24 foot to place plant. In addition, the BCPM takes into
25 account the terrain variables for each specific grid by

1 using U.S. Geological Survey and Soil Conservation
2 Service data. Further, BCPM allows user-adjustable
3 inputs in each of the nine density groups for structure
4 sharing involving feeder and distribution cable (unique
5 inputs for aerial, buried, and underground), poles, and
6 anchors and guys. Finally, BCPM allows user-adjustable
7 inputs for the material and labor costs relative to each
8 of the major equipment components making up a loop (e.g.,
9 fiber and copper feeder and distribution facilities,
10 poles, conduits, manholes, feeder/distribution interface
11 devices, DLC, drop terminals and drops). Installed
12 equipment prices are based on numerous equipment and
13 cable sizes so that the least cost, most efficient
14 equipment component can be used in modeling the loop
15 cost.

16
17 Q. How were the model inputs developed to be Sprint
18 specific?

19
20 A. There are numerous inputs that are Company-specific:
21 structure costs, structure sharing, cable and material
22 costs, DLC costs, fill factors and cable plant mix.
23 These inputs were developed through special studies and
24 current labor and material prices.

25

1 Q. Would you please describe the structure cost input?

2

3 A. Structure costs, which are the installed costs for the
4 structures supporting copper and fiber feeder and copper
5 distribution cable, are based on the specific conditions
6 encountered in the Company's Florida Service area. Costs
7 for buried and underground structures were developed
8 based on the most recent contractor prices currently in
9 effect for 1998 within Sprint's Florida serving area.
10 Since Sprint pays the same contractor prices across all
11 of its Florida serving area, these costs do not vary and
12 were used in all density groups. The construction
13 activity percentages are based upon an analysis of the
14 total 1997 actual contractor jobs for construction of
15 feeder and distribution routes within Sprint's Florida
16 serving area.

17

18 Q. Would you please describe the structure sharing input?

19

20 A. Structure sharing, which impacts the percent of costs
21 assigned to telephone, is based upon an assessment of
22 current and projected opportunities to have other
23 entities share the cost of the support structure. For
24 example, the percent assigned to telephone is set at
25 percent for aerial feeder to reflect existing and

1 expected pole sharing and pole attachment agreements. On
2 the other hand, the percent assigned to telephone for
3 buried and underground (conduit and manhole) feeder
4 structures is set at 95 percent for most grids to reflect
5 the fact that sharing with other entities, such as power
6 companies and cable companies, is limited. There are
7 work coordination, safety, and available space
8 considerations which make significant sharing of buried
9 and underground construction costs unlikely.

10

11 Q. Could you please describe the cable material cost inputs?

12

13 A. The inputs for cable material costs were developed
14 separately for copper and fiber cable and reflect fully
15 loaded cost, including exempt material overheads, labor
16 and labor overheads. Copper cable inputs were based on
17 the Sprint's current material prices and Florida specific
18 company labor and contractor prices for engineering and
19 installation. Fiber cable costs were developed in the
20 same manner.

21

22 The input for DLC costs was based on a bottom-up
23 calculated cost using Sprint's current cost for material,
24 engineering, labor, overheads, and site preparation.

25

- 1 Q. Could you please describe the fill factor inputs?
2
- 3 A. Fill factor inputs are calculated separately for feeder
4 and distribution cables. Feeder fill is based upon
5 working pairs divided by total pairs available as tracked
6 in the Customer Loop Assignment System (CLAS). A
7 distribution cable fill factors of 85% was used based on
8 the assumption of two pair per household.
9
- 10 Q. Could you please describe the cable plant mix inputs?
11
- 12 A. The cable plant mix inputs are developed separately for
13 copper feeder and distribution and fiber feeder. The
14 copper feeder and distribution mix is based upon Sprint's
15 actual mix of plant by the aerial, buried and underground
16 categories.
17
- 18 Q. Next, please describe how carrying charges were factored
19 into your unbundled loop study.
20
- 21 A. Once the installed investment cost for each grid is
22 determined, the model applies the total TSLRIC carrying
23 charge input for cable and wire facilities ("C&WF") to
24 the C&WF investment and applies the total TSLRIC carrying
25 charge for loop circuit to the loop circuit investment.

1 The carrying charges used are shown on the "Summary ACF"
2 Schedule behind tab "Annual Charge Factors" of the
3 Pricing and Costing Studies. The development of annual
4 charge factors is described later in my testimony.

5
6 Q. How were the individual grid cost results used?

7
8 A. The TSLRIC results for each grid were first grouped by
9 wire center and an average cost for each wire center was
10 calculated (see Schedule 1 behind tab "Local Loop" of the
11 Pricing and Costing Studies. For ease of administration,
12 the wire center level results were then grouped into six
13 bands based on the natural break points of the data (see
14 Schedule 4 behind tab "Local Loop" of the Pricing and
15 Costing Studies.

16
17 Q. As the final step in your approach to cost studies,
18 please explain your approach to the allocation of common
19 costs.

20
21 A. In order to comply with the FCC Order's direction to
22 include a contribution to common costs in the TSLRIC
23 based price, a common cost loading factor of █% was
24 applied to the BCPM results. The common cost study is
25 described later in my direct testimony.

1 Q. Please explain how Sprint's Unbundled Loop study complies
2 with the TSLRIC methodology.

3

4 A. Sprint's unbundled loop study meets all of the TSLRIC
5 criteria as follows:

6

7 1. TSLRIC studies are to utilize "total" direct
8 incremental costs which are based on:

9

10 • "Total" element demand. (FCC Order, ¶ 677.)

11

12 The unbundled loop study reflects the cost to serve all
13 the loops presently served within the Sprint serving
14 territory. By properly including the total element demand
15 the study includes the associated total incremental
16 costs. For example the study includes feeder and conduit
17 costs which are incremental to the total element demand,
18 but may not be incremental to smaller levels of demand
19 (e.g. total unbundled loops versus the next 100 unbundled
20 loops).

21

22 • The most efficient technology available. (FCC
23 Order, ¶ 690.)

24

25 The BCPM study assumes a cost efficient state of the art
loop design. In order to reduce cost, loops are assumed

1 to share common copper or fiber feeder cables for some
2 portion of their length. Loops beyond the 12,000 ft.
3 length limitations of copper distribution cable also
4 utilize the efficiencies of Digital Loop Carrier (DLC)
5 devices to concentrate loops onto common fiber feeder
6 cables. The sizing of cable and DLC devices are based on
7 the total demand and assume efficient levels of fill

8

- 9 • Costs which are viewed over the long run such that
10 all costs are "variable or avoidable." (FCC Order,
11 ¶ 677, 692.)

12

13 The unbundled loop study adheres with this TSLRIC
14 principle by treating all network components as
15 incremental and variable over the long run. If viewed
16 over a short run network components such as feeder cable
17 or conduit might be unaffected by increases in demand
18 over the same short run time period. This might occur due
19 to unutilized capacity which allows more units to be sold
20 without constructing more feeder cable or conduit.
21 However, when properly viewed over the long run, the
22 finite capacity of these network components will be
23 exhausted and therefore their cost is incremental and has
24 been properly reflected in Sprint's TSLRIC study.

25

1 • Cost causative pricing principles. (FCC Order, ¶
2 691.)

3

4 Sprint's TSLRIC meets this costing criteria by including
5 only those costs which meet the cost causation principle.

6

7 2. TSLRIC studies are to utilize risk-adjusted cost of
8 capital and economic depreciation lives. (FCC
9 Order, ¶ 703.)

10

11 As explained above, and in my discussion of the annual
12 charge factor below, the carrying charges used in the
13 TSLRIC loop study reflect a risk-adjusted cost of capital
14 and economic depreciation lives.

15

16 Prices for unbundled network elements are to include a
17 reasonable allocation of forward looking common costs (FCC
18 Order, 694.) Sprint's TSLRIC loop study includes a
19 reasonable contribution to forward looking common costs.

20

21 III. Annual Charge Factors

22

23 Q. What is the purpose of an annual charge factor?

24

25 A. The purpose of an annual charge factor is to convert an

1 investment amount into an annual recurring cost that
2 includes capital recovery, return, income and ad valorem
3 taxes, and direct maintenance expenses. The annual
4 recurring cost is then divided by twelve to derive the
5 monthly recurring cost. Factors were developed for each
6 type of plant included in the TSLRIC studies, e.g.,
7 digital switching, circuit equipment, underground
8 metallic cable, etc.

9

10 Q. Please describe Sprint's methodology for calculating the
11 annual charge factor used in the above unbundled network
12 element TSLRIC studies.

13

14 A. In order to calculate a single annual charge factor that
15 is applicable throughout the life of the investment, it
16 is necessary to smooth out the year-to-year differences
17 due to capital costs on a declining net investment. This
18 factor, when applied to investment, represents the cash
19 flows (when discounted by the cost of capital) necessary
20 to recover investment and related maintenance expense
21 over the economic life of the plant. The Company has
22 developed its own levelizer program, called the Annual
23 Charge Factor Program (ACFP) to develop these TSLRIC
24 factors. Schedule 1 behind tab "Annual Charge Factors"
25 of the Pricing and Costing Studies contains the ACFP

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output results used in the TSLRIC studies.

Q. What are the main components of the ACFP?

A. There are five main components.

1. Maintenance: Maintenance is stated as a percent of gross investment, and in most cases is based upon actual 1997 information.

2. Tax Depreciation: Actual tax depreciation schedules are used, which reflect the MACRS (Modified Accelerated Cost Recovery System) class of plant of each investment category.

3. Economic Life: Sprint's ACFP uses as a study period the predicted forward looking economic life of each investment.

4. Cost of Capital: The currently authorized federal cost of capital on investment of 11.25% is used and is supported in Mr. Quackenbush's testimony.

5. Ad Valorem Taxes: State specific property tax rates are used.

Q. Is the 11.25% cost of capital in this filing identical to Sprint's 11.25% cost of capital previously filed in this docket?

1 A. No, it is not. The previously filed studies used the
2 11.25% cost of capital in a manner that achieved an after
3 tax weighted return of 11.25%. The ACFs used in this
4 filing treat the 11.25% cost of capital as pre-tax. After
5 considering the tax deduction associated with the debt
6 component, the effective after tax cost of capital used
7 in this filing is [REDACTED] which is [REDACTED] below the level
8 previously filed.

9

10 VI. Other Direct and Common Costs

11

12 Q. Sprint agrees with the FCC that the price of an unbundled
13 element is equal to its TSLRIC plus a reasonable
14 allocation of common costs. How does Sprint calculate
15 the appropriate Other Direct and Common Cost factor?

16

17 A. The Other Direct and Common Cost study identifies two
18 non-capital components: one for the Other Direct
19 expenses associated with unbundled elements, and another
20 which provides a contribution to recover common cost.

21

22 Other Direct factors are developed for each unbundled
23 element. The Other Direct factors are added to the
24 TSLRIC annual charge factors to arrive at the total
25 TSLRIC annual charge factors.

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A single annual common expense factor is identified for all categories of unbundled elements. Adding the common factor to unbundled elements recognizes that common costs are a necessary component of the Total Economic cost for each unbundled element.

Sprint has created an Excel workbook model to determine both the Other Direct and Common Cost factors. The program uses the most current data available, the 1997 general ledger, and various account specific analyses to develop a relationship between forward-looking expenses and the associated "forward looking" TSLRIC investment.

The Other Direct and Common Cost Study is set up in a matrix format with the expense accounts listed in rows down the page and the unbundled element categories listed in columns across the page (see "Summary of Other Direct and Common Expense Allocations" Schedule, behind the tab "Other Direct and Common Cost" of the Pricing and Costing Studies. Utilizing principles of cost causation and special cost analyses, expenses are attributed and assigned to each unbundled element category. In addition, a matrix is created to identify the investment associated with each unbundled element category. The

1 information in the investment matrix is then used for the
2 Other Direct expense assignment and common cost
3 allocation process.

4
5 Expenses associated with unbundled elements are those
6 amounts forward looking and exclude retail costs that are
7 avoided in a wholesale unbundled environment. Thus, for
8 each applicable subaccount, the retail amount is
9 subtracted from the 1997 general ledger amount to obtain
10 the "Not-Avoided" wholesale level of expense.

11
12 The cost characteristic of each account is then
13 determined to be either a Direct expense, Other Direct
14 expense, Excluded or Common expense. Direct expenses are
15 included in the development of the annual charge factor
16 are used in the Other Direct and Common cost study to
17 calculate the Total TSLRIC cost. This Total TSLRIC cost
18 then serves as the denominator in calculating the common
19 cost factor. This method calculates the common cost
20 factor using the same base against which it is
21 subsequently applied.

22
23 The narrative provided with the Other Direct and Common
24 Cost study contains a list of the accounts contained in
25 each of the Direct, Other Direct, Excluded or Common

1 categories. The excluded accounts are those investments
2 and expenses which are either obsolete technologies (e.g.
3 analog switches) or are not associated with unbundled
4 network elements (e.g. paystations).

5
6 Expense amounts are assigned or allocated to one of the
7 unbundled network elements based upon one of the
8 following methods.

9
10 Direct - Directly assigned to a specific element. For
11 example, Line Testing (6533) expense is directly assigned
12 to loop.

13
14 Other Direct - Assigned based on a cost causative linkage
15 to another account. For example, CO Testing (6533)
16 expense is assigned based on central office investment.

17
18 Generally Allocated - Allocated based on a summary of the
19 direct and other direct allocation accounts. For
20 example, corporate overheads (67XX) are allocated in this
21 manner.

22
23 The operating expense for each unbundled element is
24 summed by type of cost: direct, other direct and common.
25 A return on investment with its associated income tax

1 effect is then added to the operating expense of each
2 unbundled element category by cost type.

3
4 Total direct TSLRIC investment for an unbundled element
5 is calculated by multiplying the associated TSLRIC unit
6 investment by the number of appropriate units (TSLRIC
7 unit investment is a study input and is based on the
8 results of the unbundled element studies).

9
10 Other Direct expense factors were then developed for each
11 unbundled element by dividing the total other direct
12 expenses by the associated TSLRIC investment. The Other
13 Direct expense factors were then added to the annual
14 charge factor to produce the Total TSLRIC factors as
15 shown in the "Summary of TSLRIC, Other Direct Operating
16 & Common Expense Factors" Schedule behind the tab "Other
17 Direct and Common Cost" of the Pricing and Costing
18 Studies. One overall common expense factor is calculated
19 based on the total unbundled elements. The calculation
20 uses the forwarding looking common costs as a numerator
21 and total unbundled elements TSLRIC as a denominator.
22 The calculation uses the forwarding looking common costs
23 as a numerator and total unbundled elements TSLRIC as a
24 denominator. The result of this calculation is a factor
25 of [REDACTED]%. As a matter of policy Sprint believes it is

1 appropriate to incent efficiency and has consistently
2 filed comments at the state and federal level in support
3 of a [REDACTED] maximum cap on common cost factors. Consistent
4 with this stance, the common cost factor of [REDACTED] % was
5 reduced to [REDACTED] %. This overall factor is used to provide
6 a uniform percentage contribution to common costs of [REDACTED] %
7 from all unbundled elements.
8

9 Q. How do the Other Direct Expense factors and the Common
10 Cost factor reflect forward-looking costs?
11

12 A. Exhibit KWD of my testimony contains an analysis which I
13 will now explain. Looking first at the line titled "Total
14 Other Direct Expenses" the analysis shows that only
15 [REDACTED] % of Sprint's current level of expenses is included
16 in the forward looking Other Direct Expense factors. This
17 results from the three adjustments made in columns B, D
18 and E. The adjustment in Column B subtracts expenses
19 which are avoided at wholesale per the results of
20 Sprint's Avoided Cost study. The adjustment in Column D
21 subtracts excluded expenses which are associated with
22 obsolete technologies such as analog switching and analog
23 carrier. Finally the adjustment in Column E removes a
24 forward looking level of revenues anticipated from non-
25 recurring charges for unbundled network elements thereby

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ensuring these costs are not recovered twice.

Looking now at the second line of Exhibit KWD titled "Total Common Expenses", the analysis shows that only [REDACTED] % of Sprint's current level of common expenses has been included in the calculation of the [REDACTED] % common costs factor. The adjustment in column D subtracts approximately [REDACTED] % of Sprint's common costs as being allocated to obsolete technologies. Further, the adjustments in column F removes additional [REDACTED] % of Sprint's actual 1997 common costs. In summary Exhibit KWD of my testimony clearly demonstrates that the expenses in column G which were used to develop the Other Direct and Common Costs factors have been substantially reduced to reflect a forward looking level of expense.

Q. Does this conclude your testimony?

A. Yes.

Other Direct and Common Cost - Study Summary

Sprint - Florida, Inc.

Nine Months Ending December 1997

	A	B	C	D	E	F	G	H
			C=A-B				G=C-D-E-F	H=G/(A-E)
Expense Type	Total Regulated	Avoided Expense	Non Avoided Expense	Excluded Expense	Rent Revenue/ Service Connection Revenue Offset	Reduction to 15% Cap	Unbundled Expense	%
Total Other Direct Expenses	[REDACTED]							
Total Common Expenses	[REDACTED]							

Exhibit KWD

Sprint-Florida, Incorporated
Docket No. 961230-TP
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