

REQUEST TO ESTABLISH DOCKET
(PLEASE TYPE)

Date JULY 10, 1996

Docket No. 960815-T2

- 1. Division Name/Staff Name COMMUNICATIONS/MUSSELWHITE
- 2. OPR _____
- 3. OCR _____

4. Suggested Docket Title REQUEST FOR APPROVAL OF TARIFF FILING TO ESTABLISH A SERVICE OFFERING FOR INTERCONNECTION OF MOBILE SERVICES (T-96-552 FILED 7/1/96)
BY Quincy Telephone Company

5. Suggested Docket Mailing List (attach separate sheet if necessary)

- A. Provide NAMES ONLY for regulated companies or ACRONYMS ONLY regulated industries, as shown in Rule 25-22.104, F.A.C.
- B. Provide COMPLETE name and address for all others. (Match representatives to clients.)

1. Parties and their representatives (if any)

QUINCY TELEPHONE COMPANY

2. Interested Persons and their representatives (if any)

6. Check one:
- Documentation is attached.
 - Documentation will be provided with the recommendation.

DOCUMENT NUMBER-DATE
07250 JUL 10 96
FPSC-RECORDS/REPORTING

T - 96 - 552

P.O. Box
Madison, WI 53705 0158

301 S. Westfield Road
Madison, WI 53717

TDS TELECOM

State Regulatory Affairs

July 1, 1996

Mr. Walter D'Haesleer
Florida Public Service Commission
Division of Communications
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0800

**RE: Quincy Telephone Company
Interconnection of Mobile Services Tariff Filing**

Dear Mr. D'Haesleer:

Please find enclosed one original and four copies of the following tariff pages:

**Section A12, Third Revised Contents Sheet 1
Second Revised Sheets 1 through 8
Fourth Revised Sheet 9
Second Revised Sheets 10 through 11
Original Sheets 12 through 14**

This tariff filing establishes a service offering for the interconnection of mobile services. Type 2A mobile interconnection and Land to Mobile service, have been excluded from this tariff filing as Quincy Telephone Company is unable to offer these services.

Enclosed you will find:

1. The proposed tariff section A12, sheets 1 through 14.
2. A coded copy of the tariff sheet that compares the existing to the proposed.
3. A separate copy of the cover letter and self addressed envelope for you to return acknowledging receipt of the tariff filing (enclosed one original copy only).

The associated revenue projections are shown on the attached addendum entitled "Quincy Mobile Interconnection - Projected Revenues."



67 C.W. 1-707 96
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GENERAL EXCHANGE TARIFF

QUINCY TELEPHONE
COMPANY
Quincy, Florida
Issued February 22, 1996

Third SECTION A12
~~SECOND~~ REVISED CONTENTS SHEET 1
CANCELLED ~~FIRST~~ ^{GROUP} REVISED SHEET 1
Effective: APR 30 1996

~~A12~~ INTERCONNECTION OF MOBILE SERVICES

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GENERAL EXCHANGE TARIFF

QUINCY TELEPHONE
COMPANY

Quincy, Ill. Co.
Issued: February 22, 1996

Second SECTION A12
~~FIRST~~ REVISED SHEET 1
CANCELS ORIGINAL SHEET 1
Effective: APR 30 1996

A. GENERAL

1. The services offered herein are for use by Mobile Service Providers (MSPs) to allow interconnection of the wireless or radio network of these carriers to that part of the Public Switched Network (PSN) owned and operated by the Company. (MSPs are commercial mobile radio services (CMRS) providers operating under authority of the FCC, as defined in the FCC Rules and Regulations, Part 20. The term MSP shall also include authorized resellers of CMRS and prospective CMRS providers who have been declared spectrum auction winners by the FCC.) Circuits furnished by the Company to Mobile Service Providers (MSPs) which do not connect to the PSN, such as radio control links, are not covered in this Tariff.
2. These services are offered at the rates specified herein from central offices equipped to accommodate the interconnections and service options described by the MSP.
3. The rates contained in this section contemplate the use of equipment, service arrangements and service standards or capabilities normally provided by the Company. When non-standard equipment or services such as transmission characteristics and signaling of a special type are requested, they may be provided via the special conditions process for each case as prescribed in Section A5. The rates for these arrangements will be applied in addition to those applicable in this or other Tariff sections.
4. The regulations, rates, and charges contained herein are in addition to the applicable regulations, rates, and charges specified in other sections of this Tariff.
5. Directory listings for the MSP are provided in accordance with the regulations and rates prescribed Section A6. Clients of the MSP are provided listings at the rates specified for Additional Main Listings - Business in Section A6.
6. Calls subject to Operator Assisted charges as defined in Section A3.E, local and long distance Verification and Emergency Interrupt Service as defined in A3.F, and local and long distance Directory Assistance Service as defined in A12.E.8 of this Tariff will be individually itemized on the MSP's bill.
7. Usage charges as specified in A12.E.4, will not apply to calls to Directory Assistance or for 911 Emergency Service (where available).¹

¹ Government agencies may require the MSP to acquire special arrangements and incur additional charges to identify the location of the calling party.

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GENERAL EXCHANGE TARIFF

QUINCY TELEPHONE
COMPANY
Quincy, Florida
Issued: February 22, 1996

SECTION A12
~~FIRST~~ ^{SECOND} REVISED SHEET 2
CANCELS ~~ORIGINAL~~ SHEET 2
Effective: ~~APR 30 1996~~

INTERCONNECTION OF MOBILE SERVICES

A. GENERAL (Cont'd)

8. When the Company relies on data supplied by the MSP to prepare and render a bill to the MSP, a right of audit by the Company is reserved. The audit of the call records shall be performed by an independent third party at the Company's discretion, but no more than annually. If the reported traffic is found to be understated by more than five percent, the MSP shall reimburse the Company for the reasonable cost of the audit.
9. The appropriate service charges in Section A4 apply to the establishment and rearrangement of services provided under this section. In addition, in the instance of the rearrangement of facilities, the nonrecurring charge specified in A12.E shall apply as well as any charges described under paragraph 3. above.
10. The services provided under this Tariff shall be used by the MSP only for the handling of interchanged traffic originating or terminating on the MSP's system in conjunction with their operating authority.
11. The services provided under this Tariff may not be used, switched, or otherwise connected together, except on an ancillary basis such as call forwarding, by the MSP for provision of through calling from a landline telephone to another landline telephone. Mobile service providers found to be in violation of this provision will be subject to disconnection. For purposes of enforcement, MSPs will make their records available for audit by the Company. The Company agrees to protect the confidentiality of all records made available for audit.
12. DS1 service denotes a channel service expressed in terms of its digitally encoded data bit rate in accordance with a North American hierarchy of digital signal levels. It has a 1.544 Mbps transmission data rate and provides for the two-way simultaneous transmission of isochronous timed Bipolar Return-To-Zero (BPRZ) bit stream format. Unframed signal formats are not permitted or compatible with Company equipment. The required format and specifications are contained in Bellcore Technical Reference Pub 62508 and Pub 62411, or their successors.
13. The mileage to be used to determine the monthly rate for facilities is calculated on the airline mileage between the two locations involved. All mileage will be calculated as described in Section B3.1.3 of the BellSouth Private Line Service Tariff.
14. The Company will respond to trouble reports from MSP's in the same manner and same priority as is provided to other common carriers.

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GENERAL EXCHANGE TARIFF

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COMPANY
Quincy, Florida
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SECTION A12
Second ~~First~~ REVISED SHEET 3
CANCELING ORIGINAL SHEET 3
Effective: APR 30 1996

INTERCONNECTION OF MOBILE SERVICES

A. GENERAL (Cont'd)

15. The Company and MSPs will cooperate in jointly planning network interconnection and facility requirements.
16. Custom Code Restriction is available to MSPs as described in Section A13.J for Type 1 Interconnections and Mobile Services Dial Lines. If the MSP does not subscribe to this option, it becomes the MSP's responsibility to either block calls or accept charges incurred by their subscribers.
17. Central office facilities and blocks of telephone numbers provided by the Company for the MSP's use shall be assigned by the Company and may be changed to meet the reasonable operating and service requirements of the Company. The MSP shall not acquire any proprietary interest in numbers assigned for use. Where such changes are to be made, the Company shall advise the MSP in writing not less than sixty days in advance and will coordinate the changes with the MSP.
18. Subscribers of the MSP shall report all cases of trouble to the MSP. The MSP shall handle such trouble reporting and advise the Company.

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GENERAL EXCHANGE TARIFF

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COMPANY
Quincy, Florida
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Second SECTION A12
~~FIRST~~ REVISED SHEET 4
CANCELING ORIGINAL SHEET 4
Effective: APR 30 1996

INTERCONNECTION OF MOBILE SERVICES

B. MOBILE SERVICE PROVIDER TRUNKS

1. MSP trunks are direct connections between a MSP's Point of Termination (POT) and a Company end office. The MSP establishes connections to other Company end offices and other MSPs through this interface. In addition, this form of interconnection allows the MSP to establish connection to Company Operator Services, Directory Assistance, and 911 Emergency Service (where available).
2. These services are offered at the rates specified herein. For the purposes of this Tariff section, MSP trunks (two-way and one-way outward) are defined as line side connections to an end office that are two (2) wire circuits, or their equivalence, using loop start or ground start supervision with either dial pulse (DP) or dual tone multifrequency (DTMF) address pulsing and transmission characteristics that do not exceed a nominal loss of 5dB. MSP trunks (one-way inward) are defined as trunk side connections to an end office that are two (2) wire circuits, or their equivalence, using reverse battery supervision with either dial pulse (DP) or dual tone multifrequency (DTMF) address pulsing, controlled by wink start operation, and transmission characteristics that do not exceed a nominal loss of 5dB. These will be the minimum grades of service for trunk arrangements offered under the provisions of this Tariff section. Different signaling arrangements or transmission characteristics other than those defined as standard may be provided at additional rates as described in A12.A.3.
3. MSP Trunks (two-way and one-way outward) may be arranged as follows:
 - a. The MSP is alerted to an incoming call via a 20 Hz ringing signal.
 - b. Outward calls may use either dial pulse (DP) or dual tone multifrequency (DTMF) address pulsing.
 - c. Dual tone multifrequency (DTMF) is an available option only in those offices that are suitably equipped. Otherwise, the provisions of A12.A.3 apply.
4. MSP Trunks (one-way inward) may use either dial pulse (DP) or dual tone multifrequency (DTMF) address pulsing using wink start operation to control the outpulsing of digits. DTMF is an available option only in those offices that are suitably equipped.
5. The MSP's equipment shall provide the necessary on-hook, off-hook, answer, and disconnect signals, and in all cases, shall comply with the technical specifications described in Bellcore Technical References PUB 611000 and TR-NPL-0000275.

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GENERAL EXCHANGE TARIFF

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COMPANY

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Second ~~FIRST~~ REVISED SHEET 5
~~ORIGINAL SHEET 5~~
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INTERCONNECTION OF MOBILE SERVICES

B. MOBILE SERVICE PROVIDER TRUNKS (Cont'd)

6. At the request of the MSP or at the discretion of the Company, subject to the operating limits and availability of facilities, these services may be provided from central offices other than the MSP's serving central office. When voice grade circuits are served from other than the MSP's normal serving central office, appropriate mileage rates apply as specified in Section A12.E. When DS-1 service is provided from other than the MSP's normal serving central office, the rates specified in Section B.7 of BellSouth's Private Line Service Tariff apply.

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GENERAL EXCHANGE TARIFF

QUINCY TELEPHONE
COMPANY

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CANCELING ORIGINAL SHEET 6
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INTERCONNECTION OF MOBILE SERVICES

C. TYPE 1 INTERCONNECTION

1. A Type 1 interconnection is a direct trunk connection with line side treatment between a MSP's POT and the trunk side of a Company end office. The MSP establishes connections to other Company end offices and other MSPs through this interface. In addition, this form of interconnection allows the MSP to establish connection to Company Operator Services, Directory Assistance, and 911 Emergency Service (where available).
2. These services are offered at the rates specified herein from central offices where necessary service options are available. For the purposes of this Tariff section, Type 1 services are defined as trunk side connections to an end office that are four (4) wire circuits using only E&M supervision with multifrequency (MF) address pulsing, controlled by wink start operation, and transmission characteristics that comply with Technical Reference TR-EOP-000352.
3. Type 1 service may be arranged for one-way inward (to the MSP), one-way outward (from the MSP), and two-way operation and is available only in suitably equipped end offices.
4. The MSP's equipment shall provide the necessary on-hook, off-hook, answer, and disconnect signals and shall, in all cases, comply with the technical interconnection specifications described in Bellcore Technical Reference TR-NPL-0000145.
5. When Direct-Inward-Dialing (DID) is furnished in conjunction with Type 1 service, it will be provided only from central offices where DID is offered and where adequate equipment is available.
6. At the request of the MSP or at the discretion of the Company, subject to the operating limits and availability of facilities, these services may be provided from central offices other than the MSP's serving central office. When trunks are served from other than the MSP's normal serving central office, appropriate mileage rates apply as per this Tariff for voice grade service or BellSouth's Private Line Service Tariff for DS1 service.

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GENERAL EXCHANGE TARIFF

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INTERCONNECTION OF MOBILE SERVICES

D. TYPE 2B INTERCONNECTION

1. A Type 2B interconnection is a direct trunk connection between a MSP's POT and a Company end office. With Type 2B interconnection, the MSP is able to establish connection through the Company's facilities only to and from those valid central office prefixes (NXX's) served by the end office at which the Type 2B service is provided.
2. For purposes of this Tariff, Type 2B services are defined as trunk side connections to an end office that are four (4) wire circuits using only E&M supervision with multifrequency (MF) address pulsing, controlled by wink start operation, and have transmission characteristics that comply with TR-EOP-000352.
3. The MSP's facilities shall provide the necessary on-hook, off-hook, answer, and disconnect supervision, and shall, in all cases, comply with the technical interconnection specifications described in Bellcore Technical Reference TR-NPL-000145 or subsequent Industry accepted revisions.
4. A Type 2B interconnection cannot be used to access Directory Assistance, Operator Services, or 911 Emergency Service.
5. For Type 2B interconnection, mileage charges between the normal Company serving wire center and the tandem or end office apply as per this Tariff for voice grade service, or Section B7 of BellSouth's Private Line Service Tariff for DS1 service.

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GENERAL EXCHANGE TARIFF

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COMPANY

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FIRST REVISED SHEET 8
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INTERCONNECTION OF MOBILE SERVICES

E. RATES AND CHARGES

1. Mobile Service Provider Trunks

a. One-way outward and two-way¹

	Nonrecurring Charge	Monthly Rate
1) Local loop without rotary		
a) Two-way	see A4	\$35.00
b) One-way outward (MSP to C.O.)	see A4	35.00

2) Local loop with rotary

a) Two-way see A4 53.35

b. One-way inward^{2,3}
(Includes rotary)

	Nonrecurring Charge	Monthly Rate
1) Local loop		
a) Each	see A4	\$53.35
2) Trunk termination		
a) Direct Inward Dialing ⁴ (C.O. to MSP)	90.00	29.30

¹ May be optioned for either loop or ground start operation.

² Uses reverse battery supervision. May be optioned for either wink start or immediate start operation.

³ This service provides outpulsing of digits from the central office toward the MSP (direct inward dialing service).

⁴ Uses dial pulse (DP), dual tone multifrequency (DTMF), or multifrequency (MF) address pulsing.

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GENERAL EXCHANGE TARIFF

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COMPANY

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INTERCONNECTION OF MOBILE SERVICES

E. RATES AND CHARGES (Cont'd)

2. Type 1 or Type 2B circuits (four-wire)

a. Facilities

	Nonrecurring Charge	Monthly Rate
1) Local loop ¹		
a) Local loop, first	\$395.00	\$53.35
b) Local loop, each additional ²	140.00	53.35
2) Signaling		
a) E&M (per loop)	46.00	9.50
3) C.O. Equipment termination		
a) Trunk termination (per loop)	90.00	29.30
4) Interoffice channels		
a) Fixed (per channel)		
(1) 0 through 8 miles	89.00	28.50
(2) 9 thru 25 miles	89.00	28.50
(3) over 25 miles	89.00	28.50
b) Variable (per channel, per mile or fraction thereof)		
(1) 0 through 8 miles	--	1.65
(2) 9 thru 25 miles	--	1.60
(3) over 25 miles	--	1.55

¹ A local loop extends from the carrier location to the serving wire center.

² Each additional loop from the carrier location to the same wire center.

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GENERAL EXCHANGE TARIFF

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Quincy, Florida
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INTERCONNECTION OF MOBILE SERVICES

E. RATES AND CHARGES (Cont'd)

3. DS1 Service

DS1 service denotes twenty-four voice grade channels encoded at 1.544 Mbps in accordance with the North American hierarchy of digital signal levels.

a. Twenty-four (24) Voice Equivalent Channels

1) Facilities

Facilities are provided according to the rates and conditions specified in section B7 of BellSouth's Private Line Service Tariff. Note that the service establishment fee for DS1 service is applicable.

2) Trunk termination

	Nonrecurring Charge	Monthly Rate
a) At the Company switch	\$60.00	\$39.00

b. Less than Twenty-four (24) Voice Equivalent Channels

1) Facilities

Facilities are provided according to the rates and conditions specified in section B7 of BellSouth's Private Line Service Tariff. Note that the service establishment fee for DS1 service is applicable.

2) Channelization

Channelization is provided according to the rates and conditions specified in section B7.3 of BellSouth's Private Line Service Tariff. Channelization charges will include a basic system of twenty-four channels at the central office, plus feature activation charges at the central office for the number of channels ordered.

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GENERAL EXCHANGE TARIFF

QUINCY TELEPHONE
COMPANY
Quincy, Florida
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FIRST REVISED SHEET 11
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INTERCONNECTION OF MOBILE SERVICES

E. RATES AND CHARGES (Cont'd)

4. Network Usage¹

- a. The following usage charges apply to all Type 1 and MSP Trunks mobile originated intraLATA calls. The minutes of use or portion thereof for each call will be accumulated for the monthly billing period. The usage charges will be billed based on the total monthly minutes.

	Peak	Off-Peak
1) Per access minute of use		
a) Up to 500,000 minutes	0.03258	0.02590
b) 500,001 through 1,000,000 minutes	0.03077	0.02590
c) 1,000,001 minutes and above	0.02896	0.02590

- b. Calls placed in the following listed time periods are considered to be Off-Peak:

TIME

All Days, 8:00 P.M. - 9:00 A.M.

Saturdays and Sundays, 9:00 A.M. - 5:00 P.M.

¹ Where a Company tandem office is not equipped to record the usage detail, the interim method of obtaining data necessary to bill usage through the tandem office requires the mobile service provider to furnish monthly message count data to the Company. The assumptions used by the Company in calculating usage charges follow:

- a. average holding time per message = two minutes
- b. 70 percent of messages occur during peak rate period
- c. 30 percent of message occur during off-peak rate period

The interim method will remain in effect until Company end offices have the capability to record usage detail.

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