

State of Florida  
 -M-E-M-O-R-A-N-D-U-M-

990000



# Public Service Commission

**DATE:** April 27, 1999  
**TO:** Division of Records and Reporting (Bayo)  
**FROM:** Division of Communications (Moses) *CB used*  
 Division of Legal Services (Bedell)  
**RE:** Retroactive effective dates for certificate cancellations requested in 1997 and taken to Agenda in December 1997, January and February 1998.

The certificates in the following dockets were canceled without an effective date. The certificate holders are being incorrectly assessed Regulatory Assessment Fees for 1998. The dockets opened in 1997 had cancellation requests received in 1997 and the cancellations should be effective 12/31/97. Staff also reviewed the dockets opened in early 1998 to determine whether staff either received, or the certificate holder requested, a specific cancellation date to be effective in 1997. Documentation for the 1998 dockets with a 1997 cancellation date is attached.

Staff requests that the following dockets be amended to reflect the effective dates listed below.

	<u>DOCKET NO.</u>	<u>COMPANY</u>	<u>EFFECTIVE DATE</u>
	971406-TC	Graphic Results Corporation d/b/a Access Graphic Results	12/31/97
	971457-TI	Southern Interexchange Services, Inc.	12/31/97
	971630-TC	Summit Communications of Sarasota LLC Inc.	12/31/97
	971631-TC	Richard Younglove, Sr.	12/31/97
	971639-TC	James M. Bickhardt	12/31/97
	971640-TC	Stephen Bernand Scherman d/b/a UNICOM I	12/31/97
FA	971642-TC	Horizon Payphones Inc.	12/31/97
PP	971645-TC	Ognab Enterprises, Inc.	12/31/97
AF	971647-TC	Orange Business Systems, Inc.	12/31/97
MU	971649-TC	Joseph A. Roberts d/b/a J.R. Communications	12/31/97
TR	971650-TC	Joseph J. Antoniato	12/31/97
AG	971651-TC	Javed Siddiqui	12/31/97
EG	971653-TC	Chen Lun Chen/Ching Chiang Chen d/b/a C & C	12/31/97
MAS	971654-TC	Sublime N.V. d/b/a Lincoln Park West, Inc.	12/31/97
DPC	971655-TC	T. J. Cooper	12/31/97
RRR	971656-TC	Robert A. Gusman	12/31/97
SEC			
NAW			
JTH			

*Get to each dkt only to 990000*

DOCUMENT NUMBER - DATE

05411 APR 28 99

FPSC-RECORDS/REPORTING

<u>DOCKET NO.</u>	<u>COMPANY</u>	<u>EFFECTIVE DATE</u>
971657-TC	Michael L. Hei	12/31/97
971664-TC	Talley Communications, Inc.	12/31/97
971665-TI	Business Telephone Network, Inc.	12/31/97
971666-TC	Sahadeo Bickram	12/31/97
971671-TC	Joseph P. Rieth	12/31/97
971672-TC	JP-Bar Inc.	12/31/97
971675-TX	Global Tel*Link Corporation	12/31/97
971676-TC	Quarter Communications, Inc.	12/31/97
980012-TC	Paulo Maldonado	12/31/97
980013-TC	Martin Marks	12/15/97
980014-TC	Jeffrey A. Jordan d/b/a Society Telecom	12/19/97
980015-TC	Roger D. Treece	12/30/97
980016-TC	New Limits, Inc.	12/29/97
980017-TC	Manuel Ruiz	12/31/97
980018-TC	Robalco, Inc.	12/31/97
980019-TC	Brothers Auto Center, Inc.	12/31/97
980055-TC	Susan Bauer Parham and Richard Lee Parham	08/08/97
980080-TI	TW Communications, Inc. d/b/a TWC, Inc.	11/01/97

Attachments

cc: Division of Communications (McCoy)  
Division of Legal Services (Peña)  
Division of Administration (Sewell)

From: Kay Flynn  
To: Rick Moses  
Subject: fwd: 4/27/99 memo on retroactive effective dates

CONFIRMED

====NOTE=====4/29/99==9:07am=====

CC: Catherine Bedell, Nonnye Grant

Rick, Nonnye showed me the memo we just received that listed effective date to be used for voluntary cancellation dockets from late 1997 and early 1998--the idea is to enter a 1997 inactive date in MCD so the companies won't show as owing 1998 RAFs. She also has a memo dated 3/4/98 from Brenda and Kim that listed a good many of these dockets and companies and provided us with effective dates. The dates do differ, however. For instance, in Docket 971630, we were told in the March 1998 memo that the effective inactive date was to be 12/11/97. In the April 1999 memo, 12/31/97 is the effective date. In other words, still effective in 12/97, just not the same date. 25 of the dockets in the March 1998 memo are repeated in the April 1999 memo. For those where we already have effective dates ending in 1997, we're going to leave the dates given to us last year (unless there is a compelling reason to change those also). For the others (which a quick glance indicates have effective dates sometime in January 1998), we're going to change to agree with the April 1999 memo.

RECORDED AND REPLYING

99 APR 29 AM 11:55

RECEIVED-PPSC

Does this sound okay, or can you even make sense of it? Kay

Fwd-by:=Rick=Moses====4/29/99==9:11am=====

Fwd to: Kay Flynn

It sounds fine. Sorry for all this confusion.

Fwd-by:=Kay=Flynn====4/29/99==9:16am=====

Fwd to: Rick Moses

CC: Nonnye Grant

Okay--we'll go forward with our plan. Thanks.

Fwd-by:=Nonnye=Grant==4/29/99=10:03am=====

Fwd to: Kay Flynn

CC: Rick Moses

Am now working on the ones that need to be changed. Glad that I don't have to go in and change all of them, but if I had to, would do that. Thanks.

- AFA \_\_\_\_\_
- APP \_\_\_\_\_
- CAF \_\_\_\_\_
- CMU \_\_\_\_\_
- CTR \_\_\_\_\_
- EAG \_\_\_\_\_
- LEG \_\_\_\_\_
- MAS \_\_\_\_\_
- OPC \_\_\_\_\_
- RRR \_\_\_\_\_
- SEC \_\_\_\_\_
- WAW \_\_\_\_\_
- OTH Teach dkt

TF 966

December 21, 1997

To:

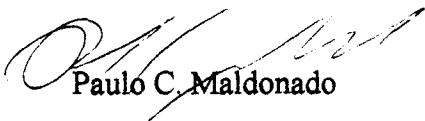
FLORIDA PUBLIC SERVICE COMMISSION  
2540 SHUMARD OAK BOULEVARD  
TALLAHASSEE, FL 32399-0850

Dear Sirs

With this, I notify that I'd intend to cancel my certificate because I don't have pay telephones at this time and never had before.

Enclosed I'm sending my last payment in the amount of \$50.00.

Sincerely,

  
Paulo C. Maldonado

**RECEIVED**

**DEC 31 1997**

**CMU**

**Pay Telephone Service Provider Regulatory Assessment Fee Return**

*PLEASE CANCEL CERTIFICATE AS OF DEC. 15th, 1997*

Florida Public Service Commission  
(See Filing Instructions on Back of Form)

STATUS:

Actual Return  
 Estimated Return

TF662 P173 997 686  
Martin Marks DEPOSIT DATE  
5905 N.W. 97th Drive  
Parkland, FL 33076-1856 75 DEC 19 1997  
*ATT: CHARLES BYRNE*

PERIOD COVERED:  
01/01/1997 TO 12/31/1997

FOR PSC USE ONLY	
Check#	1087
\$	50.00 0603002
	003001
\$	P 0603002
	004011
\$	I
Postmark Date	12/16/97
Initials of Preparer	AP

Please Complete Below If Address Has Changed

\_\_\_\_\_  
(Name of Company) (Address) (City/State) 97 (Zip)

LINE NO.	ACCOUNT CLASSIFICATION	AMOUNT
1.	Gross Operating Revenue	
2.	Gross Intrastate Revenue	
3.	LESS: Amounts Paid for Services to Local Telephone Companies (Attach Listing)*	
4.	<b>TOTAL REVENUES for Regulatory Assessment Fee Calculation (Line 2 less Line 3)</b>	\$ _____
5.	Regulatory Assessment Fee Due — (Multiply Line 4 by 0.0015)	_____
6.	Penalty for Late Payment	_____
7.	Interest for Late Payment	_____
8.	<b>TOTAL AMOUNT DUE</b>	\$ <u>50.</u>

97  
DEC 8 AM 10:30  
MAIL ROOM

AS PROVIDED IN SECTION 364.336 FLORIDA STATUTES, THE MINIMUM ANNUAL FEE IS \$50

THIS FORM MUST BE COMPLETED AND RETURNED REGARDLESS OF THE AMOUNT OF REVENUES REPORTED

9. Number of pay telephones in operation at close of period covered by this Return 0

\*Each amount paid by a pay telephone company to a telecommunications company providing local service for use of the local network shall be deducted from intrastate revenue for purposes of determining the amount of the regulatory fee assessed the pay telephone company.

I, the undersigned owner/officer of the above-named company, have read the foregoing and declare that to be best of my knowledge and belief, the above information is a true and correct statement. I am aware that pursuant to section 837.06, Florida Statutes, whoever knowingly makes a false statement in writing with the intent to mislead a public servant in the performance of his official duty shall be guilty of a misdemeanor of the second degree.

Martin Marks \_\_\_\_\_  
(Signature of Company Official) (Title) (Date)  
MARTIN MARKS \_\_\_\_\_  
(Please Print Name) Telephone Number ( ) \_\_\_\_\_  
F.E.I. No. \_\_\_\_\_

Pay Telephone Service Provider Regulatory Assessment Fee Return

Florida Public Service Commission

(See Filing Instructions on Back of Form)

STATUS:

Actual Return  
Estimated Return

TF523 P173 997 972  
Society Telecom  
2264 Clipper Way DEPOSIT  
Naples, FL 34104-3320  
D 6 7 5  
DATE  
DEC 19 1997

FOR PSC USE ONLY  
Check# 5410  
\$ 50.00 0603002  
003001  
\$ P 0603002  
004011  
\$ I  
Postmark Date 12/16/97  
Initials of Preparer RR

PERIOD COVERED:  
01/01/1997 TO 12/31/1997

Please Complete Below If Address Has Changed

Society Telecom (Name of Company) 2264 Clipper Way (Address) Naples FL (City/State) 34104 (Zip)

LINE NO.	ACCOUNT CLASSIFICATION	AMOUNT
1.	Gross Operating Revenue	\$ _____
2.	Gross Intrastate Revenue	_____
3.	LESS: Amounts Paid for Services to Local Telephone Companies (Attach Listing)*	( _____ )
4.	TOTAL REVENUES for Regulatory Assessment Fee Calculation (Line 2 less Line 3)	\$ _____
5.	Regulatory Assessment Fee Due — (Multiply Line 4 by 0.0015)	_____
6.	Penalty for Late Payment	_____
7.	Interest for Late Payment	_____
8.	TOTAL AMOUNT DUE	\$ 57.5

AS PROVIDED IN SECTION 364.336 FLORIDA STATUTES, THE MINIMUM ANNUAL FEE IS \$50

THIS FORM MUST BE COMPLETED AND RETURNED REGARDLESS OF THE AMOUNT OF REVENUES REPORTED

9. Number of pay telephones in operation at close of period covered by this Return \_\_\_\_\_

Please Cancel Cont. Business Failed. Locations Sold!

\*Each amount paid by a pay telephone company to a telecommunications company providing local service for use of the local network shall be deducted from intrastate revenue for purposes of determining the amount of the regulatory fee assessed the pay telephone company.

I, the undersigned owner/officer of the above-named company, have read the foregoing and declare that to be best of my knowledge and belief, the above information is a true and correct statement. I am aware that pursuant to section 837.06, Florida Statutes, whoever knowingly makes a false statement in writing with the intent to mislead a public servant in the performance of his official duty shall be guilty of a misdemeanor of the second degree.

(Signature of Company Official)  
Jeffrey A. Jenkins  
(Please Print Name)

(Title)  
Owner  
Telephone Number (941) 643 4395  
F.E.I. No. \_\_\_\_\_  
Date 12-15-97

Pay Telephone Service Provider Regulatory Assessment Fee Return

Florida Public Service Commission

(See Filing Instructions on Back of Form)

STATUS:

0 Actual Return  
0 Estimated Return

TF941 P173 997 922 97 DEC 30 PM 2:20  
 Roger D. Treece  
 4039 Mission Bell Drive  
 Boynton Beach, FL 33436-2621  
 DEPOSIT DATE  
 D 6 7 9 1997

FOR PSC USE ONLY  
 Check# 527  
 \$ 50.00 0603002  
 \$ 2 003001  
 P  
 0603002  
 004011  
 I  
 Postmark Date 12-26-97  
 Initials of Preparer VM

Please Complete Below If Address Has Changed

ROGER D TREECE 4039 MISSION BELL DR BOYNTON BCH, FL 33436  
 (Name of Company) (Address) (City/State) (Zip)

LINE NO.	ACCOUNT CLASSIFICATION	AMOUNT
1.	Gross Operating Revenue	\$ <u>0</u>
2.	Gross Intrastate Revenue	<u>0</u>
3.	LESS: Amounts Paid for Services to Local Telephone Companies (Attach Listing)*	( <u>0</u> )
4.	TOTAL REVENUES for Regulatory Assessment Fee Calculation (Line 2 less Line 3)	\$ <u>0</u>
5.	Regulatory Assessment Fee Due — (Multiply Line 4 by 0.0015)	<u>50.00</u>
6.	Penalty for Late Payment	<u>0</u>
7.	Interest for Late Payment	<u>0</u>
8.	TOTAL AMOUNT DUE	\$ <u>50.00</u>

AS PROVIDED IN SECTION 364.336 FLORIDA STATUTES, THE MINIMUM ANNUAL FEE IS \$50

THIS FORM MUST BE COMPLETED AND RETURNED REGARDLESS OF THE AMOUNT OF REVENUES REPORTED

9. Number of pay telephones in operation at close of period covered by this Return 0  
*PLEASE CANCEL MY CERTIFICATE SINCE I NEVER GOT INTO BUSINESS.*

\*Each amount paid by a pay telephone company to a telecommunications company providing local service for use of the local network shall be deducted from intrastate revenue for purposes of determining the amount of the regulatory fee assessed the pay telephone company.

I, the undersigned owner/officer of the above-named company, have read the foregoing and declare that to be best of my knowledge and belief, the above information is a true and correct statement. I am aware that pursuant to section 837.06, Florida Statutes, whoever knowingly makes a false statement in writing with the intent to mislead a public servant in the performance of his official duty shall be guilty of a misdemeanor of the second degree.

Roger D. Treece  
 (Signature of Company Official)  
ROGER D. TREECE  
 (Please Print Name)

PRESIDENT 12/26/97  
 (Title) (Date)  
 Telephone Number (561) 375-8798  
 F.E.I. No. \_\_\_\_\_

Pay Telephone Service Provider Regulatory Assessment Fee Return

RECEIVED

Florida Public Service Commission  
(See Filing Instructions on Back of Form)

FOR PSC USE ONLY	
Check#	0762
\$	50.00
	0603002
	003001
\$	P
	0603002
	004011
\$	I
Postmark Date	12-24-97
Initials of Preparer	vm

STATUS:

Actual Return  
 Estimated Return

TF711	P173 997 74797	DEC 29 AM 11:22
New Limits, Inc.		
5757 Calais Blvd., N., #4	MAIL ROOM	
St. Petersburg, FL 33714-2010	DATE	
D 6 7 9	DEC 29 1997	

PERIOD COVERED:  
 01/01/1997 TO 12/31/1997

Please Complete Below If Address Has Changed

NEW LIMITS

(Name of Company)

(Address)

(City/State)

(Zip)

LINE NO.	ACCOUNT CLASSIFICATION	AMOUNT
1.	Gross Operating Revenue	\$ 396
2.	Gross Intrastate Revenue	285 76
3.	LESS: Amounts Paid for Services to Local Telephone Companies (Attach Listing)*	( 0 )
4.	TOTAL REVENUES for Regulatory Assessment Fee Calculation (Line 2 less Line 3)	\$ 681 76
5.	Regulatory Assessment Fee Due — (Multiply Line 4 by 0.0015)	1.02
6.	Penalty for Late Payment	0
7.	Interest for Late Payment	0
8.	TOTAL AMOUNT DUE	\$ 50 00

AS PROVIDED IN SECTION 364.336 FLORIDA STATUTES, THE MINIMUM ANNUAL FEE IS \$50

THIS FORM MUST BE COMPLETED AND RETURNED REGARDLESS OF THE AMOUNT OF REVENUES REPORTED

9. Number of pay telephones in operation at close of period covered by this Return Phone Sold

*\* Please cancel my Certificate \**

\*Each amount paid by a pay telephone company to a telecommunications company providing local service for use of the local network shall be deducted from intrastate revenue for purposes of determining the amount of the regulatory fee assessed the pay telephone company.

I, the undersigned owner/officer of the above-named company, have read the foregoing and declare that to be best of my knowledge and belief, the above information is a true and correct statement. I am aware that pursuant to section 837.06, Florida Statutes, whoever knowingly makes a false statement in writing with the intent to mislead a public servant in the performance of his official duty shall be guilty of a misdemeanor of the second degree.

Larry L. Sacco  
 (Signature of Company Official)  
LARRY L. SACCO  
 (Please Print Name)

President  
 (Title)  
12/24/97  
 (Date)  
 Telephone Number (813) 522-1198  
 F.E.I. No. 59-3241101





RECEIVED  
FLORIDA PUBLIC  
SERVICE COMMISSION

97 DEC 31 AM 8:09  
MAIL ROOM

MANUEL KUITZ OR  
MARTEN OTERO  
BOS-553-6987  
← F759

DEPOSIT DATE  
DEC 31 1997  
D679

cancel the certificate  
longer valid you

To whom it may concern:  
This is payment for  
Manuel Kuitz's bill. Please  
12-27-97  
\$ 50.00  
CK# 98  
1M



980017-TC

980018-T

Pay Telephone Service Provider Regulatory Assessment Fee Return

RECEIVED

Florida Public Service Commission  
(See Filing Instructions on Back of Form)

FOR PSC USE ONLY	
Check#	280
\$ 50.00	0603002
53	003001
\$	P
	0603002
	004011
\$	I
Postmark Date	12-29-97
Initials of Preparer	VM

TF943	P173 997 903	97 DEC 31 AM 9:
Robalco, Inc.		
616 S.W. 8th Terrace		
Ft. Lauderdale, FL 33315-1050		
D680		
MAIL ROOM		
JAN 01 1998		

Actual Return  
Estimated Return

PERIOD COVERED:  
01/07/1997 TO 12/31/1997

Please Complete Below If Address Has Changed

(Name of Company) (Address) (City/State) (Zip)

LINE NO.	ACCOUNT CLASSIFICATION	AMOUNT
1.	Gross Operating Revenue	\$ 12,245.00
2.	Gross Intrastate Revenue	12,245.00
3.	LESS: Amounts Paid for Services to Local Telephone Companies (Attach Listing)*	( 0.00 )
4.	TOTAL REVENUES for Regulatory Assessment Fee Calculation (Line 2 less Line 3)	\$ 12,245.00
5.	Regulatory Assessment Fee Due — (Multiply Line 4 by 0.0015)	18.37
6.	Penalty for Late Payment	
7.	Interest for Late Payment	
8.	TOTAL AMOUNT DUE	\$ 50.00

AS PROVIDED IN SECTION 364.336 FLORIDA STATUTES, THE MINIMUM ANNUAL FEE IS \$50

THIS FORM MUST BE COMPLETED AND RETURNED REGARDLESS OF THE AMOUNT OF REVENUES REPORTED

9. Number of pay telephones in operation at close of period covered by this Return NONE

I HAVE SOLD MY PHONES. PLEASE CANCEL MY CERTIFICATE AND VERIFY CANCELLATION BY MAIL.

\*Each amount paid by a pay telephone company to a telecommunications company providing local service for use of the local network shall be deducted from intrastate revenue for purposes of determining the amount of the regulatory fee assessed the pay telephone company.

THANK YOU ROBERT

I, the undersigned owner/officer of the above-named company, have read the foregoing and declare that to be best of my knowledge and belief, the above information is a true and correct statement. I am aware that pursuant to section 837.06, Florida Statutes, whoever knowingly makes a false statement in writing with the intent to mislead a public servant in the performance of his official duty shall be guilty of a misdemeanor of the second degree.

Robert A. Black  
(Signature of Company Official)  
ROBERT A. BLACK  
(Please Print Name)

PRESIDENT (Title) 12-28-97 (Date)  
Telephone Number (954) 462-8017  
F.E.I. No. 65-0464308

Brenda Hawkins

Pay Telephone Service Provider Regulatory Assessment Fee Return

980019-TC

US:

Florida Public Service Commission  
(See Filing Instructions on Back of Form)

RECEIVED  
FLORIDA PUBLIC  
SERVICE COMMISSION

FOR PSC USE ONLY	
Check#	9045
\$ 56.00	0603002
\$ 53	003001
\$	P
\$	0603002
\$	004011
\$	I
Postmark Date	12-29-97
Initials of Preparer	V/m

Actual Return  
Estimated Return

TE677	P173 997 169	97 DEC 31 AM
Brothers Auto Center, Inc.		
10739 West Atlantic Blvd.		
Coral Springs, FL 33071-6490		
DEPOSIT		
MAIL ROOM		
DATE		
JAN 07 1998		

PERIOD COVERED:  
01/01/1997 TO 12/31/1997

Please Complete Below If Address Has Changed

(Name of Company)

(Address)

(City/State)

(Zip)

LINE NO.	ACCOUNT CLASSIFICATION	AMOUNT
1.	Gross Operating Revenue	\$ 420.00
2.	Gross Intrastate Revenue	125.25
3.	LESS: Amounts Paid for Services to Local Telephone Companies (Attach Listing)*	( 242.66 )
4.	<b>TOTAL REVENUES for Regulatory Assessment Fee Calculation</b> (Line 2 less Line 3)	\$ 302.59
5.	Regulatory Assessment Fee Due — (Multiply Line 4 by 0.0015)	.45
6.	Penalty for Late Payment	
7.	Interest for Late Payment	
8.	<b>TOTAL AMOUNT DUE</b>	\$ .45 (50.00 minimum)

AS PROVIDED IN SECTION 364.336 FLORIDA STATUTES, THE MINIMUM ANNUAL FEE IS \$50

THIS FORM MUST BE COMPLETED AND RETURNED REGARDLESS OF THE AMOUNT OF REVENUES REPORTED

9. Number of pay telephones in operation at close of period covered by this Return

2  
Brenda Hawkins

PLEASE CANCEL MY CERTIFICATE

\*Each amount paid by a pay telephone company to a telecommunications company providing local service for use of the local network shall be deducted from intrastate revenue for purposes of determining the amount of the regulatory fee assessed the pay telephone company.

I, the undersigned owner/officer of the above-named company, have read the foregoing and declare that to be best of my knowledge and belief, the above information is a true and correct statement. I am aware that pursuant to section 837.06, Florida Statutes, whoever knowingly makes a false statement in writing with the intent to mislead a public servant in the performance of his official duty shall be guilty of a misdemeanor of the second degree.

Hugo Bunzstein  
(Signature of Company Official)  
HUGO BUNZSTEIN  
(Please Print Name)

Pres (Title)  
12/17/97 (Date)  
Telephone Number 954-341-9469  
F.E.I. No. 59-2842221

980055-TC

RECEIVED  
FLORIDA PUBLIC  
SERVICE COMMISSION  
97 DEC 30 AM 10:02  
MAIL ROOM

December 27, 1997

Ms. Blanca S. Bayo, Director  
Division of Records and Reporting  
Gunter Building  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0870

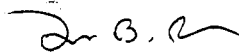
Dear Ms. Bayo:

This serves as notice that Richard and Susan Parham, Certificate 5031 have ceased doing business in the area of public pay telephones as of August 8, 1997. All future correspondence should be sent to:

Richard Parham  
2605 Lotus Drive  
Tallahassee, Florida 32312

If you have any questions regarding this notification, please call Richard or Susan Parham at (850) 386-8718.

Sincerely,



Susan B. Parham

W Communications, Inc.  
d/b/a TWC

980080-T1

BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF FLORIDA

NOTICE TO SURRENDER AUTHORITY

Comes now TW Communications, Inc. d/b/a TWC and hereby gives notice to the Public Service Commission of Florida that TW Communications wishes to surrender the Authority granted to them by this Commission on April 27, 1995, cause No. 3976.

As of November 1, 1997 we will not be providing telecommunications services within the state of Florida. TW Communications, Inc. would like to express our gratitude and appreciation to the Commission for the opportunity to serve the people of Florida.

Respectfully submitted,



Greg Spicer

Director

TW Communications, Inc.

17853 San Tiago Blvd., # 107329

Villa Park, CA 92861-4113

GS/ds

**RECEIVED**

**JAN 13 1998**

**CMU**