

FCC

APPLICATION FOR AUTHORIZATION IN THE MICROWAVE SERVICES

415

Schedule C

## Path Data

C1. Purpose of filing ( **A** ) Add new Path Delete Path Modify Path No Changes to Existing Path DataC2. Transmit site ( **30-02-38** ) Latitude ( **94-47-37** ) Longitude C3. Path Number ( **2** ) of this filing.

TRANSMIT ANTENNA	EXISTING PATH DATA	PROPOSED PATH DATA
C4. Height to center of final radiating element (ft)		356
C5. Antenna manufacturer		Andrew
C6. Antenna model number		UHX10-59J
C7. Antenna gain		43.2
C8. Beamwidth (degrees)		1.1
C9. Polarization		H
C10. Azimuth to Rx site or passive repeater		72.2
C11. Elevation angle		
C12. Diversity Tx antenna height (ft)		
C13. Diversity Tx antenna manufacturer		
C14. Diversity Tx antenna model number		
C15. Diversity Tx antenna gain		
C16. Diversity Tx beamwidth (degrees)		
C17. Tx periscope reflector dimensions (ft)	( ) Height ( ) Width	( ) Height ( ) Width
C18. Tx periscope reflector separation (ft)		

FINAL RECEIVER	EXISTING PATH DATA	PROPOSED PATH DATA
C19. Receiver site name		Sour Lake
C20. Call Sign		
C21. Latitude		30-08-58
C22. Longitude		94-24-47
C23. Ground elevation (ft)		45
C24. Does path include a passive repeater?	( ) <u>Yes</u> <u>No</u>	( <b>N</b> ) <u>Yes</u> <u>No</u>
C25. Height to center of Rx antenna (ft)		306
C26. Rx antenna manufacturer		Andrew
C27. Rx antenna model number		UHX10-59J
C28. Rx antenna gain		43.2
C29. Diversity Rx antenna height		266
C30. Diversity Rx antenna manufacturer		Andrew
C31. Diversity Rx antenna model number		UHX10-59J
C32. Diversity Rx antenna gain		43.2
C33. Rx periscope reflector dimensions (ft)	( ) Height ( ) Width	( ) Height ( ) Width
C34. Rx periscope reflector separation		



**ADMINISTRATIVE INFORMATION**

<p>28. The purpose of this filing is to:</p> <p>( J )</p> <p>Enter one or more letters that correctly describes the purpose of this filing.</p>	<table style="width:100%; border-collapse: collapse;"> <tr><td style="width:15px; text-align: center;"><b>A</b></td><td>request an initial authorization for a new station (all)</td></tr> <tr><td style="text-align: center;"><b>B</b></td><td>request authorization for modification of an existing licensed station (all)</td></tr> <tr><td style="text-align: center;"><b>C</b></td><td>request authorization for a minor modification (Private and Common Carrier)</td></tr> <tr><td style="text-align: center;"><b>D</b></td><td>request authorization to renew an existing licensed station (all)</td></tr> <tr><td style="text-align: center;"><b>E</b></td><td>request authorization to reinstate an expired licensed station (all)</td></tr> <tr><td style="text-align: center;"><b>F</b></td><td>request a full assignment of a radio station authorization (Private)</td></tr> <tr><td style="text-align: center;"><b>G</b></td><td>request authorization of a developmental station (Private and Common Carrier)</td></tr> <tr><td style="text-align: center;"><b>H</b></td><td>request authorization for transfer of control (Private)</td></tr> <tr><td style="text-align: center;"><b>I</b></td><td>request authorization to convert from Private to Common Carrier (Common Carrier)</td></tr> <tr><td style="text-align: center;"><b>J</b></td><td>request amendment to a pending application (all)</td></tr> </table>	<b>A</b>	request an initial authorization for a new station (all)	<b>B</b>	request authorization for modification of an existing licensed station (all)	<b>C</b>	request authorization for a minor modification (Private and Common Carrier)	<b>D</b>	request authorization to renew an existing licensed station (all)	<b>E</b>	request authorization to reinstate an expired licensed station (all)	<b>F</b>	request a full assignment of a radio station authorization (Private)	<b>G</b>	request authorization of a developmental station (Private and Common Carrier)	<b>H</b>	request authorization for transfer of control (Private)	<b>I</b>	request authorization to convert from Private to Common Carrier (Common Carrier)	<b>J</b>	request amendment to a pending application (all)
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<b>J</b>	request amendment to a pending application (all)																				
<p>29. If this filing is for modification of an existing licensed station, or is for a partial assignment of authorization, specifically describe changes requested.</p> <p>N/A</p>																					
<p>30. Number of associated applications filed as a system</p> <p>19</p>	<p>31. FCC File Numbers of associated applications filed as a system, if known</p> <p>N/A</p>																				
<p>32. Type of MAS Operation</p> <p>( )</p>	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;"><u>T</u>wo-way master-remote</td> <td style="width:50%;"><u>M</u>obile meter reader</td> </tr> <tr> <td><u>O</u>ne-way outbound</td> <td><u>S</u>ubfrequency operation</td> </tr> <tr> <td><u>O</u>ne-way inbound</td> <td><u>M</u>ultiple master operation</td> </tr> </table>	<u>T</u> wo-way master-remote	<u>M</u> obile meter reader	<u>O</u> ne-way outbound	<u>S</u> ubfrequency operation	<u>O</u> ne-way inbound	<u>M</u> ultiple master operation	<p>33. Requested Authorization Expiration Date</p> <p>Month 12 Day 31</p>													
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<u>O</u> ne-way outbound	<u>S</u> ubfrequency operation																				
<u>O</u> ne-way inbound	<u>M</u> ultiple master operation																				

**POINT OF CONTACT FOR TECHNICAL OPERATIONS**

<p>34. Mailing address street or geographical description</p> <p>Pathnet, Inc., 1015 31st Street, N.W.</p>	<p>35. Voice Telephone Number</p> <p>(202) 625-7284</p>	
<p>36. City</p> <p>Washington</p>	<p>37. State</p> <p>DC</p>	<p>38. Zip code</p> <p>20007</p>

**BROADCAST AUXILIARY APPLICANTS**

<p>39. Name of Broadcast Auxiliary frequency coordinator</p>	<p>40. Voice Telephone Number</p>
<p>41. Call Sign of associated Broadcast Station, if any</p>	<p>42. Radio Service Code of associated Broadcast Station</p>

**TRANSFER OF CONTROL APPLICANTS**

<p>43. Is this a pro forma Transfer of Control?</p>	<p>( N ) <u>Y</u>es <u>N</u>o</p>	
<p>44. Is each station named in item 27 of this filing constructed and operational?</p>	<p>( N ) <u>Y</u>es <u>N</u>o</p>	
<p>45. Name of Transferee</p>		
<p>46. Transferee's Mailing Address, Street</p>		
<p>47. City</p>	<p>48. State</p>	<p>49. Zip code</p>

**ENVIRONMENTAL POLICY**

50. Would a Commission grant of any proposal in this application or amendment have a significant environmental effect as defined by 47 CFR 1.1307? <small>* If "yes", attach environmental assessment as required by 47 CFR 1.1306 and 47 CFR 1.1311</small>	( N ) <u>Yes</u> <u>No</u>
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**FOREIGN GOVERNMENT REPRESENTATION**

51. Is the applicant a foreign government or the representative of any foreign government?	( N ) <u>Yes</u> <u>No</u>
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**COMMON CARRIER APPLICANTS - ALIEN OWNERSHIP**

52. Is the applicant an alien or the representative of an alien? *	( N ) <u>Yes</u> <u>No</u>
53. Is the applicant a corporation organized under the laws of any foreign government? *	( N ) <u>Yes</u> <u>No</u>
54. Is the applicant a corporation of which any officer or director is an alien or of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country? *	( N ) <u>Yes</u> <u>No</u>
55. Is the applicant a corporation directly or indirectly controlled by any other corporation of which any officer or more than one-fourth of the directors are aliens, or of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? <small>* If "yes", attach exhibit explaining nature and extent of alien or foreign ownership or control</small>	( N ) <u>Yes</u> <u>No</u>

\*If yes, attach exhibit explaining circumstances.

**BASIC QUALIFICATIONS**

(To be completed by Private Operational Fixed and Common Carrier applicants only.)

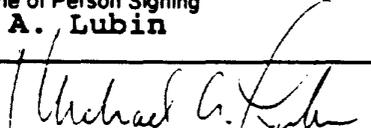
56. Has the applicant or any party to this application or amendment had any FCC station authorization, license or construction permit revoked or had any application for an initial, modification or renewal of FCC station authorization, license, construction permit denied by the Commission? *	( N ) <u>Yes</u> <u>No</u>
57. Has the applicant, or any party to this application or amendment, or any party directly or indirectly controlling the applicant ever been convicted of a felony by any state or federal court? *	( N ) <u>Yes</u> <u>No</u>
58. Has any court finally adjudged the applicant, or any person directly or indirectly controlling the applicant, guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement or any other means or unfair methods of competition? *	( N ) <u>Yes</u> <u>No</u>
59. Is the applicant, or any person directly or indirectly controlling the applicant, currently a party in any pending matter referred to in the preceding two items? *	( N ) <u>Yes</u> <u>No</u>
60. Is this a Common Carrier corporation? <small>If "Yes" attach exhibit showing names, addresses and citizenship of those stockholders owning of record and/or voting 10 percent or more of the filer's voting stock and the percentages so held. In the case of fiduciary control, indicate the beneficiary(ies) or class of beneficiaries. Also list the names and addresses of the officers and directors of the applicant as well as any controlling corporations. If this information is currently up to date and on file with the Commission, this additional exhibit is not required with this filing.</small>	( Y ) <u>Yes</u> <u>No</u> See Exhibit 1

\* If "yes", attach exhibit explaining circumstances.

**CERTIFICATION**

The APPLICANT waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. The applicant certifies that neither the applicant nor any other party to the application\* is subject to a denial of Federal benefits, that includes FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C., Section 862, because of a conviction for possession or distribution of a controlled substance. All statements made in exhibits are a material part hereof and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, hereby certifies that all statements made in this application and in all attached exhibits are true, complete and correct to the best of his or her knowledge and belief, and are made in good faith.

\*See 47 CFR 1.2002(b) for the meaning of "party to the application" for these purposes

61. Typed Name of Person Signing <b>Michael A. Lubin</b>	62. Title <b>Vice President &amp; Gen. Counsel</b>
63. Signature 	64. Date <b>July 16, 1998</b>

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).**

Exhibit 1

SHAREHOLDERS WITH 10 PERCENT OR GREATER INTEREST IN PATHNET, INC.			
Stockholder	Address	Citizenship	% of Total Shares
Spectrum Equity Investors, L.P.	One International Place Boston, MA 02110	Delaware	19.0656%
Spectrum Equity Investors II, L.P.	One International Place Boston, MA 02110	Delaware	10.1204%
New Enterprise Associates VI, L.P.	1119 Saint Paul Street Baltimore, MD 21202	Delaware	14.6792%
Toronto Dominion Capital (U.S.A.), Inc.	31 W 52nd Street New York, NY 10019	Delaware	10.7526%
Grotech Partners IV, L.P.	9690 Deereco Road Timonium, MD 21093	Delaware	10.7526%
David Schaeffer	1015 31st Street, N.W. Washington, D.C. 20007	USA	10.7632%

DIRECTORS OF PATHNET, INC.	
Director	Business Address
Richard A. Jalkut	1015 31st Street, N.W., Washington, D.C. 20007
David Schaeffer	1015 31st Street, N.W., Washington, D.C. 20007
Peter J. Barris	1015 31st Street, N.W., Washington, D.C. 20007
Kevin J. Maroni	1015 31st Street, N.W., Washington, D.C. 20007
Richard K. Prins	1015 31st Street, N.W., Washington, D.C. 20007
Patrick J. Kerins	1015 31st Street, N.W., Washington, D.C. 20007
Stephen A. Reinstadtler	1015 31st Street, N.W., Washington, D.C. 20007

OFFICERS OF PATHNET, INC.	
Officer	Business Address
David Schaeffer Chairman	1015 31st Street, N.W., Washington, D.C. 20007
Richard A. Jalkut President, CEO	1015 31st Street, N.W., Washington, D.C. 20007
Kevin J. Bennis President, Sales and Marketing	1015 31st Street, N.W., Washington, D.C. 20007
William R. Smedberg Vice President, Finance & Corporate Development	1015 31st Street, N.W., Washington, D.C. 20007
Michael A. Lubin Vice President & General Counsel	1015 31st Street, N.W., Washington, D.C. 20007
Michael L. Brooks Vice President, Network Development	1015 31st Street, N.W., Washington, D.C. 20007

FCC

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Schedule A

## APPLICATION FOR AUTHORIZATION IN THE MICROWAVE SERVICES

## Transmit Site Data

A1. Action requested ( <u>M</u> ) <u>New Site</u> <u>Modify</u>	A2. Station class <b>FXO</b>	A3. Site name <b>New Orleans</b>
A4. Service area or SMSA		

## TRANSMIT LOCATION

FIXED POINT, TEMPORARY, OR MOBILE

A5. Street address or other geographic description of fixed location <b>Corner of Magazine St. and Lafayette St.</b>		
A6. City <b>New Orleans</b>		
A7. County <b>Orleans</b>		
A8. State <b>LA</b>	A9. Ground elevation AMSL (feet) <b>10</b>	A10. Overall height of antenna structure (feet) <b>432</b>
A11. Latitude (DD-MM-SS.S) <b>29-56-53</b>	A12. Longitude (DDD-MM-SS.S) <b>90-04-05</b>	A13. North American Datum (NAD) <b>( 2 ) 27 83</b>
A14. Maximum Latitude (DD-MM-SS.S)	A15. Maximum Longitude (DDD-MM-SS.S)	A16. Temporary or Mobile Radius of Operation (miles)
A17. Wide area operations  ( ) <u>Nationwide</u> <u>Continental United States</u>		

## TRANSMIT ANTENNA STRUCTURE INFORMATION

A18. If antenna will be mounted on an antenna structure which has been registered with the Commission, give the seven digit Registration Number. ( <b>None</b> )		
IF REGISTRATION NUMBER IS ENTERED IN ITEM A 18, DO NOT COMPLETE ITEMS A 19 - 23.		
A19. Has the owner of the antenna structure filed an FCC Form 854, Application for Antenna Structure Registration with the Commission ? ( <b>N</b> ) <u>Yes</u> <u>No</u>		
A20. If Yes, give date FCC Form 854 was filed with the Commission.	Month ( )	Year ( )
A21. Give the Figure Number that best describes your antenna arrangement.	( <b>2</b> ) <u>1</u> <u>2</u> <u>3</u>	
A22. Give the type of antenna structure on which your antenna will be mounted.	<b>Building</b>	
A23. Give the height of the antenna supporting structure, shown in feet.	<b>432</b>	

## Frequency Data

B1. Transmit Site ( 29-56-53 ) Latitude ( 90-04-05 ) Longitude

B2. Path Number ( 1 ) of this filing.

TRANSMITTER	EXISTING FREQUENCY DATA	PROPOSED FREQUENCY DATA
B3. Frequency (MHz)	11345	11225
Additional Frequency (MHz)	11265	11305
Additional Frequency (MHz)		
B4. Emission Designator	40MOOF7W	40MOOF7W
Additional Emission Designator		
Additional Emission Designator		
Additional Emission Designator		
B5. Tx Manufacturer	NEC	NEC
B6. Tx Type Acceptance Number		
B7. Tolerance (%)	0.0003	0.0003
B8. Tx Power Output watts	0.692	0.692
B9. Baseband Signal Type	DIG	DIG
B10. Maximum Channel Capacity	OC-3 (2016 Voice Ch)	OC-3 (2016 Voice Ch)
B11. Digital Modulation Rate		
B12. Digital Modulation Type		
B13. Effective Isotropic Radiated Power (dBm)	59.7	59.7
B14. Automatic Transmitter Power Control?	( N ) Yes No	( N ) Yes No
B15. Tx Line Loss (dB)	12.69	12.69
B16. Receiver Line Loss (dB)	5.57	5.57
B17. Median Receiver Signal Level (dBm)	-30.7	-30.7

**FCC  
415**

**APPLICATION FOR AUTHORIZATION IN THE MICROWAVE SERVICES**

Schedule C

**Path Data**

C1. Purpose of filing ( **M** ) Add new Path Delete Path Modify Path No Changes to Existing Path Data

C2. Transmit site ( **29-56-53** ) Latitude ( **90-04-05** ) Longitude C3. Path Number ( **1** ) of this filing.

<b>TRANSMIT ANTENNA</b>	<b>EXISTING PATH DATA</b>	<b>PROPOSED PATH DATA</b>
C4. Height to center of final radiating element (ft)	400	400
C5. Antenna manufacturer	Andrew	Andrew
C6. Antenna model number	UHX6-107J	UHX6-107J
C7. Antenna gain	44	44
C8. Beamwidth (degrees)	1.1	1.1
C9. Polarization	V	V
C10. Azimuth to Rx site or passive repeater	192.2	192.2
C11. Elevation angle		
C12. Diversity Tx antenna height (ft)		
C13. Diversity Tx antenna manufacturer		
C14. Diversity Tx antenna model number		
C15. Diversity Tx antenna gain		
C16. Diversity Tx beamwidth (degrees)		
C17. Tx periscope reflector dimensions (ft)	( ) Height ( ) Width	( ) Height ( ) Width
C18. Tx periscope reflector separation (ft)		

<b>FINAL RECEIVER</b>	<b>EXISTING PATH DATA</b>	<b>PROPOSED PATH DATA</b>
C19. Receiver site name	Harvey	Harvey
C20. Call Sign		
C21. Latitude	29-53-43	29-53-43
C22. Longitude	90-04-52	90-04-52
C23. Ground elevation (ft)	4	4
C24. Does path include a passive repeater?	( <b>N</b> ) <u>Yes</u> <u>No</u>	( <b>N</b> ) <u>Yes</u> <u>No</u>
C25. Height to center of Rx antenna (ft)	170	170
C26. Rx antenna manufacturer	Andrew	Andrew
C27. Rx antenna model number	UHX6-107J	UHX6-107J
C28. Rx antenna gain	44	44
C29. Diversity Rx antenna height	130	130
C30. Diversity Rx antenna manufacturer		
C31. Diversity Rx antenna model number		
C32. Diversity Rx antenna gain		
C33. Rx periscope reflector dimensions (ft)	( ) Height ( ) Width	( ) Height ( ) Width
C34. Rx periscope reflector separation		

# MICRONET COMMUNICATIONS, INC.

SUPPLEMENTAL SHOWING PART 101.103

MICRONET FILE NO.: 9700740-A  
PATHNET, INC.  
PARADIS - HARVEY, LA

SUPPLEMENTAL DATE:

6.175 GHz



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PURSUANT TO PART 101.103 OF THE FCC RULES AND REGULATIONS, A FREQUENCY COORDINATION STUDY OF THE FACILITIES PROPOSED IN THIS APPLICATION WAS CONDUCTED BY MICRONET COMMUNICATIONS, INC. THE RESULTS OF THE STUDY INDICATE THAT NO UNACCEPTABLE INTERFERENCE WILL RESULT WITH EXISTING OR PROPOSED AND PRIOR COORDINATED RADIO FACILITIES. THERE ARE NO UNRESOLVED INTERFERENCE CASES.

FREQUENCY COORDINATION DATA WAS FORWARDED TO THE FOLLOWING PARTIES OR THEIR AUTHORIZED COORDINATION AGENTS ON JANUARY 6, 1997, JULY 7, 1997, DECEMBER 24, 1997, JANUARY 14, 1997, AND APRIL 8, 1998.

360 COMMUNICATIONS  
360 COMMUNICATIONS COMPANY OF FLORIDA  
360 COMMUNICATIONS COMPANY OF FT WALTON BEACH L P  
ACADIANA CELLULAR GENERAL PARTNERSHIP  
ADVANCED TEL-COM SYSTEMS CORP.  
ALDA GOLD, INC  
ALEXANDRIA CELLULAR LICENSE CORP.  
AMERICAN TELEPHONE AND TELEGRAPH COMPANY  
AMERICAN TOWER SYSTEMS INC  
ANDREW TOWER RENTALS, INC.  
AT&T COMMUNICATIONS  
AT&T COMMUNICATIONS OF THE SOUTH CENTRAL STATES INC.  
AT&T COMMUNICATIONS OF THE SOUTHWEST INC.  
AT&T WIRELESS SERVICES OF AUSTIN, INC.  
AT&T WIRELESS SERVICES OF COLORADO, INC  
AT&T WIRELESS SERVICES OF LONGVIEW, INC.  
AT&T WIRELESS SERVICES OF SHREVEPORT, INC.  
AUSTIN CITY OF  
AVOYELLES PARISH COMMUNICATION DISTRICT  
BATON ROUGE CELLULAR TELEPHONE COMPANY  
BATON ROUGE MSA LTD PART  
BELL ATLANTIC MOBILE SYSTEMS OF ALLENTOWN INC  
BELLSOUTH TELECOMMUNICATIONS INC  
BELLSOUTH TELECOMMUNICATIONS INC  
BRAZOS ELECTRIC POWER COOPERATIVE INC.  
CABLECOM GENERAL INC  
CAMERON TELEPHONE COMPANY  
CAPITAL CITIES CABLE INC.  
CAROUSEL COMMUNICATIONS  
CCC HOLDING COMPANY  
CELLCO PARTNERSHIP  
CELLULAR X L ASSOCIATES L P  
CELUTEL OF BILOXI INC  
CENTEL CELLULAR COMPANY OF TEXAS LTD PARTNERSHIP  
CENTENNIAL CELLULAR C/O CELLULAR ONE  
CENTENNIAL COMMUNICATIONS  
CENTENNIAL DESOTO CELLULAR CORPORATION  
CENTENNIAL HAMMOND CELLULAR CORP  
CENTRAL STATES MW TRANS. CO.  
CENTRAL TELEPHONE COMPANY OF FLORIDA  
CENTRAL TELEPHONE CORPORATION  
CENTURY CELLUNET OF NORTH LOUISIANA CELLULAR LP  
CENTURY TELEPHONE OF SAN MARCOS INC

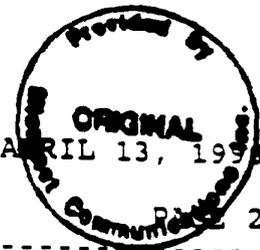
# MICRONET COMMUNICATIONS, INC.

SUPPLEMENTAL SHOWING PART 101.103

MICRONET FILE NO.: 9700740-A  
PATHNET, INC  
PARADIS - HARVEY, LA

SUPPLEMENTAL DATE: APRIL 13, 1998

6.175 GHz



CGKC&H RURAL CELLULAR PARTNERSHIP  
CHEVRON USA INC  
CHICAGO COMNET CORPORATION  
CONSORTIUM DIGITAL MICROWAVE SYSTEM  
CONTEL CELLULAR OF MOBILE INC  
CONTEL OF TEXAS  
CONTEL OF TEXAS INC D/B/A GTE TEXAS  
CONTEL OF THE SOUTH INC D/B/A GTE SYSTEMS OF THE SOUTH  
DALLAS CITY OF  
DALLAS SMSA LIMITED PARTNERSHIP  
DATACOM  
DELTACOM, INC  
E.N.M.R. (EASTERN NM RURAL TEL COOPERATIVE)  
EAST ASCENSION TELEPHONE CO INC  
EAST TEXAS TRANSMISSION COMPANY  
ENTERGY SERVICES INC  
EVANGELINE TELEPHONE COMPANY  
EXXON COMMUNICATIONS COMPANY  
GE AMERICOM  
GTE MOBILNET OF AUSTIN LIMITED PARTNERSHIP  
GTE MOBILNET OF HOUSTON INCORPORATED  
GTE MOBILNET OF SOUTH TEXAS LIMITED PARTNERSHIP  
GTE MOBILNET OF TEXAS RSA #11 L P  
GTE MOBILNET OF TEXAS RSA #16 LIMITED PARTNERSHIP  
GTE MOBILNET OF TEXAS RSA #17 L P  
GTE MOBILNET OF THE SOUTH INC  
GTE SOUTH INC  
GTE SOUTHWEST INC  
GTE SPRINT COMMUNICATIONS CORPORATION  
GUADALUPE VALLEY TELEPHONE COMPANY  
HARRIS CORPORATION  
HEARTLAND WIRELESS COMMUNICATIONS, INC  
IWL COMMUNICATIONS INC  
IWL COMMUNICATIONS, INC  
LAFAYETTE MSA LIMITED PARTNERSHIP  
LAFOURCHE TELEPHONE COMPANY  
LDDS COMMUNICATIONS INC  
LDDS CORPORATION  
LDX NETWORK INC  
LOUISIANA CGSA, INC.  
LOUISIANA RSA NO 7 CELL GEN PARTNERSHIP  
LOUISIANA STATE OF  
LOUISIANA STATE OF DEPT OF TRANS & DEVL P.  
LOWER COLORADO RIVER AUTHORITY  
LTEL NETWORKS INC  
MCCAW CELLULAR COMMUNICATIONS  
MCCAW CELLULAR COMMUNICATIONS OF TEXAS  
MCCAW COMMUNICATIONS OF THE MIDSOUTH - LAFAYETTE  
MCCAW COMMUNICATIONS OF THE MIDSOUTH - SAN ANTONIO  
MCCAW COMMUNICATIONS OF THE MIDSOUTH INC  
MCI TELECOMMUNICATIONS CORPORATION  
MERCURY CELLULAR TELEPHONE COMPANY

# MICRONET COMMUNICATIONS, INC.

SUPPLEMENTAL SHOWING PART 101.103

MICRONET FILE NO.: 9700740-A  
PATHNET, INC  
PARADIS - HARVEY, LA

SUPPLEMENTAL DATE:

6.175 GHz



MERCURY INC.  
METROPLEX TELEPHONE COMPANY  
MICRONET, INC  
MISSISSIPPI AUTHORITY FOR EDUCATIONAL TELEVISION  
MISSISSIPPI CELLULAR TELEPHONE COMPANY  
MOBIL OIL TELCOM LTD  
MONTANA MICROWAVE, INC.  
NETWAVE SYSTEMS INC  
NETWORK USA  
OFFSHORE TELEPHONE COMPANY THE  
PATHNET, INC  
PG&E TEXAS PIPELINE L P  
POST-NEWSWEEK CABLE INC  
PRIMECO PERSONAL COMMUNICATIONS L P  
QWEST COMMUNICATIONS CORP  
QWEST MICROWAVE INC  
QWEST MICROWAVE IV INC  
QWEST MICROWAVE V INC  
QWEST MICROWAVE VI INC  
QWEST TRANSMISSION INC  
RADIOFONE INC.  
RIG TELEPHONE INC DBA DATACOM  
SAN ANTONIO SMSA LIMITED PARTNERSHIP  
SATELLITE TRANSMISSION AND RECEPTION SPECIALISTS (STARS)  
SCI COMMUNICATIONS, INC.  
SHELL OFFSHORE SERVICES COMPANY  
SOUTH ALABAMA CELLULAR COMMUNICATIONS  
SOUTHERN NATURAL GAS COMPANY  
SOUTHWEST MICROWAVE INC  
SOUTHWEST TEXAS MICROWAVE TRANSMISSION COMPANY  
SOUTHWESTERN BELL TELEPHONE COMPANY  
SOUTHWESTERN BELL WIRELESS INC  
SOUTHWESTERN ELECTRIC POWER COMPANY  
SPRINT PCS  
SPRINT SPECTRUM LP D/B/A SPRINT PCS  
STAR TEL, INC.  
STAR TELEPHONE COMPANY  
TCI CABLEVISION OF TEXAS INC  
TELECOMMUNICATIONS MANAGEMENT GROUP LLC  
TEXAS #20 RURAL CELLULAR INC  
TEXAS RSA 10B1 LIMITED PARTNERSHIP  
TEXAS RSA 10B3 LIMITED PARTNERSHIP  
TEXAS RSA 11 INC  
TEXAS RSA 11B LIMITED PARTNERSHIP  
TEXAS RSA 18 LIMITED PARTNERSHIP  
TEXAS RSA 19 LTD PARTNERSHIP  
TEXAS RSA 20B1 LIMITED PARTNERSHIP  
TEXAS RSA 9B3 LP  
TRANSCONTINENTAL GAS PIPE LINE CORPORATION  
TRANSMISSION HOLDINGS, INC  
TYLER/LONGVIEW/MARSHALL MSA LIMITED PARTNERSHIP  
U S CELLULAR OPERATING CO OF TALLAHASSEE

# MICRONET COMMUNICATIONS, INC.

SUPPLEMENTAL SHOWING PART 101.103

MICRONET FILE NO.: 9700740-A  
PATHNET, INC  
PARADIS - HARVEY, LA

SUPPLEMENTAL DATE: APRIL 13, 1998

6.175 GHz

PAGE 4

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U S SPRINT COMMUNICATIONS COMPANY  
U S WEST COMMUNICATIONS INC  
UNION OIL COMPANY OF CALIFORNIA  
UNITED SATELCO TRANSMISSION INC. (USTI)  
UNITED VIDEO, INC.  
UNITED WEHCO INC  
WESTERN FLORIDA CELLULAR TELEPHONE  
WESTERN UNION TELEGRAPH COMPANY  
WILLIAMS WIRELESS INC  
WORLDCOM INC DBA/ LDDS WORLDCOM

RESPECTFULLY SUBMITTED,

*Eric Y. Pillet*  
ORIGINAL  
ERIC Y. PILLET  
SYSTEMS ENGINEER  
Communications

Micronet Communications, Inc.  
 720 Avenue F, Suite 100  
 Plano, Texas 75074  
 972-422-7200

File: 9700740 17  
 PCN Date: April 9, 1998  
 Company: PATHNET INC  
 Company Code

Site Name, State	PARADIS, LA	HARVEY, LA
Call Sign	PARADIS	HARVEY
Latitude	29 51 27.0 N	29 53 43.0 N
Longitude	90 27 9.0 W	90 4 52.0 W
Azimuth	93.25	263.44
Distance (miles/km)	22.45	36.12
Space Loss	139.44	
Elevation (ft/mtr amsl)	1.0/0.3	4.0/1.22
Transmit Ant Type	UHX10-59J RF	UHX10-59J RF
FCC Designation	A74114	A74114
Antenna Manufacturer	ANDREW CORPORATION	ANDREW CORPORATION
Antenna Gain (dbi)	43.2	43.2
Antenna Height (ft/mtr agl)	295.0/89.92	175.0/53.34
Receive Ant Type	UHX10-59J RF	UHX10-59J RF
FCC Designation	A74114	A74114
Antenna Manufacturer	ANDREW CORPORATION	ANDREW CORPORATION
Antenna Gain (dbi)	43.2	43.2
Antenna Height (ft/mtr agl)	295.0/89.92	175.0/53.34
Diversity Ant Type (RX Only)	UHX10-59W RF	UHX10-59W RF
FCC Designation	A74220	A74220
Antenna Manufacturer	ANDREW CORPORATION	ANDREW CORPORATION
Antenna Gain (dbi)	43.2	43.2
Antenna Height (ft/mtr agl)	255.0/77.72	135.0/41.15
Equipment Manufacturer	NEC AMERICA INC.	NEC AMERICA INC.
Manufacturer's Type	SONET/SDH2000	SONET/SDH2000
FCC Identifier		
Emissions Designator	30M0D7W	30M0D7W
Stability (3)	0.0003	0.0003
Transmitter Power (dbm/watts)	19.7/0.093	19.7/0.093
Fixed Losses (Cm,Tx,Rx) (db)	2.13,0.0,0.0	4.92,0.0,0.0
Receive Level (dbm)	-40.39	-40.39
EIRP (dbm/watts)	60.77/1193.99	57.98/628.06
Traffic	2240	2240
Modulation	DIGITAL	DIGITAL
Frequencies Transmitted (MHz)	5945.200V 5974.850H 6004.500V 6034.150H 6063.800V 6093.450H 6123.100V 6152.750H	6197.240V 6226.890H 6256.540V 6286.190H 6315.840V 6345.490H 6375.140V 6404.790H

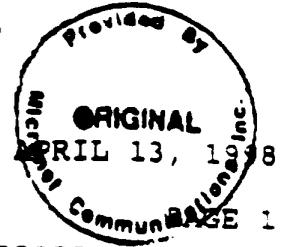
# MICRONET COMMUNICATIONS, INC.

SUPPLEMENTAL SHOWING PART 101.103

MICRONET FILE NO.: 9700740-A  
PATHNET, INC  
HARVEY - NEW ORLEANS, LA

SUPPLEMENTAL DATE:

11.2 GHz



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PURSUANT TO PART 101.103 OF THE FCC RULES AND REGULATIONS, A FREQUENCY COORDINATION STUDY OF THE FACILITIES PROPOSED IN THIS APPLICATION WAS CONDUCTED BY MICRONET COMMUNICATIONS, INC. THE RESULTS OF THE STUDY INDICATE THAT NO UNACCEPTABLE INTERFERENCE WILL RESULT WITH EXISTING OR PROPOSED AND PRIOR COORDINATED RADIO FACILITIES. THERE ARE NO UNRESOLVED INTERFERENCE CASES.

FREQUENCY COORDINATION DATA WAS FORWARDED TO THE FOLLOWING PARTIES OR THEIR AUTHORIZED COORDINATION AGENTS ON DECEMBER 24, 1997, AND APRIL 8, 1998.

360 COMMUNICATIONS  
360 COMMUNICATIONS COMPANY OF FLORIDA  
360 COMMUNICATIONS COMPANY OF FT WALTON BEACH L P  
ACADIANA CELLULAR GENERAL PARTNERSHIP  
ADVANCED TEL-COM SYSTEMS CORP.  
ALDA GOLD, INC  
ALEXANDRIA CELLULAR LICENSE CORP.  
AMERICAN TELEPHONE AND TELEGRAPH COMPANY  
AMERICAN TOWER SYSTEMS INC  
ANDREW TOWER RENTALS, INC.  
AT&T COMMUNICATIONS  
AT&T COMMUNICATIONS OF THE SOUTH CENTRAL STATES INC.  
AT&T COMMUNICATIONS OF THE SOUTHWEST INC.  
AT&T WIRELESS SERVICES OF AUSTIN, INC.  
AT&T WIRELESS SERVICES OF COLORADO, INC  
AT&T WIRELESS SERVICES OF LONGVIEW, INC.  
AT&T WIRELESS SERVICES OF SHREVEPORT, INC.  
AUSTIN CITY OF  
AVOYELLES PARISH COMMUNICATION DISTRICT  
BATON ROUGE CELLULAR TELEPHONE COMPANY  
BATON ROUGE MSA LTD PART  
BELL ATLANTIC MOBILE SYSTEMS OF ALLENTOWN INC  
BELLSOUTH TELECOMMUNICATIONS INC  
BELLSOUTH TELECOMMUNICATIONS INC  
BRAZOS ELECTRIC POWER COOPERATIVE INC.  
CABLECOM GENERAL INC  
CAMERON TELEPHONE COMPANY  
CAPITAL CITIES CABLE INC.  
CAROUSEL COMMUNICATIONS  
CCC HOLDING COMPANY  
CELLCO PARTNERSHIP  
CELLULAR X L ASSOCIATES L P  
CELUTEL OF BILOXI INC  
CENTEL CELLULAR COMPANY OF TEXAS LTD PARTNERSHIP  
CENTENNIAL CELLULAR C/O CELLULAR ONE  
CENTENNIAL COMMUNICATIONS  
CENTENNIAL DESOTO CELLULAR CORPORATION  
CENTENNIAL HAMMOND CELLULAR CORP  
CENTRAL STATES MW TRANS. CO.  
CENTRAL TELEPHONE COMPANY OF FLORIDA  
CENTRAL TELEPHONE CORPORATION  
CENTURY CELLUNET OF NORTH LOUISIANA CELLULAR LP  
CENTURY TELEPHONE OF SAN MARCOS INC

# MICRONET COMMUNICATIONS, INC.

SUPPLEMENTAL SHOWING PART 101.103

MICRONET FILE NO.: 9700740-A  
PATHNET, INC  
HARVEY - NEW ORLEANS, LA

SUPPLEMENTAL DATE: APRIL 13, 1988

11.2 GHz



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CGKC&H RURAL CELLULAR PARTNERSHIP  
CHEVRON USA INC  
CHICAGO COMNET CORPORATION  
CONSORTIUM DIGITAL MICROWAVE SYSTEM  
CONTEL CELLULAR OF MOBILE INC  
CONTEL OF TEXAS  
CONTEL OF TEXAS INC D/B/A GTE TEXAS  
CONTEL OF THE SOUTH INC D/B/A GTE SYSTEMS OF THE SOUTH  
DALLAS CITY OF  
DALLAS SMSA LIMITED PARTNERSHIP  
DATACOM  
DELTACOM, INC  
E.N.M.R. (EASTERN NM RURAL TEL COOPERATIVE)  
EAST ASCENSION TELEPHONE CO INC  
EAST TEXAS TRANSMISSION COMPANY  
ENTERGY SERVICES INC  
EVANGELINE TELEPHONE COMPANY  
EXXON COMMUNICATIONS COMPANY  
GE AMERICOM  
GTE MOBILNET OF AUSTIN LIMITED PARTNERSHIP  
GTE MOBILNET OF HOUSTON INCORPORATED  
GTE MOBILNET OF SOUTH TEXAS LIMITED PARTNERSHIP  
GTE MOBILNET OF TEXAS RSA #11 L P  
GTE MOBILNET OF TEXAS RSA #16 LIMITED PARTNERSHIP  
GTE MOBILNET OF TEXAS RSA #17 L P  
GTE MOBILNET OF THE SOUTH INC  
GTE SOUTH INC  
GTE SOUTHWEST INC  
GTE SPRINT COMMUNICATIONS CORPORATION  
GUADALUPE VALLEY TELEPHONE COMPANY  
HARRIS CORPORATION  
HEARTLAND WIRELESS COMMUNICATIONS, INC  
IWL COMMUNICATIONS INC  
IWL COMMUNICATIONS, INC  
LAFAYETTE MSA LIMITED PARTNERSHIP  
LAFOURCHE TELEPHONE COMPANY  
LDDS COMMUNICATIONS INC  
LDDS CORPORATION  
LDX NETWORK INC  
LOUISIANA CGSA, INC.  
LOUISIANA RSA NO 7 CELL GEN PARTNERSHIP  
LOUISIANA STATE OF  
LOUISIANA STATE OF DEPT OF TRANS & DEVL P.  
LOWER COLORADO RIVER AUTHORITY  
LTEL NETWORKS INC  
MCCAW CELLULAR COMMUNICATIONS  
MCCAW CELLULAR COMMUNICATIONS OF TEXAS  
MCCAW COMMUNICATIONS OF THE MIDSOUTH - LAFAYETTE  
MCCAW COMMUNICATIONS OF THE MIDSOUTH - SAN ANTONIO  
MCCAW COMMUNICATIONS OF THE MIDSOUTH INC  
MCI TELECOMMUNICATIONS CORPORATION  
MERCURY CELLULAR TELEPHONE COMPANY

# MICRONET COMMUNICATIONS, INC.

SUPPLEMENTAL SHOWING PART 101.103

MICRONET FILE NO.: 9700740-A  
PATHNET, INC  
HARVEY - NEW ORLEANS, LA

SUPPLEMENTAL DATE:

11.2 GHz



MERCURY INC.  
METROPLEX TELEPHONE COMPANY  
MICRONET, INC  
MISSISSIPPI AUTHORITY FOR EDUCATIONAL TELEVISION  
MISSISSIPPI CELLULAR TELEPHONE COMPANY  
MOBIL OIL TELCOM LTD  
MONTANA MICROWAVE, INC.  
NETWAVE SYSTEMS INC  
NETWORK USA  
OFFSHORE TELEPHONE COMPANY THE  
PATHNET, INC  
PG&E TEXAS PIPELINE L P  
POST-NEWSWEEK CABLE INC  
PRIMECO PERSONAL COMMUNICATIONS L P  
QWEST COMMUNICATIONS CORP  
QWEST MICROWAVE INC  
QWEST MICROWAVE IV INC  
QWEST MICROWAVE V INC  
QWEST MICROWAVE VI INC  
QWEST TRANSMISSION INC  
RADIOFONE INC.  
RIG TELEPHONE INC DBA DATACOM  
SAN ANTONIO SMSA LIMITED PARTNERSHIP  
SATELLITE TRANSMISSION AND RECEPTION SPECIALISTS (STARS)  
SCI COMMUNICATIONS, INC.  
SHELL OFFSHORE SERVICES COMPANY  
SOUTH ALABAMA CELLULAR COMMUNICATIONS  
SOUTHERN NATURAL GAS COMPANY  
SOUTHWEST MICROWAVE INC  
SOUTHWEST TEXAS MICROWAVE TRANSMISSION COMPANY  
SOUTHWESTERN BELL TELEPHONE COMPANY  
SOUTHWESTERN BELL WIRELESS INC  
SOUTHWESTERN ELECTRIC POWER COMPANY  
SPRINT PCS  
SPRINT SPECTRUM LP D/B/A SPRINT PCS  
STAR TEL, INC.  
STAR TELEPHONE COMPANY  
TCI CABLEVISION OF TEXAS INC  
TELECOMMUNICATIONS MANAGEMENT GROUP LLC  
TEXAS #20 RURAL CELLULAR INC  
TEXAS RSA 10B1 LIMITED PARTNERSHIP  
TEXAS RSA 10B3 LIMITED PARTNERSHIP  
TEXAS RSA 11 INC  
TEXAS RSA 11B LIMITED PARTNERSHIP  
TEXAS RSA 18 LIMITED PARTNERSHIP  
TEXAS RSA 19 LTD PARTNERSHIP  
TEXAS RSA 20B1 LIMITED PARTNERSHIP  
TEXAS RSA 9B3 LP  
TRANSCONTINENTAL GAS PIPE LINE CORPORATION  
TRANSMISSION HOLDINGS, INC  
TYLER/LONGVIEW/MARSHALL MSA LIMITED PARTNERSHIP  
U S CELLULAR OPERATING CO OF TALLAHASSEE

# MICRONET COMMUNICATIONS, INC.

SUPPLEMENTAL SHOWING PART 101.103

MICRONET FILE NO.: 9700740-A  
PATHNET, INC  
HARVEY - NEW ORLEANS, LA

SUPPLEMENTAL DATE: APRIL 13, 1998

11.2 GHz

PAGE 4

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U S SPRINT COMMUNICATIONS COMPANY  
U S WEST COMMUNICATIONS INC  
UNION OIL COMPANY OF CALIFORNIA  
UNITED SATELCO TRANSMISSION INC. (USTI)  
UNITED VIDEO, INC.  
UNITED WEHCO INC  
WESTERN FLORIDA CELLULAR TELEPHONE  
WESTERN UNION TELEGRAPH COMPANY  
WILLIAMS WIRELESS INC  
WORLDCOM INC DBA/ LDDS WORLDCOM

RESPECTFULLY SUBMITTED,

*Eric Y. Pillet*  
ORIGINAL  
ERIC Y. PILLET  
SYSTEMS ENGINEER  
MICRONET COMMUNICATIONS, INC.

Micronet Communications, Inc.  
 720 Avenue F, Suite 100  
 Plano, Texas 75074  
 972-422-7200

File: 9700740 19  
 PCN Date: April 9, 1998  
 Company: PATHNET INC  
 Company Code

Site Name, State	HARVEY, LA	NEW ORLEANS, LA
Call Sign	HARVEY	NEW ORLEAN
Latitude	29 53 43.0 N	29 56 53.0 N
Longitude	90 4 52.0 W	90 4 5.0 W
Azimuth	12.16	192.16
Distance (miles/km)	3.72	5.99
Space Loss	128.99	
Elevation (ft/mtr amsl)	4.0/1.22	10.0/3.05
Transmit Ant Type	UHX6-107J RF	UHX6-107J RF
FCC Designation	A09390	A09390
Antenna Manufacturer	ANDREW CORPORATION	ANDREW CORPORATION
Antenna Gain (dbi)	44.0	44.0
Antenna Height (ft/mtr agl)	170.0/51.82	400.0/121.92
Receive Ant Type	UHX6-107J RF	UHX6-107J RF
FCC Designation	A09390	A09390
Antenna Manufacturer	ANDREW CORPORATION	ANDREW CORPORATION
Antenna Gain (dbi)	44.0	44.0
Antenna Height (ft/mtr agl)	170.0/51.82	400.0/121.92
Diversity Ant Type (RX Only)	UHX6-107J RF	UHX6-107J RF
FCC Designation	A09390	A09390
Antenna Manufacturer	ANDREW CORPORATION	ANDREW CORPORATION
Antenna Gain (dbi)	44.0	44.0
Antenna Height (ft/mtr agl)	130.0/39.62	400.0/121.92
Equipment Manufacturer	NEC AMERICA INC.	NEC AMERICA INC.
Manufacturer's Type	SONET/SDH2000/11	SONET/SDH2000/11
FCC Identifier	Z4001	Z4001
Emissions Designator	40M00F7W	40M00F7W
Stability (3)	0.0003	0.0003
Transmitter Power (dbm/watts)	29.7/0.93	29.7/0.93
Fixed Losses (Cm,Tx,Rx) (db)	2.12,0.0,0.0	4.84,0.0,0.0
Receive Level (dbm)	-18.25	-18.25
EIRP (dbm/watts)	71.58/14387.99	68.86/7691.31
Traffic	2240	2040
Modulation	DIGITAL	DIGITAL
Frequencies Transmitted (MHz)	10735.00V 10775.00H	11225.00H 11265.00V
	10815.00V 10855.00H	11305.00H 11345.00V
	10895.00V 10935.00H	11385.00H 11425.00V
	10975.00V 11015.00H	11465.00H 11505.00V
	11055.00V 11095.00H	11545.00H 11585.00V
	11135.00V 11175.00H	11625.00H 11665.00V

WILSON, INC.  
1315 31ST ST NW  
WASHINGTON, D.C. 20007

2805

15-279/588

DATE 4/15/98

PAY  
TO THE  
ORDER OF

FCC

\$ 770<sup>00</sup>/<sub>100</sub>

seven hundred seventy and 10/100

DOLLARS

**CRESTAR**

Crestar Bank  
Bernesca Mary, and

*[Signature]*

FOR

⑈00002805⑈ ⑈055002707⑈ 209675982⑈

**FCC 415**  
Main Form

**FEDERAL COMMUNICATIONS COMMISSION**

Approved by OMB  
3080-0747  
Expires 12/31/99  
Est. Avg. Burden Hours  
Per Response: 7 hrs.

FCC Use Only  
(E-File Number)

**Application for Authorization in the Microwave Services**  
Parts 74 and 101

FEE Use Only

**FILING FEE**

(a) Fee Type Code	(b) Fee Multiple	(c) Fee Due for Fee Type Code in (a)	(d) Total Amount Due	FEE Use Only
CJP	1	190.00	190.00	

**APPLICANT**

1. Legal Name of Applicant <b>Pathnet, Inc.</b>		2. Voice Telephone Number <b>(202) 625-7284</b>	
3. Assumed Name Used for Doing Business (if any)		4. Fax Telephone Number <b>(202) 625-7369</b>	
5. Mailing Address, Street or P.O. Box <b>1015 31st Street, N.W.</b> ATTENTION: <b>Rusty Wilson</b>			
6. City <b>Washington</b>		7. State <b>DC</b>	8. Zip Code <b>20007</b>
9. E-mail or Internet Address <b>rwilson@pathnet.net</b>		10. Taxpayer Identification Number <b>52-1941838</b>	
11. Name of Contact Representative (if other than applicant)		12. Voice Telephone Number	
13. Contact Representative Firm or Company Name		14. Fax Telephone Number	
15. Mailing Address, Street or P.O. Box			
16. City		17. State	18. Zip Code

**CLASSIFICATION OF FILING**

19. Type of Applicant ( <u>C</u> ) Individual    Partnership    Corporation    Unincorporated Association    Governmental Entity		
20. Does applicant qualify as a Non-Commercial Educational Broadcaster? ( <u>N</u> ) Yes No		
21. If this filing is an Amendment to a pending application: File number of Pending application: _____ Receipt Date: _____		22. Eligibility Rule Section <b>N/A</b>
		23. Service Type Code <b>PTP</b>
24. Does this filing propose a waiver or exception to the Commission's Rules? <small>"If 'yes', attach exhibit explaining circumstances"</small> ( <u>N</u> ) Yes No		
25. Does this filing pose potential interference to Geostationary Satellite Operation? <small>"If 'yes', attach exhibit explaining circumstances"</small> ( <u>N</u> ) Yes No		
26. Is notification to the National Radio Astronomy Observatory required? If "Yes", provide date of notification: _____ ( <u>N</u> ) Yes No		
27. If this filing is in reference to an existing station at the same location, give the call sign. If this filing is for a Transfer of Control or Assignment of Authorization, list all call signs to be transferred or assigned:		

**ADMINISTRATIVE INFORMATION**

<p>28. The purpose of this filing is to:</p> <p>( J )</p> <p>Enter one or more letters that correctly describes the purpose of this filing.</p>	<table border="0"> <tr><td><b>A</b></td><td>request an initial authorization for a new station (all)</td></tr> <tr><td><b>B</b></td><td>request authorization for modification of an existing licensed station (all)</td></tr> <tr><td><b>C</b></td><td>request authorization for a minor modification (Private and Common Carrier)</td></tr> <tr><td><b>D</b></td><td>request authorization to renew an existing licensed station (all)</td></tr> <tr><td><b>E</b></td><td>request authorization to reinstate an expired licensed station (all)</td></tr> <tr><td><b>F</b></td><td>request a full assignment of a radio station authorization (Private)</td></tr> <tr><td><b>G</b></td><td>request authorization of a developmental station (Private and Common Carrier)</td></tr> <tr><td><b>H</b></td><td>request authorization for transfer of control (Private)</td></tr> <tr><td><b>I</b></td><td>request authorization to convert from Private to Common Carrier (Common Carrier)</td></tr> <tr><td><b>J</b></td><td>request amendment to a pending application (all)</td></tr> </table>	<b>A</b>	request an initial authorization for a new station (all)	<b>B</b>	request authorization for modification of an existing licensed station (all)	<b>C</b>	request authorization for a minor modification (Private and Common Carrier)	<b>D</b>	request authorization to renew an existing licensed station (all)	<b>E</b>	request authorization to reinstate an expired licensed station (all)	<b>F</b>	request a full assignment of a radio station authorization (Private)	<b>G</b>	request authorization of a developmental station (Private and Common Carrier)	<b>H</b>	request authorization for transfer of control (Private)	<b>I</b>	request authorization to convert from Private to Common Carrier (Common Carrier)	<b>J</b>	request amendment to a pending application (all)
<b>A</b>	request an initial authorization for a new station (all)																				
<b>B</b>	request authorization for modification of an existing licensed station (all)																				
<b>C</b>	request authorization for a minor modification (Private and Common Carrier)																				
<b>D</b>	request authorization to renew an existing licensed station (all)																				
<b>E</b>	request authorization to reinstate an expired licensed station (all)																				
<b>F</b>	request a full assignment of a radio station authorization (Private)																				
<b>G</b>	request authorization of a developmental station (Private and Common Carrier)																				
<b>H</b>	request authorization for transfer of control (Private)																				
<b>I</b>	request authorization to convert from Private to Common Carrier (Common Carrier)																				
<b>J</b>	request amendment to a pending application (all)																				
<p>29. If this filing is for modification of an existing licensed station, or is for a partial assignment of authorization, specifically describe changes requested.</p> <p>N/A</p>																					
<p>30. Number of associated applications filed as a system</p> <p>19</p>	<p>31. FCC File Numbers of associated applications filed as a system, if known</p> <p>N/A</p>																				
<p>32. Type of MAS Operation</p> <p>( )</p>	<table border="0"> <tr><td><u>Two-way master-remote</u></td><td><u>Mobile meter reader</u></td></tr> <tr><td><u>One-way outbound</u></td><td><u>Subfrequency operation</u></td></tr> <tr><td><u>One-way Inbound</u></td><td><u>Multiple master operation</u></td></tr> </table>	<u>Two-way master-remote</u>	<u>Mobile meter reader</u>	<u>One-way outbound</u>	<u>Subfrequency operation</u>	<u>One-way Inbound</u>	<u>Multiple master operation</u>	<p>33. Requested Authorization Expiration Date</p> <p>Month 12 Day 31</p>													
<u>Two-way master-remote</u>	<u>Mobile meter reader</u>																				
<u>One-way outbound</u>	<u>Subfrequency operation</u>																				
<u>One-way Inbound</u>	<u>Multiple master operation</u>																				

**POINT OF CONTACT FOR TECHNICAL OPERATIONS**

<p>34. Mailing address street or geographical description</p> <p>Pathnet, Inc., 1015 31st Street, N.W.</p>	<p>35. Voice Telephone Number</p> <p>(202) 625-7284</p>	
<p>36. City</p> <p>Washington</p>	<p>37. State</p> <p>DC</p>	<p>38. Zip code</p> <p>20007</p>

**BROADCAST AUXILIARY APPLICANTS**

<p>39. Name of Broadcast Auxiliary frequency coordinator</p>	<p>40. Voice Telephone Number</p>
<p>41. Call Sign of associated Broadcast Station, if any</p>	<p>42. Radio Service Code of associated Broadcast Station</p>

**TRANSFER OF CONTROL APPLICANTS**

<p>43. Is this a pro forma Transfer of Control?</p>	<p>( N ) Yes No</p>		
<p>44. Is each station named in item 27 of this filing constructed and operational?</p>	<p>( N ) Yes No</p>		
<p>45. Name of Transferee</p>			
<p>46. Transferee's Mailing Address. Street</p>			
<p>47. City</p>	<table border="0"> <tr> <td>48. State</td> <td>49. Zip code</td> </tr> </table>	48. State	49. Zip code
48. State	49. Zip code		

**ENVIRONMENTAL POLICY**

50. Would a Commission grant of any proposal in this application or amendment have a significant environmental effect as defined by 47 CFR 1.1307? <small>* If "yes", attach environmental assessment as required by 47 CFR 1.1308 and 47 CFR 1.1311</small>	( N ) <u>Yes</u> No
---	---------------------

**FOREIGN GOVERNMENT REPRESENTATION**

51. Is the applicant a foreign government or the representative of any foreign government?	( N ) <u>Yes</u> No
--	---------------------

**COMMON CARRIER APPLICANTS - ALIEN OWNERSHIP**

52. Is the applicant an alien or the representative of an alien? *	( N ) <u>Yes</u> No
53. Is the applicant a corporation organized under the laws of any foreign government? *	( N ) <u>Yes</u> No
54. Is the applicant a corporation of which any officer or director is an alien or of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country? *	( N ) <u>Yes</u> No
55. Is the applicant a corporation directly or indirectly controlled by any other corporation of which any officer or more than one-fourth of the directors are aliens, or of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? <small>* If "yes", attach exhibit explaining nature and extent of alien or foreign ownership or control.</small>	( N ) <u>Yes</u> No

\*If yes, attach exhibit explaining circumstances.

**BASIC QUALIFICATIONS**

(To be completed by Private Operational Fixed and Common Carrier applicants only.)

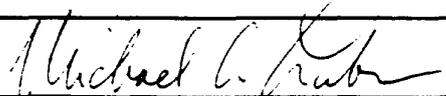
56. Has the applicant or any party to this application or amendment had any FCC station authorization, license or construction permit revoked or had any application for an initial, modification or renewal of FCC station authorization, license, construction permit denied by the Commission? *	( N ) <u>Yes</u> No
57. Has the applicant, or any party to this application or amendment, or any party directly or indirectly controlling the applicant ever been convicted of a felony by any state or federal court? *	( N ) <u>Yes</u> No
58. Has any court finally adjudged the applicant, or any person directly or indirectly controlling the applicant, guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement or any other means or unfair methods of competition? *	( N ) <u>Yes</u> No
59. Is the applicant, or any person directly or indirectly controlling the applicant, currently a party in any pending matter referred to in the preceding two items? *	( N ) <u>Yes</u> No
60. Is this a Common Carrier corporation? <small>If "Yes" attach exhibit showing names, addresses and citizenship of those stockholders owning of record and/or voting 10 percent or more of the filer's voting stock and the percentages so held. In the case of fiduciary control, indicate the beneficiary(ies) or class of beneficiaries. Also list the names and addresses of the officers and directors of the applicant as well as any controlling corporations. If this information is currently up to date and on file with the Commission, this additional exhibit is not required with this filing.</small>	( Y ) <u>Yes</u> No See Exhibit 1

\* If "yes", attach exhibit explaining circumstances.

**CERTIFICATION**

The APPLICANT waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. The applicant certifies that neither the applicant nor any other party to the application\* is subject to a denial of Federal benefits, that includes FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C., Section 862, because of a conviction for possession or distribution of a controlled substance. All statements made in exhibits are a material part hereof and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, hereby certifies that all statements made in this application and in all attached exhibits are true, complete and correct to the best of his or her knowledge and belief, and are made in good faith.

\*See 47 CFR 1.2002(b) for the meaning of "party to the application" for these purposes

61. Typed Name of Person Signing <b>Michael A. Lubin</b>	62. Title <b>Vice President &amp; Gen. Counsel</b>
63. Signature 	64. Date <b>July 16, 1998</b>

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).**

Exhibit 1

SHAREHOLDERS WITH 10 PERCENT OR GREATER INTEREST IN PATHNET, INC.			
Stockholder	Address	Citizenship	% of Total Shares
Spectrum Equity Investors, L.P.	One International Place Boston, MA 02110	Delaware	19.0656%
Spectrum Equity Investors II, L.P.	One International Place Boston, MA 02110	Delaware	10.1204%
New Enterprise Associates VI, L.P.	1119 Saint Paul Street Baltimore, MD 21202	Delaware	14.6792%
Toronto Dominion Capital (U.S.A.), Inc.	31 W 52nd Street New York, NY 10019	Delaware	10.7526%
Grotech Partners IV, L.P.	9690 Deereco Road Timonium, MD 21093	Delaware	10.7526%
David Schaeffer	1015 31st Street, N.W. Washington, D.C. 20007	USA	10.7632%

DIRECTORS OF PATHNET, INC.	
Director	Business Address
Richard A. Jalkut	1015 31st Street, N.W., Washington, D.C. 20007
David Schaeffer	1015 31st Street, N.W., Washington, D.C. 20007
Peter J. Barris	1015 31st Street, N.W., Washington, D.C. 20007
Kevin J. Maroni	1015 31st Street, N.W., Washington, D.C. 20007
Richard K. Prins	1015 31st Street, N.W., Washington, D.C. 20007
Patrick J. Kerins	1015 31st Street, N.W., Washington, D.C. 20007
Stephen A. Reinstadtler	1015 31st Street, N.W., Washington, D.C. 20007

OFFICERS OF PATHNET, INC.	
Officer	Business Address
David Schaeffer Chairman	1015 31st Street, N.W., Washington, D.C. 20007
Richard A. Jalkut President, CEO	1015 31st Street, N.W., Washington, D.C. 20007
Kevin J. Bennis President, Sales and Marketing	1015 31st Street, N.W., Washington, D.C. 20007
William R. Smedberg Vice President, Finance & Corporate Development	1015 31st Street, N.W., Washington, D.C. 20007
Michael A. Lubin Vice President & General Counsel	1015 31st Street, N.W., Washington, D.C. 20007
Michael L. Brooks Vice President, Network Development	1015 31st Street, N.W., Washington, D.C. 20007