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J. DOMINIC MONAHAN

DIRECT DIAL NO.

857-2730

December 3, 1990

CABLE "DOWLA"
TELEX 425546

VIA FEDERAL EXPRESS

Federal Communications Commission
Mass Media Services
P.O. Box 358180
Pittsburgh, Pennsylvania 15251-5180

Re: Annual Ownership Report, WTMS (AM/FM)
Presque Isle, Maine

Dear Sir/Madam:

On behalf of Cavan Communications Corporation, licensee of WTMS (AM/FM), Presque Isle, Maine, there is transmitted, in duplicate, the Annual Ownership Report (FCC Form 323) for the station.

A check in the amount of \$70.00 is enclosed to cover the filing fee.

If there are any questions with respect to this filing, kindly contact the undersigned.

Respectfully submitted,

CAVAN COMMUNICATIONS CORPORATION


J. Dominic Monahan

JDM:jmc
Enclosure

7

CERTIFICATION

States of America
Communications Commission
Washington, D. C. 20554

President

I certify that I am _____
(Official title, see Instruction 1)
of Cavan Communications Corporation
(Exact legal title or name of respondent)

that I have examined this Report, that to the best of my knowledge and belief,
all statements in the Report are true, correct and complete.

(Date of certification must be within 60 days of the date shown in Item 1 and
in no event prior to Item 1 date):

J. Dominic Thonahan December 1 19 90
(Signature) (Date)

Ownership Report

NOTE: Before filling out this form, read attached instructions

Section 310(d) of the Communications Act of 1934 requires that consent
of the Commission must be obtained prior to the assignment or transfer of
control of a station license or construction permit. This form may not be used
to report or request an assignment of license/permit or transfer of control
(except to report an assignment of license/permit or transfer of control made
pursuant to prior Commission consent).

1. All of the information furnished in this Report is accurate as of
December 1, 19 90
(Date must comply with Section 73.3615(a), i.e., information must be
current within 60 days of the filing of this report, when 1(a) below is
checked.)

Telephone No. of respondent (include area code):
(202) 857-2730

Any person who willfully makes false statements on this report can be punished
by fine or imprisonment. U.S. Code, Title 18, Section 1001.

This report is filed pursuant to Instruction (check one)

(a) Annual 1(b) Transfer of Control or Assignment of License 1(c) Other

Name and Post Office Address of respondent:
Cavan Communications Corporation
P.O. Box 1177
Presque Isle, Maine 04769

Call Letters	Location	Class of service
<u>WIMS</u>	<u>Presque Isle, Maine</u>	<u>AM</u>
<u>WIMS (FM)</u>	<u>Presque Isle, Maine</u>	<u>FM</u>

4. Name of entity, if other than licensee or permittee, for which report is filed
(see Instruction 3):
Filed for licensee

Give the name of any corporation or other entity for whom a separate
Report is filed due to its interest in the subject licensee (See Instruction 3):
None

5. Respondent is:
 Sole Proprietorship
 For-profit corporation
 Not-for-profit corporation
 General Partnership
 Limited Partnership
 Other: _____

Show the attributable interests in any other broadcast station of the
respondent. Also, show any interest of the respondent, whether or not
attributable, which is 5% or more of the ownership of any other
broadcast station or any newspaper or CATV entity in the same market
or with overlapping signals in the same broadcast service, as described
in Sections 73.3555 and 76.501 of the Commission's Rules

No other broadcast/media interests.

Please note that the principals of the licensee
completed the pro forma transfer of control of
Cavan Communications Corporation authorized
per BTC-900820GO and BTCH-900820GN, as of
November 1, 1990.

If a limited partnership, is certification statement included as in Instruction 4?
 Yes No

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06/11/90
02/20/90
BTC-900820GO
BTCH-900820GN

06/12/10/90

6. List all contracts and other instructions required to be filed by Section 73.3613 of the Commission's Rules and Regulations. (Only licensees, permittees, or a reporting entity with a majority interest in or that otherwise exercises de facto control over the subject licensee or permittee shall respond.)

Description of contract or instrument	Name of person or organization with whom contract is made	Date of Execution	Date of Expiration
Articles of Incorporation & ByLaws	State of Maine	August, 1987	Perpetual
Stock Option Agreement	G.W. Mitchell Dugan	May, 1988	Five Years
Stock Option Agreement	Charles Nadeau	August, 1990	Two Years

7. Capitalization (Only licensees, permittees, or a reporting entity with a majority interest in or that otherwise exercises de facto control over the subject licensee or permittee shall respond.)

Class of Stock (preferred, common or other)	Voting or Non-voting	Number of Shares			
		Authorized	Issued and Outstanding	Treasury	Unissued
Common	Voting	1,000	102	6	898

Remarks concerning family relationships, attribution exemptions and certifications: (See Instructions 4, 5 and 6)

8. List officers, directors, cognizable stockholders and partners. Use one column for each individual or entity. Attach additional pages, if necessary. See Instructions 4, 5, and 6.

Line (Read carefully - The numbered items below refer to line numbers in the following table.)

1. Name and residence of officer, director, cognizable stockholder or partner (if other than individual also show name, address and citizenship of natural person authorized to vote the stock). List officers first, then directors and, thereafter, remaining stockholders and partners.

2. Citizenship.

3. Office or directorship held.

4. Number of shares or nature of partnership interest.

5. Number of votes.

6. Percentage of votes.

7. Other existing attributable interests in any other broadcast station, including nature and size of such interest.

8. All other ownership interests of 5% or more (whether or not attributable), as well as any corporate officership or directorship, in broadcast, cable, or newspaper entities in the same market or with overlapping signals in the same broadcast service, as described in Sections 73.3555 and 76.501 of the Commission's Rules, including the nature and size of such interests and the position held.

1	(a)	(b)	(c)
	Walter S. Hamsher, III 1942 Rockingham McLean, VA 22207	James D. Monahan 411 Constitution Ave., N.E. Washington, D.C. 20002	Charles Nadeau P.O. Box 1035 Caribou, Maine 04736
2	U.S.	U.S.	U.S.
	Sec'y-Treasurer	President	Vice President
	50	50	2
5	50	50	2
6	49% rounded	49% (rounded)	2% (rounded)
7	NONE	NONE	NONE
8	NONE	NONE	NONE

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT
AND THE PAPERWORK REDUCTION ACT

The collection of personal information requested in this Report is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to assess compliance with the Commission's multiple ownership restrictions. The staff, consisting variously of attorneys and examiners, will use the information to determine such compliance. If all the information requested is not provided, processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to retain your authorization.

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16

Internal Communications Committee	
Docket No. 92-299	Exhibit No. 16
Presented by MASS MEDIA	
Disposition	Identified 3/24/94
	Received 3/24/94
	Rejected _____
Reporter M.K. FREISHMAN	
Date 3/24/94	

LAW OFFICES OF J. DOMINIC MONAHAN**777 High Street, Suite 290
Eugene, Oregon 97401-2787**Admitted to Practice District
of Columbia 1968(Practice Before Federal Courts and
Administrative Agencies)Telephone: (503) 484-8847
Telefax: (503) 484-4230

March 7, 1994

FACSIMILE and HARD COPY**May Bradfield
AM Facilities Branch
Federal Communications Commission
1919 M Street, N.W.
Washington, D.C. 20554**

Dear Ms. Bradfield:

Cavan Communications Corporation, the licensee of Station WTMS-AM, Presque Isle, Maine, respectfully requests special temporary authority to operate with its facilities using 1 Kw daytime and nighttime. As the Commission's records will reflect Station WTMS-AM is authorized to broadcast on 1390 kilocycles with 5 Kw day non-directional, and 5 kw nighttime with a directional antenna.

Although the station has been silent since 1991, the licensee has undertaken to refurbish the physical plant and seeks to return the station to operation as quickly as possible. However, before the Commission will allow the station to return with full facilities, it must first conduct a partial proof of the nighttime directional facilities. This may require another two weeks before a proof may be completed. In the meantime the station desires to return to operation by March 14, 1994, to accommodate its commitment made to the Commission in MM Docket No. 93-299. In that proceeding the Commission has raised the issue as to revocation of the station's license for failure to operate. The licensee believes that by returning to operation prior to the March 24, 1994, hearing date set in the above proceeding, that it can demonstrate its good faith intent to return the station to operation.

Cavan proposes to operate with 1 kw both day and night until such time as the engineering consultant completes a partial proof of performance, submit its license application on FCC Form 302, and receive program test authority from the Commission. Section 73.1620 of the Commission's Rules provides a lead time of ten days from date of filing for processing the license application and proof before it can issued program test on a directional mode of operation. Until program test authority is issued, Station WTMS-AM proposes to operate with 1 Kw of power during the daytime, instead of its authorized 5 kw power, because of the inability to

Page 2

efficiently shift between 5 kw to 1 kw to accommodate a reduced nighttime operating power. Once the program test authorization is issued, Station WTMS-AM will resume full 5 kw operation both day and night, using its directional facility at night.

Should additional information be desired concerning this request, please contact the undersigned.

Respectfully submitted,

CAVAN COMMUNICATIONS CORPORATION



J. Dominic Monahan, President

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17

<u>Federal Communications Commission</u>	
Docket No.	<u>98-279</u>
Exhibit No.	<u>37</u>
Presented by	<u>MASS MEDIA</u>
Disposition	Identified <u>3/24/94</u>
	Received <u>3/24/94</u>
	Rejected _____
Reporter	<u>M. K. FLEISHMAN</u>
Date	<u>3/24/94</u>

File

FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554
March 9, 1994

IN REPLY REFER TO:
8910-MB
STOP CODE 1800B2

Caven Communications Corporation
Radio Station WTMS-AM
P.O. Box 1177
Presque Isle, ME 04769

This is in reference to attorney letter dated 3/7/94. Temporary authority granted to operate with parameters at variance and/or reduced power while maintaining monitor points within authorized limits during nighttime hours. Concurrent authority is granted to operate nondirectionally with a reduced power of 1.0 kW during daytime hours only as necessary to continue service while a partial proof of performance is conducted. This authority expires 6/30/94. FCC form 302 shall be submitted upon completion of measurements.

James R. Burtle
Chief, AM Branch
Audio Services Division
Mass Media Bureau


May Bradfield
Comms. Analyst

EIC- Boston
ATTY- J. Dominic Monahan

Federal Communications Commission	
Docket No. 98-299	Exhibit No. 18
Presented by MASS MEDIA	
Disposition	Identified 3/24/94
	Revised 3/24/94
	Rejected _____
Reporter M.K. FLEISHMAN	
Date 3/24/94	

M
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 B
 E
 X.
 18

LAW OFFICES OF J. DOMINIC MONAHAN

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Eugene, Oregon 97401-2787

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Admitted to Practice District
of Columbia, 1988

Telephone: (503) 484-6847
Telefax: (503) 484-4230

COPY

March 22, 1994

William E. Caton
Acting Secretary
Federal Communications Commission
1919 M Street, N.W.
Washington, D.C. 20554

Attn: William Ball
AM Facilities Branch

Re: Application for License Returning
Station WEGP(AM), Presque Isle, Maine,
to Full Power After Extended Silence

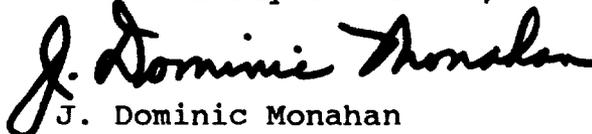
Dear Mr. Eaton:

There is transmitted herewith on behalf of Cavan Communications Corporation, the licensee of Station WEGP(AM) [formerly WTMS-AM], Presque Isle, Maine, an application in triplicate on FCC Form 302, requesting a direct measurement of power. This application is filed pursuant to the condition set forth in the last authorization from the Commission for the station to remain silent and includes a partial proof of performance and other measurement data demonstrating that the directional array of the station is performing substantially within the original parameters as determine in the station's original proof of performance.

Inasmuch as this application is filed as a direct measurement of power, no filing fee is required.

Should additional information be desired concerning this application, please contact the undersigned.,

Respectfully submitted,


J. Dominic Monahan

cc William Ball, FCC

APPLICATION FOR NEW BROADCAST STATION LICENSE
(Carefully read instructions before filling out Form)
RETURN ONLY FORM TO FCC

For <u>Commission Fee Use Only</u>	FEE NO:	For <u>Applicant Fee Use Only</u> Is a fee submitted with this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, indicate reason therefor (check one box): <input type="checkbox"/> Nonfeeable application Fee Exempt (See 47 C.F.R. Section 1.1112) <input type="checkbox"/> Noncommercial educational licensee <input type="checkbox"/> Governmental entity
	FEE TYPE:	
	FEE AMT:	
	ID SEQ:	

SECTION I - GENERAL DATA

For Commission Use Only
File No.

Legal Name of Applicant Cavan Communications Corporation	Mailing Address PO Box 1177		
	City Presque, Isle	State ME	Zip Code 04769
	Telephone No. (include area code) 207-768-5141		

1. Facilities authorized by construction permit

This application is for: Commercial Noncommercial
 AM Directional AM Non-Directional FM Directional FM Non-Directional TV

Call Letters WEGP	Community of License Presque Isle	Construction Permit File No.	Modification of Construction Permit File No(s).	Expiration Date of Last Construction Permit
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2. Is the station now operating pursuant to automatic program test authority in accordance with 47 C.F.R. Section 73.1820? Yes No

If No, explain.

3. Have all the terms, conditions, and obligations set forth in the above described construction permit been fully met? Yes No

If No, state exceptions.
Station has returned to operation after extended silence period. There have been no material changes in the operating values of the station set forth in its original license.

4. Apart from the changes already reported, has any cause or circumstance arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect? Yes No

If Yes, explain.

5. Has the permittee filed its Ownership Report (FCC Form 323) or ownership certification in accordance with 47 C.F.R. Section 73.3615(b)? Yes No

, explain.

Does not apply

2

The APPLICANT hereby 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. (See Section 304 of the Communications Act of 1934, as amended.)

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations and that all the exhibits are a material part hereof and are incorporated herein as set out in full in the application.

CERTIFICATION

I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Name of Applicant Cavan Communications Corporation	Signature <i>J. Dominic Thonahan</i>
Title President	Date March 22, 1994

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT,
U.S. CODE, TITLE 18, SECTION 1001.**

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, engineers, and applications examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information requested is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested authorization.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

Name of Applicant **Cavan Communications Corporation**

PURPOSE OF AUTHORIZATION APPLIED FOR: *(check one)*

- Station License
- Direct measurement of power

1. Facilities authorized in construction permit

Call Sign	File No. of Construction Permit <i>(if applicable)</i>	Frequency <i>(kHz)</i>	Hours of operation	Power in kilowatts	
				Night	Day
WEGP		1390	U	5.0	5.0

2. Station location

State ME	City or Town Presque Isle
-------------	------------------------------

3. Transmitter location

State ME	County Aroostook	City or Town Presque Isle	Street address <i>(or other identification)</i> 1.3 miles SW of city on Chapman Road
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4. Main Studio location

State ME	County Aroostook	City or Town Presque Isle	Street Address <i>(or other identification)</i> 160 Airport Drive
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5. Remote control point location *(specify only if authorized directional antenna)*

State ME	County Aroostook	City or Town Presque Isle	Street address <i>(or other identification)</i> on Route One WTMS FM Studio, 4.5 mi N
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6. Operating constants:

RF common point or antenna current (in amperes) without modulation for night system 10.4	RF common point or antenna current (in amperes) without modulation for day system 7.4
Measured antenna or common point reactance (in ohms) at operating frequency Night 50 Day 91.5	Measured antenna or common point reactance (in ohms) at operating frequency Night 0 Day 121.5

Antenna indications for directional operation

Tower	Antenna monitor Phase reading in degrees		Antenna monitor sample current ratio		Antenna base current	
	Night	Day	Night	Day	Night	Day
1	0°		1.0		5.9	
2	63°		.85		5.0	

Manufacturer and type of antenna monitor: **Potomac Instruments AM-19**

7. Description of antenna system

(If directional antenna is used, the information requested below should be given for each element of the array. Use separate sheets if necessary. Height figures should not include obstruction lighting.)

Type radiator uniform cross section guyed towers	Height in meters of complete radiator above base insulator, or above base if grounded. 60.04	Overall height in meters above ground <i>(without obstruction lighting)</i> 61.56	If antenna is either top loaded or sectionalized, describe fully in Exhibit No. ___
---	---	--	---

Antenna system Series Shunt

4

Geographic coordinate to nearest second. For directional antenna give coordinates of center of array. For single vertical radiator give tower location.

latitude	46° 39' 17"	West longitude	68° 03' 01"
----------	-------------	----------------	-------------

If not fully described above, attach as Exhibit No. A further details and dimensions including any other antenna mounted on tower and associated isolation circuits. Also, if necessary for a complete description attach as Exhibit No. _____ a sketch of the details and dimensions of ground system.

8. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

NONE

9. Give reasons for the change in antenna or common point resistance.

See engineering exhibit

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Name (Please Print or Type) Howard L. Soule	Signature (Check appropriate box below) 
Address (Include ZIP Code) PO Box 386 Bangor, Maine 04402	Date March 18, 1994
	Telephone No. (Include Area Code) 207-848-4202

Technical Director

Registered Professional Engineer

Chief Operator

Technical Consultant

Other (specify)

ENGINEERING EXHIBIT

Cavan Communications
Radio Station WTMS-AM, (WEGP)

1390 Khz 5.0 KW U DA-N

Engineering Statement

This engineering exhibit has been prepared on behalf of Cavan Communications, licensee of Radio Station WEGP, at Presque Isle, Maine. WEGP was formerly WTMS-AM.

WEGP has been off the air since March of 1991, and the license holder wishes to resume operation. Per FCC Rules, a partial proof of performance must be completed along with FCC form 302, Application for Station License.

A complete partial proof of performance was impossible to complete since the snow cover in the greater Presque Isle area averages from 2 to 4 four feet. However, the enclosed data will reveal that the directional array is performing substantially within the original parameters determined in the original proof of performance completed in 1960. The array also appears to be very stable.

The procedures described and the measurements taken were completed over a 2 and a half day period.

Impedance Measurements

Impedance measurements were initially accomplished using a Potomac 2 watt oscillator operating into a Delta OIB-3 impedance bridge, using a Potomac field intensity meter as an external detector. Final operating impedances were determined using a Delta OIB-3 Operating Impedance bridge at full operating power of 5kw. It will be noted that the NDA tower base impedance is substantially higher than the original proof 91.5 ohms vs 70.5 ohms. This can be explained by deep snow cover (in excess of 2 feet), at the base of the NDA tower, and the relative age of the ground system.

Field Intensity Measurements

All field measurements were made during the Daylight hours of March 16th and 17th of 1994. Field Intensity measurements were taken using a Potomac FIM-21 at selected locations in both the DA and NDA mode. Operating parameters for the station were as follows:

Nighttime:

Plate Voltage: 4900 volts
Plate Current: 1.42 amperes
Common Point Current: 10.4 amperes
Indicated Phase: -63.0 degrees
Indicated Ratio: 0.85

Daytime:

Plate Voltage: 4950 volts
Plate Current: 1.30 amperes
NDA Base Current: 7.40 amperes

Monitor Points

The two monitor points specified in the WEGP license are still useful and satisfactory, despite the more than 30 year lapse since their original selection. The field intensity measured at these two monitor points, showed compliance with the original license.

Methodology

All procedures and measurements described in this document were completed using good engineering practices and according to FCC Rules and regulations. The undersigned has substantial experience with AM Directional Arrays and is known before the Federal Communications Commission.

by:


Howard L. Soule

Date 3-18-94

Radio Station WEGP

Radial 15 Degrees

<u>Point No.</u>	<u>Distance (Miles)</u>	<u>MV/M</u> <u>DA-N</u>
20	3.0	66.0
25	5.5	16.5
30	10.6	6.0

Radial 60 Degrees

20	2.9	68.0
27	5.9	18.5
30	8.5	5.7

Radial 105 Degrees

24	3.3	61.0
29	5.25	19.5
33	7.6	6.4

Radial 150 Degrees

22	3.5	23.0
27	6.0	9.0
31	10.2	.95

Radial 190 Degrees

20	3.0	7.0
22	4.0	8.0
23	4.5	5.0
24	5.2	6.0

Radial 240 Degrees

<u>Point No.</u>	<u>Distance</u>	<u>HV/M</u> <u>DA-N</u>
5	3.55	1.2
7 (MP)	5.1	.85
10	5.9	.60

Radial 250 Degrees

3	3.0	1.7
5 (MP)	4.2	.95
8	6.0	.40

Radial 285 Degrees

18	3.0	3.9
25	5.9	1.5
28	7.9	.8

Radial 330 Degrees

7	3.9	19.0
11	5.5	13.5
15	9.1	1.4

Radio Station WEGP

Harmonic Content

Harmonic radiation was measured using a Hewlett Packard model 8592B spectrum analyzer at a distance of one mile using a broadband loop antenna. The results were as follows:

Second harmonic: - 105 db

Third harmonic: not measureable



COMMUNICATIONS SERVICE COMPANY

CONSULTING/ENGINEERING FOR BROADCAST, TELECOMMUNICATIONS, MICROWAVE

ANTENNA IMPEDANCE MEASUREMENT

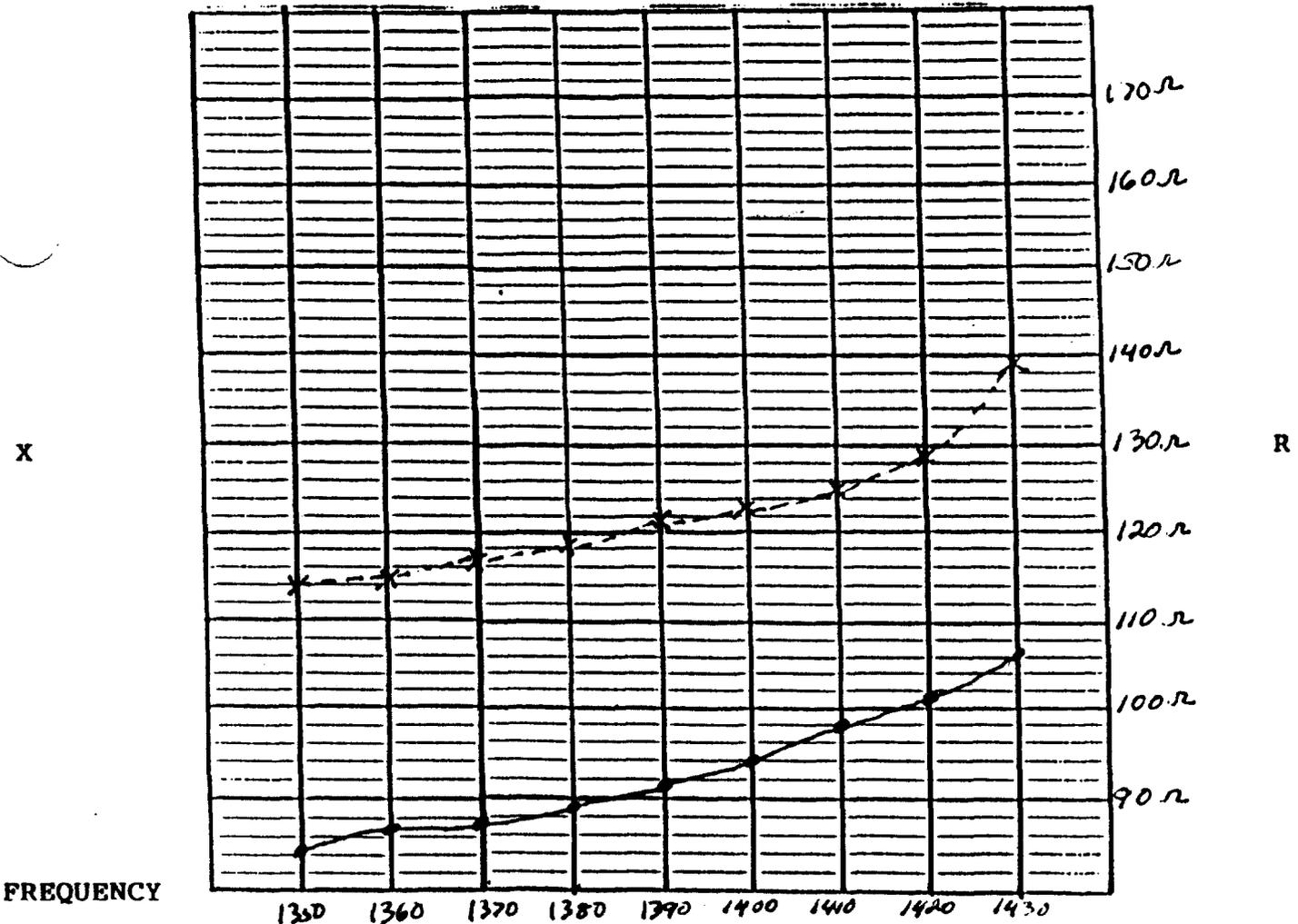
STATION WEGP

Frequency 1390KHz POWER/PATTERN 5kw NDA

Date 2:00PM Time 3-16-94 Engineer [Signature]

REACTANCE-X

RESISTANCE-R



11



COMMUNICATIONS SERVICE COMPANY

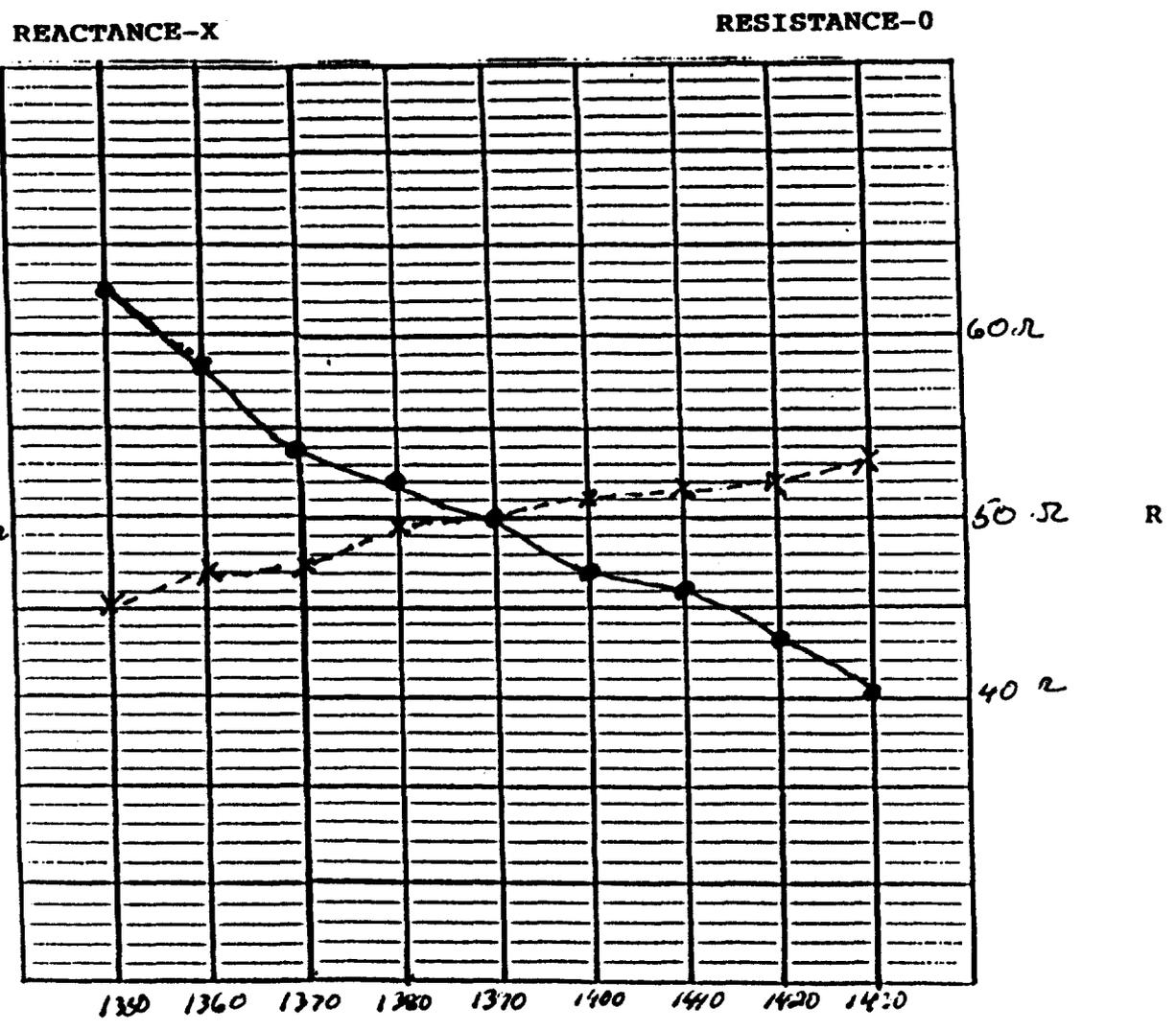
CONSULTING/ENGINEERING FOR BROADCAST, TELECOMMUNICATIONS, MICROWAVE

ANTENNA IMPEDANCE MEASUREMENT

STATION WEGP (COMMON POINT)

Frequency 1390 KHz POWER/PATTERN 5KW DA-N

Date 3-16-94 Time 11AM Engineer [Signature]



Radio Station WEGP

Exhibit A

A 950 mhz paralector type antenna used for STL purposes is mounted on tower number one at the 100 foot level. This antenna is fed with half inch flex coaxial cable and is isolated from ground with an iso-coupler.

Impedance measurements were taken with this additional antenna connected to the iso-coupler and with the coupler disconnected and the coaxial cable leading to the antenna grounded. The results showed no difference in operating impedance between each case.