

Bible Broadcasting Network Satellite Program Log

Time On	Time Off	PGM X	Program Title - Description X Announcement	Cart 2 Breakaways X BBN Promo.
5:27	5:57		Morning Sunshine	
5:57	6:00		To God Be The Glory	
6:00	6:05		BBN News/Good News	3.
6:05	6:15		Record Room	
6:15	6:17		Weather	
6:17	6:30		Record Room Creation Moments	
<hr/>				
6:30	6:45		Glad Tidings	
6:45	6:55		Record Room	
6:55	6:57		Weather	
6:57	7:00		Record Room	
7:00	7:05		BBN News/Good News	
7:05	7:13		Our Point of View	
7:13	7:30		Record Room Bible Quiz Question	4.
7:30	8:00		Morning Chapel Hour	
8:00	8:05		BBN News/Good News	
8:05	8:10		Our Daily Bread	
8:10	8:20		Record Room	
<hr/>				
8:20	8:22		Take-A-Minute	
8:22	8:30		Record Room	
8:30	9:00		Turning Point	
9:00	9:05		BBN News/Good News	
9:05	9:30		Record Room	5.
<hr/>				
9:30	10:00		Back To The Bible	
10:00	10:05		BBN News/Good News	
10:05	10:15		Record Room	
10:15	10:16		Discover the Word	
10:16	10:30		Record Room	5.
10:30	11:00		Insight for Living	
11:00	11:02:30		BBN News Headlines/ Good News Verse	

Bible Broadcasting Network Satellite Program Log

Time On	Time Off	PGM X	Program Title - Description X Announcement	Cart 2 Breakaways X BBN Promo.
11:02:30	11:15		Record Room	
11:15	11:30		Gateway to Joy	
11:30	11:35		Our Point of View	
11:35	11:55		Record Room	
11:55	12:00		Prayer For Our Nation	
PM				
12:00	12:05:30		BBN News/Good News Verse	
12:05:30	12:15:30		Record Room	
12:15:30	12:30:30		Christian Classics	
12:30:30	12:31		Weather (local)	
12:31	1:00		Thru the Bible	
1:00	1:05		BBN News Headlines/Good News Verse	7.
1:05	1:15		Record Room	
1:15	1:45		Family Altar	
1:45	2:00		Word of Life	
2:00	2:05		BBN News/Good News Verse (Pause 1 sec. on Tue.)	
2:05	2:30		Record Room	
2:30	3:00		Focus On The Family	8.
3:00	3:15		Daily Bible Reading	
3:15	3:30		Record Room	
3:30	3:33		Creation Moments	9.
3:33	3:45		Record Room	
3:45	3:48		Guidelines	
3:48	4:00		Record Room	
4:00	4:05:30		BBN News/Good News Verse	
4:05:30	4:30		The Captain's Club	

Bible Broadcasting Network Satellite Program Log

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Page _____

Time On	Time Off	PGM X	Program Title - Description X Announcement	Cart 2 Breakaways X BBN Promo.
4:30	4:45		Record Room	10.
4:45	4:50		How To Manage Your Money	
4:50	5:00		Record Room	
5:00	5:05		BBN News/Good News Verse	
5:05	5:15		Record Room	
5:15	5:20		Perspective	
5:20	5:30		Record Room	
5:30	5:35		Musical Backgrounds	
5:35	5:45		Record Room	
5:45	5:50		Young World	
5:50	6:00		Record Room	
6:00	6:05:30		BBN News/Good News Verse	11.
6:05:30	6:20		Record Room	
6:20	6:22		Take-A-Minute	
6:22	6:30		Record Room	
6:30	7:00		Insight For Living	12.
7:00	7:05		BBN News/Good News Verse	
7:05	7:30		Record Room	
			Bible Quiz	
7:30	8:00		Love Worth Finding	
8:00	8:30		Thru the Bible	
8:30	8:45		Record Room	13.
8:45	8:50		Our Point of View	
8:50	9:00		Record Room	
9:00	9:30		Conference Pulpit	
9:30	10:00		Record Room	
10:00	10:07:30		BBN News/Sports/Good News Verse	
10:07:30	10:15		Record Room	
10:15	10:16		Discover The Word	
10:16	10:30		Record Room	
10:30	10:45		Christian Classics	
10:45	11:00		Record Room	
11:00	11:02:30		BBN News/Good News Verse	
11:02:30	12:00		Record Room	14.

TRANSMITTER SITE CERTIFICATION FORM

CERTIFICATION OF SITE AVAILABILITY

1. The applicant certifies that it has reasonable assurance in good faith that the site or structure proposed in its application, as the location of its transmitting antenna, will be available to the application for applicant's intended purpose.

YES X NO _____

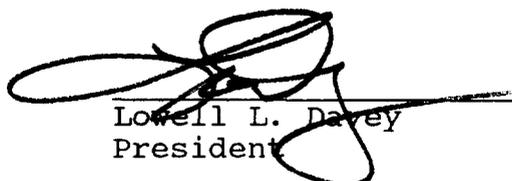
If no, explain fully

2. If reasonable assurance is not based on applicant's ownership of the proposed site or structure, applicant certifies that it has obtained such reasonable assurance by contacting the owner or person possessing control of the site or structure.

Joe Holman 501-646-6445
Name of person contacted Telephone number

Person contacted (check one):

Owner X Owner's Agent _____ Other (specify) _____



Lowell L. Davey
President

8/9/90
Date

FCC
015

Section V-B - FM BROADCAST ENGINEERING DATA	FOR COMMISSION USE ONLY File No. _____ ASB Referral Date _____ Referred by _____
---	---

Name of Applicant

Bible Broadcasting Network

Call letters *(if issued)*

Is this application being filed in response to a window? Yes No

If Yes, specify closing date: _____

Purpose of Application: *(check appropriate boxes)*

- | | |
|--|---|
| <input checked="" type="checkbox"/> Construct a new (main) facility | <input type="checkbox"/> Construct a new auxiliary facility |
| <input type="checkbox"/> Modify existing construction permit for main facility | <input type="checkbox"/> Modify existing construction permit for auxiliary facility |
| <input type="checkbox"/> Modify licensed main facility | <input type="checkbox"/> Modify licensed auxiliary facility |

If purpose is to modify, indicate below the nature of change(s) and specify the file number(s) of the authorizations affected.

- | | |
|---|---|
| <input type="checkbox"/> Antenna supporting-structure height | <input type="checkbox"/> Effective radiated power |
| <input type="checkbox"/> Antenna height above average terrain | <input type="checkbox"/> Frequency |
| <input type="checkbox"/> Antenna location | <input type="checkbox"/> Class |
| <input type="checkbox"/> Main Studio location | <input type="checkbox"/> Other <i>(Summarize briefly)</i> |

File Number(s) _____

1. Allocation:

Channel No.	Principal community to be served:		
	City	County	State
209	Fort Smith	Sebastian	AR

- Class *(check only one box below)*
- | | | | |
|---------------------------------------|-----------------------------|----------------------------|-----------------------------|
| <input checked="" type="checkbox"/> A | <input type="checkbox"/> B1 | <input type="checkbox"/> B | <input type="checkbox"/> C3 |
| <input type="checkbox"/> C2 | <input type="checkbox"/> C1 | <input type="checkbox"/> C | <input type="checkbox"/> D |

2. Exact location of antenna. Mt. Vista, Reservoir Hill, Van Buren, Crawford Co., AR

(a) Specify address, city, county and state. If no address, specify distance and bearing relative to the nearest town or landmark.

(b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates of center of array. Otherwise, specify tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

Latitude	35°	26'	51"	Longitude	94°	21'	54"
----------	-----	-----	-----	-----------	-----	-----	-----

3. Is the supporting structure the same as that of another station(s) or proposed in another pending application(s)? Yes No

If Yes, give call letter(s) or file number(s) or both. various land mobile services

If proposal involves a change in height of an existing structure, specify existing height above ground level including antenna, all other appurtenances, and lighting, if any.

DNA

10. Is a directional antenna proposed?

Yes No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.316, including plot(s) and tabulations of horizontally and vertically polarized radiated components in terms of relative field.

Exhibit No.

11. Will the main studio be located within the 70 dBu or 3.16 mV/m contour?

Yes No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1125.

Exhibit No.

12. Are there: (a) within 60 meters of the proposed antenna, any proposed or authorized FM or TV transmitters, or any nonbroadcast (except citizens band or amateur) radio stations; or (b) within the blanketing contour, any established commercial or government receiving stations, cable head-end facilities, or populated areas; or (c) within ten (10) kilometers of the proposed antenna, any proposed or authorized FM or TV transmitters which may produce receiver-induced intermodulation interference?

Yes No

If Yes, attach as an Exhibit a description of any expected, undesired effects of operations and remedial steps to be pursued if necessary, and a statement accepting full responsibility for the elimination of any objectionable interference (including that caused by receiver-induced or other types of modulation) to facilities in existence or authorized or to radio receivers in use prior to grant of this application. (See 47 C.F.R. Sections 73.315(b), 73.316(d) and 73.318.)

Exhibit No.
A

13. Attach as an Exhibit a 7.5 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction D for Section V. Further, the map must clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers.

Exhibit No.
E-5

14. Attach as an Exhibit (name the source) a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.
E-1

(a) the proposed transmitter location, and the radials along with profile graphs have been prepared;

(b) the 1 mV/m predicted contour and, for noncommercial educational applicants applying on a commercial channel, the 3.16 mV/m contour; and

(c) the legal boundaries of the principal community to be served.

15. Specify area in square kilometers (1 sq. mi. = 2.59 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area 1,271.2 sq. km.

Population 118,831 (1980 Census)
127,354 (1986 update)

16. Attach as an Exhibit a map (Sectional Aeronautical charts where obtainable) showing the present and proposed 1 mV/m (60 dbu) contours.

Exhibit No.
DNA

Enter the following from Exhibit above:

Gain Area _____ sq. mi.
Loss Area _____ sq. mi.

Percent change (gain area plus loss area as percentage of present area) _____ %.

If 50% or more this constitutes a major change. Indicate in question 2(c), Section I, accordingly.

Exhibit No.
DNA

17 For an application involving an auxiliary facility only, attach as an Exhibit a map (Sectional Aeronautical Chart or equivalent) that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license. See 47 C.F.R. Section 73.1675. (File No.: _____)

18. Terrain and coverage data (to be calculated in accordance with 47 C.F.R. Section 73.313).

Source of terrain data: (check only one box below)

Linearly interpolated 30-second database 7.5 minute topographic map

(Source: NGDC-TPG-0050)

Other (briefly summarize)

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 18 km (meters)	Predicted Distances to the 1 mV/m contour (kilometers)
0	43	12.0
45	93	17.8
90	138	21.8
135	156	23.2
180	136	21.7
225	154	23.0
270	104	18.9
315	118	20.1

Allocation Studies

(See Subpart C of 47 C.F.R. Part 73)

19. Is the proposed antenna location within 320 kilometers (199 miles) of the common border between the United States and Mexico? Yes No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Agreement between the United States of America and the United Mexican States concerning Frequency Modulation Broadcasting in the 88 to 108 MHz band.

Exhibit No.
DNA

20. Is the proposed antenna location within 320 kilometers of the common border between the United States and Canada? Yes No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Working Agreement for Allocation of FM Broadcasting Stations on Channels 201-300 under The Canada-United States FM Agreement of 1947.

Exhibit No.
E-6

21. If the proposed operation is for a channel in the range from channel 201 through 220 (88.1 through 91.9 MHz), or if this proposed operation is for a class D station in the range from Channel 221 through 300 (92.1 through 107.9 MHz), attach as an Exhibit a complete allocation study to establish the lack of prohibited overlap of contours with other U.S. stations. The allocation study should include the following:

Exhibit No.
E-6

- (a) The normally protected interference-free and the interfering contours for the proposed operation along all azimuths.
- (b) Complete normally protected interference-free contours of all other proposals and existing stations to which objectionable interference would be caused.
- (c) Interfering contours over pertinent arcs of all other proposals and existing stations from which objectionable interference would be received.
- (d) Normally protected and interfering contours over pertinent arcs, of all other proposals and existing stations, which require study to show the absence of objectionable interference.
- (e) Plot of the transmitter location of each station or proposal requiring investigation, with identifying call letters, file numbers and operating or proposed facilities.
- (f) When necessary to show more detail, an additional allocation study will be attached utilizing a map with a larger scale to clearly show interference or absence thereof.
- (g) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire Exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (h) The name of the map(s) used in the Exhibit(s).

22. With regard to any stations separated by 53 or 54 channels (10.6 or 10.8 MHz) attach as an Exhibit information required in 1/ (*separation requirements involving intermediate frequency (i.f.) interference*).

Exhibit No.
E-6

23.(a) Is the proposed operation on Channel 218, 219, or 220?

Yes No

(b) If the answer to (a) is yes, does the proposed operation satisfy the requirements of 47 C.F.R. Section 73.207?

Yes No

(c) If the answer to (b) is yes, attach as an Exhibit information required in 1/ regarding separation requirements with respect to stations on Channels 221, 222 and 223.

Exhibit No.

(d) If the answer to (b) is no, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose.

Exhibit No.

1/ A showing that the proposed operation meets the minimum distance separation requirements. Include existing stations, proposed stations, and cities which appear in the Table of Allotments; the location and geographic coordinates of each antenna, proposed antenna or reference point, as appropriate; and distance to each from proposed antenna location.

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 6)

(e) If authorization pursuant to 47 C.F.R. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:

Exhibit No.
DNA

- (1) Protected and interfering contours, in all directions (360°), for the proposed operation.
- (2) Protected and interfering contours, over pertinent arcs, of all short-spaced assignments, applications and allotments, including a plot showing each transmitter location, with identifying call letters or file numbers, and indication of whether facility is operating or proposed. For vacant allotments, use the reference coordinates as transmitter location.
- (3) When necessary to show more detail, an additional allocation study utilizing a map with a larger scale to clearly show prohibited overlap will not occur.
- (4) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (5) The official title(s) of the map(s) used in the exhibits(s).

24. Is the proposed station for a channel in the range from Channel 201 to 220 (88.1 through 91.9 MHz) and the proposed antenna location within the distance to an affected TV Channel 6 station(s) as defined in 47 C.F.R. Section 73.525?

Yes No

If Yes, attach as an Exhibit either a TV Channel 6 agreement letter dated and signed by both parties or a map and an engineering statement with calculations demonstrating compliance with 47 C.F.R. Section 73.525 for each affected TV Channel 6 station.

Exhibit No.
E-7

25. Is the proposed station for a channel in the range from Channel 221 to 300 (92.1-107.9 MHz)?

Yes No

If Yes, attach as an Exhibit information required in 1/. (Except for Class D (secondary) proposals.)

Exhibit No.

26. Environmental Statement (See 47 C.F.R. Section 1.1301 et seq.)

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact?

Yes No

If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

Exhibit No.

If No, explain briefly why not.

This application meets the requirements of OST Bulletin No. 65 and is categorically excluded from environmental processing pursuant to Section 1.1306 of the Commission's Rules; specifically, because it does not (1) involve a site location specified under Section 1.1307(a) (1)-(5); (2) involve high intensity lighting under Section 1.1307(a) (6); or, (3) result in human exposure to radio frequency radiation in excess of the applicable safety standards specified in Section 1.1307(b) of the Commission's Rules.

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

Name (Typed or Printed) E. Harold Munn, Jr.	Relationship to Applicant (e.g., Consulting Engineer) Technical Consultant
Signature 	Address (Include ZIP Code) Box 220 Coldwater, MI 49036
Date July 29, 1990	Telephone No. (Include Area Code) (517) 278-7339

FCC

ENGINEERING REPORT

NEW FM BROADCAST STATION

on CHANNEL 209(A)

Fort Smith, Ark.

July, 1990

PREPARED BY:

E. HAROLD MUNN, JR. &
ASSOCIATES, INC.

ONE HUNDRED AIRPORT ROAD

COLDWATER, MICHIGAN

(517) 278-7339

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11. Exhibit E-6 - Allocation Study
12. Exhibit E-7 - Study Concerning Television Channel 6
13. Exhibit E-8 - Study Showing Compliance With FCC Guidelines Concerning Human Exposure to Radiofrequency Radiation

CERTIFICATION OF CONSULTANT

The firm of E. Harold Munn, Jr. & Associates, Inc., Broadcast Engineering Consultants, with offices at 100 Airport Drive, Coldwater, Michigan, has been retained for the purpose of preparing the technical data forming this report.

The report has been prepared by properly trained electronics specialists under the direction of the undersigned whose qualifications are a matter of record before the Federal Communications Commission.

I declare under penalty of perjury that the contents of this report are true and accurate to the best of my knowledge and belief.

E. HAROLD MUNN, JR. & ASSOCIATES, INC.

July 29, 1990

By


E. Harold Munn, Jr., President

100 Airport Drive, Box 220
Coldwater, Michigan 49036

(517) 278-7339

DISCUSSION

This firm was retained to prepare the required engineering report in support of an application for a new Educational FM Broadcast Station, serving the area of Fort Smith, Arkansas.

FM Channel 209(A), 89.7 MHz may be used at the transmitter site proposed in this application without interference to or from any existing or proposed station. The details of the channel allocation are supplied in Exhibit E-6 of this report.

The transmitter site proposed in this application is an existing tower, owned by others, and supports various land mobile facilities.

The addition of the antenna proposed in this application will not increase the height of the structure. The FM antenna proposed will be side-mounted as shown in Exhibit E-3 of this report.

The transmitter site proposed in this application is located within the "affected radius" of Television Channel 6. A complete Exhibit concerning the potential of interference to Channel 6 is included as Exhibit E-7 of this report.

EXHIBIT "A"

The transmitting facility is so located that there is some resident population within the predicted "blanketing" contour, as defined in 47 C.F.R. 73.318. The applicant agrees that full compliance with the procedures and requirements of 73.318(b)(d) will be attained.

The applicant will take such engineering steps as may be required to satisfy complaints of "blanketing" including, but not limited to, the installation of filters, traps, or other devices to satisfy said complaints within the specified time period.

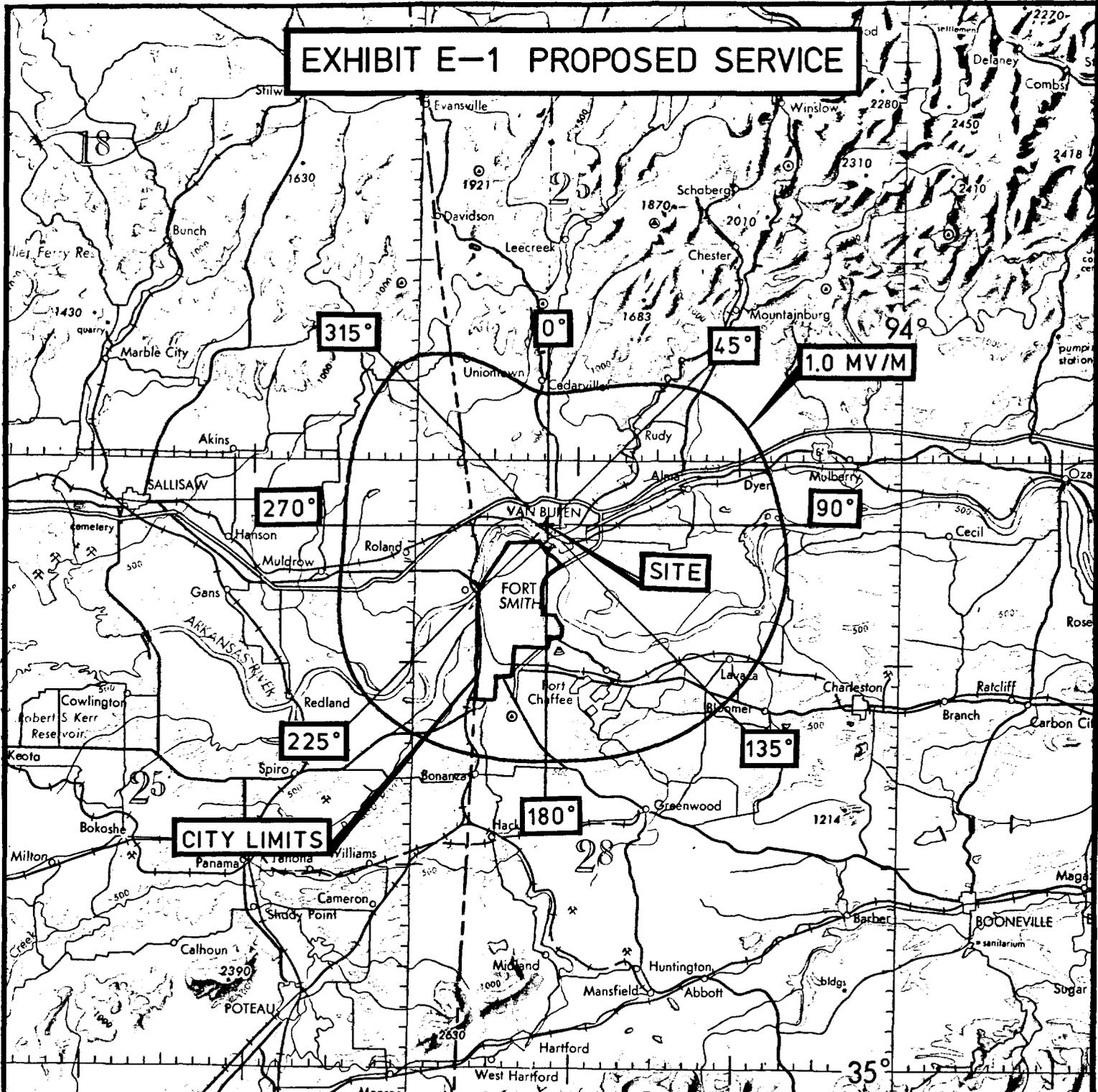
This applicant accepts full responsibility for the elimination of any objectionable interference.

The proposed transmitter is located within 10 km of existing or proposed FM and TV transmitters. This applicant does not believe that there would be any adverse effects on the operation of any other facility as a result of a grant of this application. The frequency separations, and the physical distance between the facilities should preclude any harmful effects.

In the event such harmful effects are noted, including but not limited to receiver-induced or other types of modulation, the applicant accepts full responsibility for the elimination of any objectionable interference to facilities in existence or authorized, or to radio receivers in use prior to grant of this application.

The applicant will take such engineering steps as may be required to satisfy complaints including, but not limited to, the installation of filters, traps, or other devices.

EXHIBIT E-1 PROPOSED SERVICE



Total Population (1980 Census):	118,835
Total Population (1980 Corr.):	118,831
Total Population (1986 Update):	127,354
Area (Square km):	1271.2

MEMPHIS
SECTIONAL AERONAUTICAL CHART
SCALE 1:500,000

E. HAROLD MUNN, JR.
& ASSOCIATES, INC.
Broadcast Engineering Consultants
Coldwater, Michigan

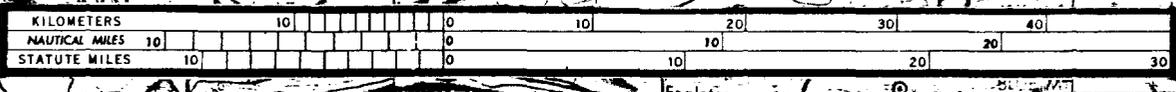


EXHIBIT E-2

ANALYSIS OF TOPOGRAPHIC DATA EMPLOYED

The topographic data employed in this application is based on the National Geophysical Center thirty second point topography data base, TPG-0050.

The averages calculated include 130 points between 3 and 16 km from the proposed transmitter site.

The transmitter site elevation was determined by means of 7.5' series topographic mapping. The site coordinates were also developed from the 7.5' series map. A portion of that map is included in this report as Exhibit E-5.

In the event a detailed topographic analysis using the 7.5' maps is required, such an analysis will be performed and supplied.

E. HAROLD MUNN, JR.
& ASSOCIATES, INC.
Broadcast Engineering Consultants
Coldwater, Michigan

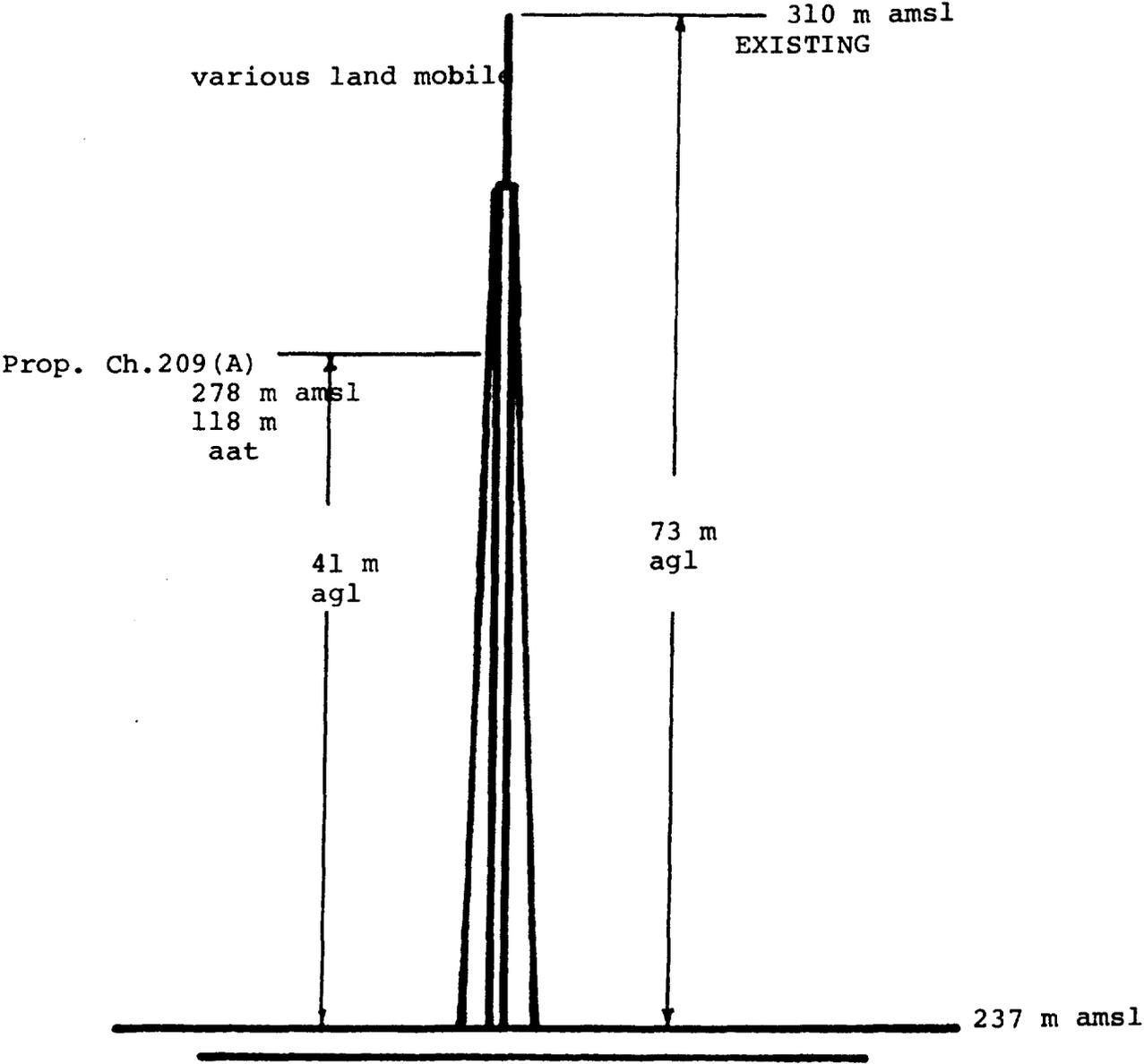
EXHIBIT E-3

VERTICAL PLAN

SITE LOCATION

Single, self-supporting steel tower
with land mobile services at top.
Tower is EXISTING, no height change

NL 35°26'51"
WL 94°21'54"
Mt. Vista, Reservoir Hill, Van Buren,
Crawford Co., Arkansas



not to scale

EXHIBIT E-4

PROPOSED FM OPERATING SPECIFICATIONS

Applicant: Bible Broadcasting Network

Frequency: 89.7 MHz Channel: 209 (A) ERP: 1.0 kW HAAT: 118 (meters)

Transmitter Location: Mt. Vista, Reservoir Hill, VanBuren

County: Crawford

State: Arkansas

Site Coordinates: NL 35°26'51"; WL 94°21'54" Site Elevation: 237 meters

Proposed Operation:

Effective Radiated Power: 1.0 (kW)H 1.0 kW(V)

Height of Antenna Radiation Center Above:

	<u>Average Terrain</u>	<u>Mean Sea Level</u>	<u>Gnd.</u>
H	118 meters	278 m	41 m
V	118 meters	278 m	41 m

Overall Height of Structure Above Ground: 73 meters

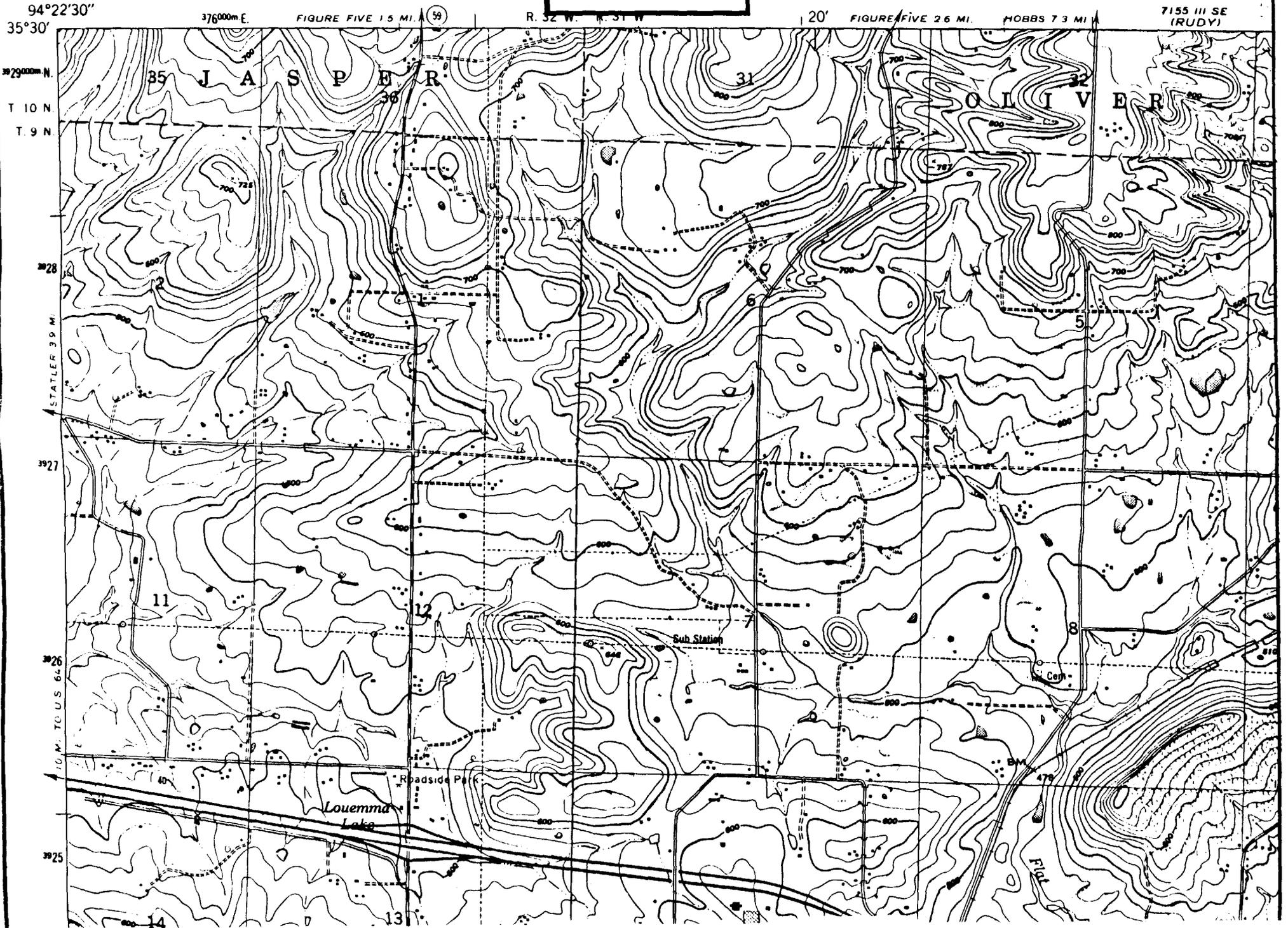
Overall Height of Structure Above Mean Sea Level: 310 meters

U.S.W.

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

EXHIBIT E-5

DEPARTMENT OF THE
CORPS OF ENGINEERS



27°30"

3924

3923

3922

3921

3920

25'

T. 9 N.

R. 15 W.

7154 IV NW
(FORT SMITH)

FORT SMITH 3.9 MI

SITE

VAN BUREN

ARKANSAS

E. HAROLD MUNN, JR.
& ASSOCIATES, INC.
Broadcast Engineering Consultants
Coldwater, Michigan

VAN BUREN, ARK.
NE/4 VAN BUREN 15' QUADRANGLE
N3522.5-W9415/7.5

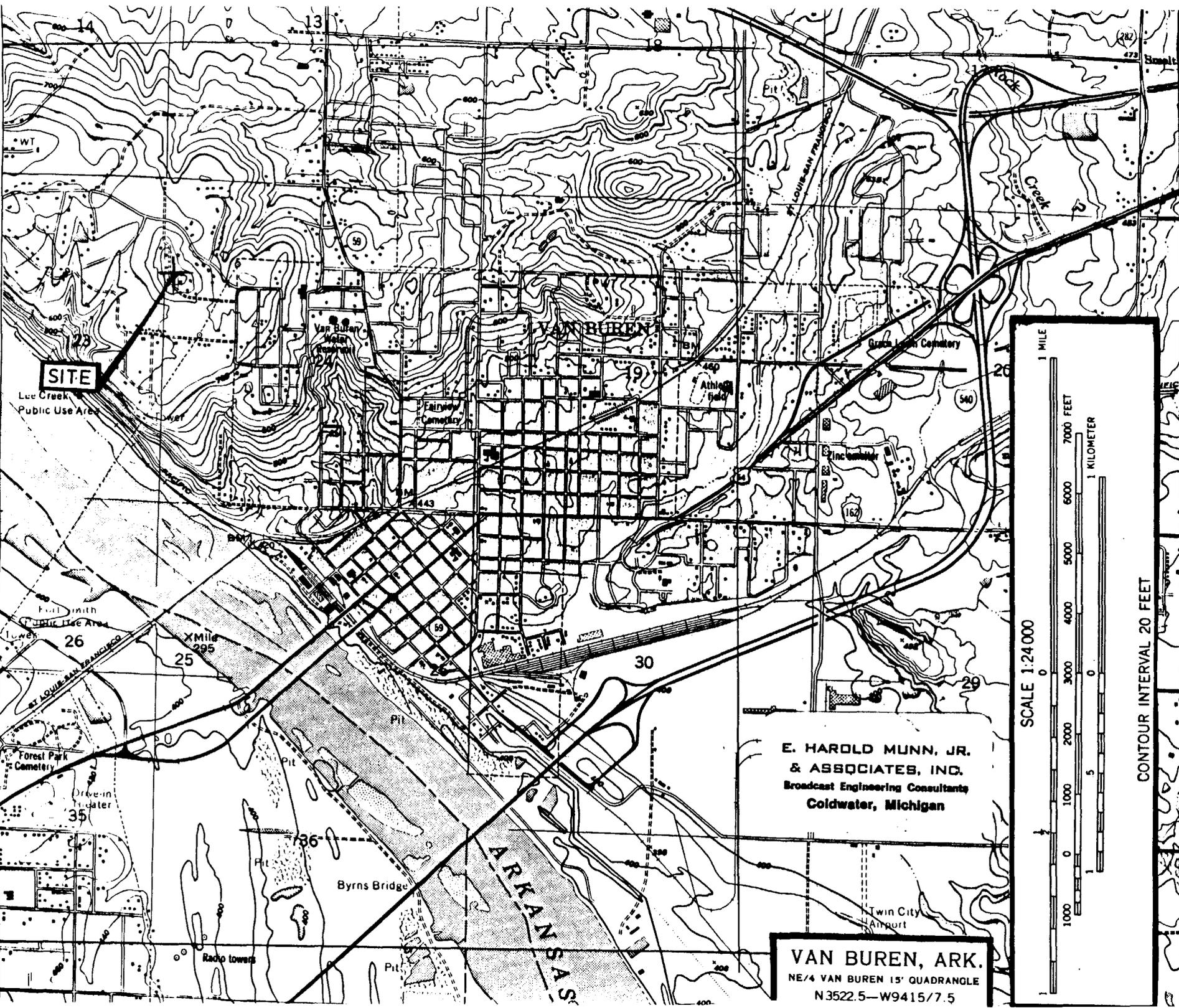
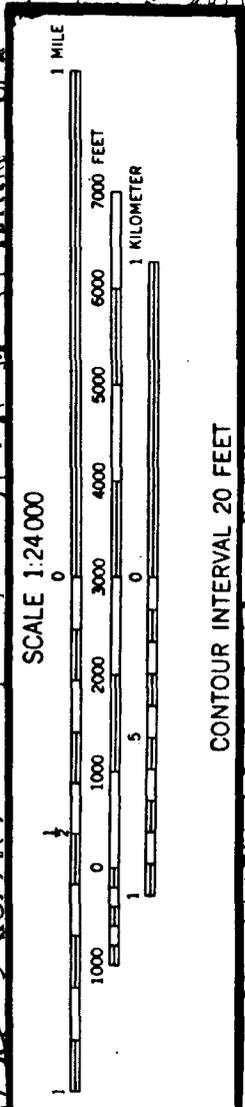


EXHIBIT E-5A

FREQ INFO ON ATIS

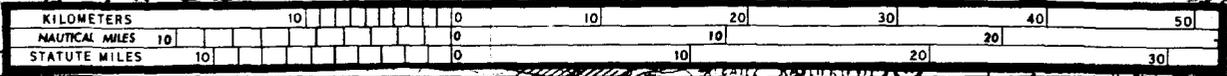
SITE

NOTE: That portion of the TRSA overlying R-2401 and R-2402 is not effective when these areas are active

E. HAROLD MUNN, JR. & ASSOCIATES, INC.
Broadcast Engineering Consultants
Coldwater, Michigan

RAPIDLY RISING TERRAIN
USE CAUTION DURING PERIOD
OF LOW CEILING AND VISIBILITY

MEMPHIS
SECTIONAL AERONAUTICAL CHART
SCALE 1:500,000



07-27-1990

E.H. MUNN & ASSOCIATES

517 278-7339

CH# 209A - 89.7 MHz
 Fort Smith, Arkansas Educational FM
 INTERFERENCE CHECKS WITH NEW, FORT SMITH, AR AT N. LAT. 35 26 51 W. LNG. 94 21 54
 PWR = 1 kW H.A.A.T = 118 M
 Protected F(50-50) 60 dBu = 19.84 km
 F(50-10) 40 dBu = 63.44 54 dBu = 30.18 80 dBu = 6.34 100 dBu = 1.69

CH#	CALL	TYPE	* IN *	* OUT *	BEARING	DISTANCE	LAT.	PWR(kW)	INT(km)	PRO(km)
CITY	STATE	LICENSEE	<---				LNG.	HAAT(M)	COR(M)	FILE #
206C1	KUAR.C	CP EN	156.0	114.0	112.9	185.47 km	34 47 50	100.00	9.66	69.81
Little Rock	AR	The Little Rock School Dis			292.9	115.25 Mi	92 29 26	269.0	394	BPED8810261C
206C1	KUAR.C	CPM EN	155.8	113.6	112.8	185.31 km	34 47 57	100.00	9.72	70.05
Little Rock	AR	The Little Rock School Dis			292.8	115.15 Mi	92 29 29	272.0	398	BMPE8511131A
208C1	KWGS *	LI CN	19.1	42.1	298.2	134.55 km	36 1 15	50.00	99.47	68.19
Tulsa	OK	The University of Tulsa			118.2	83.61 Mi	95 40 32	338.9*	519	BLED860707KG
> Reference HAAT at 298.2 degrees = 76.90001 M, Pwr.= 1 kW, Pro. contour = 15.95 km, Int. contour = 24.27 km										
210C	KRPS	LI CN	85.1	108.0	348.9	210.84 km	37 18 44	100.00	105.86	72.68
Pittsburg	KS	Pittsburg State University			168.9	131.01 Mi	94 48 58	305.0	579	BLED880518KC
211C2	KSBC	LI CN	119.0	106.3	129.9	152.46 km	34 33 56	5.00	13.66	39.78
Hot Springs	AR	Central Arkansas Christian			309.9	94.73 Mi	93 5 3	238.0	441	BLED840319AB

I.F. RELATIONSHIPS:

NONE FOUND

* Uses actual antenna radial HAAT and power toward reference

The closest spacing with the potential of overlap is to KWGS, Channel 208, Tulsa, Oklahoma. This relationship is plotted on the map section of this exhibit. Due to the spacing between the other listed facilities and the proposed Channel 209A station at Fort Smith, those facilities are not shown on the map.

E. HAROLD MUNN, JR.
 & ASSOCIATES, INC.
 Broadcast Engineering Consultants
 Coldwater, Michigan

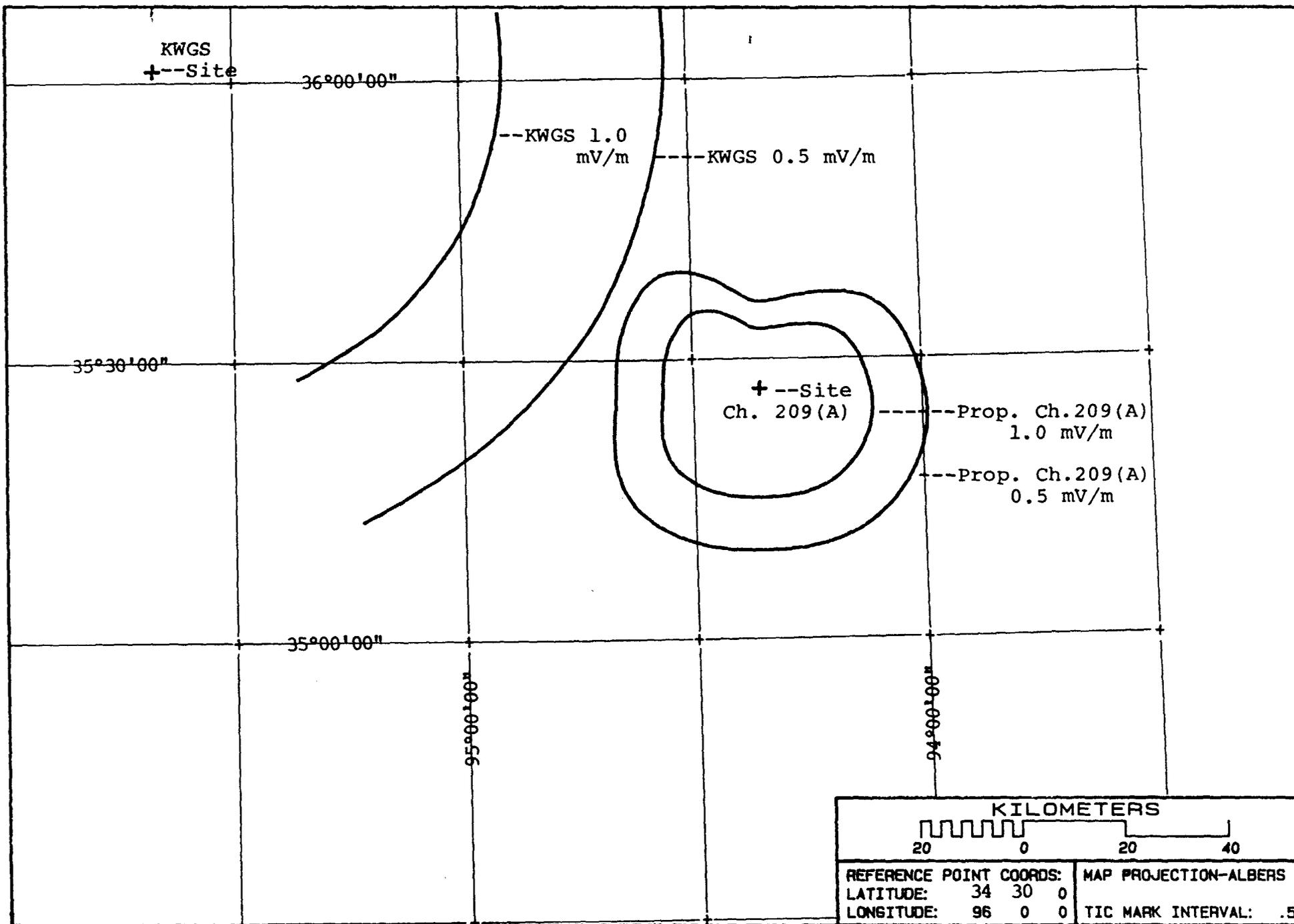


EXHIBIT E-6

PROPOSED Fort Smith, Arkansas CALCULATED CONTOURS

FSMI.60

Page no. 3 of 4

DISTANCES TO CONTOURS (Kilometers):

Frequency: 89.7000 MHz

F(50,50) Curves Number of Contours: 1

AZ (degs)	HAAT (m)	ERP (dBk)	CONTOUR LEVELS (dBu): 60.0
.0	43	.00	12.0
45.0	93	.00	17.8
90.0	138	.00	21.8
135.0	156	.00	23.2
180.0	136	.00	21.7
225.0	154	.00	23.0
270.0	104	.00	18.9
315.0	118	.00	20.1

DISTANCES TO CONTOURS (Kilometers):

Frequency: 89.7000 MHz

F(50,10) Curves Number of Contours: 1

AZ (degs)	HAAT (m)	ERP (dBk)	CONTOUR LEVELS (dBu): 54.0
.0	43	.00	17.4
45.0	93	.00	26.6
90.0	138	.00	32.3
135.0	156	.00	34.3
180.0	136	.00	32.1
225.0	154	.00	34.1
270.0	104	.00	28.1
315.0	118	.00	30.0