

STATEMENT OF HERMAN E. HURST, JR.
NEW FM STATION - SOUTH WAVERLY, PENNSYLVANIA
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occurs with these or any other facilities which have not been identified, the applicant will take appropriate steps to minimize the interference within the blanketing contour. Further, the applicant accepts the responsibility to alleviate any new intermodulation interference, including receiver induced, resulting from the instant proposal combined with a broadcast facility located within ten kilometers of the proposed site.

In accordance with the Commission's January 2, 1991, decision (FCC 91-3, Released January 14, 1991) regarding the application of WK LX, Inc., the applicant will exclude both mobile and battery-powered receivers from Receiver Induced Third Order Intermodulation and Blanketing Interference Resolution Requirements. In the event any type of intermodulation interference occurs with any other facilities which have not been identified, the applicant will take appropriate steps (i.e., install and maintain traps or filters) to minimize the interference in fixed receivers. The applicant will respond to complaints of blanketing interference for a period of one year, in compliance with Section 73.318(b) of the Commission's Rules.

AUXILIARY POWER PROVISION

The applicant proposes to install an auxiliary power system to prevent disruption of service in the event of a power outage. The transmitter site will be equipped with a 15 kVA backup generator to power the transmitter and associated equipment. The main studio will have a generator of sufficient power to operate a console and other equipment necessary for station operation. With this auxiliary power system installed, the proposed FM station will be able to operate in the event of an emergency power outage with minimal disruption of service to the public.

FAA NOTIFICATION

The Eastern Regional Office of the Federal Aviation Administration was notified of the proposed construction on FAA Form 7460-1 on June 28, 1991.

ENVIRONMENTAL CONSIDERATIONS

GENERAL

The proposal described herein meets the criteria specified in Section 1.1306 of the FCC Rules and Regulations as an action which is categorically excluded from environmental processing. The proposed FM facility involves neither a site location

specified under Section 1.1307(a)(1)-(5) of the Rules nor high intensity lighting as specified in Section 1.1307 (a)(6).

RADIOFREQUENCY IMPACT

Effective January 1, 1986, the FCC amended its Rules and Regulations to expand the manner in which the agency implemented the National Environmental Policy Act of 1969 (NEPA). This Commission action established procedures for evaluating the significance of radiofrequency (RF) radiation upon the environment from an FCC-regulated transmission facility. The adopted guidelines with respect to human exposure were those issued in 1982 by the American National Standards Institute (ANSI). In October 1985, the FCC issued OST Bulletin No. 65, entitled "Evaluating Compliance with FCC-Specified Guidelines for Human Exposure to Radiofrequency Radiation," to aid in the radiation exposure analysis. This Bulletin is based on the ANSI guideline as well as other current literature including models contained in the Environmental Protection Agency's "An Engineering Assessment of the Potential Impact of Federal Radiation Protection Guidance on the AM, FM, and TV Broadcast Service." The Bulletin describes procedures for conducting an analysis including mathematical equations that can be used to determine compliance with the Commission's guidelines. The ANSI guideline value (Table 1, Appendix A) is 1.0 milliwatt per centimeter squared (mW/cm²) for FM

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facilities. Based on the "worst-case" consideration with an ERP of 0.940 kW and an antenna radiation centerline of 25 meters AGL, the proposed new facility will produce a predicted power density at two meters above ground level of 0.119 mW/cm² which is in compliance with the Commission's guidelines.

OCCUPATIONAL SAFETY

Though the station's facilities will be operated by remote control, there are times when maintenance and repair tasks must be performed on equipment at the transmitter site. The applicant will insure the protection of station personnel or tower contractors working in the vicinity of the new FM antenna. The applicant will reduce power and/or cease operation during times of service or maintenance of the transmission systems when necessary to ensure protection to personnel.

In light of the above, the proposed new FM facility should be categorically excluded from RF environmental processing under Section 1.1307(b) of the Commission's Rules.

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SUMMARY

It is submitted that the proposal described herein complies with the Rules and Regulations of the Federal Communications Commission. This statement, FCC Form 301, and the attached exhibits were prepared by me or under my direct supervision and are believed to be true and correct.

DATED: June 28, 1991

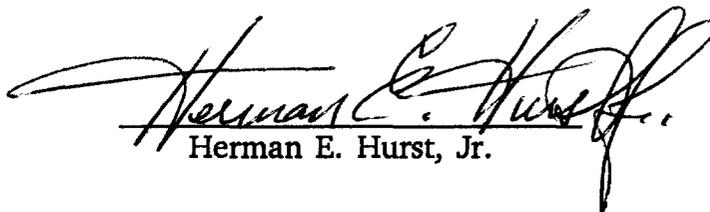

Herman E. Hurst, Jr.

TABLE 1

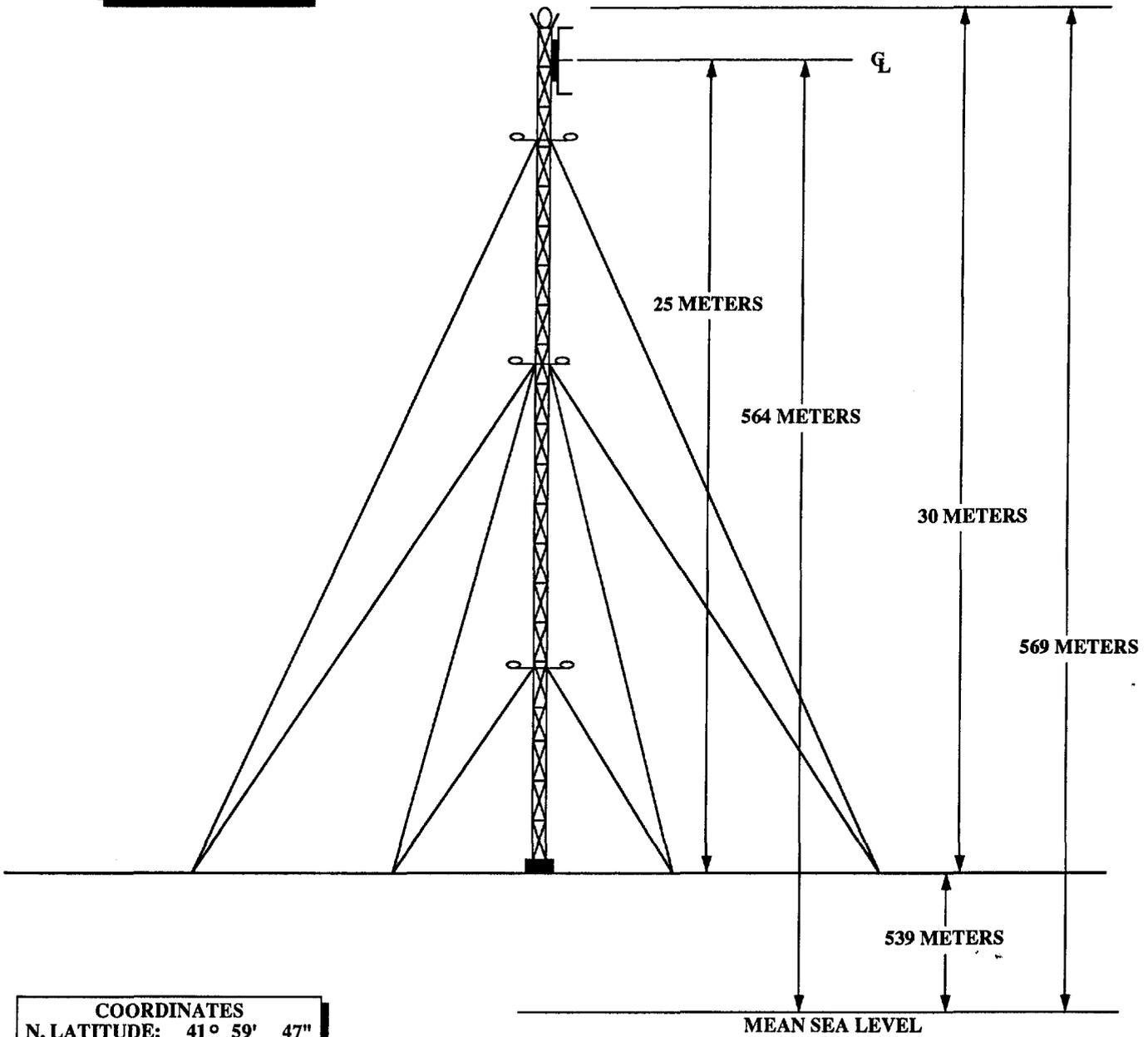
ALLOCATION STUDY
 NEW FM STATION - SOUTH WAVERLY, PENNSYLVANIA
 CHANNEL 241A - 0.94 KW ERP - 180 M HAAT

COORDINATES: 41° 59' 47" North Latitude
 76° 41' 26" West Longitude

CHANNEL	CALL	CITY AND STATE	LATITUDE	LONGITUDE	STATUS	DISTANCE (KM)	REQUIRED (KM)	CLEAR (KM)
238A	WKHLFM	Salladasburg PA	41 14 0	77 12 9	CP	94.88	31.0	63.88
238A		Chenango Bridge NY	42 8 13	75 52 32	ADD	69.24	31.0	38.24
239B1	WAQXFM	Manlius NY	43 0 25	76 5 38	LIC	122.50	48.0	74.50
239B	WPIG	Olean NY	42 2 8	78 26 47	LIC	145.51	69.0	76.51
239A	WAXH	Olyphant PA	41 26 9	75 43 45	CP MOD	101.38	31.0	70.38
239A	WAXH	Olyphant PA	41 26 10	75 43 45	APP	101.36	31.0	70.36
240A	WFLRFM	Dundee NY	42 32 40	76 59 35	LIC	65.79	64.0	1.79 *
240A	WVOSFM	Liberty NY	41 45 9	74 43 1	LIC	166.06	72.0	94.06
240A	WBNE	Benton PA	41 10 16	76 24 37	LIC	94.59	72.0	22.59
240A	WBNE	Benton PA	41 10 15	76 24 28	CP	94.67	72.0	22.67
240A	WMRFFM	Lewistown PA	40 36 30	77 34 45	LIC	171.18	72.0	99.18
240A	WMRFFM	Lewistown PA	40 36 30	77 34 45	APP	171.18	72.0	99.18
241B1	WFRG	Rome NY	43 2 14	75 26 40	CP	154.45	143.0	11.45
241B1	WFRG	Rome NY	43 2 14	75 26 40	LIC	154.45	143.0	11.45
241B	WJYE	Buffalo NY	42 53 10	78 52 25	LIC	205.01	178.0	27.01
241A	NEW	Poughkeepsie NY	41 44 46	73 54 46	CP	232.28	115.0	117.28
241B	WLEV	Easton PA	40 35 55	75 25 12	LIC	188.21	178.0	10.21
241B	WGCBFM	Red Lion PA	39 54 17	76 34 51	LIC	232.47	178.0	54.47
241A	WMHU	Renovo PA	41 19 36	77 45 0	ADD	115.41	115.0	.41
242B1	WJSAFM	Jersey Shore PA	41 7 32	77 22 25	ADD	112.25	96.0	16.25
242C1		Mississauga ON	43 35 38	79 38 2		299.07	181.0	118.07
242A	WUNS	Lewisburg PA	40 57 36	76 53 36	DEL	116.34	72.0	44.34
242A	WUNS	Lewisburg PA	40 56 40	76 52 45	CP	117.89	72.0	45.89
242B	CFMKFM	Kingston ON	44 10 2	76 25 40		242.06	149.0	93.06
243B	WCMF	Rochester NY	43 8 7	77 35 2	LIC	146.24	69.0	77.24
243B	WPELFM	Montrose PA	41 51 16	75 51 50	LIC	70.36	69.0	1.36
244A	WFRMFM	Coudersport PA	41 45 11	78 0 3	APP	112.08	31.0	81.08
244A	WFRMFM	Coudersport PA	41 45 11	78 0 3	LIC	112.08	31.0	81.08
244A	WPGMFM	Danville PA	40 59 16	76 32 51	LIC	112.65	31.0	81.65
295B	WPCX	Auburn NY	42 48 5	76 26 14	LIC	91.82	15.0	76.82
295A		Renovo PA	41 19 36	77 45 0	ADD	115.41	10.0	105.41
295A		Scranton PA	41 25 41	75 44 50	VACANT	100.74	10.0	90.74

* SECTION 73.213(c)(1) GRANDFATHERED SPACING USED

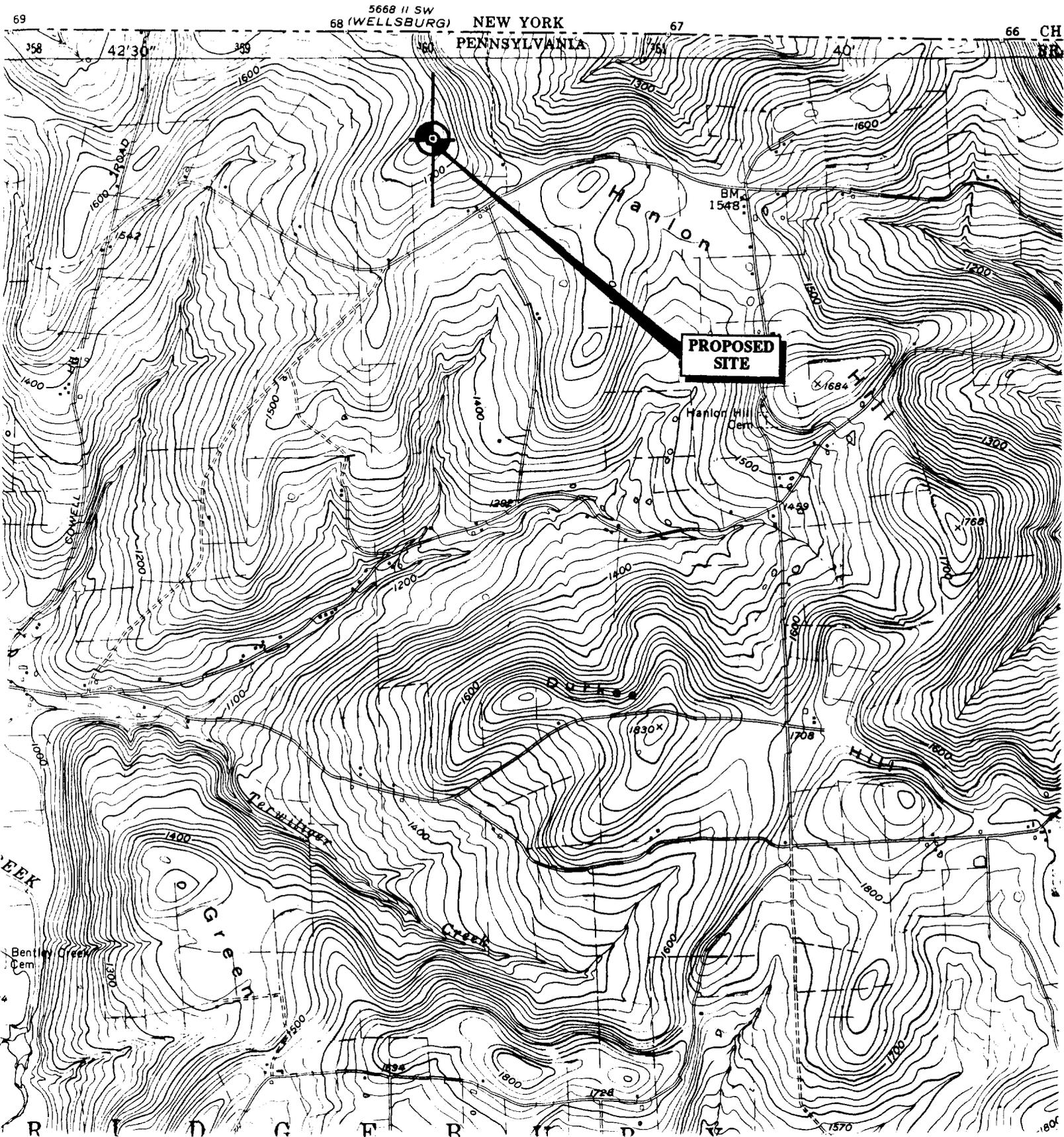
NOTE: NOT DRAWN TO SCALE



COORDINATES
N. LATITUDE: 41° 59' 47"
W. LONGITUDE: 76° 41' 26"

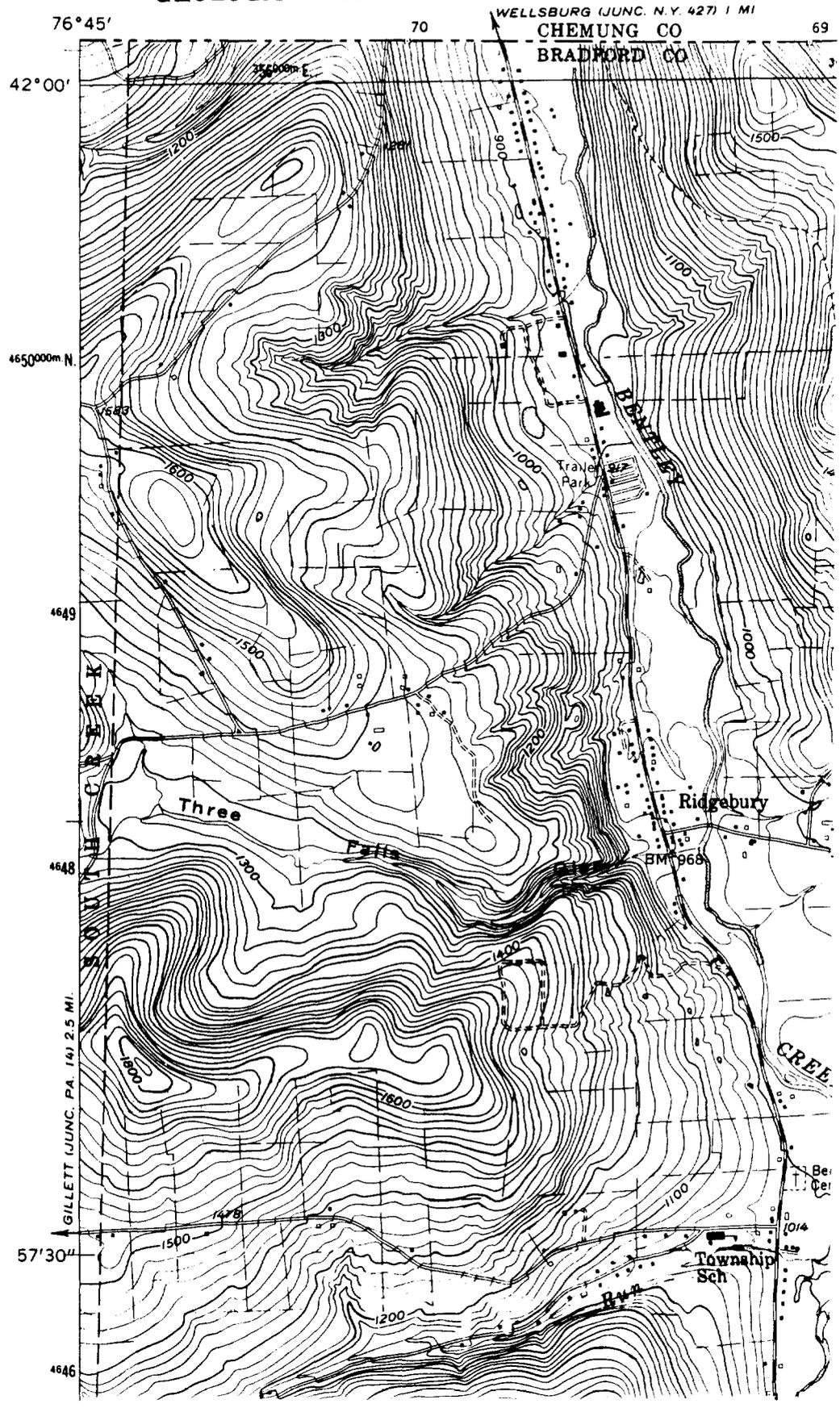
VERTICAL PLAN ANTENNA SKETCH
NEW FM SOUTH WAVERLY, PENNSYLVANIA
CH: 241 A --- 0.94 kW ERP --- 180 M HAAT
JUNE, 1991

STATE OF PENNSYLVANIA
DEPARTMENT OF INTERNAL AFFAIRS
TOPOGRAPHIC AND GEOLOGIC SURVEY



5698 III SE
(ELMIRA)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



76°45'

70

WELLSBURG (JUNC. N.Y. 427) 1 MI

CHEMUNG CO

BRADFORD CO

69

42°00'

4650000m N

4649

4648

GILLET JUNC. PA. 14) 2.5 MI

57'30"

4646

Three Falls

Ridgbury

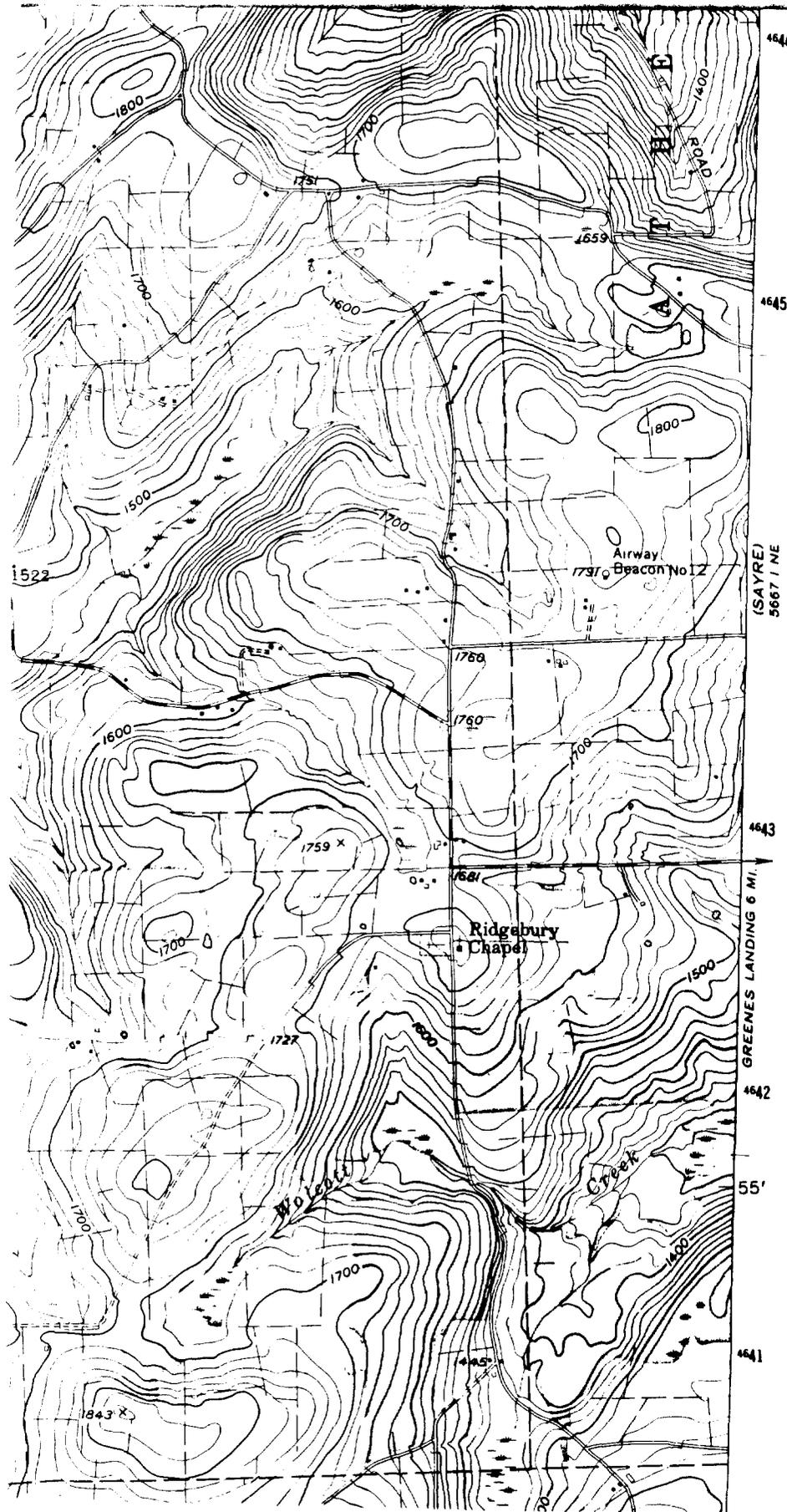
BM 968

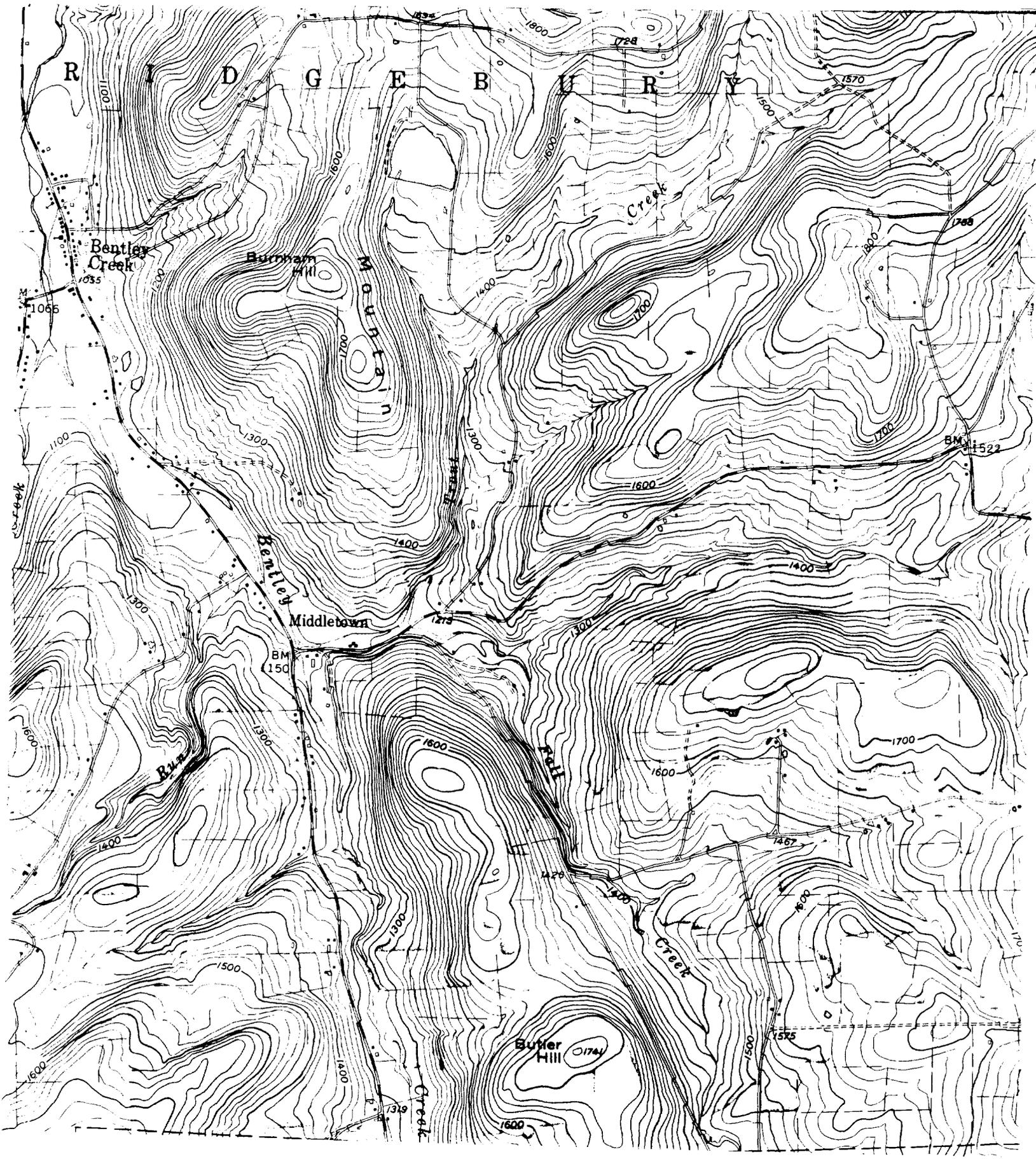
Township Sch

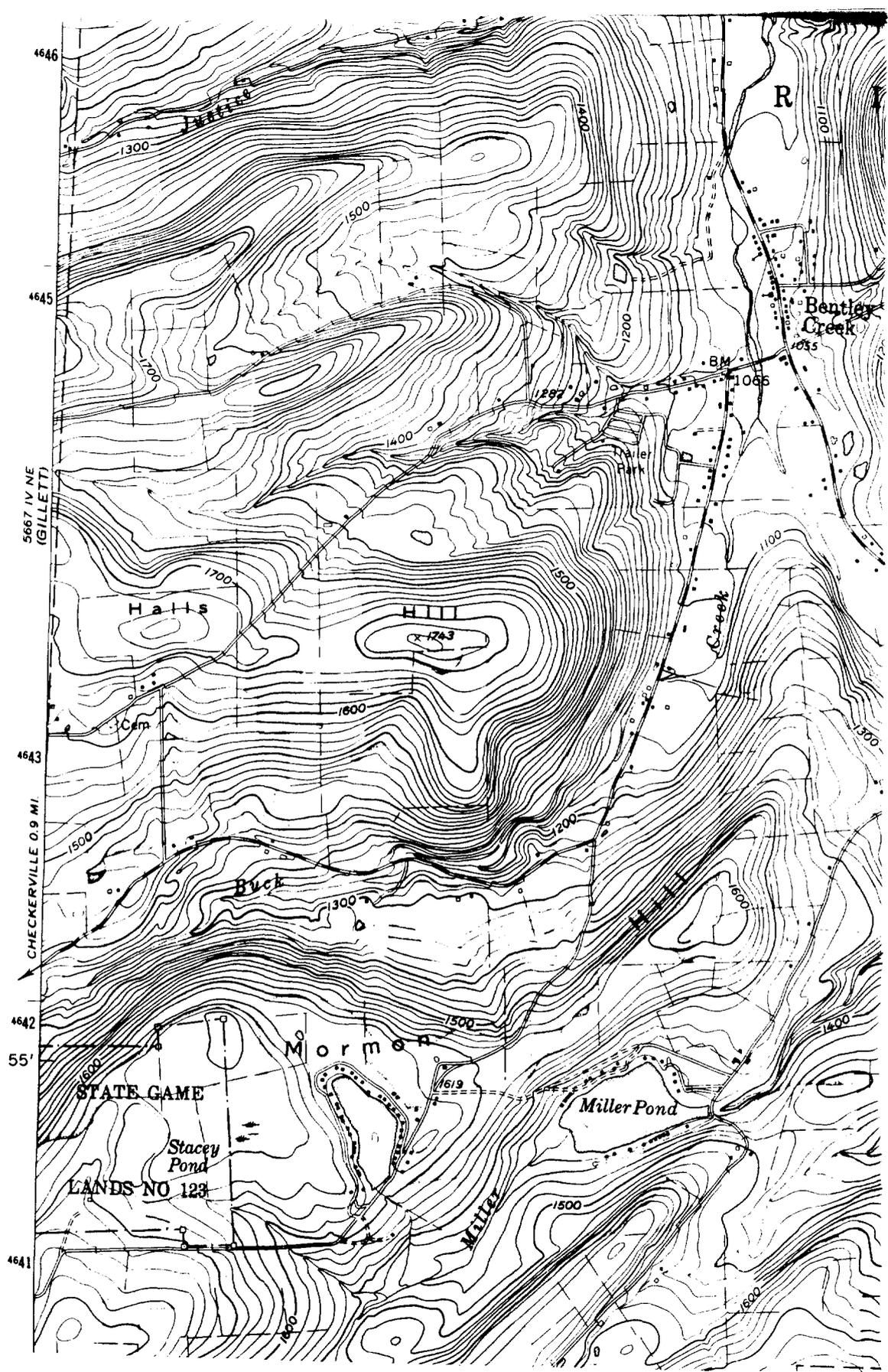
CREE

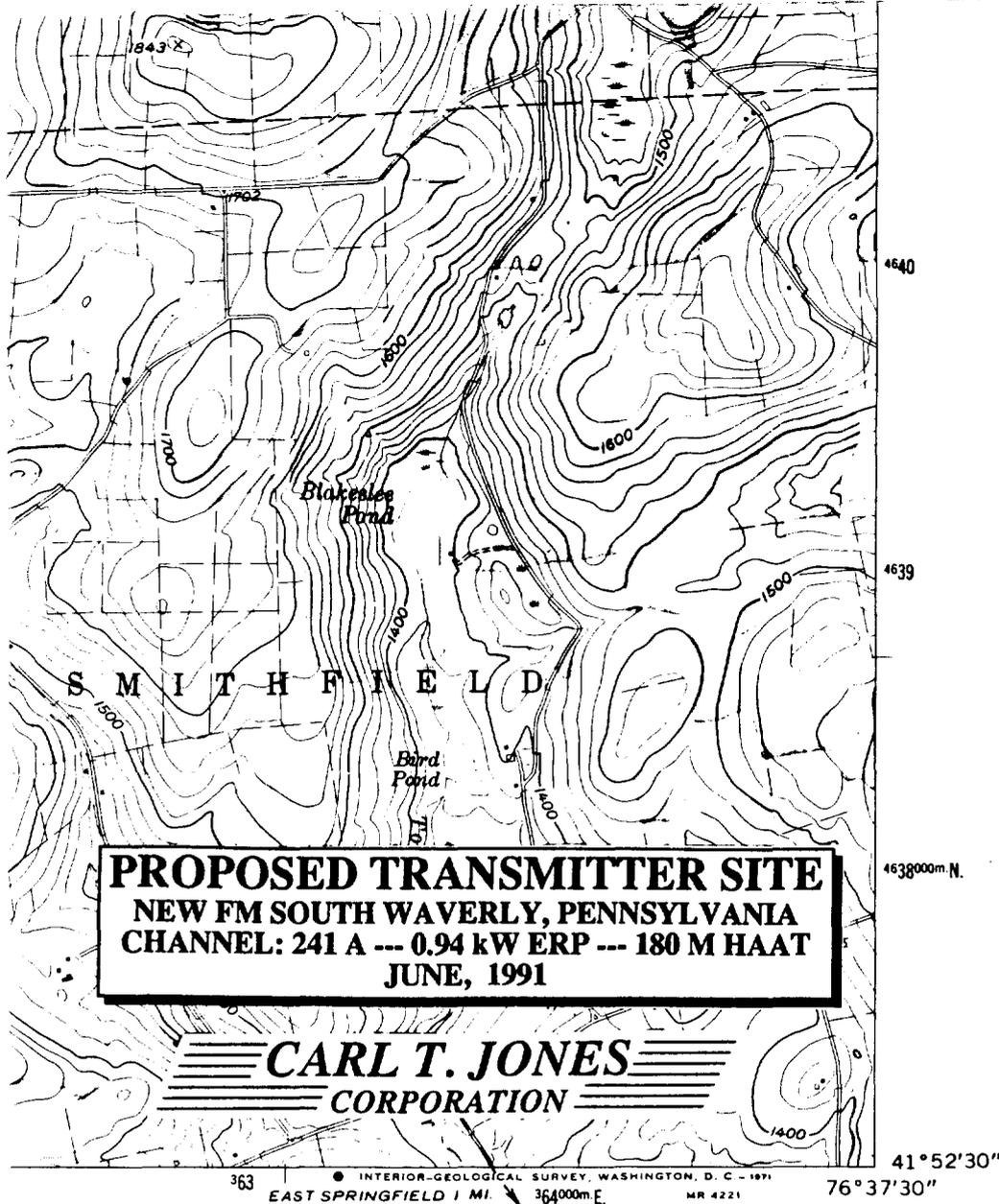
Bel
Gel

014







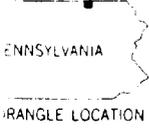


PROPOSED TRANSMITTER SITE
NEW FM SOUTH WAVERLY, PENNSYLVANIA
CHANNEL: 241 A --- 0.94 kW ERP --- 180 M HAAT
JUNE, 1991

CARL T. JONES
CORPORATION

363 ● INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C. - 1971 41°52'30"
 EAST SPRINGFIELD 1 MI. 364000m E. MR 4221 76°37'30"

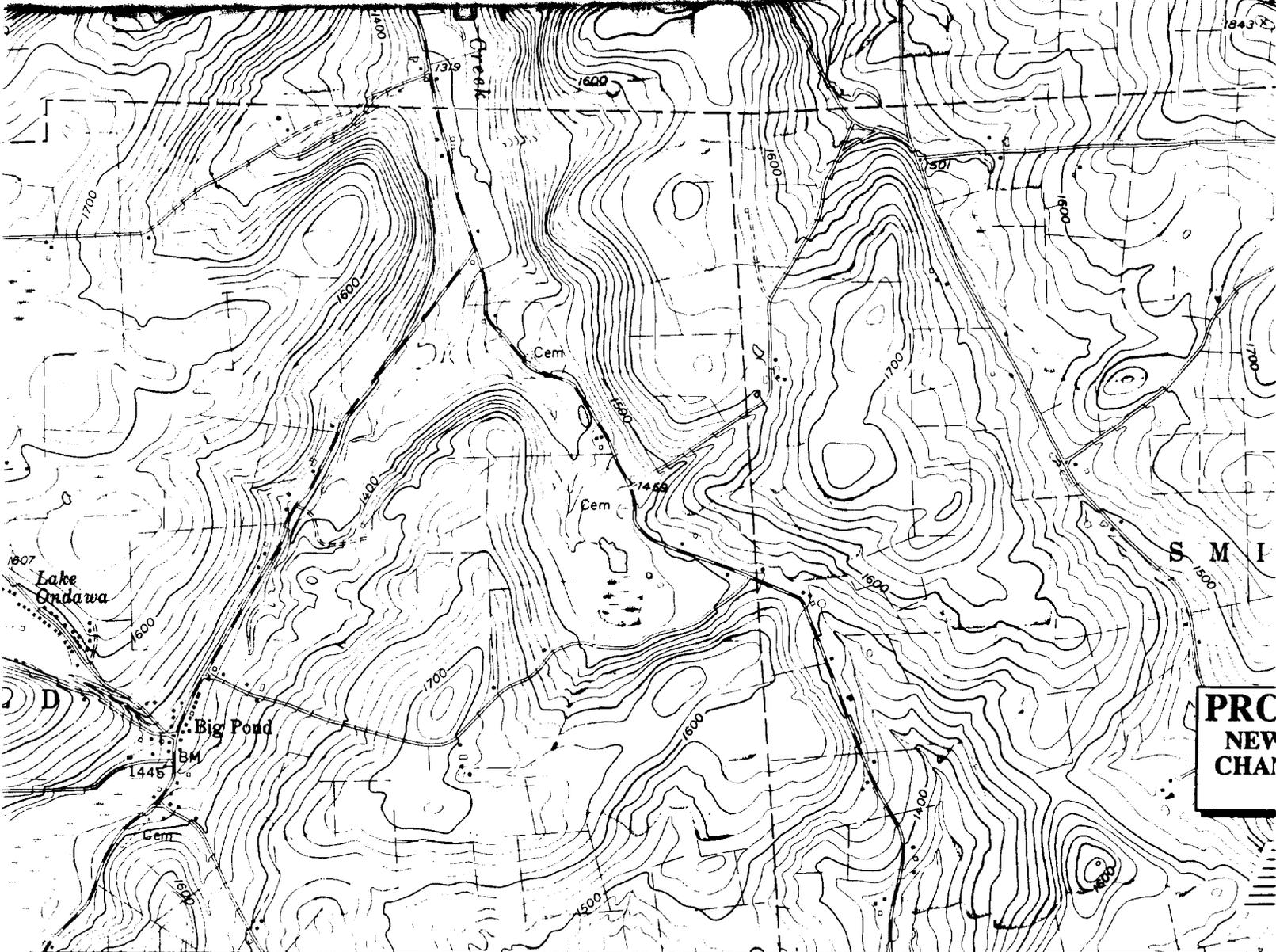
ROAD CLASSIFICATION
 Medium-duty ——— Light-duty - - - - -
 Unimproved dirt = = = = =



BENTLEY CREEK, PA.
 NW/4 SAYRE 15' QUADRANGLE
 N4152.5—W7637.5/7.5

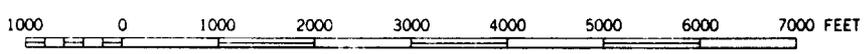
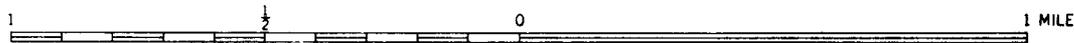
1957
 PHOTOREVISED 1969
 AMS 5667 1 NW—SERIES V831

(ULSTER)
 5667 1 SE

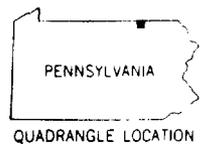


MI. 358 42'30" 359 (EAST TROY) 5667 1 SW AYERS CROSSROADS 1 MI. 40' 362 BURLINGTON (JUNC. U.S. 6) 8 MI.

SCALE 1:24000

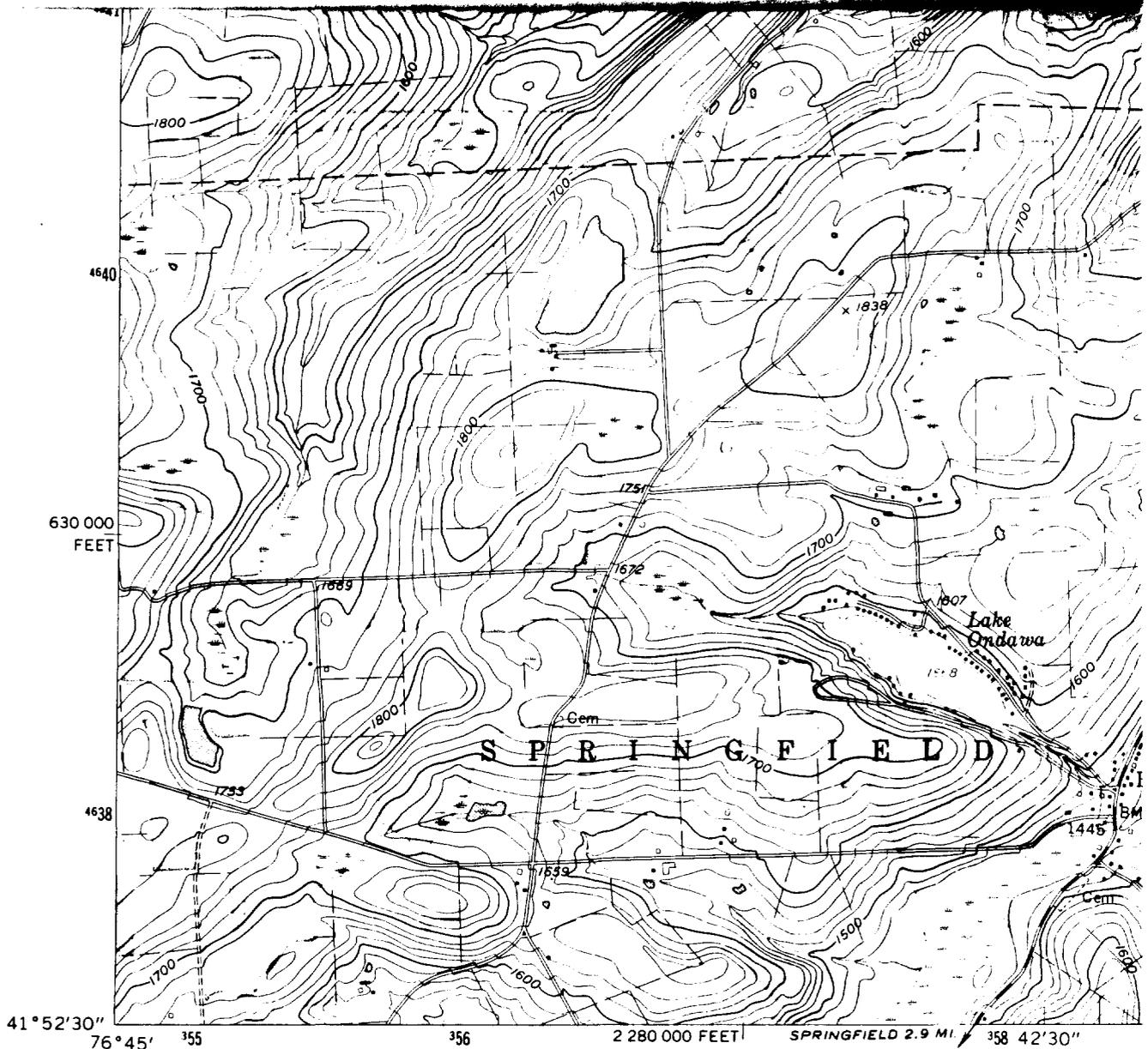


CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

C NORTH SHEET



(TROY)
5667 IV SE

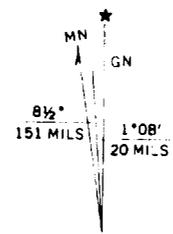
Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS

Topography from aerial photographs by Kelsh plotter
Aerial photographs taken 1952. Field check 1957

Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system,
north zone
1000-meter Universal Transverse Mercator grid ticks,
zone 18, shown in blue

Fine red dashed lines indicate selected fence and field lines
visible on aerial photographs. This information is unchecked

Revisions shown in purple compiled in cooperation with
State of Pennsylvania agencies from aerial photographs
taken 1969. This information not field checked



UTM GRID AND 1969 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

76° 30'

76° 15'

EXHIBIT 3

AREA = 1,895 SQUARE KILOMETERS
POPULATION = 131,869 PERSONS

45° T

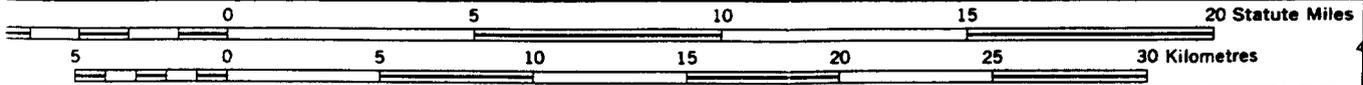
90° T

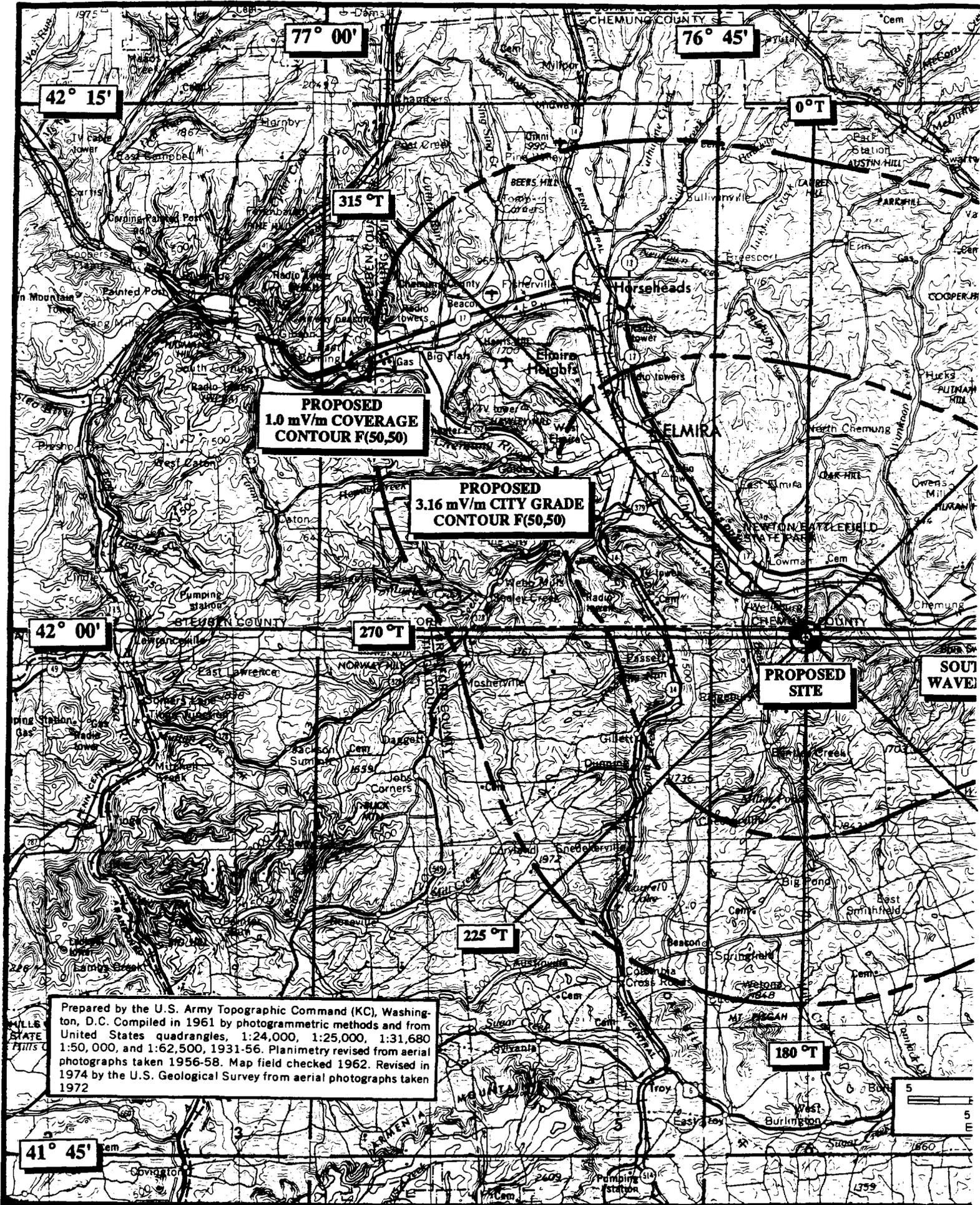
135° T

SOUTH WAVERLY

PROPOSED COVERAGE CONTOURS
NEW FM SOUTH WAVERLY, PENNSYLVANIA
CHANNEL: 241 A --- 0.94 kW ERP --- 180 M HAAT
JUNE, 1991

CARL T. JONES
CORPORATION





**PROPOSED
1.0 mV/m COVERAGE
CONTOUR F(50,50)**

**PROPOSED
3.16 mV/m CITY GRADE
CONTOUR F(50,50)**

**PROPOSED
SITE**

**SOUTH
WAVE**

Prepared by the U.S. Army Topographic Command (KC), Washington, D.C. Compiled in 1961 by photogrammetric methods and from United States quadrangles, 1:24,000, 1:25,000, 1:31,680 1:50,000, and 1:62,500, 1931-56. Planimetry revised from aerial photographs taken 1956-58. Map field checked 1962. Revised in 1974 by the U.S. Geological Survey from aerial photographs taken 1972

