FCC FORM 301

Technical questions pertaining to this statement and to *FCC Form 301, Section V-B*, have been answered in detail and are attached.

BLANKETING INTERFERENCE

Section 73.318 of the Commission's Rules and Regulations concerning FM blanketing interference has been reviewed. In the event verified complaints of "**blanketing**" are received, applicant will comply with the provisions of *Section 73.318 of the Rules* to resolve such complaints.

CONCLUSION

It is believed that the FM operation, proposed herein, conforms with the intent and requirements of the Commission's Rules and Technical Standards.

The foregoing was prepared on behalf of **Linda D. Beckwith** by, Laura M. Mizrahi of *Communications Technologies, Inc.*, Marlton, New Jersey, whose qualifications are a matter of record with the Federal Communications Commission. The statements herein are true and correct of her own knowledge, except such statements made on information and belief, and as to these statements she believes them to be true and correct.

By Laura M. Mizrahi

Laura M. Mizrahi
for Communications Technologies, Inc.
Marlton, New Jersey

SUBSCRIBED AND SWORN TO before me

this 5th day of February, 1991,

Kathleen A. Stevens, NOTARY PUBLIC

KATHLEEN A. STEVENS
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES MARCH 28, 1993

TABLE I

FM SYSTEM OPERATING SPECIFICATIONS
FOR LINDA D. BECKWITH
CHANNEL 240A 95.9 mHz
1.56 kW @ 194.6 METERS HAAT
HEALDSBURG, CALIFORNIA

FEBRUARY, 1991

CHANNEL:	95.9 mHz
ERP:	1.56 kW
HAAT:	194.6 METERS HAAT
TRANSMITTER SITE:	
NORTH LATITUDE:	38° 37' 08"
WEST LONGITUDE:	122° 58' 48"
ELEVATION:	390.1 meters (Above M.S.L.)
SUPPORTING STRUCTURE:	
TYPE:	GUYED STEEL TOWER

	ABOVE GRADE LEVEL	ABOVE M.S.L.
HEIGHT: (Without lighting)	24.4 meters	414.5 meters
FM ANTENNA: (center of radiation)	21.3 meters	411.4 meters

FM ANTENNA SYSTEM

ANTENNA:	SHIVELY 6810-2
NUMBER OF ELEMENTS:	2
RMS POWER GAIN (H & V):	1.0
ERP (H & V):	1.56 kW
BEAM TILT:	NOT APPLICABLE
NULL FILL:	NOT APPLICABLE
TRANSMISSION LINE:	CABLEWAVE HCC78-50J
DESCRIPTION:	AIR WELLFLEX
LENGTH:	100 FEET
dB LOSS FOR LENGTH:	.3712 dB
EFFICIENCY FOR LENGTH:	91.81%
TRANSMITTER POWER OUTPUT:	1.70 KILOWATTS
TRANSMISSION LINE LOSS:	0.14 KILOWATTS
ANTENNA INPUT POWER:	1.56 KILOWATTS

TABLE II

TABULATION OF TERRAIN AND COVERAGE DATA
FOR LINDA D. BECKWITH
CHANNEL 240A 95.9 mHz
1.56 kW @ 194.6 METERS HAAT
HEALDSBURG, CALIFORNIA

FEBRUARY, 1991

RADIAL BEARING	AVG. ELEV. OF RADIAL	RADIATION CENTER HAAT - meters	*DISTANCE TO CONTOURS kM 70 dBu	60 dBu	34 dBu
0	167.7	243.7	18.1	31.4	85.8
45	135.6	275.8	19.3	33.2	88.8
90	115.4	296.0	20.1	34.3	90.5
135	154.3	257.1	18.7	32.2	87.1
180	199.5	211.9	16.9	29.5	83.1
225	210.4	201.0	16.4	28.8	82.1
270	373.4	38.0	7.1	12.6	50.2
315	377.8	33.6	6.6	11.9	47.7
+ 95	124.4	287.0	19.7	33.8	89.8
Average	216.8 meters	194.6 meters			

60 dBu COVERAGE CONTOUR - AREA: 2,440.34 Square Kilometers

POPULATION: 145,791 Persons

Distance to contours established by means of a computer program which utilizes the FM field strength data found in *Figure 1 of FCC Section 73.333.*

* FOR AN ERP OF 1.93 dBk (1.56 kW)

+ RADIAL NOT INCLUDED IN AVERAGE

TABLE III

ALLOCATION STUDY - PROPOSED CHANNEL 240A
LINDA D. BECKWITH
HEALDSBURG, CALIFORNIA

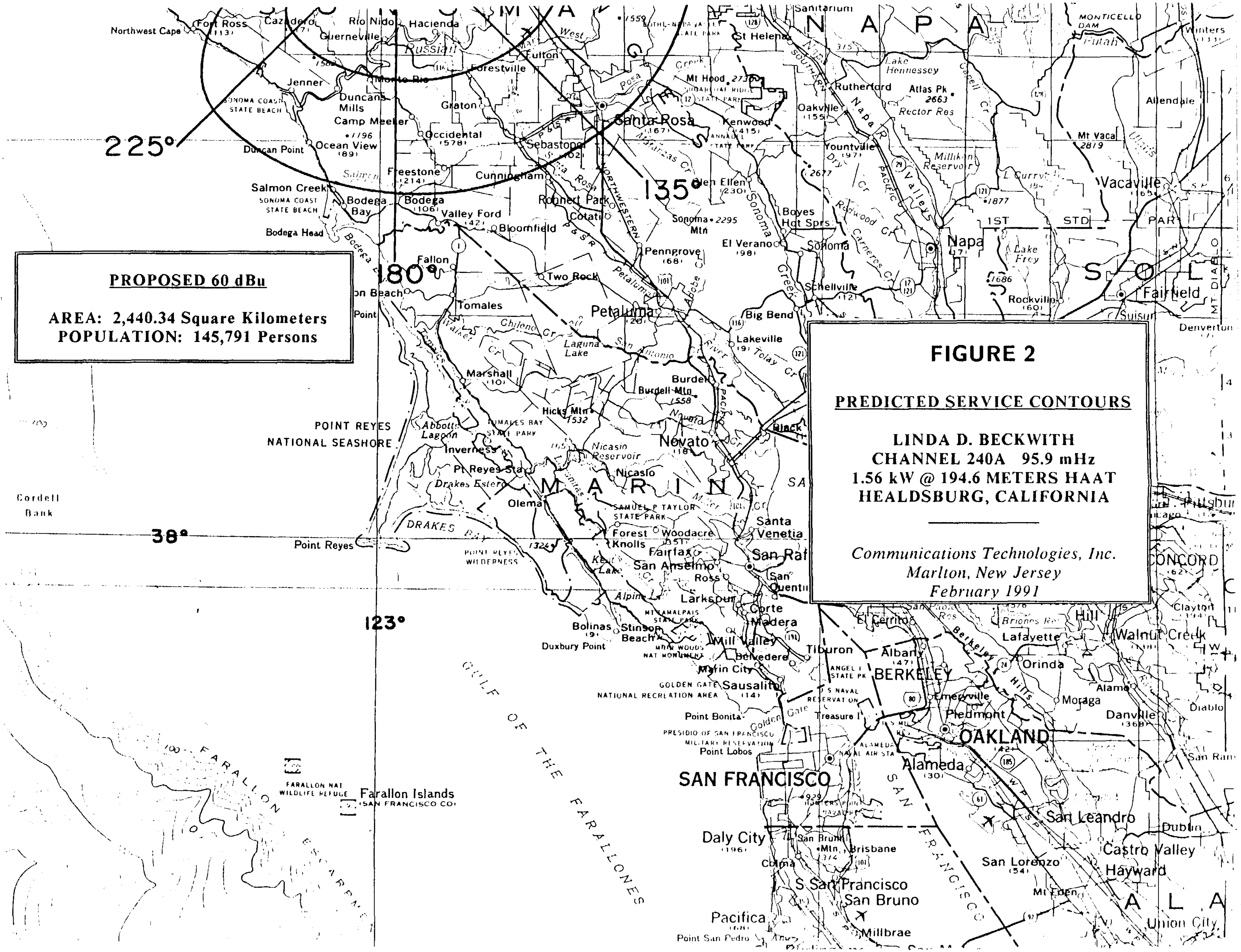
FEBRUARY 1991

Search of channel 240A+ (95.9 MHz), at N. 38 37 8, W. 122 58 48.

Searching Channel 240A+ (95.9 MHz):

CALL	CITY	ST	CHN	CL	S	DIST	SEPN	BRNG	CLEARANCE
ALC	Vacaville	CA	237	B1	V	89.6	48.0	101.5°	41.6
KOZT	Fort Bragg	CA	237	A	L	109.1	31.0	323.2°	78.1
KUIC	Vacaville	CA	237	A	L	90.9	31.0	110.1°	59.9
KUIC	Vacaville	CA	237	A	C	92.7	31.0	112.5°	61.7
ALC	Fort Bragg	CA	237	A	U	109.1	31.0	323.2°	78.1
ALC	Middletown	CA	238	A	A	35.1	31.0	64.8°	4.1
ALC	Red Bluff	CA	239	B	U	146.6	113.0	10.5°	33.6
ALC	San Francisco	CA	239	B	U	113.6	113.0	155.2°	0.6
KALF	Red Bluff	CA	239	B	L	146.6	113.0	10.5°	33.6
KKHIFM	San Francisco	CA	239	B	L	113.6	113.0	155.2°	0.6
ALC	Healdsburg	CA	240	A	V	4.1	115.0	73.1°	-110.9
KYMX	Sacramento	CA	241	B	L	124.2	113.0	89.1°	11.2
ALC	Sacramento	CA	241	B	U	124.2	113.0	89.1°	11.2
KOITFM	San Francisco	CA	243	B	L	106.4	69.0	154.2°	37.4
ALC	San Francisco	CA	243	B	U	106.4	69.0	154.2°	37.4

All distance computations performed in accordance with Section 73.208 from proposed site location.



PROPOSED 60 dBu

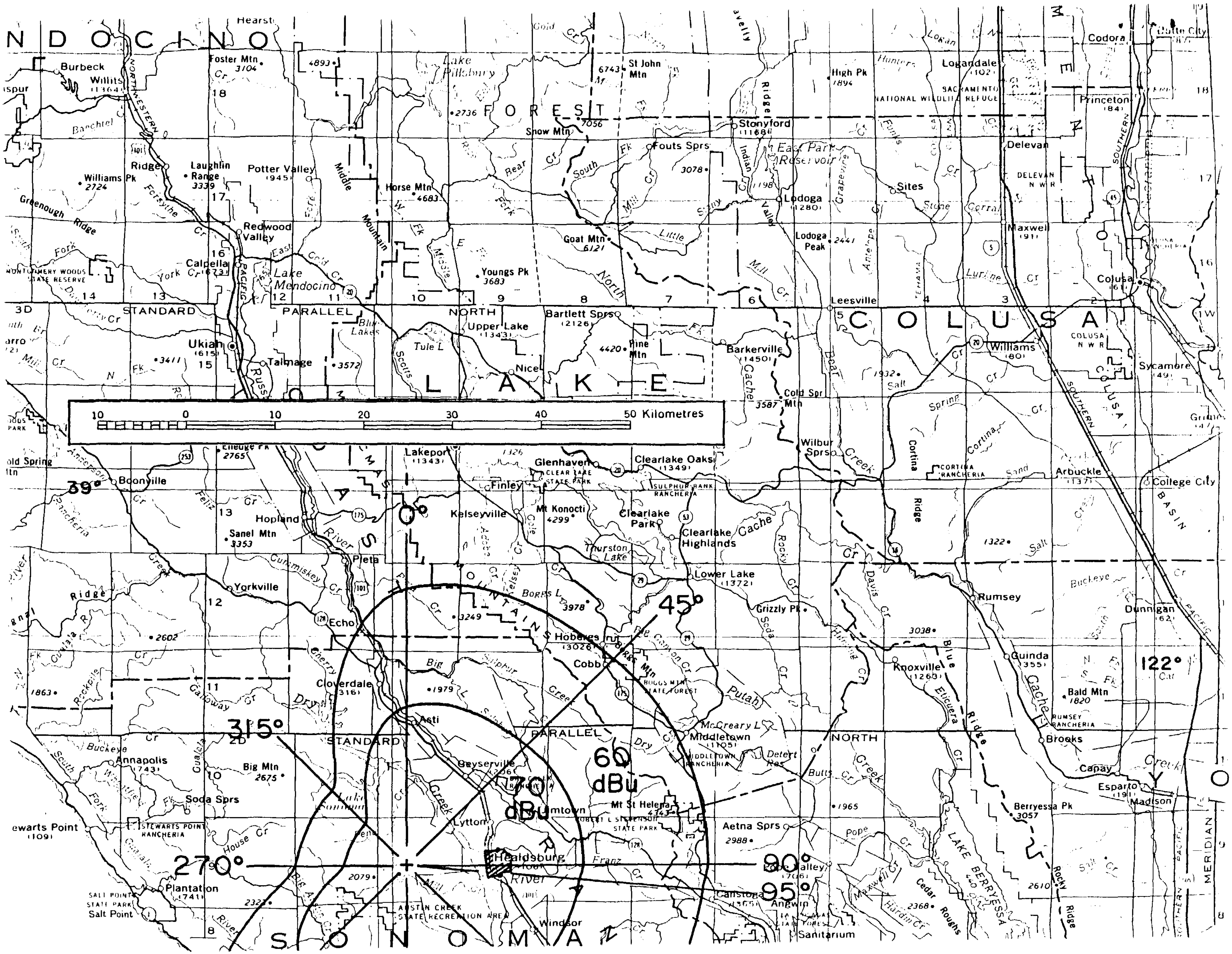
AREA: 2,440.34 Square Kilometers
POPULATION: 145,791 Persons

FIGURE 2

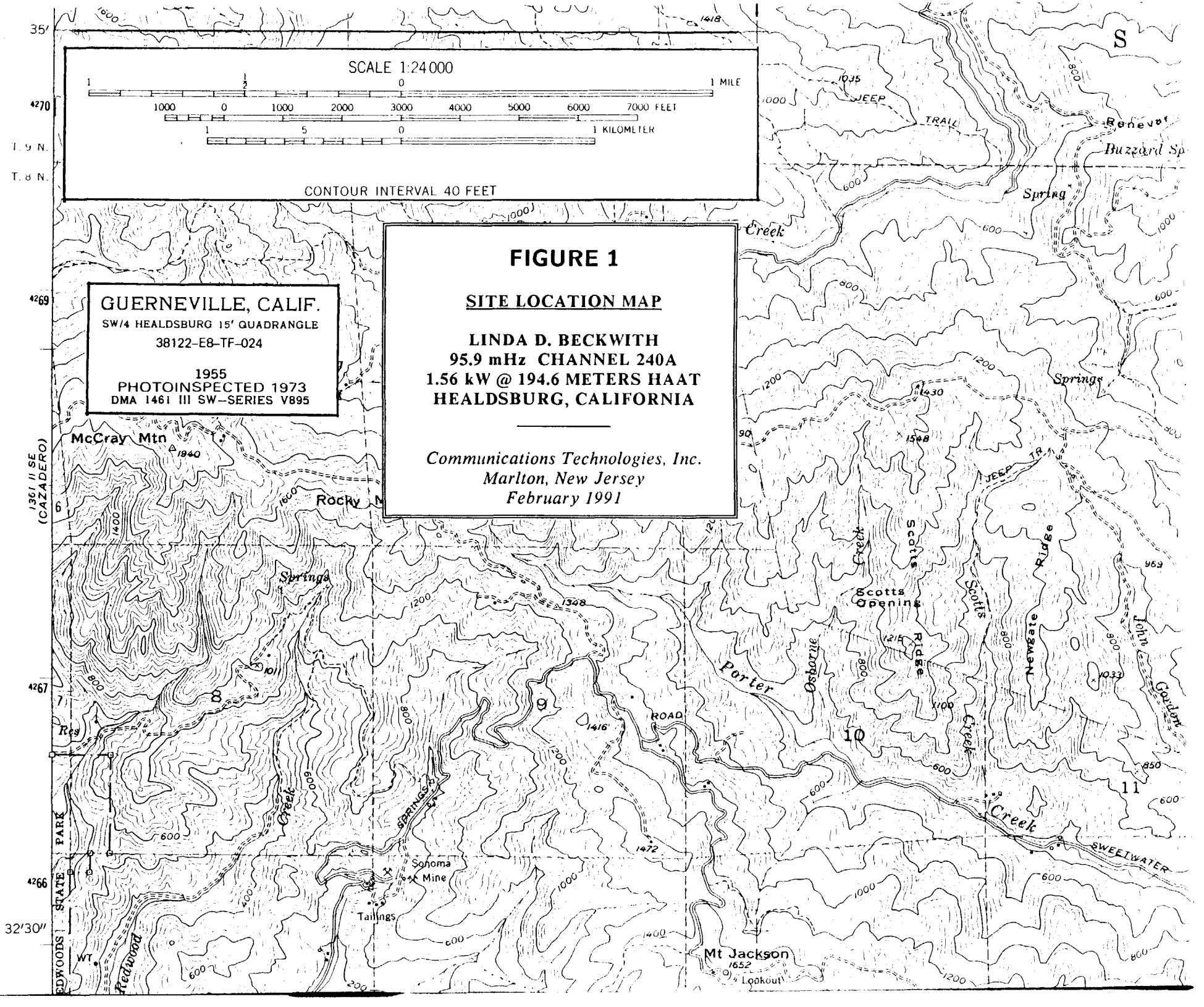
PREDICTED SERVICE CONTOURS

LINDA D. BECKWITH
CHANNEL 240A 95.9 mHz
1.56 kW @ 194.6 METERS HAAT
HEALDSBURG, CALIFORNIA

Communications Technologies, Inc.
Marlton, New Jersey
February 1991

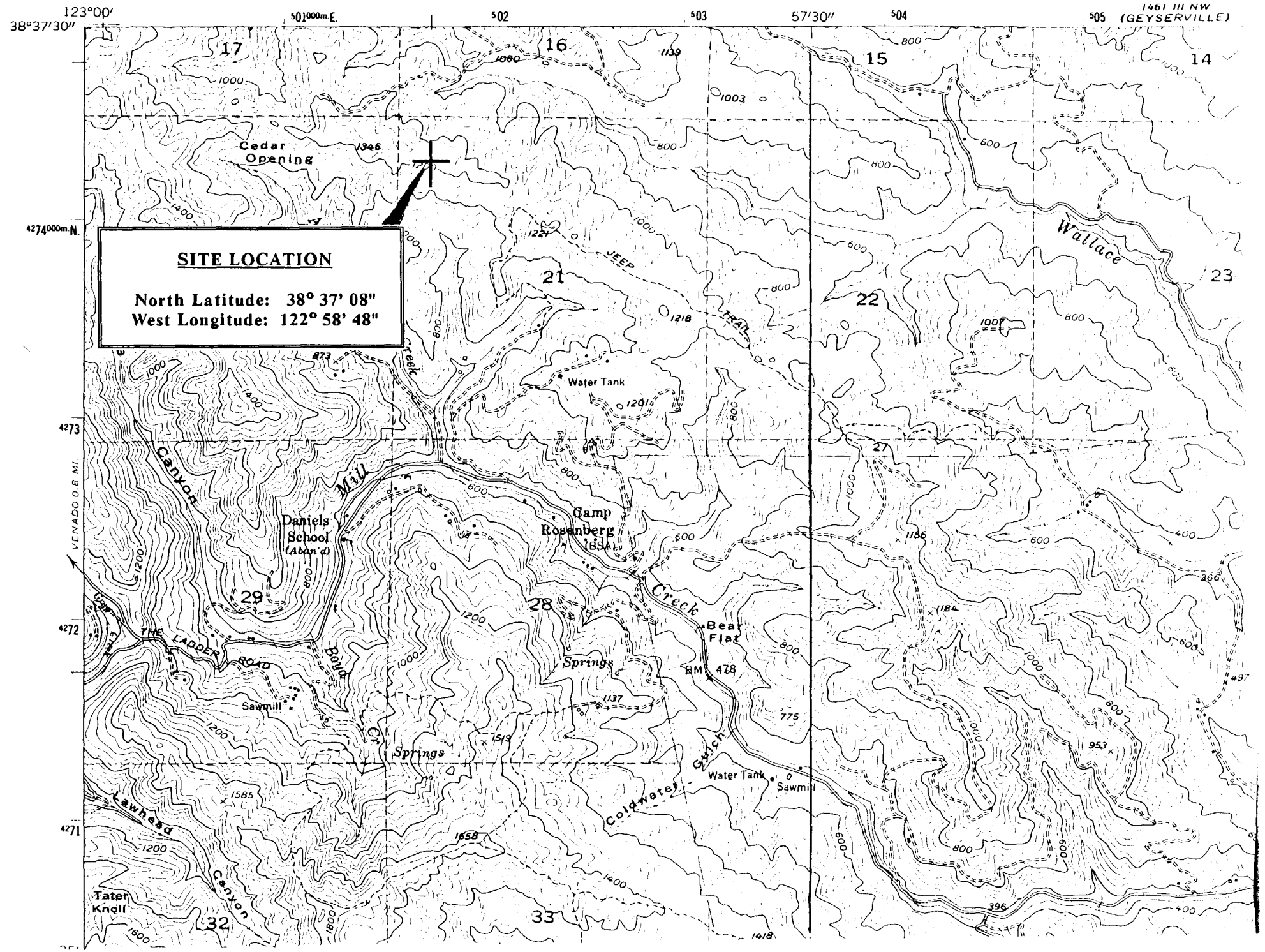


NDOCINO
Hearst
Burbeck
Willits (1364)
NORTHWESTERN
Foster Mtn 3104
Lake Pillsbury
St John Mtn 6743
High Pk 1894
Logandale (102)
Codora
Butte City
SACRAMENTO NATIONAL WILDLIFE REFUGE
Princeton (84)
FOREST
Snow Mtn 7056
Stonyford (1168)
Delevan
East Park Reservoir
Fouts Sprs
Ridge
Laughlin Range 3339
Potter Valley (945)
Williams Pk 2724
Horse Mtn 4683
Sites
DELEVAN N W R
Lodoga (1280)
Greenough Ridge
Redwood Valley
Goat Mtn 6121
Lodoga Peak 2441
Maxwell (91)
Calpella (673)
Lake Mendocino
Youngs Pk 3683
MONTGOMERY WOODS STATE RESERVE
Colusa (61)
Leesville
STANDARD PARALLEL NORTH
Bartlett Sprs (2126)
Upper Lake (1343)
COLUSA
Ukiah (615)
Talmage
Tule L
Pine Mtn 4420
Barkerville (1450)
Williams (80)
COLUSA N W R
Sycamore (49)
Nice
LAKE
Cold Spr Mtn 3587
10 0 10 20 30 40 50 Kilometres
Lakeport (1343)
Glenhaven
Clearlake Oaks (1349)
Wilbur Sprs
Cortina
CORTINA RANCHERIA
Arbuckle (137)
College City
Boonville
Finley
CLEAR LAKE STATE PARK
SULPHUR BANK RANCHERIA
39°
Kelseyville
Mt Konocti 4299
Clearlake Park
Clearlake Highlands
Hopland
Sanel Mtn 3353
Thurston Lake
Pieta
Lower Lake (1372)
Yorkville
Rumsey
Dunnigan (62)
Echo
MOUNTAINS
Grizzly Pk
45°
Hoberges (3026)
Cobb
BOGGS MTN STATE FOREST
Knoxville (1263)
Guinda (355)
122°
Cloverdale (316)
Putah
Bald Mtn 1820
RUMSEY RANCHERIA
315°
Asti
Middletown (1105)
MIDDLETOWN RANCHERIA
Brooks
Annapolis (743)
Big Mtn 2675
Geyserville
60 dBu
70 dBu
Capay
Esparto (191)
Madison
Soda Sprs
Mt St Helena 4343
ROBERT L STEVENSON STATE PARK
Berryessa Pk 3057
Stewarts Point (109)
STEWARTS POINT RANCHERIA
Lytton
Aetna Sprs
LAKE BERRYESSA
270°
Healdsburg
90°
Pope Valley (706)
Plantation (741)
95°
Calistoga (365)
Angwin
SALT POINT STATE PARK
Salt Point
AUSTIN CREEK STATE RECREATION AREA
Windsor
Sanitarium
SONOMA
MERIDIAN


SCALE 1:24 000
1 MILE
7000 FEET
1 KILOMETER
CONTOUR INTERVAL 40 FEET
GUERNEVILLE, CALIF.
SW/4 HEALDSBURG 15' QUADRANGLE
38122-E8-TF-024
1955
PHOTOINSPECTED 1973
DMA 1461 III SW-SERIES V895
FIGURE 1
SITE LOCATION MAP
LINDA D. BECKWITH
95.9 mHz CHANNEL 240A
1.56 kW @ 194.6 METERS HAAT
HEALDSBURG, CALIFORNIA
Communications Technologies, Inc.
Marlton, New Jersey
February 1991
McCray Mtn
Rocky
Springs
Porter
Osborne
Scotts Opening
Scotts Ridge
Newgate Ridge
John Gordon
Creek
Sweetwater
Sonoma Mine
Tailings
Mt Jackson
Lookout
Redwood
Buzzard Sp
Spring
Springs
JEEP TRAIL
ROAD
STATE PARK
1361 II SE (CAZADERO)
T. 9 N.
T. 8 N.
35'
32'30"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF CALIFO
DEPARTMENT OF WATER



NORTH LATITUDE: 38° 37' 08"
WEST LONGITUDE: 122° 58' 48"

NOTE: NOT TO SCALE

Painting & Light
Not Required

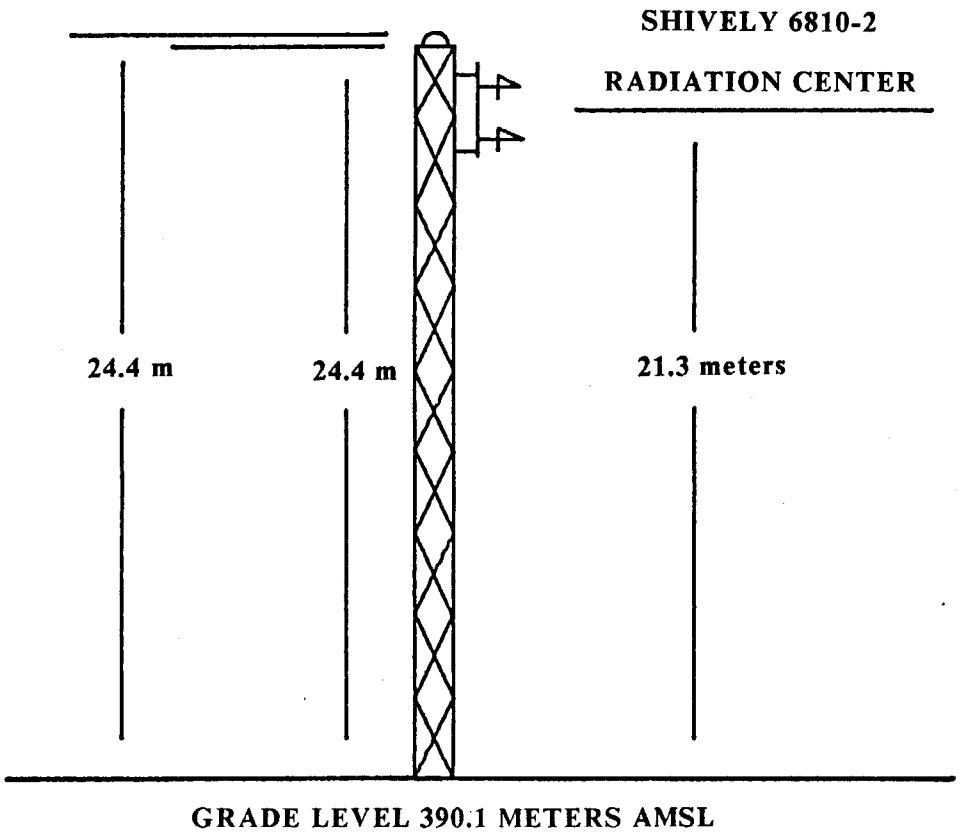


FIGURE 3

VERTICAL PLAN SKETCH

LINDA D. BECKWITH
CHANNEL 240A 95.9 mHz
1.56 kW @ 194.6 METERS HAAT
HEALDSBURG, CALIFORNIA

Communications Technologies, Inc.
Marlton, New Jersey
February 1991

TR

C G BECKWITH JR
801 LAUREL OAK DRIVE
SUITE 600
NAPLES, FL 33963

128

February 7, 19 91

80-568
1012

PAY TO THE ORDER OF Federal Communications Commission $ 2,030.00

Two thousand thirty dollars and 00/100----------DOLLARS

NOT VALID FOR LESS THAN $500.00

JW Charles Securities, Inc.
Payable Through:
United Missouri Bank Warsaw Missouri

FOR

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INTERCHECKS