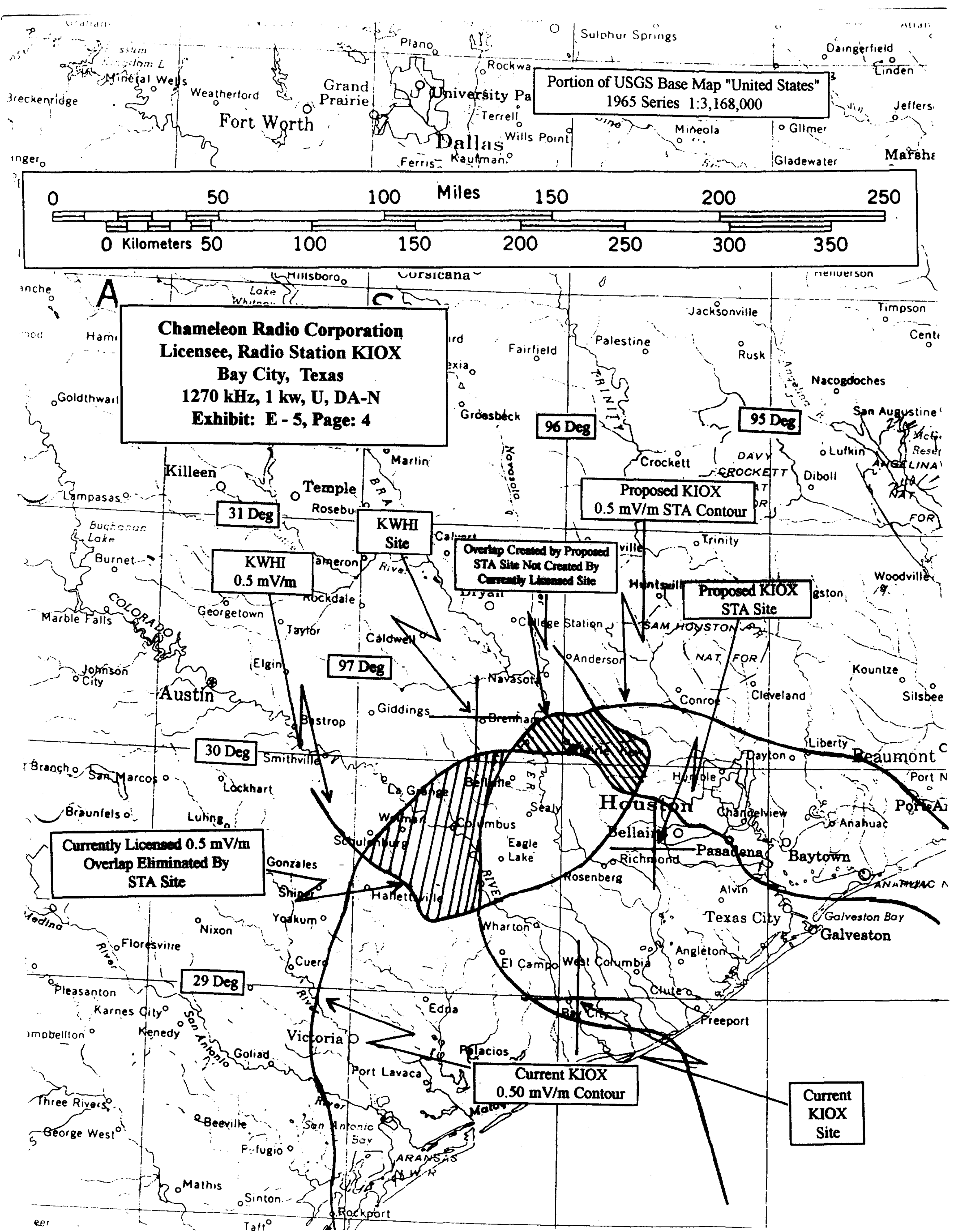

Portion of USGS Base Map "United States"
1965 Series 1:3,168,000
Miles
0 50 100 150 200 250
0 Kilometers 50 100 150 200 250 300 350
Chameleon Radio Corporation
Licensee, Radio Station KIOX
Bay City, Texas
1270 kHz, 1 kw, U, DA-N
Exhibit: E - 5, Page: 4
96 Deg
95 Deg
31 Deg
97 Deg
30 Deg
29 Deg
KWHI
Site
KWHI
0.5 mV/m
Overlap Created by Proposed
STA Site Not Created By
Currently Licensed Site
Proposed KIOX
0.5 mV/m STA Contour
Proposed KIOX
STA Site
Currently Licensed 0.5 mV/m
Overlap Eliminated By
STA Site
Current KIOX
0.50 mV/m Contour
Current
KIOX
Site
Sulphur Springs
Plano
Daingerfield
Linden
Rockwall
Mineral Wells
Weatherford
Grand
Prairie
Breckenridge
Fort Worth
Terrell
Dallas
Wills Point
Mineola
Gilmer
Ferris
Kaufman
Gladewater
Hillsboro
Corsicana
Henderson
Jacksonville
Timpson
Palestine
Rusk
Fairfield
Nacogdoches
Goldthwait
Groesbeck
San Augustine
Marlin
Lufkin
Killeen
Crockett
Diboll
Temple
Lampasas
Rosebud
Trinity
Burnet
Woodville
Rockdale
Georgetown
Marble Falls
Taylor
Caldwell
College Station
Anderson
Johnson City
Elgin
Austin
Navasota
Kountze
Conroe
Cleveland
Silsbee
Giddings
Bastrop
Brenham
Liberty
Smithville
Dayton
Beaumont
San Marcos
Lockhart
La Grange
Bellville
Humble
Braunfels
Luling
Weimar
Columbus
Sealy
Houston
Chandelview
Anahuac
Schulenburg
Bellaire
Eagle Lake
Pasadena
Baytown
Gonzales
Richmond
Shiner
Hallettsville
Rosenberg
Alvin
Yoakum
Texas City
Nixon
Wharton
Galveston Bay
Galveston
Floresville
Angleton
Cuero
El Campo
West Columbia
Pleasanton
Clute
Karnes City
Edna
Bay City
Freeport
Kenedy
Victoria
Goliad
Palacios
Port Lavaca
Three Rivers
Beeville
George West
Refugio
Mathis
Sinton
Rockport
Taft

DO NOT REMOVE CARBONS — *Please Type or Print on This Form* — Form Approved OMB NO. 2120-0001

US Department of Transportation
Federal Aviation Administration

Notice of Proposed Construction or Alteration

Aeronautical Study Number

1. Nature of Proposal

A. Type: [X] New Construction [ ] Alteration *

B. Class: [X] Permanent [ ] Temporary (Duration _____ months)

C. Work Schedule Dates: Beginning Pending End FCC Approval

* If Alteration, provide previous FAA Aeronautical Study Number, if available :

3A. Name, address, and telephone number of individual, company corporation, etc. proposing the construction or alteration. (Number, Street, City, State, and Zip Code)

Don Werlinger, President
Chameleon Radio Corporation
10865 Rockley Road
Houston, Texas 77099

( ) Area Code — Telephone Number

3B. Name, address and telephone number of proponent's representative, if different than 3A. above.

Same As Above

(713) Area Code — 564-1070 Telephone Number — Fax: 713-564-8653

2. Complete Description of Structure

Please describe, on a separate sheet of paper if necessary, the proposed construction or alteration.

A. For proposals involving transmitting stations, include effective radiated power (ERP) and assigned frequency of all proposed or modified transmitters on the structure. (If not known, give frequency band and maximum ERP).

B. For proposals involving overhead wire, transmission lines, etc., include the size and the configuration of the wires and their supporting structures.

C. For all proposals, include site orientation, dimensions, and construction materials of the proposed or altered structure.

D. **Optional**— Describe the type of obstruction marking and lighting system desired for your structure. The FAA will recommend appropriate marking and lighting for the structure in accordance with the standards of Advisory Circular AC 70/7460-1. An FAA marking and lighting recommendation will reflect the minimum acceptable level of conspicuity necessary to warn pilots of the presence of an object. However, the FAA, under certain circumstances, will not object to the use of a system (such as a medium intensity flashing white light system or a dual lighting system) other than the recommended standard.

4. Location Of Structure

A. Coordinates (to hundredths of seconds, if known)

Latitude 0 29 ' 38 " 10

Longitude 0 95 ' 32 " 22

B. Nearest City or Town and State: Stafford, Tx

(1). Distance to 4B: 500 feet

(2). Direction to 4B: 270° True

C. Nearest public or military airport, heliport, flightpark, or seaplane base: Andreau, Houston

(1). Distance from structure to nearest point of nearest runway: 9.6 mi (15.45 km)

(2). Direction from structure to airport: 351° True

4D. Source of coordinate information for item 4A. above.

[X] USGS 7.5' Quad Chart [ ] Survey [ ] Other Specify

Indicate the reference datum of the coordinates, if known.

[X] NAD 27 [ ] NAD 83 [ ] Other Specify

4E. Describe, on a separate sheet of paper, the location of the site with respect to highways, streets, airports, prominent terrain features, existing structures, etc. Attach a copy of a U.S. Geological Survey quadrangle map 7.5 minute series (or equivalent) showing the construction site. If available, attach a copy of a documented site survey with the surveyor's certification.

5. Height and Elevation (to nearest foot)

A. Elevation of site above mean sea level.	75
B. Height of structure including all appurtenances and lighting above ground or water.	180
C. Overall height above mean sea level (A + B)	255

FAILURE TO PROVIDE ALL REQUESTED INFORMATION MAY DELAY PROCESSING OF YOUR NOTICE

Notice is required by Part 77 of the Federal Aviation Regulations (14 C.F.R. Part 77) pursuant to Section 1101 of the Federal Aviation Act of 1958, as amended (49 U.S.C. app. § 1501). Persons who knowingly and willfully violate the Notice requirements of Part 77 are subject to a civil penalty of $1,000 per day until the notice is received, pursuant to Section 901(a) of the Federal Aviation Act of 1958, as amended (49 U.S.C. app § 1471(a)) as well as the fine (criminal penalty) of not more than $500 for the first offense and not more than $2,000 for subsequent offenses, pursuant to Section 902(a) of the Federal Aviation Act of 1958, as amended (49 U.S.C. app § 1472(a)).

I HEREBY CERTIFY that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to obstruction mark and/or light the structure in accordance with established marking & lighting standards as necessary.

Date	Typed or Printed Name and Title of Person Filing Notice	Signature
3-28-95	Don Werlinger	Don Werlinger

FOR FAA USE ONLY — *FAA will either return this form or issue a separate acknowledgement.*

Chameleon Radio Corporation
Licensee, Radio Station KIOX
Bay City, Texas
1270 kHz, 1 kw, U, DA-N
Exhibit: E - 6, Page: 1

Advisory Circular 70/7460-1, Chapters _____

[ ] Obstruction marking and lighting are not necessary.

Supplemental Notice of Construction, FAA Form 7460-2, is required any time the project is abandoned, or

[ ] At least 48 hours before the start of construction.

[ ] Within five days after the construction reaches its greatest height.

This determination expires on _____ unless:

(a) extended, revised or terminated by the issuing office;

(b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit is made to the FCC on or before the above expiration date. In such cases the determination expires on the date prescribed by the FCC for completion of construction, or on the date the FCC denies the application.

NOTE: Request for extension of the effective period of this determination must be postmarked or delivered to the issuing office at least 15 days prior to the expiration date.

If the structure is subject to the licensing authority of the FCC, a copy of this determination will be sent to that agency.

Remarks

NAD 83 Coordinates (Use these coordinates for any future correspondence with the FAA) — **Latitude** ° ' " — **Longitude** ° ' "

Issued in	Signature	Date

Approved by OMB
3060-0440
Expires 2/28/96

FEDERAL COMMUNICATIONS COMMISSION

FEE PROCESSING FORM

FOR FCC USE ONLY

MM 96-173
FCC/MELLON APR 25 1995
FCC/MELLON MAY 03 1995

Please read instructions on back of this form before completing it. Section I MUST be completed. If you are applying for concurrent actions which require you to list more than one Fee Type Code, you must also complete Section II. This form must accompany all payments. Only one Fee Processing Form may be submitted per application or filing. Please type or print legibly. All required blocks must be completed or application/filing will be returned without action.

AUDIO SERVICES DIVISION MAY

SECTION I

APPLICANT NAME (Last, first, middle initial)
Chameleon Radio Corporation

MAILING ADDRESS (Line 1) (Maximum 35 characters - refer to Instruction (2) on reverse of form)

MAILING ADDRESS (Line 2) (if required) (Maximum 35 characters)
10865 Rockley Road

CITY
Houston

STATE OR COUNTRY (if foreign address)	ZIP CODE	CALL SIGN	OTHER FCC IDENTIFIER
Texas	77099	KIOX-AM	

Enter in Column (A) the correct Fee Type Code for the service you are applying for. Fee Type Codes may be found in FCC Fee Filing Guides. Enter in Column (B) the Fee Multiple, if applicable. Enter in Column (C) the result obtained from multiplying the value of the Fee Type Code in Column (A) by the number entered in Column (B), if any.

	(A) FEE TYPE CODE	(B) FEE MULTIPLE (if required)	(C) FEE DUE FOR FEE TYPE CODE IN COLUMN (A)	FOR FCC USE ONLY
(1)	M G R		$ 115.00	

SECTION II — To be used only when you are requesting concurrent actions which result in a requirement to list more than one Fee Type Code.

	(A) FEE TYPE CODE	(B) FEE MULTIPLE (if required)	(C) FEE DUE FOR FEE TYPE CODE IN COLUMN (A)	FOR FCC USE ONLY
(2)			$	
(3)			$	
(4)			$	
(5)			$	

ADD ALL AMOUNTS SHOWN IN COLUMN C, LINES (1) THROUGH (5), AND ENTER THE TOTAL HERE. THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED REMITTANCE. →

TOTAL AMOUNT REMITTED WITH THIS APPLICATION OR FILING	FOR FCC USE ONLY
$ 115.00	115.00

This form has been authorized for reproduction.

FCC Form 155
January 1994

Chameleon Radio Corporation
10865 Rockley Road
Houston, Texas 77099
(713) 564-1070 fax: (713) 564-8653

April 21,1995

Office of the Secretary
Federal Communications Commission
P.O. Box 358165
Pittsburgh, PA 15251 - 5165

Re: Request for Special Temporary Authorization for KIOX AM at Bay City, Texas

Dear Sir/Madam:

Transmitted herewith please find an original and two copies of a request for Special Temporary Authorization (STA) to relocate the transmitter site of AM station KIOX (call sign change to KFCC applied for) at Bay City, Texas.

FCC form 155 along with the required filing fee of $115.00 are also enclosed.

If there are any questions regarding this requestion, please direct them to the address and telephone numbers above.

Respectfully,

Don Werlinger
President

cc: KIOX public inspection file

Before the Federal Communications Commission

Washington, D.C. 20554

Request To Relocate Transmitter Site of KIOX AM
At Bay City, Texas Under Special Temporary Authority

Engineering Statement

KIOX AM (1270 kHz, 1 kw, U, DA-N) currently operates from a licensed site near Bay City, Texas (N 29 - 38 - 10, W 95 - 32 - 22). Due to the loss of its currently licensed site, Chameleon Radio Corporation ("Chameleon") licensee of KIOX (Note: New Call Sign - KFCC applied for as of April 21,1995), respectfully requests authority to operate from an alternate site utilizing Special Temporary Authorization (STA).

Proposed STA Site

KIOX proposes to utilize a site located 0.28 km (0.175 miles) east, southeast of intersection of Riceville Road and Cravens Road in rural southwest Harris County on a bearing of 100%True from that intersection. The geographic co-ordinates of the proposed site are: N 29 - 38 - 10, W 95 - 32 - 22. The site is outside the corporate limits of any city. (See Exhibit: E - 1)

Proposed Antenna System

KIOX proposes to utilize a 54.86 meter (180 ft.) tower (representing 83.65%in electrical height) supporting a folded unipole antenna system. The folded unipole will be bonded to the support tower at the 50 ohm point. Applicant proposes to utilize a copper wire mesh ground screen around the base of the support tower to a distance of 7.31 meters (24 feet). Bonded to the mesh screen will be 120 radials comprised of #12 soft drawn copper wire extending to a distance of 59.13 meters (194 feet), except radials will be truncated where they intersect property line. No radial shall be shorter than 45.72 meters (150 feet) in length (including mesh). (See Exhibits: E - 2, Page 1, and E - 2, Page 2)

Allocation

As herein proposed, KIOX seeks authority to operate with 1,000 watts non-directional daytime and 250 watts non-directional from the proposed STA site. The proposed STA operation will produce no prohibited overlap with the exception of overlap to KWHI (1280 kHz, 1 kw, ND-D) at Brenham, Texas.

With regard to overlap both produced and received from KWHI, field strength readings on the currently licensed non-directional operation of KIOX are submitted along radials bearing 10, 30, 310, 330, and 350 degrees true. Accurately plotted, the resulting contours show a wide area of overlap between the currently licensed KIOX site and KWHI. Utilizing Figure M-3 to determine contours, there will be .5 mV/m overlap between KIOX and KWHI from the proposed STA site; however, the overlap created from the proposed STA site will reduce overlap to KWHI by more than 35% as compared to the overlap produced by the currently licensed KIOX site. (See Exhibit: E-5, Pages: 1 thru 4)

Readings To Be Taken

Chameleon intends to make the proposed STA site its permanent transmitter location. An application seeking to make the proposed STA site the permanently licensed site is currently being prepared; however, field strength readings from the proposed STA site are necessary to complete that form 301 application; therefore, the application cannot be presented prior to grant of the instant STA request. Once the STA operation is on the air, Chameleon will immediately commence necessary field strength readings along pertinent radials and the formal form 301 request to make the STA site the station's permanent transmitter location.

FAA Authority

Although the proposed 180 foot tower is below minimums necessary to seek FAA authority to construct, Chameleon has presented an FAA form 7460-1 to the FAA Southwest Regional office in Ft. Worth, Texas on April 20,1995. FAA approval of the form is expected prior to May 1,1995. (See Exhibit: E - 6).

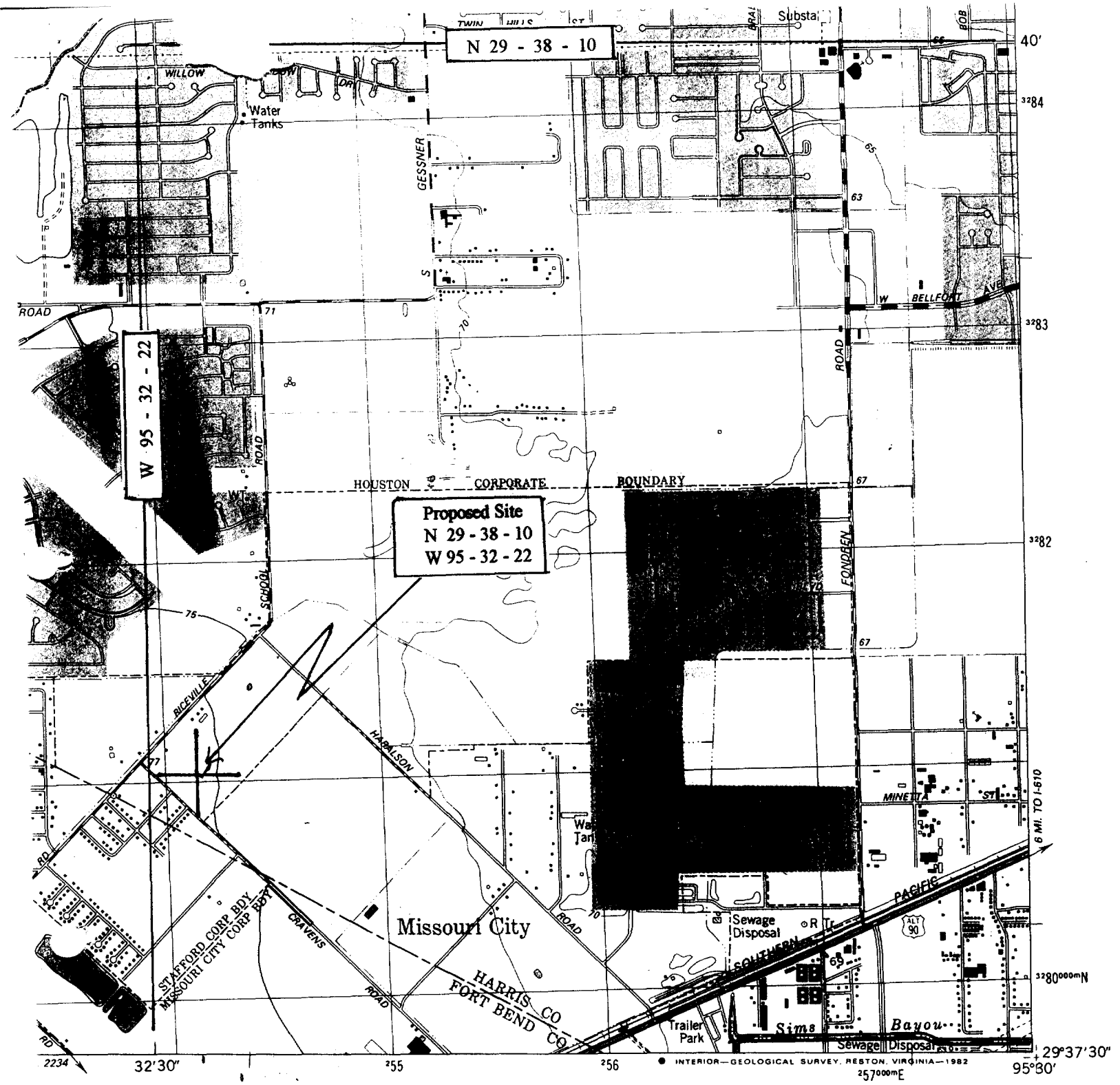
If any questions occur regarding the instant request, please contact:

Don Werlinger, President
Chameleon Radio Corporation
10865 Rockley Road
Houston, Texas 77099

(713) 564 - 1070
(713) 564 - 8653 (Fax)

Respectfully Submitted,

Don Werlinger, President
Chameleon Radio Corporation



ROAD CLASSIFICATION

Primary highway, hard surface

Light-duty road, hard or improved surface

Secondary highway, hard surface

Unimproved road

Interstate Route

U. S. Route

State Route

(ALMEDA) 6943 III SW

Chameleon Radio Corporation
Licensee, Radio Station KIOX
Bay City, Texas
1270 kHz, 1 kw, U, DA-N
Exhibit: E - 1, Page: 1

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

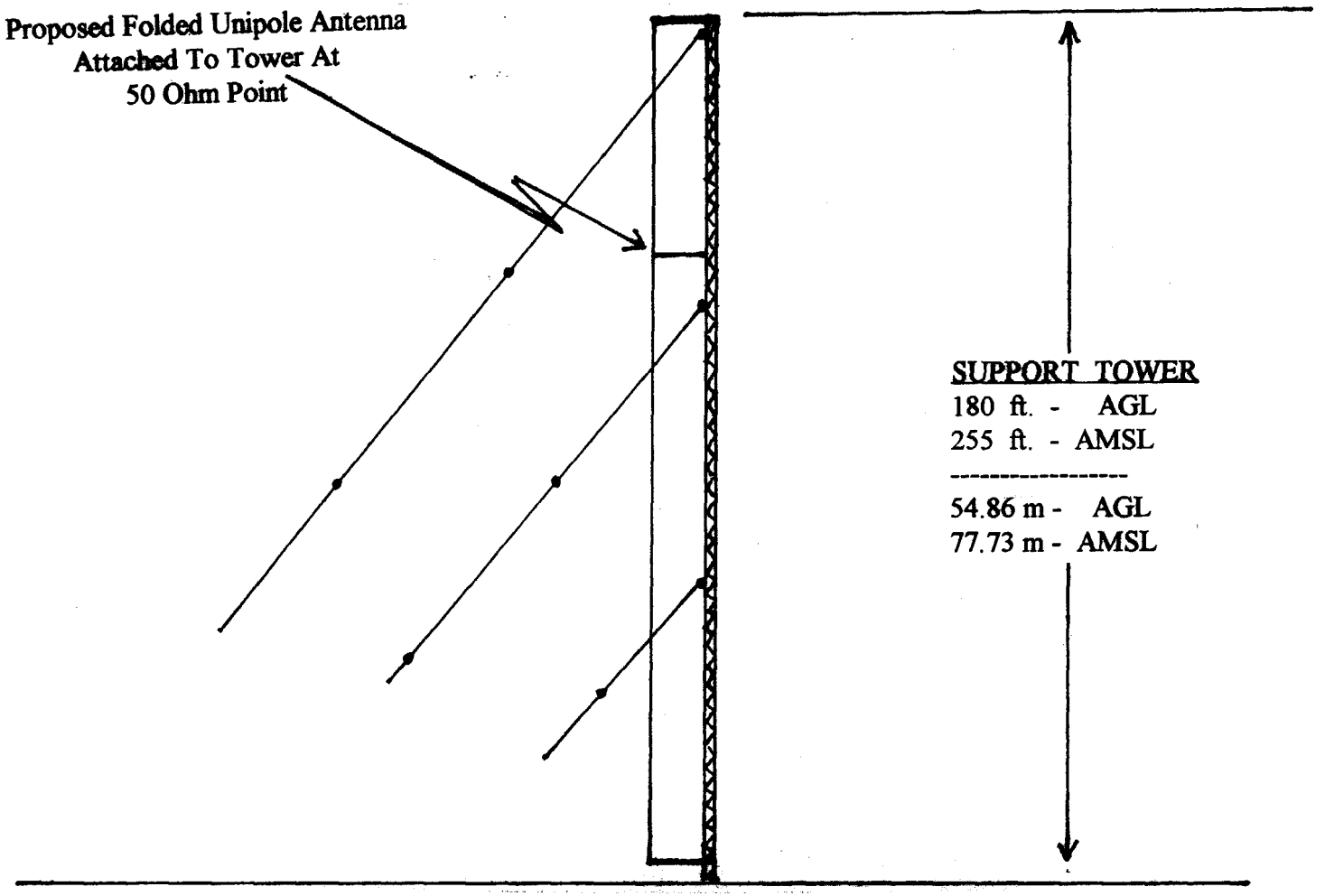
CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

ALIEF, TEX.
N2937.5—W9530/7.5

1982

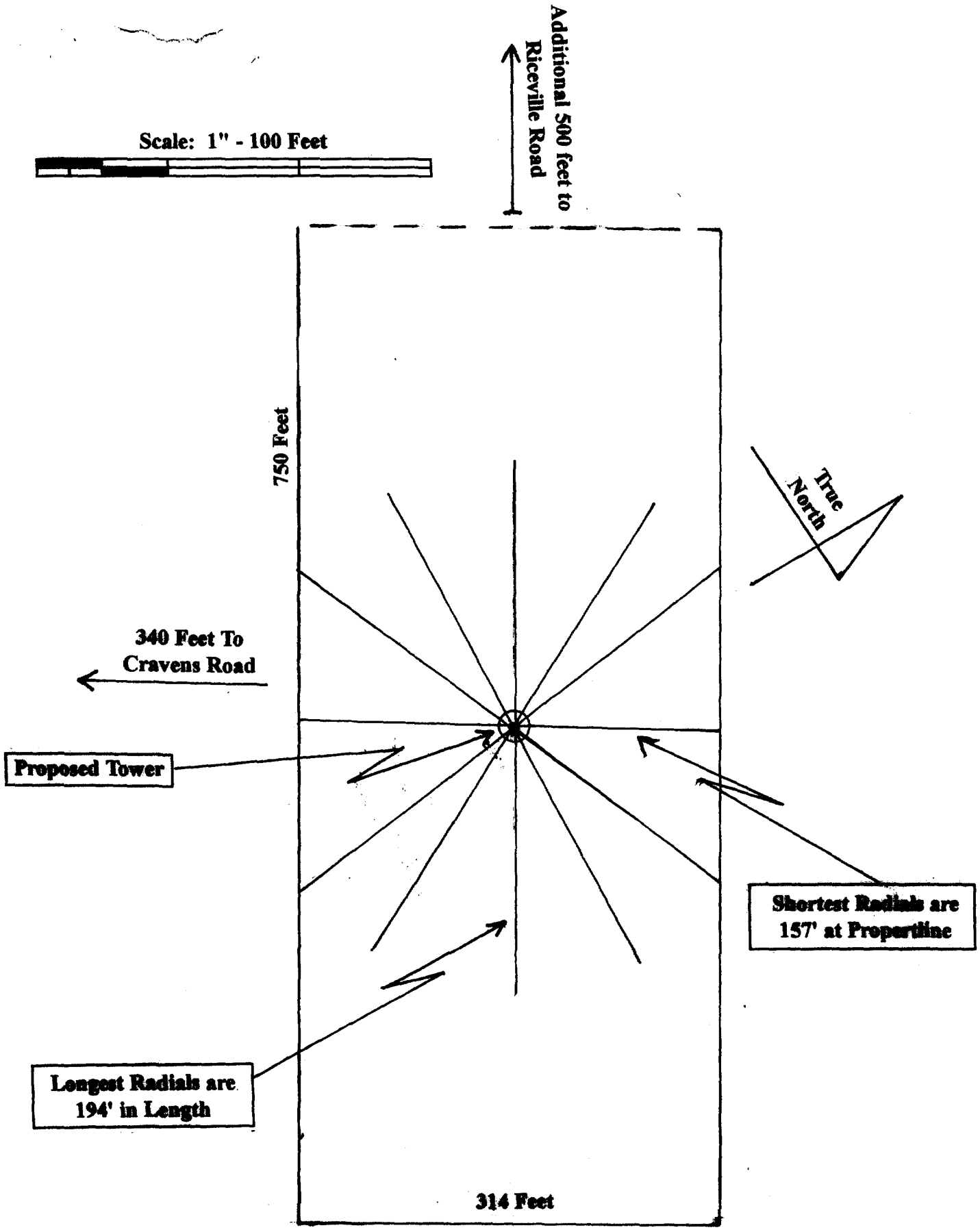
DMA 6843 II NE—SERIES V882

VERTICAL PLAN SKETCH



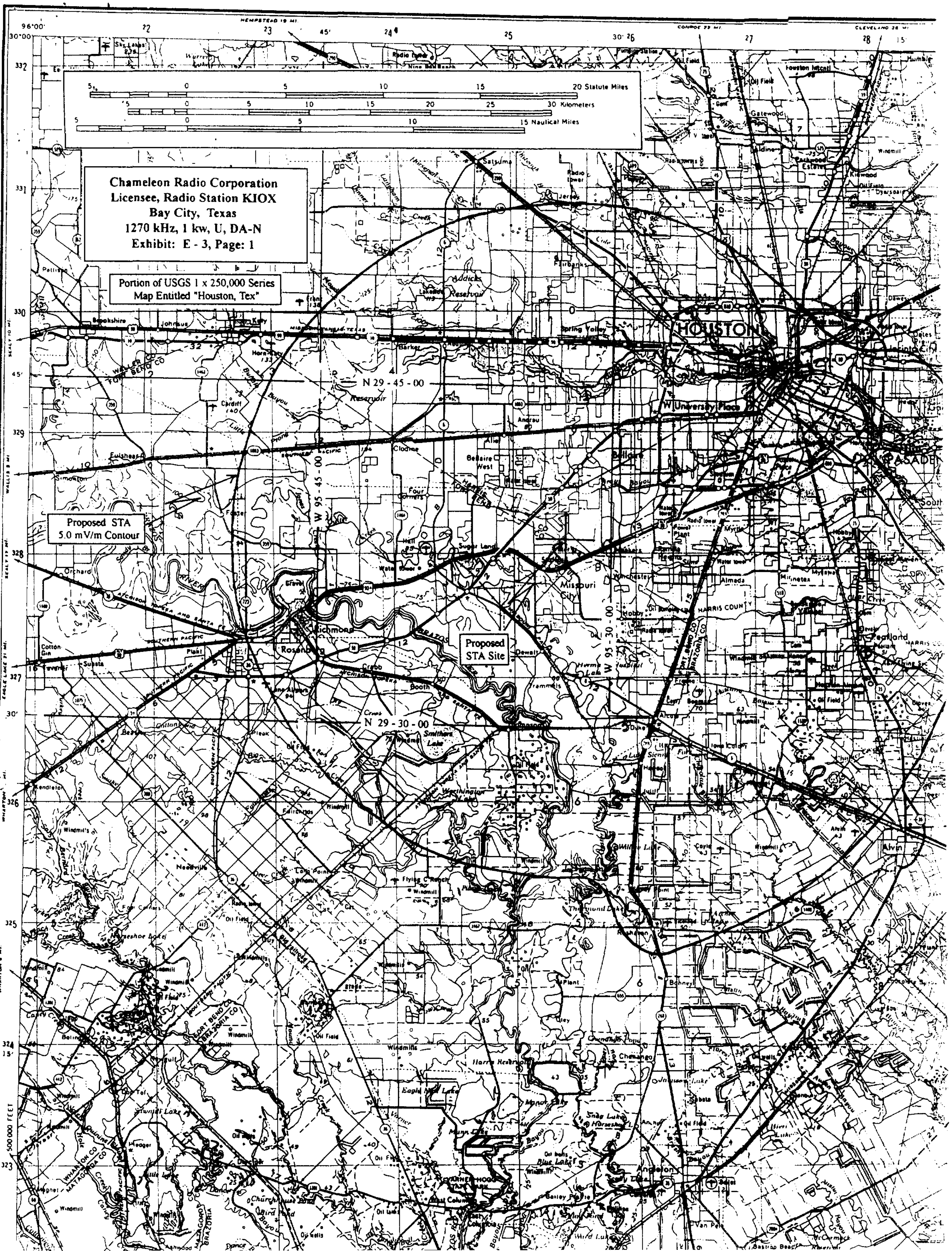
Proposed Site = 75 Ft. (22.86 meters) Above Mean Sea Level

Chameleon Radio Corporation
Licensee, Radio Station KIOX
Bay City, Texas
1270 kHz, 1 kw, U, DA-N
Exhibit: E - 2, Page: 1



Chameleon Radio Corporation
Licensee, Radio Station KIOX
Bay City, Texas
1270 kHz, 1 kw, U, DA-N
Exhibit: E - 2, Page: 2

WESTERN UNITED STATES 1:250,000



CHAMELEON RADIO CORPORATION, LICENSEE
RADIO STATION KIOX, BAY CITY, TEXAS
1270 kHz, 1 KW, U, DA-N

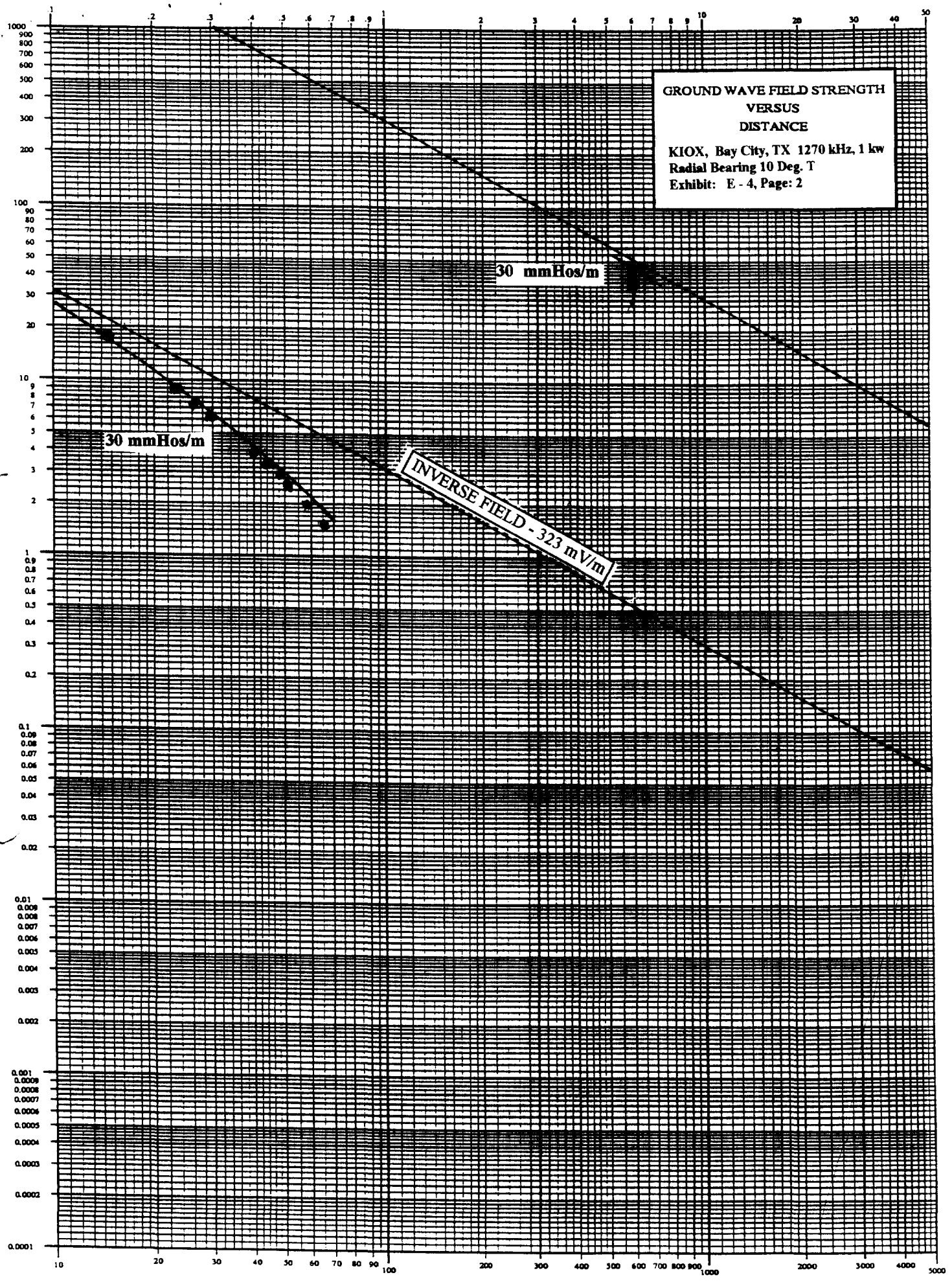
EXHIBIT: E - 4, PAGE: 1

TABULATION OF FIELD INTENSITY MEASUREMENTS

KIOX - BAY CITY, TEXAS
1270 kHz, 1 KW, U, DA-N

Radial Bearing 10.0 Degrees True

Point	Kilometers	Time	Reading in mV/m
1	6.00	1512	37.50
2	14.50	1502	17.50
3	23.20	1450	8.80
4	26.10	1435	7.20
5	29.00	1421	6.40
6	40.80	1413	4.00
7	45.50	1402	3.50
8	49.30	1348	2.90
9	53.00	1336	2.40
10	59.30	1320	1.90
11	65.10	1312	1.50


GROUND WAVE FIELD STRENGTH
VERSUS
DISTANCE
KIOX, Bay City, TX 1270 kHz, 1 kw
Radial Bearing 10 Deg. T
Exhibit: E - 4, Page: 2
30 mmHos/m
30 mmHos/m
INVERSE FIELD - 323 mV/m

CHAMELEON RADIO CORPORATION, LICENSEE
RADIO STATION KIOX, BAY CITY, TEXAS
1270 kHz, 1 KW, U, DA-N

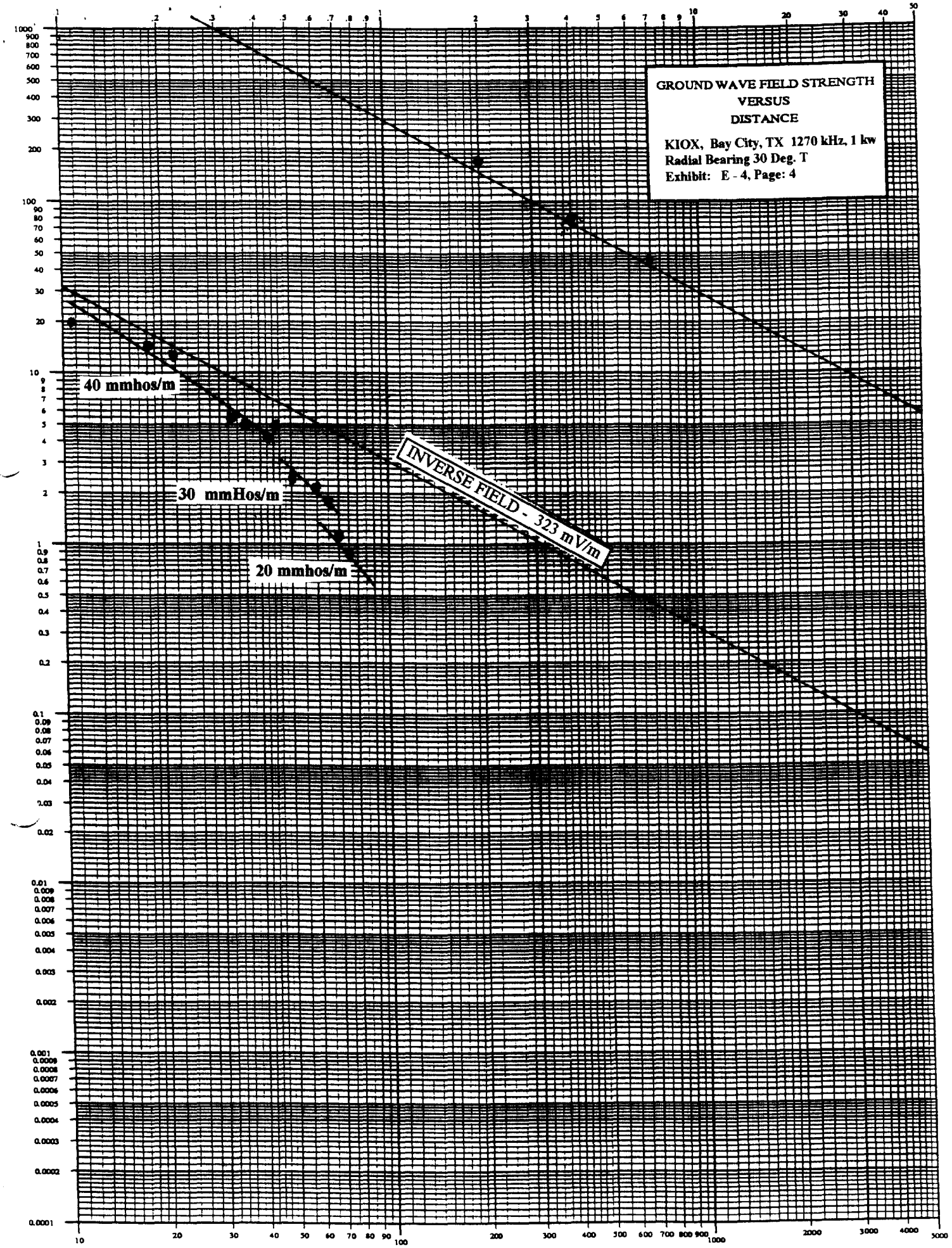
EXHIBIT: E - 4, PAGE: 3

TABULATION OF FIELD INTENSITY MEASUREMENTS

KIOX - BAY CITY, TEXAS
1270 kHz, 1 KW, U, DA-N

Radial Bearing 30.0 Degrees True

Point	Kilometers	Time	Reading in mV/m
1	2.20	1018	171.00
2	4.10	1032	77.00
3	8.00	1045	43.00
4	10.90	1054	20.00
5	18.80	1104	14.20
6	22.00	1115	11.80
7	33.30	1125	5.50
8	36.00	1140	5.10
9	43.00	1152	4.20
10	45.80	1159	4.80
11	50.10	1210	2.50
12	58.00	1225	2.10
13	64.30	1234	1.80
14	70.50	1248	1.00
15	76.00	1257	0.85


GROUND WAVE FIELD STRENGTH
VERSUS
DISTANCE
KIOX, Bay City, TX 1270 kHz, 1 kw
Radial Bearing 30 Deg. T
Exhibit: E - 4, Page: 4
40 mmhos/m
30 mmHos/m
20 mmhos/m
INVERSE FIELD - 323 mV/m

CHAMELEON RADIO CORPORATION, LICENSEE
RADIO STATION KIOX, BAY CITY, TEXAS
1270 kHz, 1 KW, U, DA-N

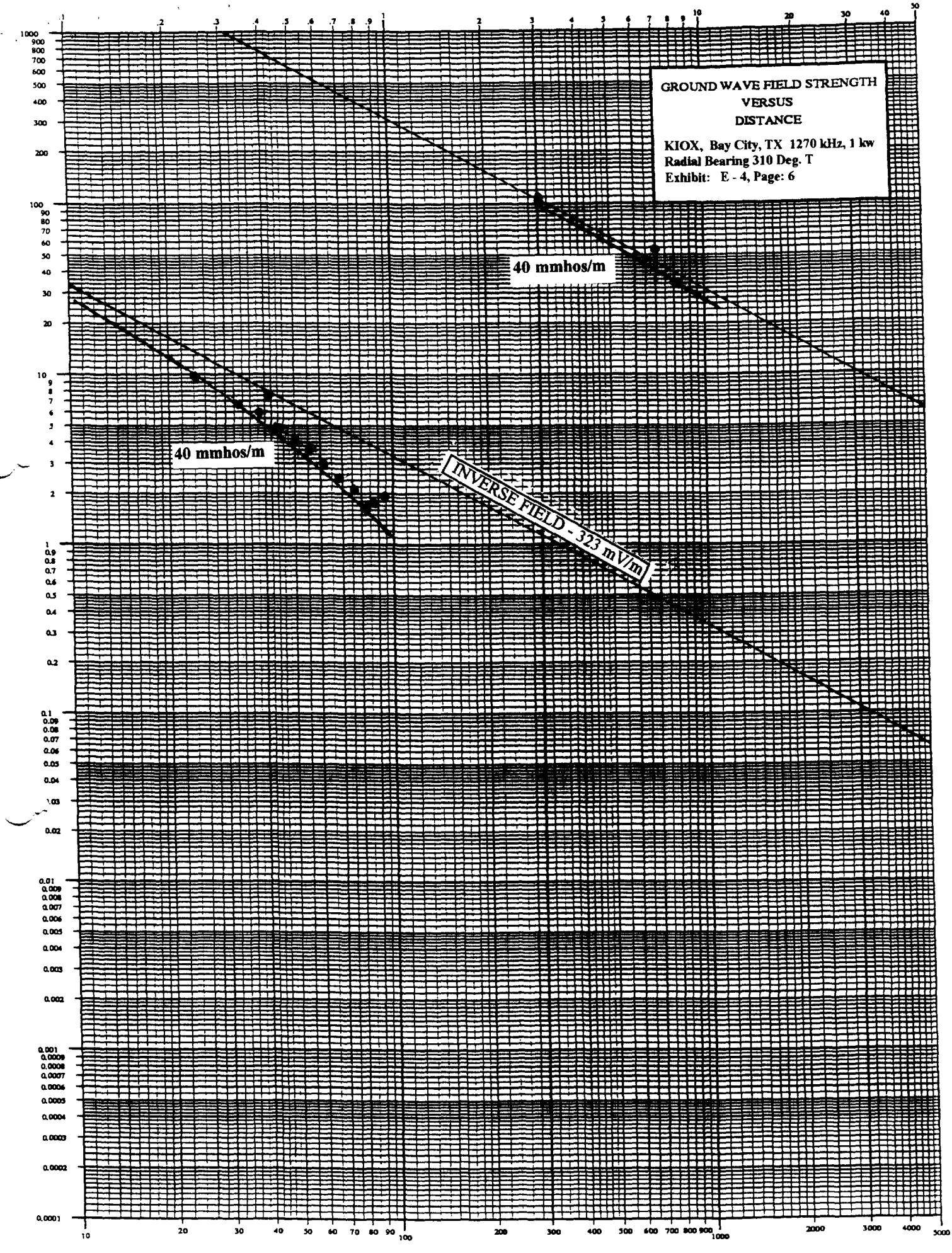
EXHIBIT: E - 4, PAGE: 5

TABULATION OF FIELD INTENSITY MEASUREMENTS

KIOX - BAY CITY, TEXAS
1270 kHz, 1 KW, U, DA-N

Radial Bearing 310.0 Degrees True

Point	Kilometers	Time	Reading in mV/m
1	3.00	0851	103.00
2	7.10	0857	58.00
3	8.20	0907	32.00
4	24.20	0933	9.80
5	33.00	0946	6.30
6	37.70	0958	5.90
7	41.00	1011	7.50
8	44.50	1017	4.90
9	50.50	1026	4.40
10	56.20	1035	3.80
11	62.00	1057	3.00
12	68.30	1109	2.50
13	76.10	1120	2.30
14	83.20	1150	1.70
15	88.50	1204	1.30
16	93.00	1217	1.40


GROUND WAVE FIELD STRENGTH
VERSUS
DISTANCE
KIOX, Bay City, TX 1270 kHz, 1 kw
Radial Bearing 310 Deg. T
Exhibit: E - 4, Page: 6
40 mmhos/m
40 mmhos/m
INVERSE FIELD - 323 mV/m

CHAMELEON RADIO CORPORATION, LICENSEE
RADIO STATION KIOX, BAY CITY, TEXAS
1270 kHz, 1 KW, U, DA-N

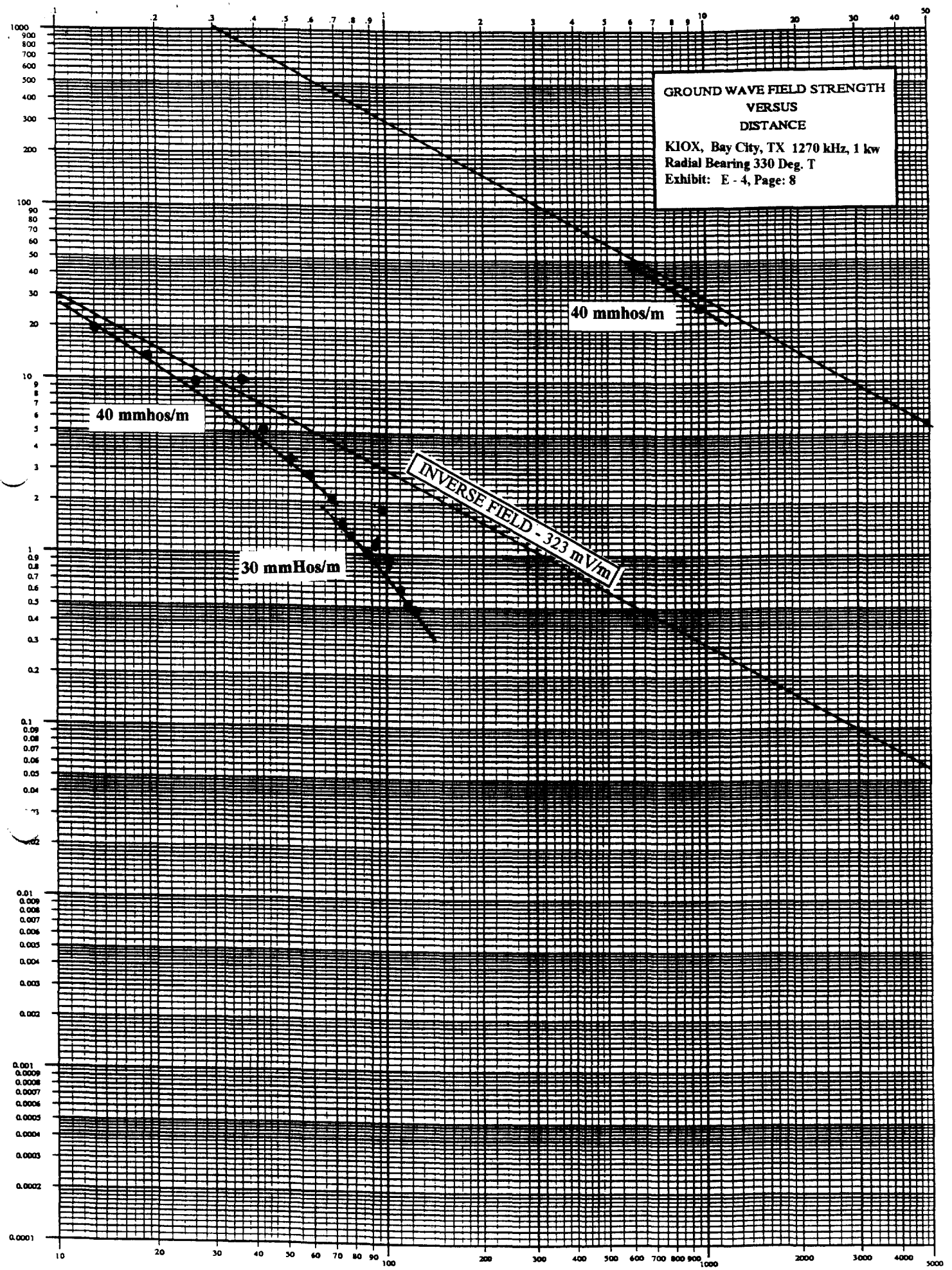
EXHIBIT: E - 4, PAGE: 7

TABULATION OF FIELD INTENSITY MEASUREMENTS

KIOX - BAY CITY, TEXAS
1270 kHz, 1 KW, U, DA-N

Radial Bearing 330.0 Degrees True

Point	Kilometers	Time	Reading in mV/m
1	6.00	1245	44.00
2	9.50	1255	26.00
3	13.00	1304	19.00
4	19.20	1311	13.90
5	27.40	1331	9.90
6	36.10	1345	10.00
7	42.00	1357	5.20
8	52.00	1406	3.60
9	58.00	1414	2.90
10	68.00	1423	2.10
11	74.20	1440	1.60
12	79.10	1451	1.30
13	87.10	1504	1.00
14	92.70	1517	1.10
15	97.30	1529	1.80
16	101.00	1543	0.93
17	112.00	1600	0.63
18	117.00	1614	0.52
19	122.00	1633	0.49


GROUND WAVE FIELD STRENGTH
VERSUS
DISTANCE
KIOX, Bay City, TX 1270 kHz, 1 kw
Radial Bearing 330 Deg. T
Exhibit: E - 4, Page: 8
40 mmhos/m
40 mmhos/m
30 mmHos/m
INVERSE FIELD - 323 mV/m

CHAMELEON RADIO CORPORATION, LICENSEE
RADIO STATION KIOX, BAY CITY, TEXAS
1270 kHz, 1 KW, U, DA-N

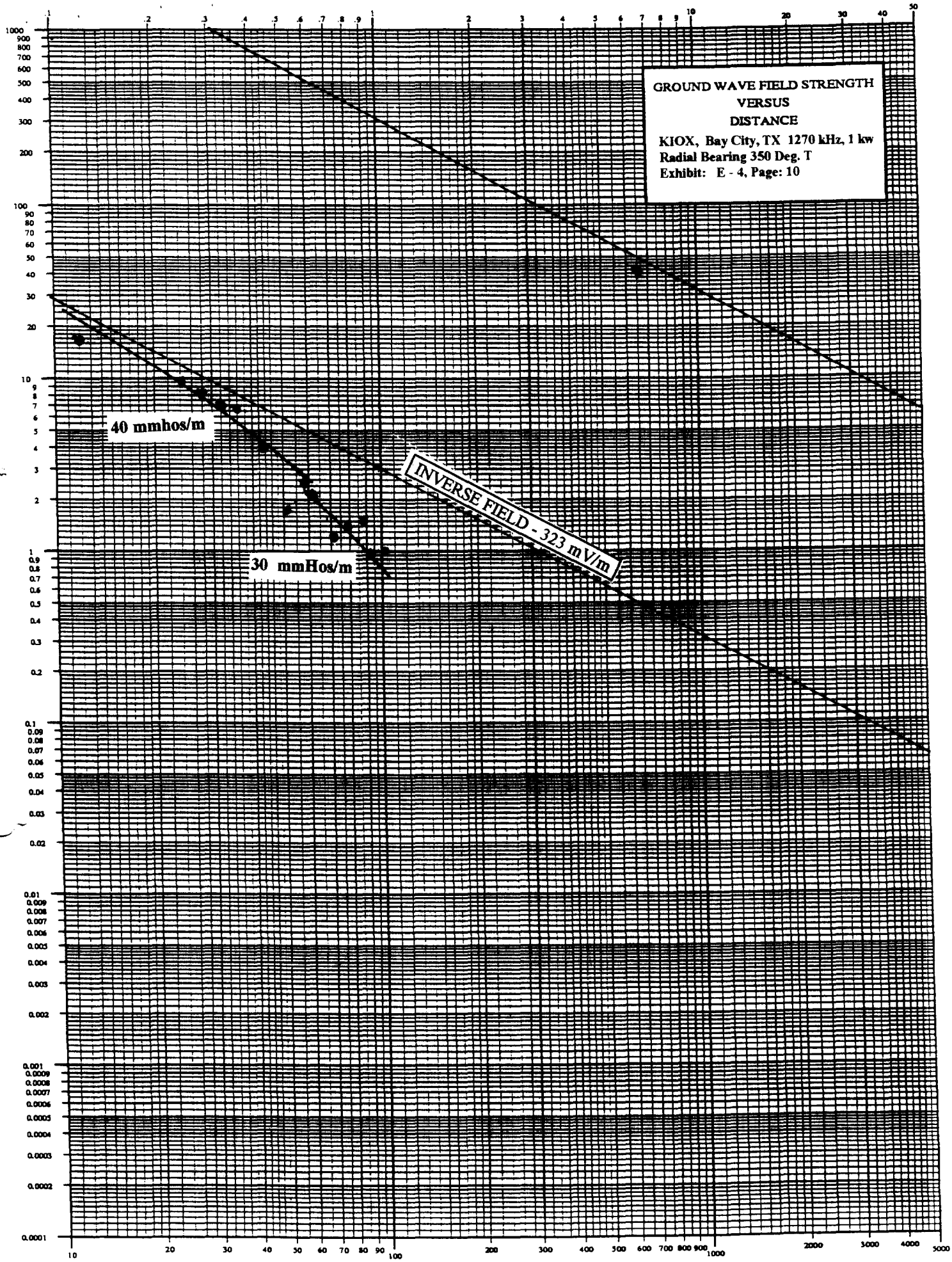
EXHIBIT: E - 4, PAGE: 9

TABULATION OF FIELD INTENSITY MEASUREMENTS

KIOX - BAY CITY, TEXAS
1270 kHz, 1 KW, U, DA-N

Radial Bearing 350.0 Degrees True

Point	Kilometers	Time	Reading in mV/m
1	6.50	0912	37.00
2	12.30	0919	16.50
3	24.00	0934	9.70
4	28.30	0952	8.20
5	32.50	1004	6.90
6	36.10	1011	6.60
7	43.20	1018	4.00
8	52.10	1029	1.70
9	57.40	1046	2.50
10	62.20	1100	2.20
11	71.00	1113	1.20
12	79.40	1126	1.40
13	87.50	1137	1.60
14	93.10	1152	0.98
15	101.00	1204	1.00


GROUND WAVE FIELD STRENGTH
VERSUS
DISTANCE
KIOX, Bay City, TX 1270 kHz, 1 kw
Radial Bearing 350 Deg. T
Exhibit: E - 4, Page: 10
40 mmhos/m
30 mmHos/m
INVERSE FIELD - 323 mV/m

Chameleon Radio Corporation
Licensee, Radio Station KIOX
Bay City, Texas
1270 kHz, 1 kw, U, DA-N
Exhibit: E - 4, Page: 11

KIOX CONDUCTIVITIES IN KILOMETERS
MEASURED DISTANCES ARE INDICATED BY "M"

36 28 59 51 95 54 42 KIOX Distances in Kilometers.

.0	6	40.0M	57.0	30.0M	101.0	15.0E	128.4	4.0E	328.5
		8.0E	390.2	30.0E	450.0				
10.0	4	30.0M	65.2	15.0E	133.1	4.0E	324.2	8.0E	450.0
20.0	6	30.0M	65.2	15.0E	135.3	4.0E	230.0	8.0E	269.9
		4.0E	333.8	8.0E	450.0				
30.0	7	40.0M	45.8	30.0M	64.0	20.0M	76.0	15.0E	147.1
		4.0E	164.3	8.0E	427.8	15.0E	450.0		
40.0	9	40.0M	45.8	30.0M	64.0	20.0M	76.0	30.0E	119.0
		15.0E	130.4	30.0E	169.1	8.0E	381.3	15.0E	446.9
		4.0E	450.0						
50.0	9	30.0E	8.9	15.0E	58.5	30.0E	117.0	5000.0E	120.8
		30.0E	196.4	8.0E	340.9	15.0E	399.5	8.0E	418.2
		4.0E	450.0						
60.0	8	30.0E	9.1	15.0E	54.4	30.0E	111.0	5000.0E	131.9
		30.0E	237.1	8.0E	331.8	15.0E	393.4	8.0E	450.0
70.0	11	30.0E	9.7	15.0E	54.1	30.0E	105.3	5000.0E	116.8
		30.0E	120.6	5000.0E	257.2	30.0E	263.2	5000.0E	266.9
		30.0E	347.5	15.0E	360.9	8.0E	450.0		
80.0	5	30.0E	10.6	15.0E	56.0	30.0E	76.0	5000.0E	428.4
		15.0E	450.0						
90.0	4	30.0E	11.8	15.0E	49.2	30.0E	65.9	5000.0E	450.0
100.0	4	30.0E	13.9	15.0E	41.5	30.0E	57.1	5000.0E	450.0
110.0	4	30.0E	17.6	15.0E	35.6	30.0E	49.0	5000.0E	450.0
120.0	4	30.0E	24.9	15.0E	32.0	30.0E	43.9	5000.0E	450.0
130.0	2	30.0E	40.4	5000.0E	450.0				
140.0	2	30.0E	38.6	5000.0E	450.0				
150.0	2	30.0E	33.7	5000.0E	450.0				
160.0	2	30.0E	32.0	5000.0E	450.0				
170.0	2	30.0E	32.6	5000.0E	450.0				
180.0	2	30.0E	34.2	5000.0E	450.0				
190.0	2	30.0E	40.9	5000.0E	450.0				
200.0	5	30.0E	43.9	5000.0E	359.5	30.0E	359.7	20.0E	429.8
		5000.0E	450.0						
210.0	4	30.0E	53.1	5000.0E	303.3	30.0E	377.7	20.0E	450.0
220.0	9	30.0E	40.5	5000.0E	77.7	30.0E	86.1	5000.0E	220.5
		30.0E	247.4	5000.0E	254.7	30.0E	323.2	15.0E	401.0
		20.0E	457.3						
230.0	15	30.0E	58.5	5000.0E	61.7	30.0E	67.5	5000.0E	77.7
		30.0E	103.5	5000.0E	113.2	30.0E	128.9	5000.0E	129.0
		30.0E	140.7	5000.0E	162.1	30.0E	192.7	5000.0E	200.3
		30.0E	299.4	15.0E	420.4	3.0E	450.0		

Chameleon Radio Corporation
Licensee, Radio Station KIOX
Bay City, Texas
1270 kHz, 1 kw, U, DA-N
Exhibit: 4, Page: 12

36 28 59 51 95 54 42 KIOX Distances in Kilometers.

240.0	5	30.0E	73.7	5000.0E	79.3	30.0E	240.6	15.0E	403.3
		3.0E	450.0						
250.0	4	30.0E	180.6	15.0E	384.0	8.0E	402.0	3.0E	450.0
260.0	4	30.0E	143.1	15.0E	363.2	8.0E	432.3	3.0E	450.0
270.0	3	30.0E	119.1	15.0E	366.0	8.0E	450.0		
280.0	3	30.0E	103.8	15.0E	318.4	8.0E	450.0		
290.0	3	30.0E	97.0	15.0E	230.1	8.0E	450.0		
300.0	3	40.0M	94.0	15.0E	221.1	8.0E	450.0		
310.0	3	40.0M	94.0	15.0E	228.7	8.0E	450.0		
320.0	5	40.0M	94.0	15.0E	218.7	30.0E	252.1	8.0E	351.1
		15.0E	450.0						
330.0	5	40.0M	68.0	30.0M	122.0	15.0E	220.1	30.0E	286.2
		15.0E	450.0						
340.0	5	40.0M	68.0	30.0M	122.0	15.0E	241.1	30.0E	263.4
		15.0E	450.0						
350.0	6	40.0M	57.0	30.0M	101.0	15.0E	145.8	4.0E	290.8
		15.0E	352.9	30.0E	450.0				

Chameleon Radio Corporation
Licensee, Radio Station KIOX
Bay City, Texas
1270 kHz, 1 kw, U, DA-N
Exhibit: 4, Page: 13

KIOX GROUNDWAVE CONTOURS FROM
CURRENTLY LICENSED SITE

COORDINATES: N 28 59 51 W 95 54 42

AZIMUTH	RADIATION (mV/m at one km)	DISTANCES TO CONTOURS IN KILOMETERS: Contour levels in mV/m. 5.000	.500	.250	.025
.0	323.50	41.47	120.24	139.58	232.81
10.0	323.50	37.68	106.29	134.39	227.62
20.0	323.50	37.68	106.29	135.35	228.58
30.0	323.50	41.47	98.75	127.85	243.05
40.0	323.50	41.47	109.98	146.36	271.52
50.0	323.50	29.45	103.54	146.59	282.76
60.0	323.50	29.49	106.37	160.48	307.04
70.0	323.50	29.61	109.48	213.85	401.64
80.0	323.50	29.79	162.91	274.48	2500.00
90.0	323.50	30.04	196.52	308.09	2500.00
100.0	323.50	30.52	228.73	340.30	2500.00
110.0	323.50	31.45	257.70	369.27	2500.00
120.0	323.50	34.32	280.06	391.63	2500.00
130.0	323.50	37.68	293.92	405.49	2500.00
140.0	323.50	37.68	296.86	408.43	2500.00
150.0	323.50	43.45	304.09	415.65	2500.00
160.0	323.50	45.67	306.30	417.87	2500.00
170.0	323.50	44.90	305.53	417.10	2500.00
180.0	323.50	42.78	303.42	414.98	2500.00
190.0	323.50	37.68	293.10	404.67	2500.00
200.0	323.50	37.68	288.52	371.95	2500.00
210.0	323.50	37.68	273.79	333.52	2500.00
220.0	323.50	37.68	240.43	285.72	439.05
230.0	323.50	37.68	150.79	203.38	367.75
240.0	323.50	37.68	132.79	173.39	331.42
250.0	323.50	37.68	129.11	169.71	313.44
260.0	323.50	37.68	129.11	162.38	303.13
270.0	323.50	37.68	126.24	155.34	296.09
280.0	323.50	37.68	121.27	150.37	291.12
290.0	323.50	37.68	118.63	147.73	279.46
300.0	323.50	41.47	124.85	153.96	282.97
310.0	323.50	41.47	124.85	153.96	284.39
320.0	323.50	41.47	124.85	153.96	294.01
330.0	323.50	41.47	127.07	156.17	309.71
340.0	323.50	41.47	127.07	156.17	301.13
350.0	323.50	41.47	120.24	147.79	241.02

Chameleon Radio Corporation
Licensee, Radio Station KIOX
Bay City, Texas
1270 kHz, 1 kw, U, DA-N
Exhibit: E - 4, Page: 14

KIOX CONDUCTIVITIES IN KILOMETERS
MEASURED DISTANCES ARE INDICATED BY "M"
CONDUCTIVITIES FROM PROPOSED STA SITE

36 29 38 10 95 32 22 KIOX Distances in Kilometers.

.0	5	15.0E	58.0	4.0E	251.3	8.0E	393.1	30.0E	471.0
		15.0E	500.0						
10.0	4	15.0E	57.1	4.0E	249.3	8.0E	412.4	4.0E	500.0
20.0	6	15.0E	58.3	4.0E	129.3	8.0E	201.4	4.0E	257.0
		8.0E	423.4	4.0E	500.0				
30.0	7	15.0E	63.4	4.0E	92.1	8.0E	228.8	4.0E	251.7
		8.0E	351.4	15.0E	443.4	4.0E	500.0		
40.0	5	15.0E	72.9	30.0E	76.3	8.0E	316.4	15.0E	386.3
		4.0E	500.0						
50.0	8	15.0E	14.6	30.0E	23.1	15.0E	60.7	30.0E	92.0
		8.0E	283.7	15.0E	341.8	4.0E	415.9	8.0E	500.0
60.0	7	15.0E	10.7	30.0E	39.1	15.0E	55.5	30.0E	109.6
		8.0E	266.8	15.0E	323.3	8.0E	500.0		
70.0	8	15.0E	9.5	30.0E	45.7	5000.0E	47.8	30.0E	156.5
		8.0E	269.3	15.0E	334.4	8.0E	493.8	4.0E	500.0
80.0	13	15.0E	8.8	30.0E	47.5	5000.0E	51.6	30.0E	74.5
		5000.0E	80.3	30.0E	81.4	5000.0E	85.2	30.0E	215.6
		5000.0E	221.9	30.0E	291.9	8.0E	442.8	4.0E	450.2
		15.0E	500.0						
90.0	9	15.0E	8.4	30.0E	51.5	5000.0E	81.0	30.0E	135.0
		5000.0E	275.0	30.0E	314.8	15.0E	338.6	5000.0E	386.7
		15.0E	500.0						
100.0	5	15.0E	8.2	30.0E	52.7	5000.0E	92.0	30.0E	97.6
		5000.0E	500.0						
110.0	5	15.0E	8.4	30.0E	66.9	5000.0E	79.6	30.0E	83.8
		5000.0E	500.0						
120.0	3	15.0E	8.9	30.0E	72.6	5000.0E	500.0		
130.0	3	15.0E	10.1	30.0E	68.4	5000.0E	500.0		
140.0	3	15.0E	12.2	30.0E	68.4	5000.0E	500.0		
150.0	3	15.0E	16.0	30.0E	71.4	5000.0E	500.0		
160.0	3	15.0E	24.3	30.0E	80.4	5000.0E	500.0		
170.0	3	15.0E	72.6	30.0E	85.7	5000.0E	500.0		
180.0	3	15.0E	81.3	30.0E	94.0	5000.0E	500.0		
190.0	3	15.0E	84.6	30.0E	102.2	5000.0E	500.0		
200.0	5	15.0E	74.1	30.0E	112.8	5000.0E	114.7	30.0E	120.9
		5000.0E	500.0						
210.0	5	15.0E	69.1	30.0E	130.0	5000.0E	378.8	30.0E	458.8
		20.0E	500.0						
220.0	16	15.0E	66.3	30.0E	146.1	5000.0E	153.7	30.0E	179.5
		5000.0E	191.3	30.0E	214.1	5000.0E	226.7	30.0E	257.9
		5000.0E	274.9	30.0E	326.0	5000.0E	329.3	30.0E	339.0
		5000.0E	339.1	30.0E	391.5	15.0E	486.0	20.0E	500.0
230.0	4	15.0E	65.4	30.0E	343.2	15.0E	482.4	3.0E	500.0
240.0	4	15.0E	66.6	30.0E	219.2	15.0E	452.8	3.0E	500.0

Chameleon Radio Corporation
Licensee, Radio Station KIOX
Bay City, Texas
1270 kHz, 1 kw, U, DA-N
Exhibit: 4, Page: 15

36 29 38 10 95 32 22 KIOX Distances in Kilometers.

250.0	5	15.0E	72.1	30.0E	144.4	15.0E	419.1	8.0E	472.3
		3.0E	500.0						
260.0	5	15.0E	82.6	30.0E	116.7	15.0E	408.2	8.0E	493.9
		3.0E	500.0						
270.0	4	15.0E	92.6	30.0E	100.4	15.0E	267.5	8.0E	500.0
280.0	2	15.0E	230.9	8.0E	500.0				
290.0	2	15.0E	224.4	8.0E	500.0				
300.0	3	15.0E	198.6	30.0E	229.9	8.0E	500.0		
310.0	4	15.0E	188.5	30.0E	244.6	8.0E	268.6	15.0E	500.0
320.0	5	15.0E	84.8	4.0E	94.3	15.0E	190.6	30.0E	258.8
		15.0E	500.5						
330.0	4	15.0E	67.4	4.0E	208.0	15.0E	496.3	30.0E	500.0
340.0	6	15.0E	64.3	4.0E	238.7	15.0E	297.3	30.0E	379.1
		15.0E	455.6	30.0E	500.0				
350.0	5	15.0E	60.7	4.0E	263.9	8.0E	293.7	30.0E	449.9
		15.0E	500.0						