ENGINEERING

EXHIBITS No. E1

& No. E2

COASTAL BROADCASTING CORP.

PROPOSED CHANGE OF TRANSMITTING SITE

KPNG, PORT NECHES, TEXAS

1150 kc 0.5 kw DA-D

Engineering Report No. 525-A

January 4, 1972

Prepared by

GUY C. HUTCHESON

CONSULTING RADIO ENGINEER

ARLINGTON, TEXAS

FCC Form [illegible] — [illegible] NICATI[illegible]

STANDARD BROADCAST ENGINEERING DATA

Name: CO[illegible] [illegible]ADCASTING CORP.

1. Indicate by check mark the purpo[illegible] of this appl[illegible] items of this Section that are applicable to, and must be answered for, each category are shown to the right of the category.)

Category	Items
☐ Construct a new station ☐ Change station location to a different city or town ☐ Change power ☒ Change transmitter location ☐ Change frequency ☐ Change from DA to Non-DA ☐ Change from Non-DA to DA ☒ Change in antenna system (including increase in height by addition of FM or TV antenna)	All items
☐ Install new Auxiliary Transmitter ☐ Install new Alternate Main Transmitter	2 thru 7, and 10
☐ Change transmitter (non type accepted) ☐ Change Main Studio Location to point outside city limits and not at transmitter site ☐ Change Hours of Operation	2 thru 7
☐ Other (specify):	2 thru 7 (and appropriate other items)

If this application is not for a new station, summarize briefly the nature of the changes proposed:

CHANGE ANTENNA SITE & REDUCE ANTENNA HEIGHT 20 FT.

2. Facilities requested NO CHANGE

Frequency	Hours of operation	Power in kilowatts Night	Day
1150 kc	DAYTIME	0	0.5

3. Station location NO CHANGE

State	City or town
TEXAS	PORT NECHES

4. Transmitter location

State	County
TEXAS	JEFFERSON

City or town	Street Address (or other identification)
PORT NECHES	3184 [illegible]RRIMAN ST.

5. Main studio location NO CHANGE

State	County
TEXAS	JEFFERSON

City or town	Street and number, [illegible]
PORT NECHES	3185 MERRIMAN ST.

6. Remote control point location NO CHANGE

State	City or town
TEXAS	PORT NECHES

Street Address (or other identification): 3185 MERRIMAN ST.

7. Transmitter NO CHANGE

Make	Type No.	Rated Power
GATES RADIO CO.	BC-500T	0.5 KW

(If the above transmit[illegible] has not been accepted for licensing by the FCC, attach as Exhibit No. – a complete showing of transmitter details. Showing should include schematic diagram and full details of frequency control. If changes are to be made in licensed transmitter include schematic diagram and give full details of change.)

8. Modulation monitor NO CHANGE

Make	Type No.
GATES RADIO CO.	MO-2639

9. Frequency monitor NO CHANGE

Make	Type No.
GATES RADIO CO.	M-4990

10. Antenna system, including ground or counterpoise

Non-Directional Antenna: Day ☐ Night ☐

Directional Antenna:
- Day only (DA-D) ☒
- Night only (DA-N) ☐
- Same constant and power day and night (DA-1) ☐
- Different constants or power day and night (DA-2) ☐

(If a directional antenna is proposed submit complete engineering data. Show clearly whether directional operation is for day or night or both. If day and night patterns are different give full information on each pattern. This information is in addition to the information in Paragraph 10 and is submitted as Exhibit No. and signed by the engineer who designed the system.)

Type radiator: TWO VERTICAL UNIFORM CROSS-SEC. STEEL GUYED TOWERS	Height of complete radiator above base insulator, or above base if grounded: 200
Overall height in feet above ground (without obstruction lighting): 200	Overall height in feet above mean sea level (without obstruction lighting): 207
Overall height in feet above ground (with obstruction lighting): 203	Overall height in feet above mean sea level (with obstruction lighting): 210
If antenna is either top loaded or sectionalized, describe fully as Exhibit No. –	

Excitation: Series ☒ Shunt ☐

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

North latitude	West longitude
29° 57' 48"	93° [illegible]' [illegible]"

If not fully described above, give further details and dimensions [illegible] any other antennas mounted on tower and associated isolation circuits as Exhibit No. E2 (Height figures should not include obstruction lighting.)

Submit as Exhibit No. E1 a plat of the transmitter site showing boundary lines, and roads, railroads, other obstructions; and also layout of the ground system or counterpoise. Show [illegible] and dimensions of ground radials or [illegible] a counterpoise is used, show height and dimensions.

11. Attach as Exhibit No. E1 a sufficient number of aerial photographs taken in clear weather at appropriate altitudes and angles to permit identification of all structures in the vicinity. The photographs must be marked so as to show compass directions, exact boundary lines of the proposed site, and locations of the proposed 1000 mv/m contour for both day and night operation. Photographs taken in eight different directions from an elevated position on the ground will [illegible] acceptable in lieu of the aerial photographs if the data referred to can be clearly shown.

12. Allocation Studies:

A. Attach as Exhibit No. E1 map or maps, having reasonable scales, showing the 1000, 25, 5, 2, normally protected and interference-free contours in mv/m for both day and night operation both existing and as proposed by the application. (NOTE: The 2 mv/m night contour need not be supplied if service is not rendered thereto.)

B. (1) For daytime operation, attach as Exhibit No. E1 an allocation study, utilizing Figure M-3 of the Rules or an accurate full scale reproduction thereof and using pertinent field strength measurement data where available, a full scale exhibit of the entire pertinent area to show the following:

(a) Normally protected, the interference-free, and the interfering contours for the proposed operation along all azimuths.

(b) Complete normally protected and 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) The 0.1 mv/m groundwave contour of Class I-B stations and appropriate studies to establish compliance with Section 73.187 when operation is proposed on a U. S. Class I-B channel.

(f) Plot of the transmitter location of each station or proposal requiring investigation, with identifying call letters, file numbers, and operating or proposed facilities.

(g) Properly labeled longitude and latitude degree lines, shown across entire exhibit.

(2) For daytime operation, when necessary to show more detail, attach as Exhibit No. E1 an additional allocation study, utilizing World or Sectional Aeronautical charts to clearly show interference or absence thereof.

(3) For daytime operation, attach as Exhibit No. E1 a tabulation of the following:

(a) Azimuths along which the groundwave contours were calculated for all stations or proposals shown on allocation study exhibits required by Paragraph 12B above.

(b) Inverse distance field strength used along each azimuth.

(c) Basis for ground conductivity utilized along azimuths specified in (3) (a). If field strength measurements are used, the measurements must be either submitted or be properly identified as to location in Commission files.

C. For nighttime operation, attach as Exhibit No. - , allocation data to include the following:

(1) Proposed nighttime limitation to other existing or proposed stations with which objectionable interference would result, as well as those other proposals and existing stations which require study to clearly show absence of objectionable interference.

(2) All existing or proposed nighttime limitations which enter into the nighttime R.S.S. limitation of each of the existing or proposed facilities investigated under C (1) above.

(3) All existing and proposed limitations which contribute to the R.S.S. nighttime limitation of the proposed operation, together with those limitations which must be studied before being excluded.

(4) A detailed interference study plotted upon an appropriate scale map if a question exists with respect to nighttime interference to other existing or proposed facilities along bearings other than on a direct line toward the facility considered.

(5) Utilizing an appropriate scale map, clearly show the normally protected and interference-free contours of each of the existing and proposed stations which would receive nighttime interference from the proposed operation.

(6) The detailed basis for each nighttime limitation calculated under C (1) (2) (3) and (4) above, including a copy of each pertinent radiation pattern in the vertical plane and basis therefor.

13. Attach as Exhibit No. E1 tables of the areas and populations within the contours included in Paragraph 12 (A) above, as well as within the normally protected and interference-free contours of each station or proposed operation to which interference would be caused according to the Commission Rules.

(NOTE: See the Standard Broadcast Technical Standards. All towns and cities having populations in excess of those given in Section 3.182(g) are not to be included in the tabulation of populations within the service contours. The latest Census Minor Civil Division maps are to be used in making population counts, subtracting any towns or cities not receiving adequate service, and where contours cut a minor division assuming a uniform distribution of population within the division, to determine the population included in the contours unless a more accuract count is made.)

14. Attach as Exhibit No. E1 map or maps having reasonable scales clearly showing the following:

(a) Proposed antenna location

(b) General character of the city or metropolitan district, particularly the retail business, wholesale business, manufacturing, residential, and unpopulated areas (by symbols, cross-hatching, colored crayons, or other means)

(c) Heights of buildings or other structures and terrain elevations in the vicinity of the antenna, indicating the location thereof.

(d) Transmitter location and call letters of all radio stations (except amateur) and the location of established commercial and government receiving stations within 2 miles of the proposed transmitter location. Call letters and locations of broadcast stations, including FM and television, within 5 miles must be shown.

(e) Terrain

DOES NOT APPLY

15. If this application is for modification of construction permit state briefly as Exhibit No. the present status of construction and indicate when it is expected that construction will be completed.

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.

Date Jan. 4, 1972

Signature Guy C. Hutcheson

(check appropriate box below)

☐ Technical Director ☐ Chief Operator

☒ Registered Professional Engineer

☒ Consulting Engineer

GUY C. HUTCHESON
CONSULTING RADIO ENGINEER
P. O. BOX 808
ARLINGTON, TEXAS 76010

FCC Form 301 | FEDERAL COMMUNICATIONS COMMISSION | Section V-G (Antenna)

ANTENNA AND SITE INFORMATION
(see instruction B Section 1)

Name of applicant: COASTAL BROADCASTING CORP.

Legal Counsel: MALLYCK & BERNTON

Address: 1900 L St., N. W., Washington, D.C. 20036

Consulting Engineer: GUY C. HUTCHESON

Address: P. O. BOX 808, Arlington, Texas 76010

Class of station: AM

Facilities requested: 1150 kc 0.5 kw DA-D

Purpose of application (Check appropriate box)
a. New antenna construction ☐
b. Alteration of existing antenna structures ☐
c. Change in location. ☒

1. Location of antenna

State	County	City or Town
TEXAS	JEFFERSON	PORT NECHES

Exact antenna location (street address) (If outside city limits, give distance and direction from, and name of nearest town)
3184 MERRIMAN ST.

Geographic coordinates (to be determined to nearest second. For directional antenna give coordinates of center of array.) For single vertical radiator give tower location.

North latitude	West longitude
29° 57' 48"	93° 58' 09"

2. Features of surrounding terrain

List any natural formations or existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft and thereby minimize the aeronautical hazard of the antenna.
WATER TOWER 2300 FT. NORTH

Submit as Exhibit No. E2 a chart on which is plotted the exact location of the antenna site, and also the relative location of the natural formations and/or the existing man-made structures listed above.
The chart used shall be an Instrument Approach Chart (or the landing chart on reverse side thereof), or a Sectional Aeronautical Chart, choice depending upon proximity of the antenna site to landing areas. 1/ In general, the Sectional Aeronautical Chart should be used only when the antenna site is more than 10 miles from a landing area or when an Instrument Approach Chart is unobtainable. 1/ These charts may be purchased from the U. S. Coast and Geodetic Survey, Washington, D. C. 20852
1/ Exception - Where the proposed antenna site is within the boundary of a landing area for which no Instrument Approach Chart is available, submit a self-made, large scale map showing antenna site, runway(s) and existing man-made structures listed above.

3. Designation, distance, and bearing to center line of nearest established airway within 5 miles: V20N & V20-222-306S Intersection

4. List all landing areas within 10 miles of antenna site. Give distance and direction to the nearest boundary of each landing area from the antenna site.

	Landing Area	Distance	Direction
(a)	JEFFERSON CO.	2.6 MILES	WEST
(b)			
(c)			

5. Description of antenna system (If directional, give spacing and orientation of towers).
SPACING: 404 FT.
ORIENTATION: N85°E

Type: TWO VERTICAL UNIFORM CROSS-SEC. STEEL TOWERS

Description of tower(s)

Self-supporting | Guyed YES | Tubular (Pole)

Tower (height figures should include obstruction lighting)	#1	#2	#3	#4	#5	#6
Height of radiating elements	200	200				
Overall height above ground	203	203				
Overall height above mean sea level	210	210				

If a combination of Standard, FM, or TV operation is proposed on the same multi-element array (either existing or proposed) submit as Exhibit No. a horizontal plan for the proposed antenna system, giving heights of the elements above ground and showing their orientation and spacing in feet. Clearly indicate if any towers are existing. DOES NOT APPLY

Submit as Exhibit No. E2 a vertical plan sketch for the proposed total structure (including supporting building if any) giving heights above ground in feet for all significant features. Clearly indicate existing portions, noting painting and lighting.

Is the proposed antenna system designed so that obstruction lights may be installed and maintained at the uppermost point(s)? Yes ☒ No ☐

6. Is the proposed site the same or immediately adjoining the transmitter-antenna site of other stations authorized by the Commission or specified in another application pending before the Commission? ☐ Yes ☒ No

If the answer is "Yes", give: CALL LETTERS ..... FILE NUMBER .....

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.

Jan. 4, 1972 (date)

Signature: Guy C. Hutcheson

GUY C. HUTCHESON
CONSULTING RADIO ENGINEER
P. O. BOX 303
ARLINGTON TEXAS 76010

(check appropriate box below)
☐ Technical Director ☐ Chief Operator ☒ Registered Professional Engineer ☒ Consulting Engineer

STATE OF TEXAS)
) ss:
COUNTY OF TARRANT)

GUY C. HUTCHESON, being first duly sworn upon his oath, deposes and says:

THAT he is a consulting radio engineer with office at Arlington, Texas; that he graduated from Texas A. & M. College in 1933 with a B. S. degree in Electrical Engineering; that he was a radio engineer-operator with the Second Byrd Antarctic Expedition to Little America from 1933 to 1935; that he was a member of the General Engineering Department of the Columbia Broadcasting System in New York, N. Y. from 1935 to 1945, and during his employment at CBS, he specialized in radio-frequency measurements, field intensity surveys and measurements, the design of directional antennas, r-f equipment, etc., and at various periods with CBS he held the positions of Engineer, Radio-Frequency Division, Chief Latin American Engineer, Engineer-in-Charge International Broadcasting, and Acting Engineer-in-Charge, Radio Frequency Division; that he has been in business for himself and has been active as a consulting radio engineer and maintained an office as such from 1945 to date; that he is registered as a professional engineer by the State of Texas, Serial No. 6218, and is entitled to practice as such; and that he has qualified as an expert engineer at hearings before the Federal Communications Commission and has presented testimony at such hearings on several occasions.

THAT this engineering exhibit was prepared by him personally or under his direct supervision and is true of his own knowledge except as to such statements as are herein stated on information and belief, and as to such statements he believes them to be true.

G. C. Hutcheson
Affiant

Subscribed and sworn to before me this 4TH day of Jan., 1972

NOTARY PUBLIC
My commission expires June 1, 1973

COASTAL BROADCASTING CORP.

PROPOSED CHANGE OF TRANSMITTING SITE

KPNG, PORT NECHES, TEXAS

INTRODUCTION:

The applicant, COASTAL BROADCASTING CORP., licensee of radio station KPNG, Port Neches, Texas, 1150 kc, 0.5 kw DA-D, requests permission to move its transmitting site to a location in Port Neches. Permission is also requested to decrease slightly the antenna height of each tower.

No change is proposed for the power, frequency, studio location nor ground system.

PROPOSED SITE:

The proposed site is located at approximately 3184 Merriman St., across the street from the studio location in Port Neches. The geographic coordinates of the center of the array as scaled from a 7 1/2' topographic quadrangle of Port Neches North, Tex. are north latitude 29° 57' 48", and west longitude 93° 58' 09".

Fig. 1 is a drawing of the plot plan of the proposed site and ground system.

Fig. 2 is an aerial photograph of the site and surrounding area.

ANTENNA AND GROUND SYSTEM:

No change is proposed for the antenna system except to decrease the overall height 20 feet or to a height of 200 ft. above ground (203 ft. with beacon). The Federal Aviation Agency would not approve a higher value as an attempt was made to keep the old height of 220 ft. above insulators but without success.

The ground system would be basically the same, that is, 120 radials 240 ft. long interspaced with 120 radials 50 ft. long, except for a few long radials to the property line as with the old site would not be installed.

The reduction in height of the antennas is not expected to affect the overall performance of the directional array any appreciable amount. The original expected RMS of the array taking into account array loss was 127 mv/m and the shorter antennas would reduce this value to 124.9 mv/m based upon Fig. 8 of FCC Standards, Section 73.190.

TRANSMITTING EQUIPMENT:

No change is proposed for the transmitter which is a Gates Radio Co. Type BC-500T of 0.5 kw rating, now in operation at the temporary site.

In addition, the present monitors and associated equipment would be used at the new site.

FIELD INTENSITY CONTOURS:

Fig. 2 also shows the proposed 1 v/m contour drawn on the aerial photograph.

Fig. 3 is a map showing: (1) the proposed site; (2) the proposed 1 v/m contour; (3) the KPNG studio location; (4) the location of other stations in the area; & (5) the character of the area.

Fig. 4 is a map showing the present & proposed 25 mv/m contour, and also the location of other stations in the area not shown on Fig. 3.

Fig. 5 is an aero chart showing the present & proposed site locations.

Fig. 6 is a sketch of the vertical plan of the antennas.

Fig. 7 is a copy of an acknowledgment from the FAA approving the tower height at the new site.

The 5, 2 & 0.5 mv/m contours would not be substantially changed and are, therefore, not shown herein as maps showing these contours are on file with the FCC.

All field intensity contours shown herein were determined by the use of the FCC Ground-Wave Field Intensity versus Distance Curves in accordance with the equivalent distance method described in the Standards.

The soil conductivity values were taken from Fig. M-3 of the FCC Standards which shows 30 mmhos/m at the two sites and are indicated on Figs. 3 & 4, herein.

POPULATIONS AND AREAS:

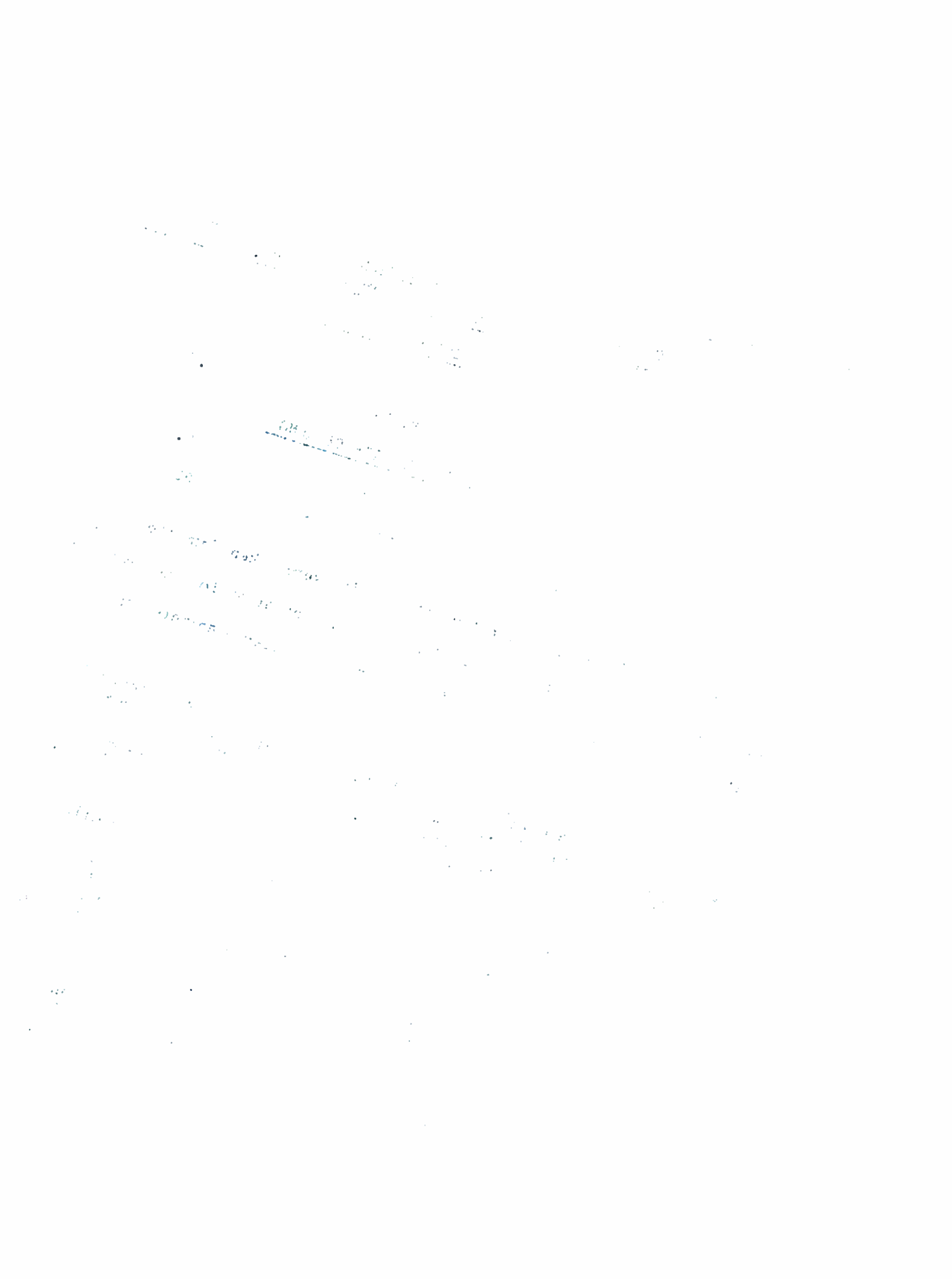
CONTOUR mv/m	POPULATION Number of Persons	AREA Sq. Miles of Land
	PRESENT SITE OF KPNG	
1000	3	0.05
25	18,954	52.7
	PROPOSED SITE OF KPNG	
1000	10	0.05
25	52,742	66

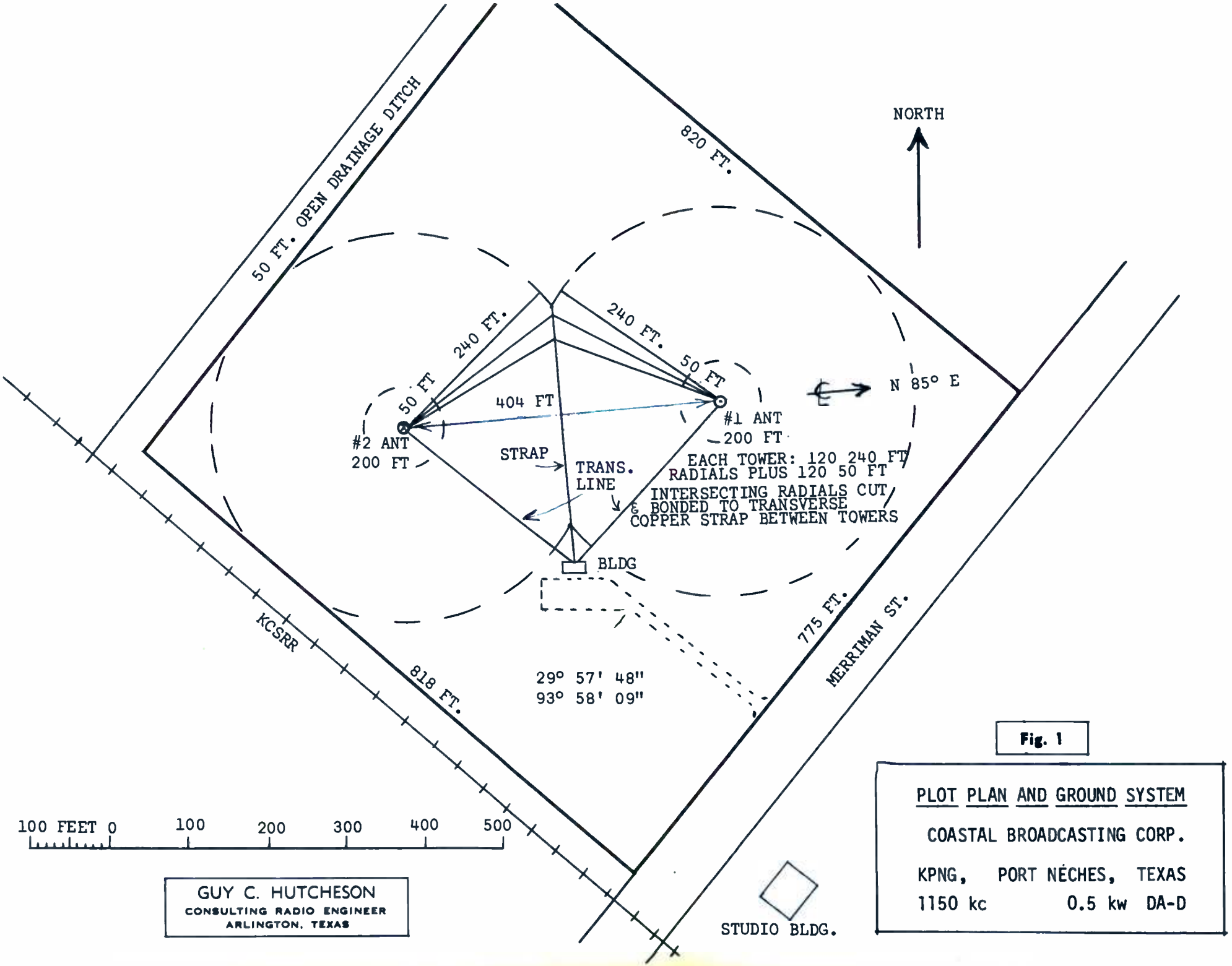
The areas listed above for the present site were taken from the original application of KPNG on file with the FCC. The areas for the proposed site were determined by the use of a compensating polar planimeter on the original maps of this report.

The population figure for the 1000 mv/m contour at the present site was taken from the original application, and for the 1000 mv/m contour at the proposed site, the figure was determined by counting the number of dwelling units and using a factor of 3.3 which is the median number of persons per dwelling unit for Jefferson County according to the 1960 U. S. Census.

The population figures for the 25 mv/m contours were determined by counts of minor civil divisions based upon the U. S. Census of Population for 1960 (1970 population figures are available but we have been unable to obtain new minor civil division maps), and made in accordance with the procedure set forth in the FCC Standards. Where a contour cut a minor civil division, the population was counted in proportion to the estimated area of the division within that contour, assuming a uniform distribution of population within the division except for cities and towns.

Population and area figures for the 5, 2 & 0.5 mv/m contours would remain substantially unchanged for present and proposed operations of KPNG.





GUY C. HUTCHESON
CONSULTING RADIO ENGINEER
ARLINGTON, TEXAS

Fig. 1

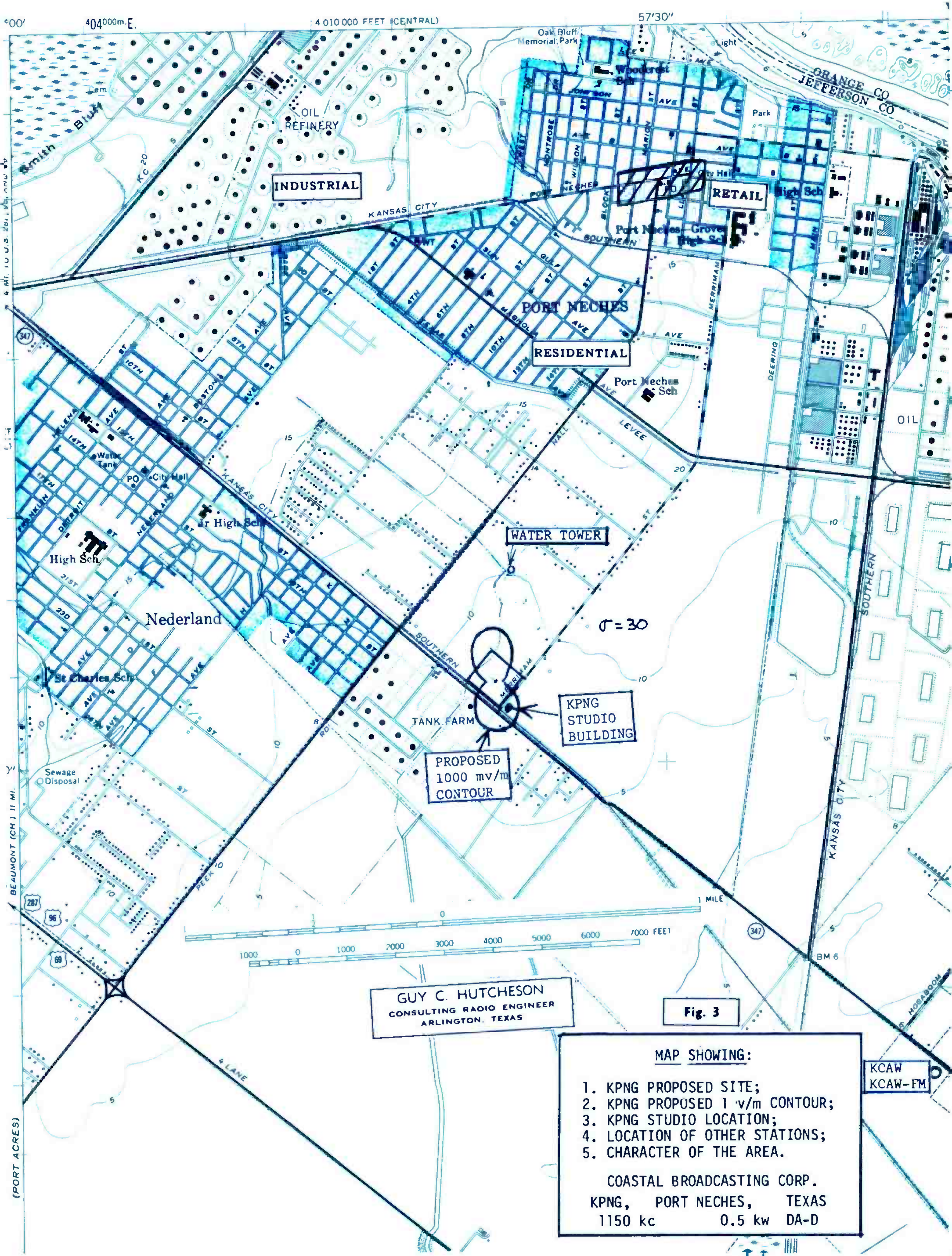
PLOT PLAN AND GROUND SYSTEM

COASTAL BROADCASTING CORP.

KPNG, PORT NECHES, TEXAS

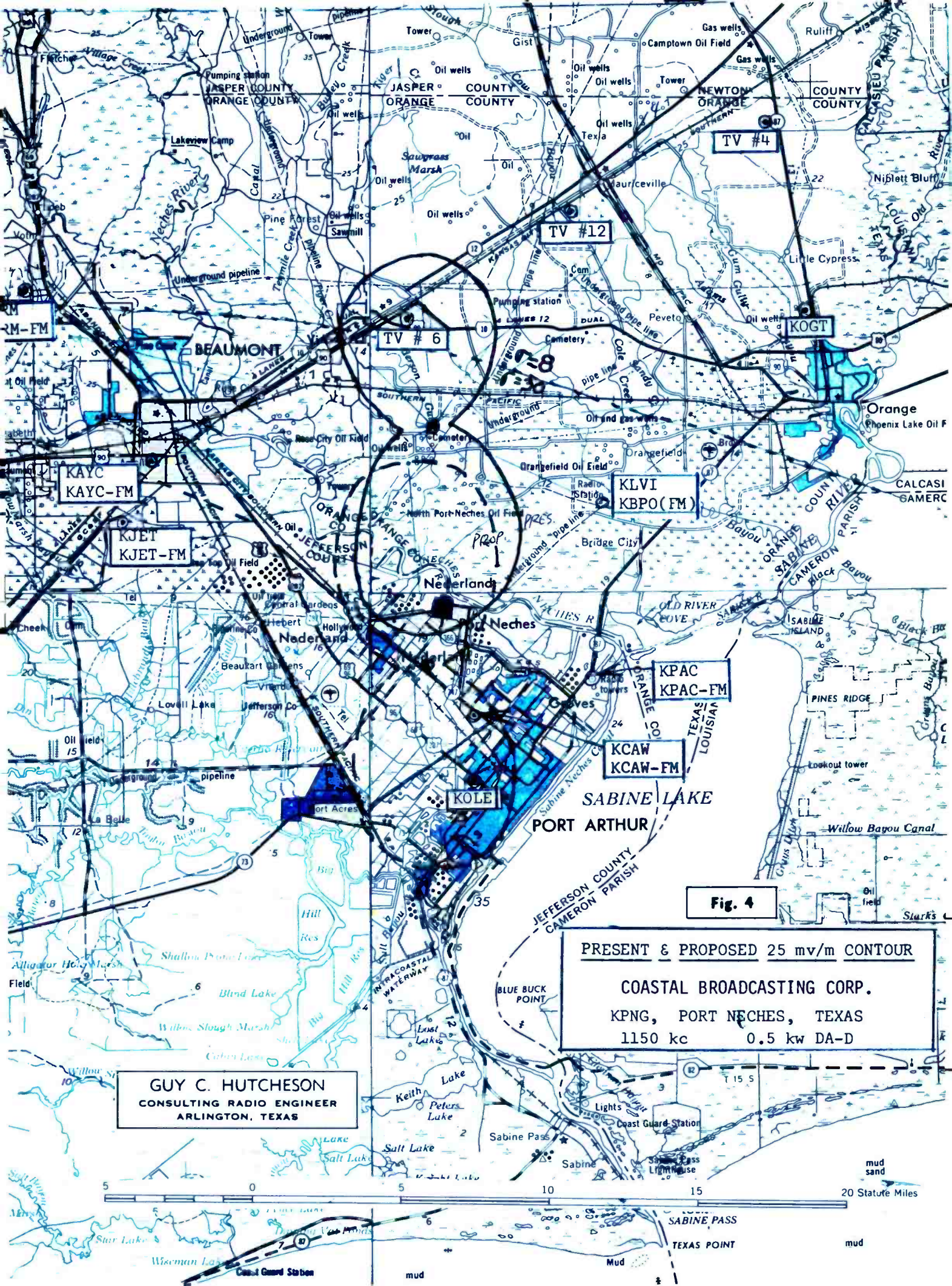
1150 kc 0.5 kw DA-D

Fig. 2



INDUSTRIAL
RETAIL
RESIDENTIAL
WATER TOWER
KPNG STUDIO BUILDING
PROPOSED 1000 mv/m CONTOUR
TANK FARM
σ = 30
OIL REFINERY
PORT NECHES
Nederland
Port Neches - Groves High Sch
Port Neches Sch
City Hall
High Sch
Jr High Sch
St Charles Sch
Sewage Disposal
ORANGE CO
JEFFERSON CO
Oak Bluff Memorial Park
Woodcrest Sch
KANSAS CITY SOUTHERN
404000m.E.
4 010 000 FEET (CENTRAL)
57'30"
1 MILE
7000 FEET
BM 6
BEAUMONT (CH) 11 MI.
(PORT ACRES)
4 LANE
KCAW
KCAW-FM
GUY C. HUTCHESON
CONSULTING RADIO ENGINEER
ARLINGTON, TEXAS
MAP SHOWING:
1. KPNG PROPOSED SITE;
2. KPNG PROPOSED 1 v/m CONTOUR;
3. KPNG STUDIO LOCATION;
4. LOCATION OF OTHER STATIONS;
5. CHARACTER OF THE AREA.
COASTAL BROADCASTING CORP.
KPNG, PORT NECHES, TEXAS
1150 kc 0.5 kw DA-D

Fig. 3


TV #4
TV #12
TV # 6
KOGT
KAYC
KAYC-FM
KJET
KJET-FM
KLVI
KBPO(FM)
KPAC
KPAC-FM
KCAW
KCAW-FM
KOLE
BEAUMONT
Orange
Nederland
Port Neches
Groves
PORT ARTHUR
SABINE LAKE
JASPER COUNTY
ORANGE COUNTY
JEFFERSON COUNTY
CAMERON PARISH
Fig. 4
PRESENT & PROPOSED 25 mv/m CONTOUR
COASTAL BROADCASTING CORP.
KPNG, PORT NECHES, TEXAS
1150 kc 0.5 kw DA-D
GUY C. HUTCHESON
CONSULTING RADIO ENGINEER
ARLINGTON, TEXAS
20 Statute Miles

ENGINEERING
EXHIBIT No. E2

COASTAL BROADCASTING CORP.

PROPOSED CHANGE OF TRANSMITTING SITE

KPNG, PORT NECHES, TEXAS

DATA PERTAINING TO SECTION V-G OF FCC FORM No. 301

FIG. 5: AERO CHART SHOWING PRESENT & PROPOSED SITES.

FIG. 6: VERTICAL PLAN SKETCH OF ANTENNAS.

FIG. 7: COPY OF FAA ACKNOWLEDGMENT.

Prepared by

GUY C. HUTCHESON

CONSULTING RADIO ENGINEER

ARLINGTON, TEXAS

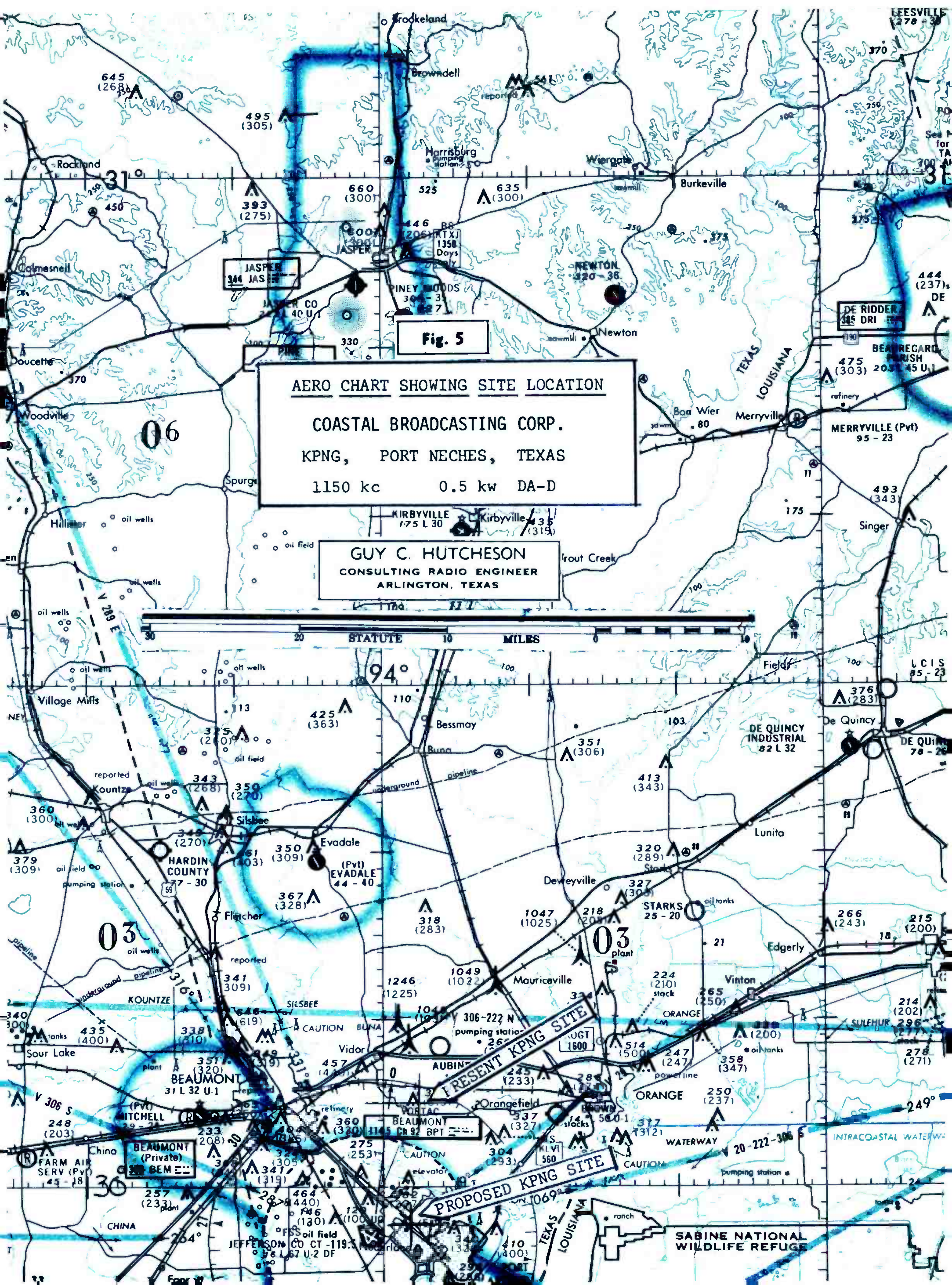
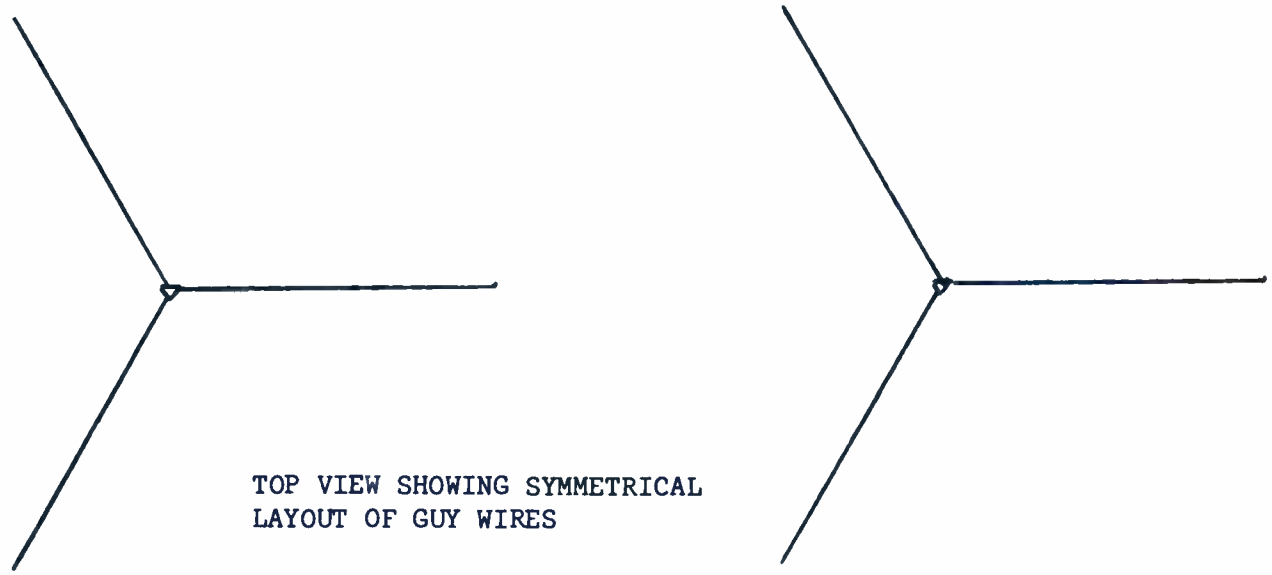


Fig. 5
AERO CHART SHOWING SITE LOCATION
COASTAL BROADCASTING CORP.
KPNG, PORT NECHES, TEXAS
1150 kc 0.5 kw DA-D
GUY C. HUTCHESON
CONSULTING RADIO ENGINEER
ARLINGTON, TEXAS
STATUTE MILES
30 20 10 0 10
PRESENT KPNG SITE
PROPOSED KPNG SITE
Brookeland
Browndell
Harrisburg
Rockland
Wiergate
Burkeville
JASPER
Colmesneil
Doucette
Woodville
Spurger
Newton
NEWTON
PINEY WOODS
Bon Wier
Merryville
MERRYVILLE (Pvt)
DE RIDDER
BEAUREGARD PARISH
KIRBYVILLE
Kirbyville
Trout Creek
Singer
Hillister
oil wells
oil field
V 289 E
Village Mills
Bessmay
Buna
De Quincy
DE QUINCY INDUSTRIAL
Fields
Kountze
Silsbee
Evadale
(Pvt) EVADALE
HARDIN COUNTY
Lunita
Starks
STARKS
Deweyville
Fletcher
Mauriceville
Edgerly
Vinton
ORANGE
Sour Lake
BEAUMONT
Vidor
Orangefield
MITCHELL
China
BEAUMONT (Private)
FARM AIR SERV (Pvt)
CHINA
JEFFERSON CO
TEXAS
LOUISIANA
SABINE NATIONAL WILDLIFE REFUGE
INTRACOASTAL WATERWAY
V 306 S
V 20-222-306 S
SULPHUR
CAUTION
pumping station
refinery
pipeline
underground pipeline



TOP VIEW SHOWING SYMMETRICAL
LAYOUT OF GUY WIRES

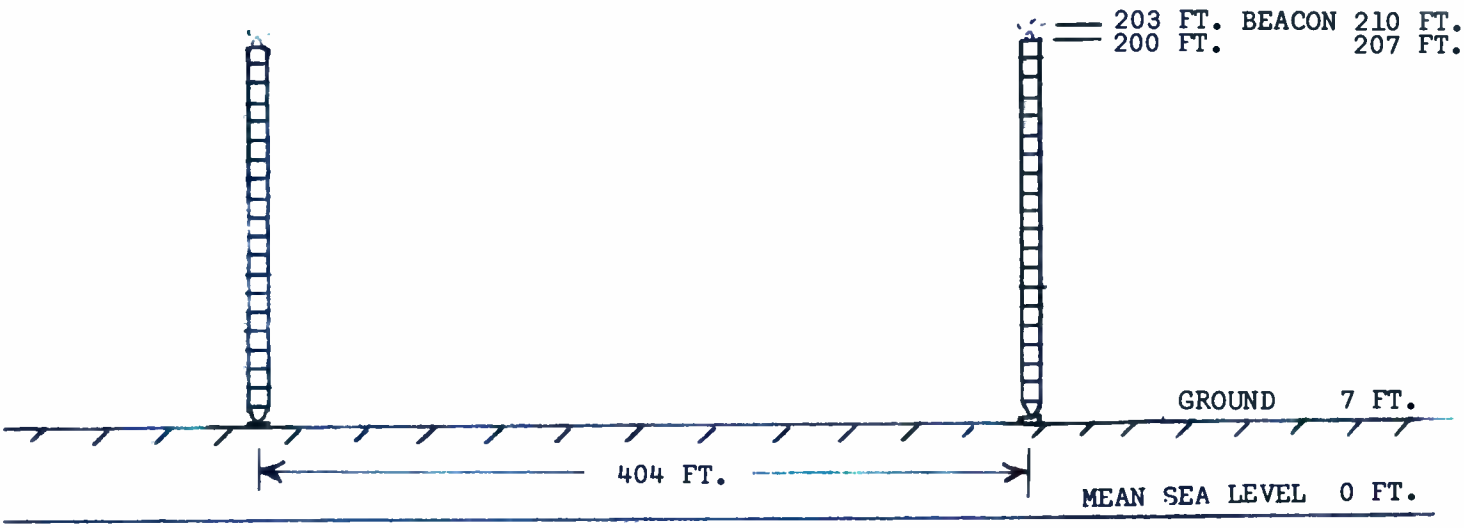


Fig. 6

VERTICAL PLAN SKETCH OF ANTENNAS

COASTAL BROADCASTING CORP.

KPNG, PORT NECHES, TEXAS

1150 kc 0.5 kw DA-D

GUY C. HUTCHESON
CONSULTING RADIO ENGINEER
ARLINGTON, TEXAS

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

SOUTHWEST REGION
Air Traffic Operations Branch
P. O. BOX 12638
8345 TELEPHONE ROAD
HOUSTON, TEXAS 77017

DATE:

IN REPLY REFER TO:

SUBJECT: Acknowledgement of Notice

PROPONENT:
STRUCTURE:

LOCATION: Place :
Latitude :
Longitude:

HEIGHT : Above Ground:
Above MSL :

A study conducted in accordance with Part 77, Federal Aviation Regulations, has resulted in a determination that the preceding proposal:

( ) would not exceed any standard of Subpart C and would not be a hazard to air navigation.

( ) should be marked and lighted in accordance with the standards in FAA's Obstruction Marking and Lighting Advisory Circular, AC No. 70/7460-1.

( ) requires supplemental notice to this office:

( ) at least 48 hours before start of construction or alteration;
( ) within five days after the construction or alteration reaches its greatest height;
( ) when temporary structure has been dismantled;
( ) Notice Form FAA 117-1 is enclosed.

( ) would exceed the standards of Subpart C, _____. Further study is necessary to determine whether the proposal would be a hazard to air navigation. Within 30 days of the above date, you may request further study; however, pending completion of such further study, it is presumed the proposal would be a hazard to air navigation. Please advise if an aeronautical study is required.

( ) THIS DETERMINATION EXPIRES 3/13/72 UNLESS APPLICATION IS MADE TO THE FCC FOR A CONSTRUCTION PERMIT BEFORE THAT DATE OR IS OTHERWISE REVISED, TERMINATED OR EXTENDED. REQUEST FOR EXTENSION OF EFFECTIVE PERIOD SHOULD BE SUBMITTED BY PROPONENT/SPONSOR 15 DAYS PRIOR TO EXPIRATION DATE.

Lewis E. Enochs

LEWIS E. ENOCHS
Chief, Air Traffic Operations Branch (HOU), SW-580

Issued in Houston, Texas, on

Fig. 7

SW Form 7460-11 (5/71) Obsoletes previous editions.