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February 3, 1992

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LARRY D. SUMMERVILLE
BROADCAST ANALYST

ANDREW G. HALEY
(1904-1968)

Our File No.
0937-109-66

RECEIVED

FEB 3 - 1992

Ms. Donna R. Searcy
Secretary
Federal Communications Commission
Washington, D.C. 20554

Federal Communications Commission
Office of the Secretary

Reference: BEACH TV PROPERTIES, INC.
(NEW), Channel 46-TV
Panama City Beach, FL
File No. BPCT-910815KE

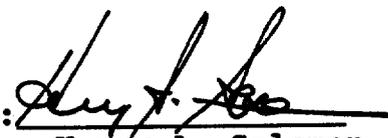
MINOR AMENDMENT

Dear Ms. Searcy:

We submit an original and two copies of a MINOR amendment to the referenced application for a new commercial television station at Panama City Beach, Florida. The amendment changes the antenna location.

If there are any questions in regard to this matter, kindly communicate directly with this office.

Respectfully submitted,
BEACH TV PROPERTIES, INC.

By: 
Henry A. Solomon
Its Attorney

HAS:dh
Enclosure

cc: Public Inspection File
Messrs. Koerner & Stone (w/encl.)

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Federal Communications Commission
Office of the Secretary

AMENDMENT

File No. BPCT910815KE

The application for BEACH TV PROPERTIES, INC. for a new station on Channel 46, Panama City Beach, Florida, is hereby amended to supply the attached Sec. V-C and site certification.

Respectfully submitted,

BEACH TV PROPERTIES, INC.

By 

President

Dated: January 30, 1992

SITE CERTIFICATION

Applicant certifies that it has reasonable assurance in good faith that the antenna site proposed herein as the location of its transmitting antenna will be available to applicant for applicant's intended purpose. Applicant further certifies that it has obtained such reasonable assurance by contacting one of the owners of the site, Mr. Johnny Patronis, whose telephone number is (904) 234/2225.

<p>Section V-C - TV BROADCAST ENGINEERING DATA</p>	<p>FOR COMMISSION USE ONLY</p> <p>File No. <u>BPCT-910815KE</u></p> <p>ASB Referral Date _____</p> <p>Referred by _____</p>
---	---

<p>Name of Applicant</p> <p style="text-align: center;">BEACH TV PROPERTIES, INC.</p>	<p>Call letters (if issued)</p> <p style="text-align: center;">NW</p>
---	--

Purpose of Application (check appropriate box):

- | | |
|--|---|
| <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 nature of change(s) by checking appropriate box(es), and specify the file number(s) of the authorization(s) 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"/> Antenna system |
| <input type="checkbox"/> Main Studio location | <input type="checkbox"/> Other (Summarize briefly) |

File Number(s) _____

1. Allocation:

Channel No.	Offset <i>(check one)</i>	Principal community to be served:	Zone <i>(check one)</i>						
46	<input type="checkbox"/> Plus	<table style="width:100%; border-collapse: collapse;"> <tr> <th style="width:33%;">City</th> <th style="width:33%;">County</th> <th style="width:33%;">State</th> </tr> <tr> <td>Panama City Beach</td> <td>Bay</td> <td>FL</td> </tr> </table>	City	County	State	Panama City Beach	Bay	FL	<input type="checkbox"/> I
	City		County	State					
	Panama City Beach		Bay	FL					
<input type="checkbox"/> Minus	<input type="checkbox"/> II								
<input checked="" type="checkbox"/> Zero	<input checked="" type="checkbox"/> III								

2. Exact location of antenna:

- (a) Specify address, town or city, county and state. If no address, specify distance and bearing to the nearest landmark.
 1.25 miles South of U. S. Highway 98 West, 0.4 miles West of Thomas Drive.
- (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 and West Longitude will be presumed.

Latitude	✓ 30°	10'	10"	Longitude	85°	45'	51"
----------	-------	-----	-----	-----------	-----	-----	-----

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. N/A

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. N/A

SECTION V-C - TV BROADCAST ENGINEERING DATA (Page 3)

10. Antenna:

(a) Manufacturer Bogner (b) Model No. BU (A) 24

(c) Is a directional antenna proposed?

Yes No

If Yes, specify major lobe azimuth(s) 45 degrees True and attach as an Exhibit all data specified in 47 C.F.R. Section 73.685.

Exhibit No.
C

(d) Is electrical beam tilt proposed?

Yes No

If Yes, specify -1/2 degrees electrical beam tilt and attach as an Exhibit all data specified in 47 C.F.R. Section 73.685.

Exhibit No.
C

(e) Is mechanical beam tilt proposed?

Yes No

If Yes, specify _____ degrees mechanical beam tilt toward azimuth _____ degrees True and attach as an Exhibit all data specified in 47 C.F.R. Section 73.685.

Exhibit No.
N/A

(f) The proposed antenna is: (check only one box)

horizontally polarized circularly polarized elliptically polarized

11. Will the proposed facility satisfy the requirements of 47 C.F.R. Sections 73.685(a) and (b)?

Yes No

If No, attach as an Exhibit justification therefor, including amounts and percentages of population and area that will not receive City Grade service.

Exhibit No.
N/A

12. Will the main studio be located within the station's predicted principal community contour as defined by 47 C.F.R. Section 73.685(a)?

Yes No

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

Exhibit No.
N/A

13. Does the proposed facility satisfy the requirement of 47 C.F.R. Section 73.610?

Yes No

If No, attach as an Exhibit justification therefor, including a summary of any previously granted waiver(s).

Exhibit No.
N/A

14. Are there: (a) within 50 meters of the proposed antenna, any proposed or authorized FM or TV transmitters; or (b) in the general vicinity, any nonbroadcast (except citizens band or amateur) radio stations or any established commercial or government receiving stations?

Yes No

If Yes, attach as an Exhibit a description of the 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 intermodulation) to facilities in existence or authorized prior to grant of this application. (See 47 C.F.R. Sections 73.685(d) and (g).)

Exhibit No.
N/A

15. Attach as an Exhibit a topographic map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the provisions of 47 C.F.R. Section 73.684(g). The map must further display clearly and legibly 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.
D

SECTION V-C - TV BROADCAST ENGINEERING DATA (Page 4)

16. Attach as an Exhibit a map (Sectional Aeronautical Chart or equivalent) 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

- (a) The proposed transmitter location, and the radials along which profile graphs have been prepared;
- (b) The City Grade, Grade A and Grade B predicted contours; and
- (c) The legal boundaries of the principal community to be served.

17. Specify area in square kilometers (1 sq. ml. = 259 sq. km.) and population (latest census) within the predicted Grade B contour. See Exhibit F

Area 12414.6 sq. km. Population 157,772

18. 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:

Exhibit No.
N/A

- (a) The proposed auxiliary Grade B contour; and
- (b) The Grade B contour of the licensed main facility for which the applied-for facility will be the auxiliary.

(Main facility license file number _____)

19. Terrain and Coverage Data (To be calculated in accordance with 47 C.F.R. Section 73.694.)

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

- Linearly interpolated 60-second database (Source: NGDC-Dataworld)
- 7.5 minute topographic map
- Other (briefly summarize)

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 16 km (meters)	Predicted Distances		
		To the City Grade Contour (kilometers)	To the Grade A Contour (kilometers)	To the Grade B Contour (kilometers)
*				
0				
45				
90	PLEASE SEE Table in Exhibit E, Page 4 for			
135	Relevant Calculations.			
180				
225				
270				
315				

*Radial through principal community, if not one of the major radials. This radial should NOT be included in calculation of HAAT.

SECTION V-C - TV BROADCAST ENGINEERING DATA (Page 5)

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

Would a Commission grant of this application come within 47 C.F.R. Section 1.1307, such that it may have a significant environmental impact?

Yes No

If you answer Yes, submit as an Exhibit an Environmental Assessment required by 47 C.F.R. Section 1.1811.

Exhibit No.

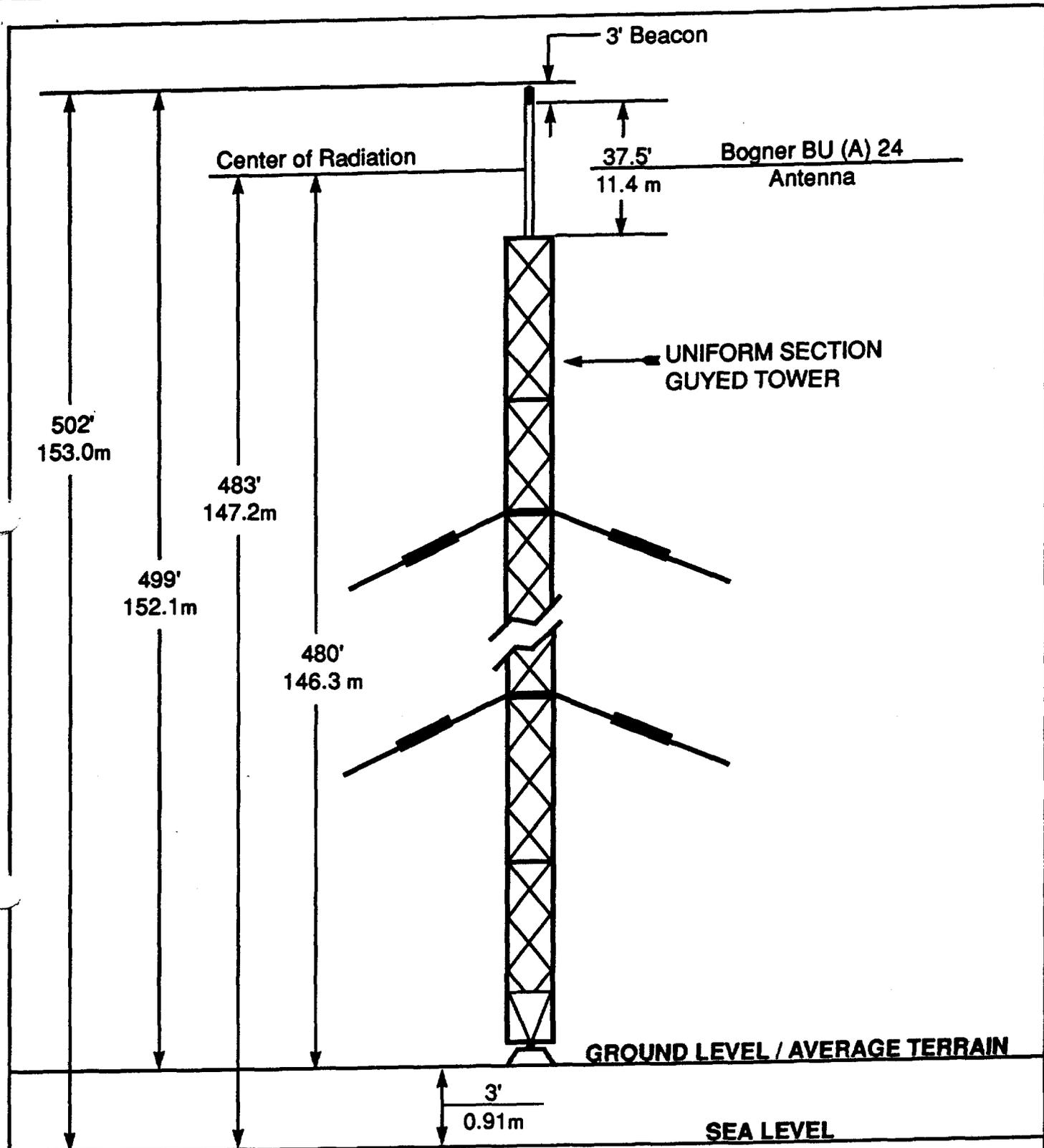
If No, explain briefly why not.

The tower site selected by the applicant is not in violation of local zoning ordinances and there is no local controversy, surrounding the erection of a transmitting tower if the applicant is granted a construction permit. The proposed tower will have only a minor impact on the local area with no impact on flora, fauna and flyways due to the fact that pavement is already in place. Also, there will be no effect on anything of historical significance.

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) Michael E. Zielinski	Relationship to Applicant (e.g., Consulting Engineer) Consulting Engineer
Signature <i>Michael E. Zielinski</i>	Address (Include ZIP Code) P. O. Box 9556 Panama City Beach, FL 32407
Date 1/29/92	Telephone No. (Include Area Code) (904) 234-2773



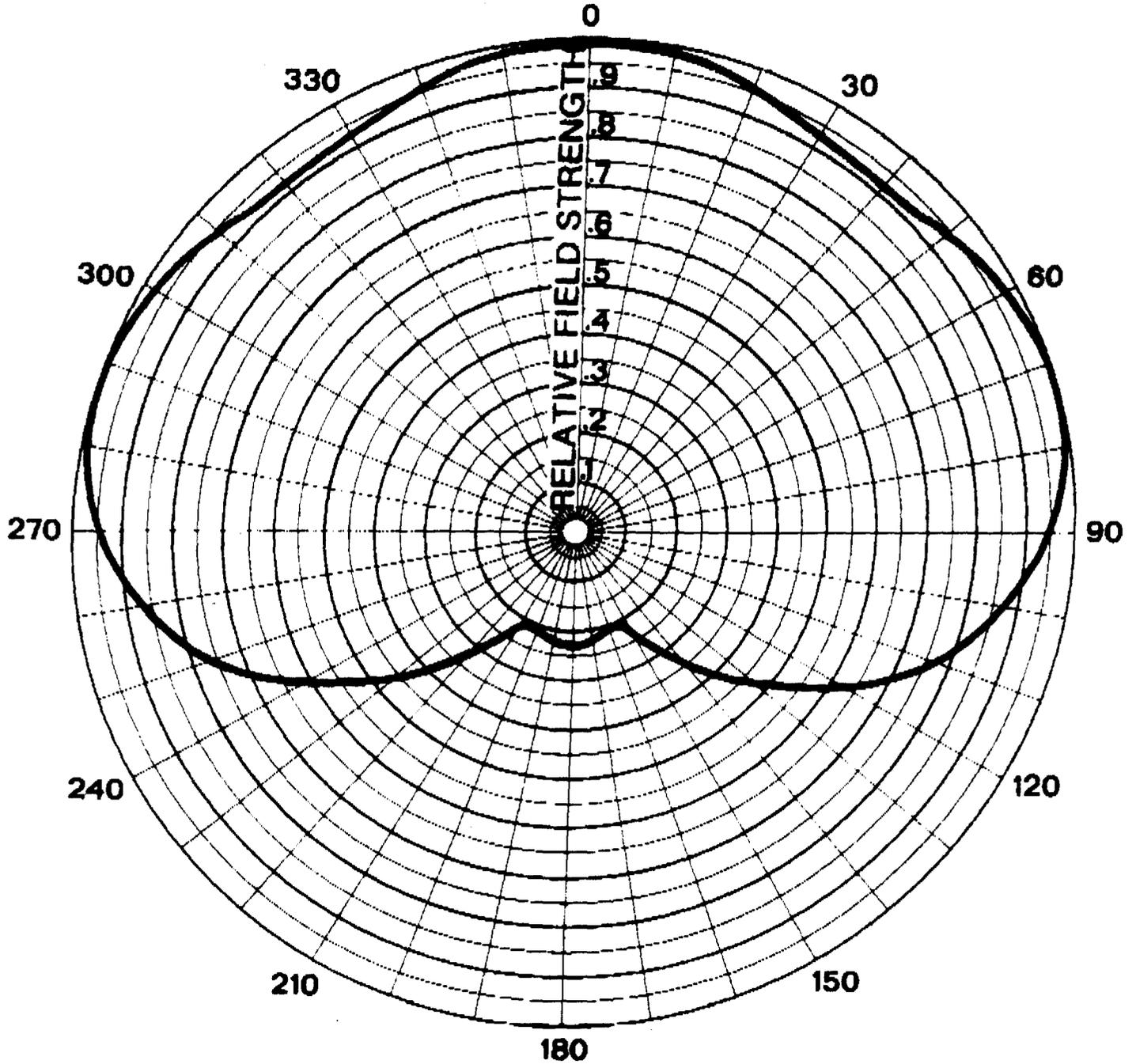
BEACH TV PROPERTIES, INC.
Proposed CH.46 Tower
Panama City Beach, FL.

Drawing not to Scale
By: Michael Zielinski

BOGNER
ANTENNAS

HORIZONTAL
PLANE
PATTERN

**PATTERN A - 220° COVERAGE
LOW AND MEDIUM POWER
ANTENNAS - CATALOG 301**



Bogner Broadcast Equipment Corp.
401 Railroad Avenue, Westbury, N.Y. 11590
Tel: (516) 997-7800

Bogner Broadcast Equipment Corp.
401 Railroad Avenue, Westbury, N.Y. 11590
Tel: (516) 997-7800

BOGNER[®]

**UHF high power antennas
B series, catalog 201**

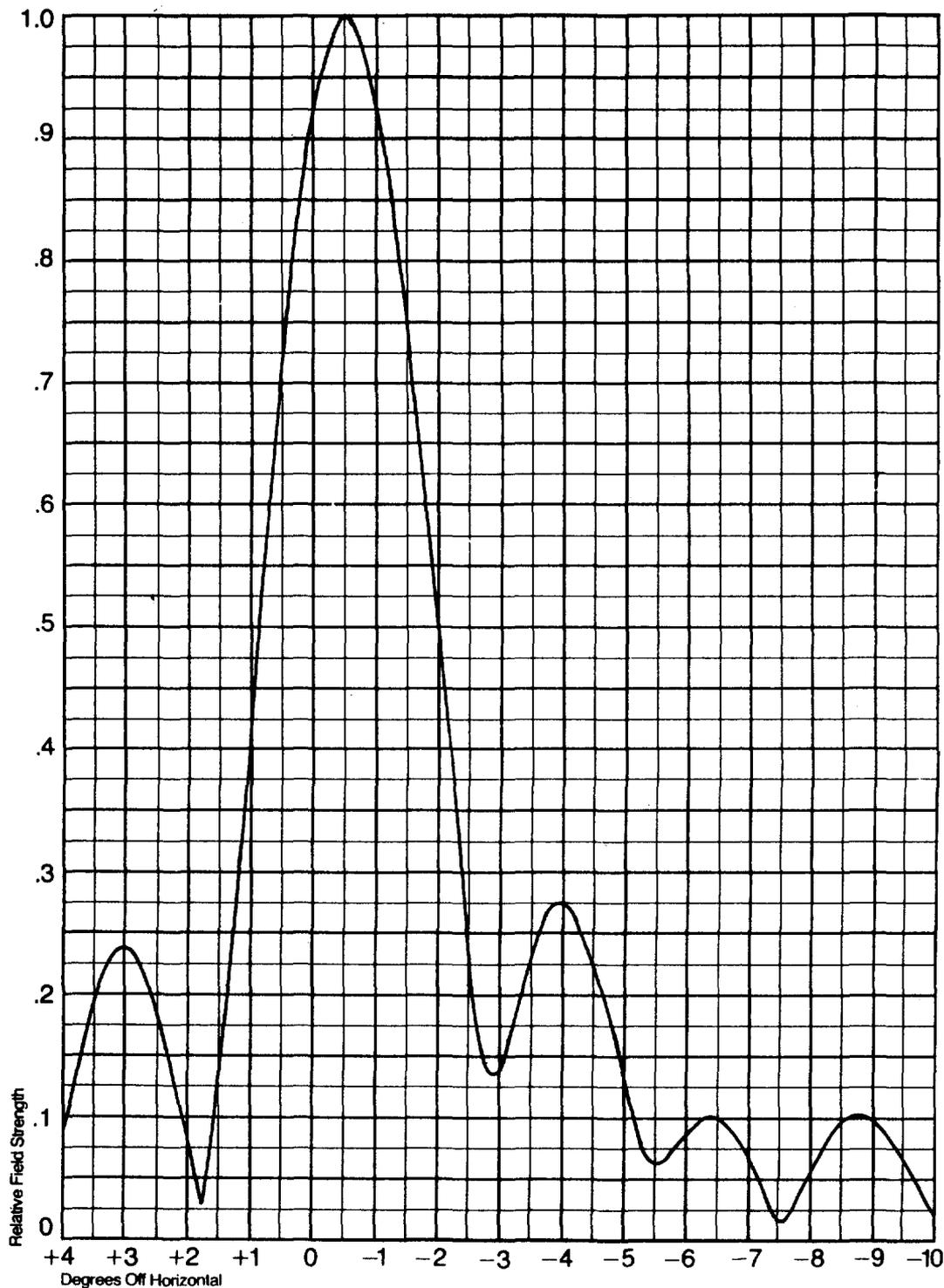
**Calculated vertical
plane pattern**

Model BU()24

Power Gain: 26.5 (14.2 dB)

Hor. Gain: 22.5 (13.5 dB)

- 1/2° Electrical Beam tilt



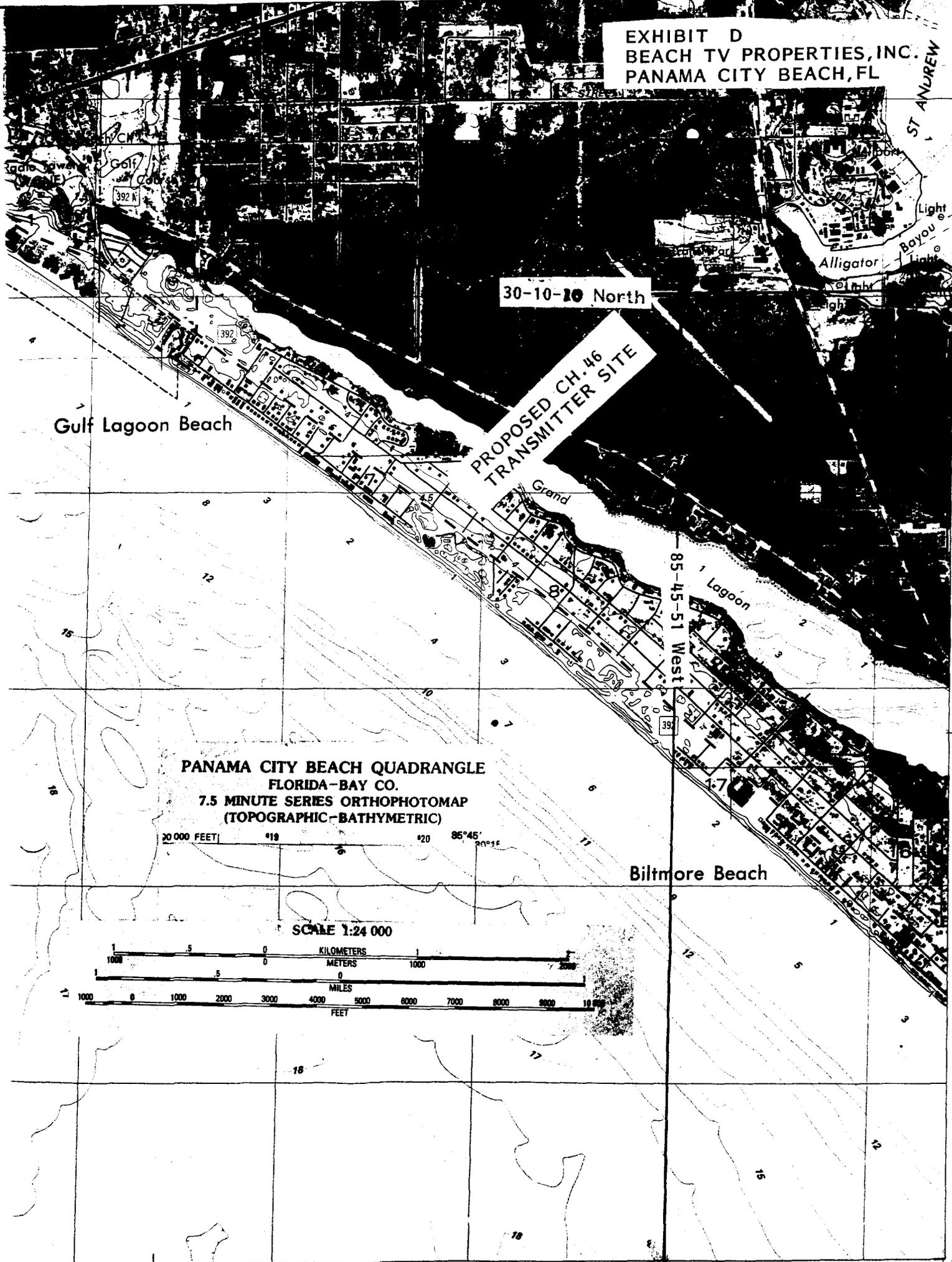
**BOGNER BROADCAST
EQUIPMENT CO.**
RELATIVE FIELD STRENGTHS

ANGLE	A	B	C	D	E	F	G	H	LPS
0	1.00	1.00	1.00	1.00	.38	.25	.36	.36	1.00
±10	.98	.98	.96	.95	.44	.27	.39	.39	.99
±20	.96	.95	.92	.79	.66	.37	.39	.39	.98
±30	.93	.96	.82	.50	.86	.56	.40	.38	.94
±40	.93	.98	.66	.29	.98	.79	.51	.36	.90
±50	.94	.97	.50	.22	.98	.95	.79	.43	.86
±60	.97	.89	.35	.21	.92	1.00	.93	.62	.80
±70	.99	.72	.27	.23	.81	.96	.99	.83	.74
±80	.98	.52	.22	.26	.67	.86	.98	.96	.68
±90	.95	.33	.19	.27	.52	.73	.89	1.00	.62
±100	.87	.24	.18	.26	.38	.56	.69	.96	.58
±110	.77	.24	.18	.25	.27	.35	.51	.80	.56
±120	.63	.23	.19	.22	.20	.23	.37	.60	.54
±130	.47	.21	.21	.21	.18	.19	.27	.40	.54
±140	.35	.20	.23	.21	.18	.18	.20	.29	.54
±150	.23	.21	.26	.23	.20	.20	.18	.08	.55
±160	.21	.22	.27	.24	.22	.22	.19	.20	.56
±170	.22	.24	.28	.24	.25	.25	.20	.20	.56
180	.23	.25	.29	.24	.28	.28	.21	.21	.56

Above tabulations to be used for medium power UHF, LPTV, translators, VHF high band, and IFS/MMDS applications.

Letters in column headings designate standard horizontal radiation patterns illustrated in catalogs 301C, 302 and 303.

EXHIBIT D
BEACH TV PROPERTIES, INC.
PANAMA CITY BEACH, FL



30-10-10 North

PROPOSED CH. 46
TRANSMITTER SITE

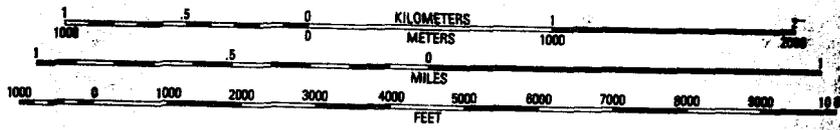
Gulf Lagoon Beach

Biltmore Beach

PANAMA CITY BEACH QUADRANGLE
FLORIDA-BAY CO.
7.5 MINUTE SERIES ORTHOPHOTOMAP
(TOPOGRAPHIC-BATHYMETRIC)

30 000 FEET 19 20 85°45'

SCALE 1:24 000

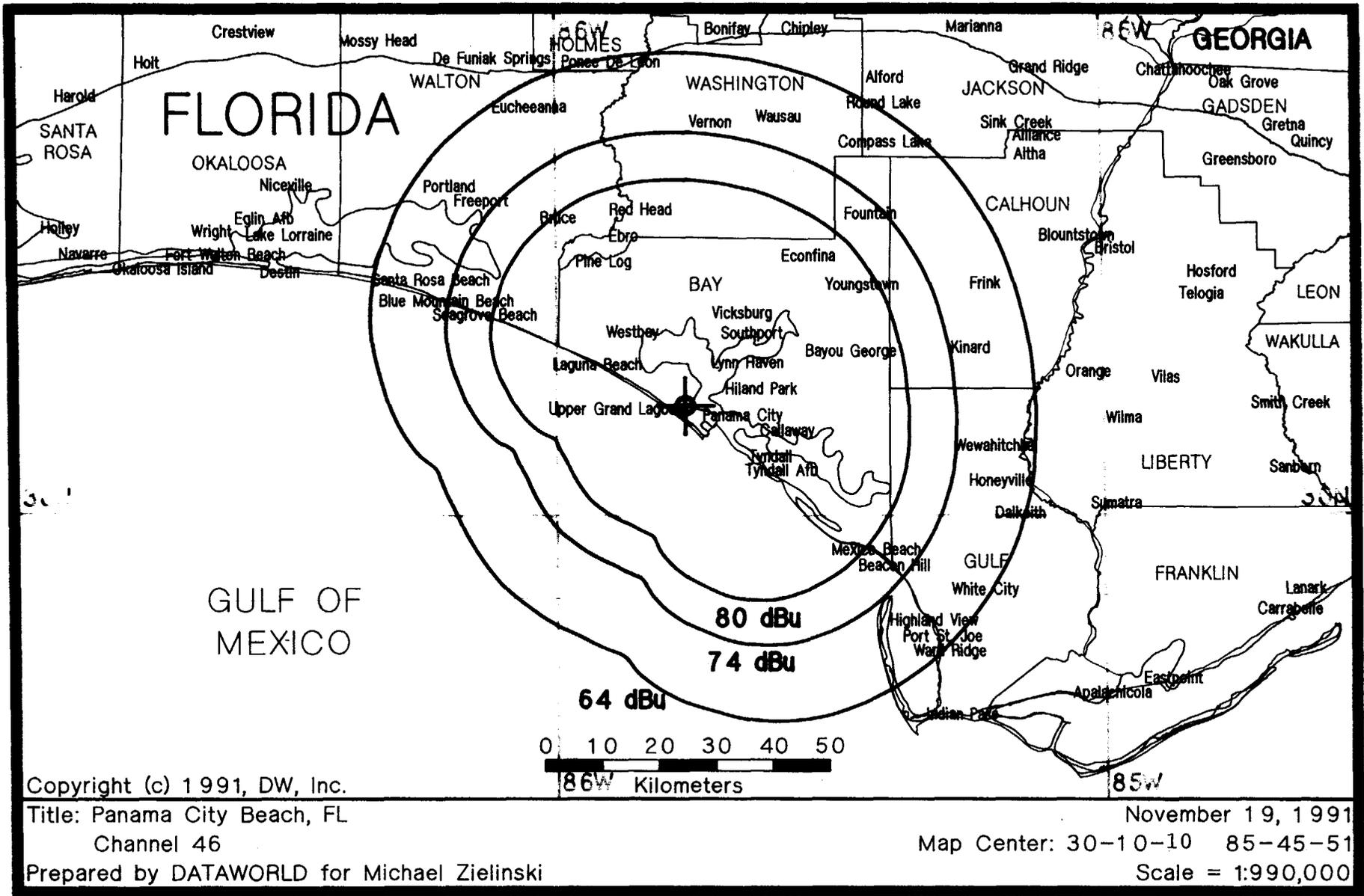


3339
T 3 S
T 4 S
3338
10'
3337
3336
Meters
3335
33340000N
30°07'31"

INTERIOR GEOLOGICAL SURVEY, RESTON, VIRGINIA - 1984
19 20 85°45'

ROAD CLASSIFICATION

IBEA 3



Copyright (c) 1991, DW, Inc.

Title: Panama City Beach, FL
Channel 46

Prepared by DATAWORLD for Michael Zielinski

November 19, 1991

Map Center: 30-10-10 85-45-51

Scale = 1:990,000

NEW ORLEANS
SECTIONAL AERONAUTICAL CHART
SCALE 1:500,000
Lambert Conformal Conic Projection Standard Parallels 25°20' and 30°40'
Horizontal Datum: North American Datum of 1927
Topographic data corrected to March 1981

48TH EDITION June 27, 1991

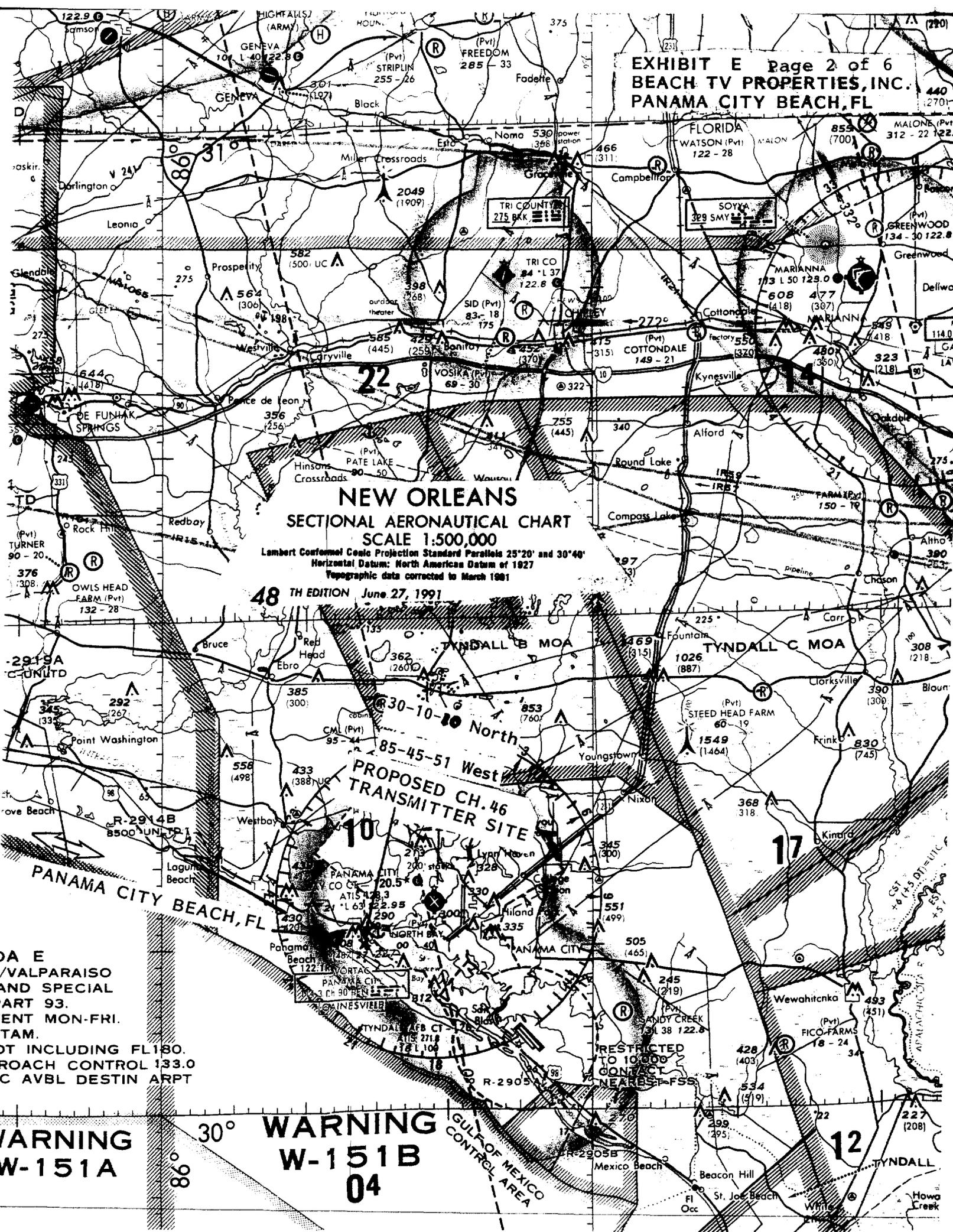
PROPOSED CH. 46
TRANSMITTER SITE

JA E
VALPARAISO
AND SPECIAL
PART 93.
TENT MON-FRI.
OTAM.
OT INCLUDING FL180.
ROACH CONTROL 133.0
/C AVBL DESTIN ARPT

WARNING
W-151A

WARNING
W-151B
04

GULF OF MEXICO
CONTROL AREA



MICHAEL E. ZIELINSKI
PANAMA CITY BEACH, FL

January 23, 1992

Service contours based on FCC F(50,50) curves

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Job Title: PANAMA CITY BEACH, FL

Channel: 46

Coordinates: 30-10-10 85-45-51.

Service contours based on FCC f[50,50] curves.

----- Selected field strengths -----
dBu mV/m dBu mV/m dBu mV/m
80.0 10.000 74.0 5.012 64.0 1.585

----- Radial Information -----
NO. BEARING HAAT-ft HAAT-Meters ERP-dBk ERP-kW
1 .000 482.940 147.200 33.341 2157.972
2 45.000 482.940 147.200 33.341 2157.972
3 90.000 470.144 143.300 33.341 2157.972
4 135.000 482.940 147.200 33.341 2157.972
5 180.000 482.940 147.200 33.341 2157.972
6 225.000 482.940 147.200 33.341 2157.972
7 270.000 482.940 147.200 33.341 2157.972
8 277.600 482.940 147.200 33.341 2157.972
 315.000 482.283 147.000 33.341 2157.972

MICHAEL E. ZIELINSKI
PANAMA CITY BEACH, FL

January 23, 1992

Service contours based on FCC F(50,50) curves

Title: PANAMA CITY BEACH, FL Latitude: 30-10-10
Channel: 46 C/R 147.2 meters (482.9 feet) A.M.S.L. Longitude: 85-45-51

Bearing (degrees)	HAAT (meters) (feet)	ERP (kW) (dBk)	Depression angle (degrees)	80 dBu (10 mV/m) contour	74 dBu (5.01 mV/m) contour	64 dBu (1.58 mV/m) contour
.0	147.2 482.9	2158 33.34	.336	40.6 km 25.2 mi	48.9 km 30.4 mi	62.9 km 39.1 mi
45.0	147.2 482.9	2158 33.34	.336	40.6 km 25.2 mi	48.9 km 30.4 mi	62.9 km 39.1 mi
90.0	143.3 470.1	2158 33.34	.332	40.3 km 25.0 mi	48.6 km 30.2 mi	62.6 km 38.9 mi
135.0	147.2 482.9	2158 33.34	.336	40.6 km 25.2 mi	48.9 km 30.4 mi	62.9 km 39.1 mi
180.0	147.2 482.9	2158 33.34	.336	40.6 km 25.2 mi	48.9 km 30.4 mi	62.9 km 39.1 mi
225.0	147.2 482.9	2158 33.34	.336	40.6 km 25.2 mi	48.9 km 30.4 mi	62.9 km 39.1 mi
270.0	147.2 482.9	2158 33.34	.336	40.6 km 25.2 mi	48.9 km 30.4 mi	62.9 km 39.1 mi
* 277.6	147.2 482.9	2158 33.34	.336	40.6 km 25.2 mi	48.9 km 30.4 mi	62.9 km 39.1 mi
315.0	147.0 482.3	2158 33.34	.336	40.6 km 25.2 mi	48.9 km 30.4 mi	62.9 km 39.1 mi
HAAT: 146.7 481.3						

Note: Radial(s) denoted by "*" not included in HAAT calculation.

MICHAEL E. ZIELINSKI
PANAMA CITY BEACH, FL

January 23, 1992

Terrain Elevation Retrieval Program

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Job Title: PANAMA CITY BEACH, FL

Coordinates: 30-10-10 85-45-51

earing(s) selected:

.0 45.0 90.0 135.0 180.0 225.0 270.0 277.6 315.0

Terrain will be averaged from 3.2 to 16.1 kilometers.

Center of radiation above mean sea level: 147.2 m

MICHAEL E. ZIELINSKI
PANAMA CITY BEACH, FL

January 23, 1992

Terrain Averages from NGDC 30-second Topographic database

Job Title: PANAMA CITY BEACH, FL
Center of Radiation 147.2 m (482.9 ft) A.M.S.L.

Latitude: 30-10-10
Longitude: 85-45-51

Bearing (Degrees true)	3.2 to 16.1 kilometer average terrain elevation		Height above average terrain	
	(meters)	(feet)	(meters)	(feet)
.0	.0	.0	147.2	482.9
45.0	.0	.0	147.2	482.9
90.0	3.9	12.8	143.3	470.1
135.0	.0	.0	147.2	482.9
180.0	.0	.0	147.2	482.9
225.0	.0	.0	147.2	482.9
270.0	.0	.0	147.2	482.9
* 277.6	.0	.0	147.2	482.9
315.0	.2	.7	147.0	482.3
Average:	.5	1.6	146.7	481.3
* = Radial not included in average				
Average (9) radials:	.5	1.6	146.7	481.3
Average (12) radials:	.7	2.3	146.5	480.6
Average (18) radials:	.5	1.6	146.7	481.3
Average (24) radials:	.6	2.0	146.6	481.0
Average (36) radials:	.5	1.6	146.7	481.3
Average (72) radials:	.5	1.6	146.7	481.3

Population Within Coverage Area

Title: PANAMA CITY BEACH, FL #2

Latitude: 30-10-10
Longitude: 85-45-51

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#1
60 dBu
(GRADE B)

bear.	Dist.
(deg)	(km)
.0	62.9
45.0	62.9
90.0	62.6
135.0	62.9
180.0	62.9
225.0	62.9
270.0	62.9
277.6	62.9
315.0	62.9

Listing frequency: Totals only.

1980 Census data totals will be included.

1986 Estimated Update totals will be included.

Dataworld
Bethesda, Maryland

January 23, 1992

Population within coverage area

Title: PANAMA CITY BEACH, FL #2

Coordinates: 30-10-10 85-45-51

60 dBu
(GRADE B)

Total Population (1980 Census): 124,758

Total Population (1986 Update): 152,620

Area (Square km): 12414.6

January 23, 1992

Dataworld
Bethesda, Maryland

Population count based on 1990 Census

Title: PANAMA CITY BEACH, FL #2

Coordinates: 30-10-10 85-45-51

60 dBu
(GRADE B)

Total Population (1990 Census):

157,772

Area (Square km):

12414.6