III. ASCERTAINMENT (Major changes only)

_____It is immediately obvious that the gain area is greater than 50%.

_____It is immediately obvious that the gain area is less than 50%.

_____It is not immediately obvious whether the gain area is greater than or less than 50%.

IV. INTERFERENCE AND SPACING PROBLEMS:

V. ADDITIONAL COMMENTS (ENGINEERING): Attach DA conditions.

Pending Check (date, initials)

Rodney P. Conway
Signature of Engineer, date

Signature of Attorney/Analyst, date

Signature of Accountant, date

A7 - Number of radials where a HAAT less than 30 meters was adjusted to 30 meters.

ENVIRONMENTAL IMPACT

1. This proposal may have a significant environmental impact as defined by § 1.1307 because:
   ___located in an officially designated wilderness area
   ___located in an officially designated wildlife preserve
   ___will affect districts, sites, buildings, structures or objects significant in American history, architecture, archeology or culture that are listed in the National Register of Historic Places or are eligible for listing
   ___facilities to be located in a floodplain
   ___facilities whose construction will involve significant change in surface features (e.g., wetland fill, deforestation or water diversion)
   ___towers and/or supporting structures in residential neighborhoods equipped with high intensity white lights
   ___facility or operation would cause exposure to workers and/or general public to levels of radio frequency radiation in excess of recommended Radio Frequency Protection Guides
   ___Miscellaneous "Safeguard" objections raised which warrant preparation of an Environmental Assessment.

2. This proposal is categorically excluded from environmental processing pursuant to 47 C.F.R. § 1.1306 because:
   ___Site location other than those listed in #1
   ___No high density lighting
   ___Radio frequency radiation nonexistent or within applicable safety standards

3. Environmental Assessment provided:
   ___description of facilities (incl. supporting structures & appurtenances)
   ___description of site and surrounding area & uses
   ___if high intensity lighting used in residential area, impact lighting will have on residents and description of any measures (ex: shielding by louvers) to minimize or eliminate
   ___zoning classification, if any, and any proceedings on environmental grounds
   ___evidence of approval obtained from local or federal land use authority
   ___construction (is/is not) source of controversy on environmental grounds in local community.
   ___environmental other factors leading to selection
   ___nature & extent of unavoidable adverse environmental effects and any alternate sites or facilities reasonably considered

4. Grant of this application (Will / Will Not) Have a significant effect on the quality of the human environment. Draft Environmental Impact Statement (Is / Is Not) attached.

(Page 7)

A7 - Number of radials where a HAAT less than 30 meters was adjusted to 30 meters.

TOWQRY

WELCOME TO THE ANTENNA SURVEY TOWER DATA QUERY.
YOU HAVE FOUR OPTIONS TO SELECT RECORDS. ALL
FOUR WILL GIVE YOU ALL THE RECORDS THAT MATCH.
IT IS YOUR OPTION TO PRINT ONLY THOSE RECORDS
YOU WANT OR ALL OF THEM.

YOU NOW MAY SELECT RECORDS FROM THE ANTENNA
SURVEY DATA BASE BY :

1 - LATITUDE AND LONGITUDE EX. - DDMMSS,DDDMMSS
OR - DDMM,DDDMM
2 - TOWER NUMBER EX. - 1 TO 6 DIGITS
3 - THE FIRST FIFTEEN CHARACTERS OF THE OWNER NAME
4 - OR A POINT/RADIUS BATCH SEARCH OF THE DATA BASE.

NONCOMMERCIAL EDUCATION FM SPECIFICATION SHEET

II. File No.: BPED-900905ML Call sign: New

Applicant: Beacon Broadcasting Corporation

Station Location: Allentown, PA

Frequency: 89.3 MHz Class: A

Transmitter output power: As required to achieve authorized effective radiated power.

Effective Radiated Power: 0.150 kW (horizontal)
0.145 kW (vertical)

Antenna height above average terrain: 245 meters (horizontal)
245 meters (vertical)

North Latitude: 40 o 33 ' 54 "

West Longitude: 075 o 26 ' 26 "

Antenna System: As required to achieve authorized effective radiated power and height above average terrain.

Radiation Center Above Mean Sea Leval: 396.4 meters (horizontal)

396.4 meters (vertical)

Radiation Center Above Ground: 113 meters (horizontal)

113 meters (vertical)

Overall Height Above Ground: 204 meters (with obstruction lighting)

Transmitter Location: Southside of East Rock Road, 1.25 Km ENE of Intersection between 3rd lane and East Rock Road, Lehigh County, PA.

Transmitter(s): Type-approved, or comply with Section 73.1660 of FCC Rules.

Obstruction marking specifications in accordance with paragraphs _____ of FCC Form 715.

Conditions:

Form BC-246 (Page 2)
August 1982

A7 - Number of radials where a HAAT less than 30 meters was adjusted to 30 meters.

COORDINATES WORKSHEET

LENGTH LINE A 11,82

LENGTH LINE B 19,41

LENGTH LINE C 6,41

LENGTH LINE D 14,93

E = (LENGTH LINE B 2 ' 30 ") = 150

(IN SECONDS) = 150

F = (LENGTH LINE D 2 ' 30 ") = 150

(IN SECONDS) = 150

LATITUDE CALCULATION

$\left(\frac{A}{B}\right) \times E$ = 91

a.) If greater than 60 subtract 60 31 +1

b.) If still greater than 60 subtract another 60 --------

c.) If less than 60 put value here --------

REFERENCE 40 ° 32 ' 30 "

+ ABOVE 00 ° 01 ' 31 "

ANSWER 40 ° 34 ' 01 "

LONGITUDE CALCULATIONS

$\left(\frac{C}{D}\right) \times F$ = 65

a.) If greater than 60 subtract 60 05 +1

b.) If still greater than 60 subtract another 60 --------

c.) if less than 60 put value here --------

REFERENCE 075 ° 25 ' 00 "

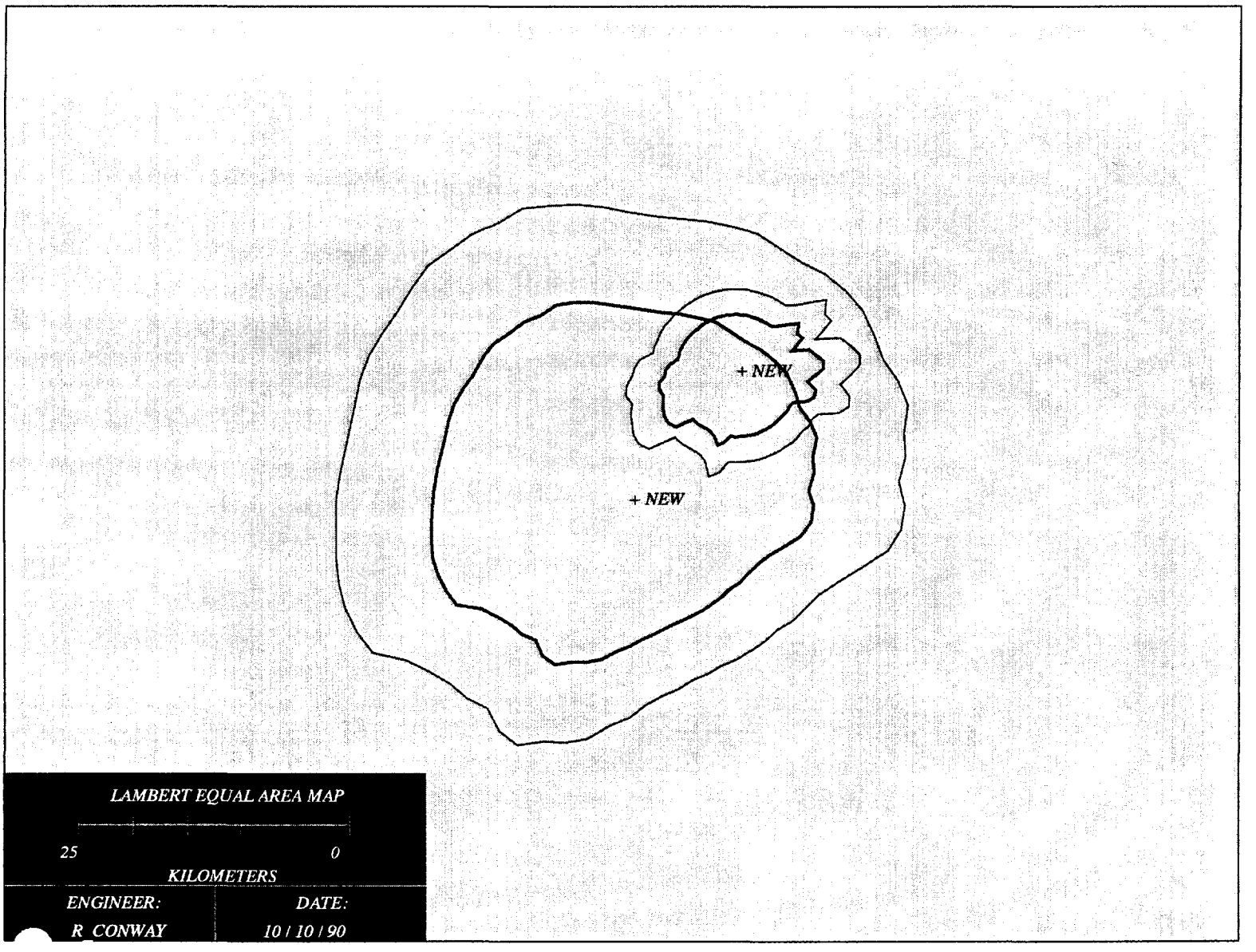
+ ABOVE 000 ° 01 ' 05 "

ANSWER 075 ° 26 ' 05 "

CONVERSIONS:

1' = 60" 2'30" = 2.5' 2'30" = 150" 5' = 300" 1° = 60' 2° = 120'

A7 - *Number of radials where a HAAT less than 30 meters was adjusted to 30 meters.*

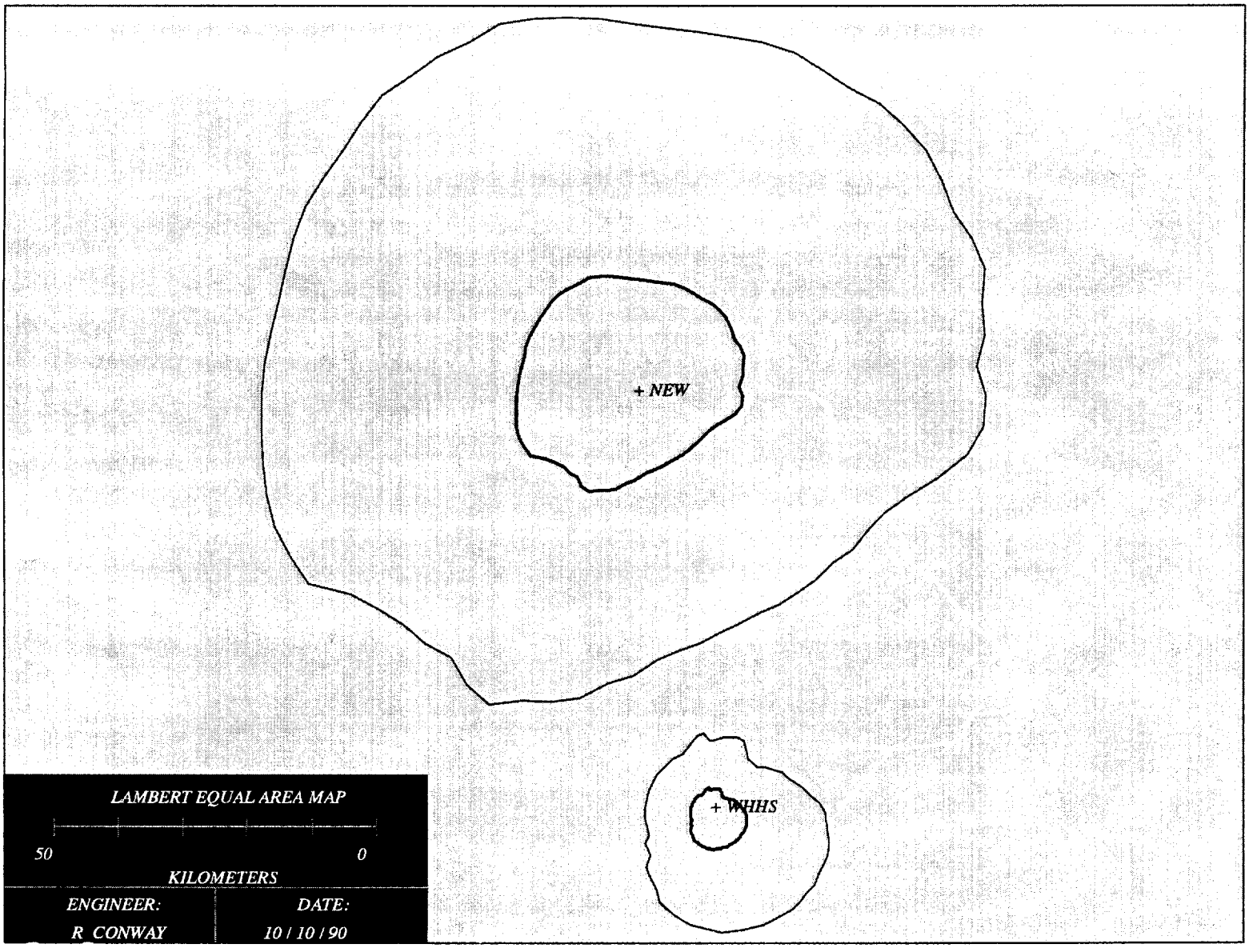


THE FOLLOWING IS A LIST OF THE DATA WHICH APPEARS ON THE ABOVE MAP
BOTTOM LATITUDE: 40.20 TOP LATITUDE: 40.98 LEFT LONGITUDE: -75.96 RIGHT LONGITUDE: -74.94
MAP: ENLARGED CONUS MAP PROJECTION: Lambert Equal-area CENTER LAT: 40.59 LONG: -75.45 GRID SPACING: 0.00
KILOMETERS / INCH = 14.14
PLOT MADE ON : 10 OCTOBER, 1990 8:14 HOURS

call	serv	application no.	contour	chan	erp	haat	rcamsl	coverage area	A1	A7
NEW	FM	900905ML	60.0 dBu (50,50)	207	0.150	245.0	396.0	886.0 sq km	0	0
NEW	FM	900905ML	54.0 dBu (50,10)	207	0.150	245.0	396.0	1958.4 sq km	0	0
NEW	FM	900202MC	60.0 dBu (50,50)	208	0.100	20.0	154.0	122.0 sq km	0	43
NEW	FM	900202MC	54.0 dBu (50,10)	208	0.100	20.0	154.0	248.0 sq km	0	43

MX e.d

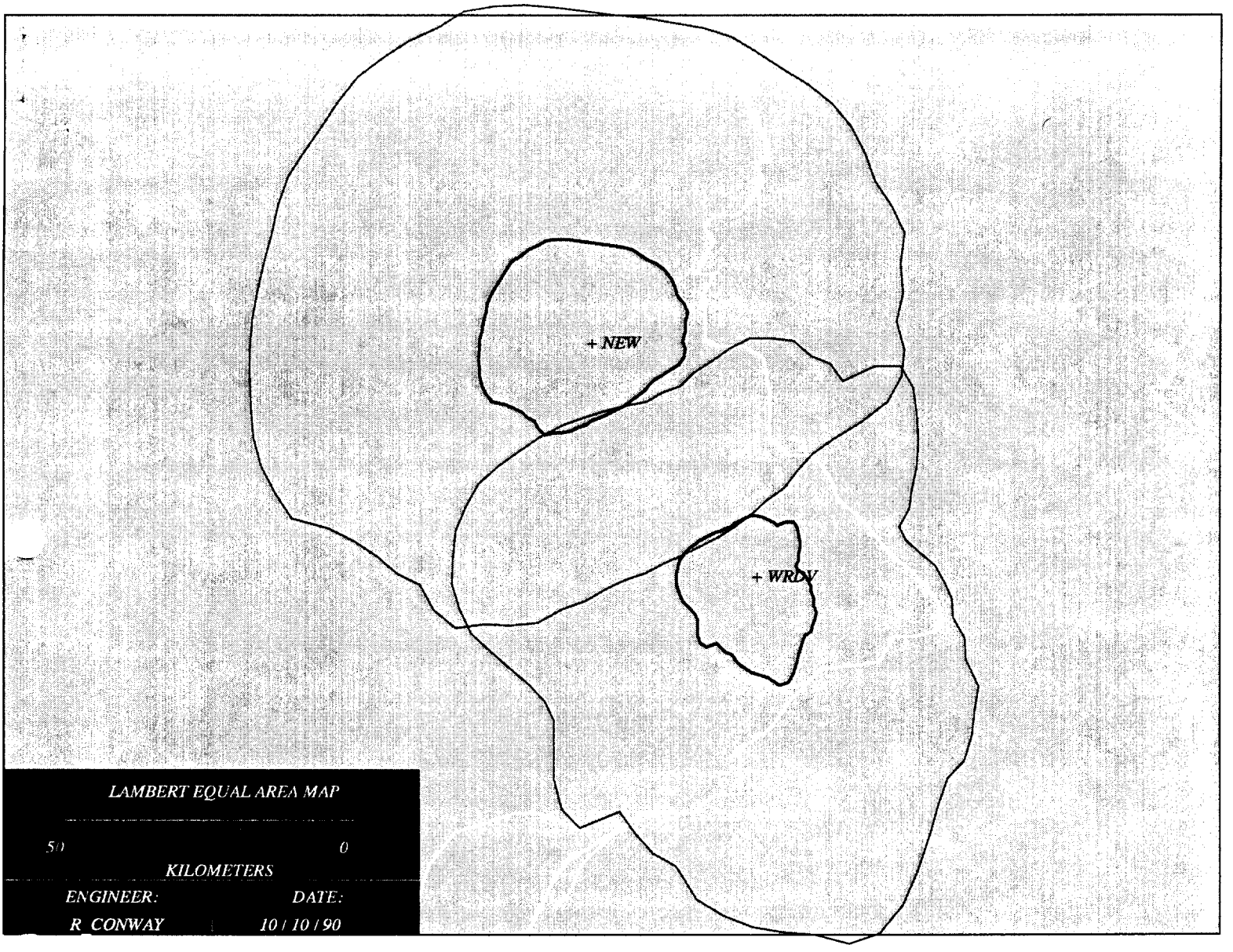
A1 - Number of radials where free space equation was used for field strength calculations.
A7 - Number of radials where a HAAT less than 30 meters was adjusted to 30 meters.



THE FOLLOWING IS A LIST OF THE DATA WHICH APPEARS ON THE ABOVE MAP
BOTTOM LATITUDE: 39.80 TOP LATITUDE: 41.11 LEFT LONGITUDE: -76.32 RIGHT LONGITUDE: -74.59
MAP: ENLARGED CONUS MAP PROJECTION: Lambert Equal-area CENTER LAT: 40.45 LONG: -75.46 GRID SPACING: 0.00
KILOMETERS / INCH = 23.85
PLOT MADE ON : 10 OCTOBER, 1990 8:20 HOURS

call	serv	application no.	contour	chan	erp	haat	rcamsl	coverage area	A1	A7
NEW	FM	900905ML	60.0 dBu (50,50)	207	0.150	245.0	396.0	886.0 sq km	0	0
NEW	FM	900905ML	40.0 dBu (50,10)	207	0.150	245.0	396.0	9010.9 sq km	0	0
WHHS	FM	BLED780802AN	60.0 dBu (50,50)	207	0.010	0.0	115.0	62.5 sq km	0	19
WHHS	FM	BLED780802AN	40.0 dBu (50,10)	207	0.010	0.0	115.0	655.1 sq km	0	19

A1 - Number of radials where free space equation was used for field strength calculations.
A7 - Number of radials where a HAAT less than 30 meters was adjusted to 30 meters.
A7 - Number of radials where a HAAT less than 30 meters was adjusted to 30 meters.



THE FOLLOWING IS A LIST OF THE DATA WHICH APPEARS ON THE ABOVE MAP
BOTTOM LATITUDE: 39.66 TOP LATITUDE: 41.08 LEFT LONGITUDE: -76.32 RIGHT LONGITUDE: -74.45
MAP: ENLARGED CONUS MAP PROJECTION: Lambert Equal-area CENTER LAT: 40.37 LONG: -75.39 GRID SPACING: 0.00
KILOMETERS / INCH = 25.82
PLOT MADE ON : 10 OCTOBER, 1990 8:15 HOURS

call	serv	application no.	contour	chan	erp	haat	rcamsl	coverage area	A1	A7
NEW	FM	900905ML	60.0 dBu (50,50)	207	0.150	245.0	396.0	886.0 sq km	0	0
NEW	FM	900905ML	40.0 dBu (50,10)	207	0.150	245.0	396.0	9010.9 sq km	0	0
WRDV	FM	BPED880422MA	60.0 dBu (50,50)	207	2.700	36.0	116.0	472.9 sq km	0	32
WRDV	FM	BPED880422MA	40.0 dBu (50,10)	207	2.700	36.0	116.0	6374.0 sq km	0	32

A1 - Number of radials where free space equation was used for field strength calculations.
A7 - Number of radials where a HAAT less than 30 meters was adjusted to 30 meters.
A7 - Number of radials where a HAAT less than 30 meters was adjusted to 30 meters.

900905ML APP NEW	BPED880422MA APP WRDV
Allentown PA US	Warminster PA US
207A 89.3 MHz Updated 900917	207A 89.3 MHz Updated 900608
Beacon Broadcasting Corporation	Bux-Mont Educational Radio Assoc
N Lat 40-33-54 W Lon 75-26-26	N Lat 40-12-19 W Lon 75- 6-27
ERP HAAT RCAMSL	ERP HAAT RCAMSL

900905ML PROTECTED 60.00 dBu				880422MA INTERFERING 40.00 dBu					
AZIMUTH (degrees)	ERP (kw)	HAAT (m)	DIST (km)	AZIMUTH (degrees)	ERP (kw)	HAAT (m)	DIST (km)	ACTUAL (dBu)	IX (km)
145.0	0.031	233.6	11.8	324.8	1.128	20.5	37.2	39.99	0.0
146.0	0.031	232.6	11.8	324.5	1.136	20.7	37.2	40.01	0.0
147.0	0.031	231.7	11.7	324.2	1.144	20.9	37.2	40.03	0.1
148.0	0.031	230.7	11.7	323.9	1.151	21.2	37.3	40.05	0.1
149.0	0.031	229.7	11.7	323.6	1.159	21.4	37.3	40.06	0.2
150.0	0.031	228.4	11.7	323.3	1.167	21.6	37.4	40.07	0.2
151.0	0.031	227.2	11.7	323.0	1.175	21.8	37.4	40.09	0.3
152.0	0.032	226.1	11.7	322.6	1.182	22.0	37.4	40.12	0.3
153.0	0.032	224.9	11.7	322.3	1.190	22.1	37.4	40.14	0.4
154.0	0.032	223.3	11.7	322.0	1.198	22.3	37.5	40.15	0.4
155.0	0.033	221.6	11.7	321.7	1.205	22.5	37.5	40.16	0.5
156.0	0.033	220.2	11.7	321.4	1.213	22.5	37.6	40.17	0.5
157.0	0.034	219.0	11.7	321.1	1.221	22.5	37.6	40.18	0.5
158.0	0.034	217.8	11.7	320.8	1.228	22.5	37.7	40.19	0.6
159.0	0.035	216.5	11.7	320.5	1.236	22.4	37.7	40.20	0.6
160.0	0.035	215.8	11.7	320.2	1.243	22.2	37.8	40.21	0.6
161.0	0.036	215.1	11.8	319.9	1.252	22.0	37.8	40.23	0.7
162.0	0.037	214.0	11.8	319.6	1.263	21.8	37.8	40.26	0.8
163.0	0.038	212.5	11.9	319.3	1.273	21.5	37.9	40.27	0.8
164.0	0.039	211.1	11.9	319.0	1.284	21.3	37.9	40.29	0.9
165.0	0.040	209.7	11.9	318.7	1.294	21.0	38.0	40.30	0.9
166.0	0.041	208.0	11.9	318.4	1.304	20.8	38.1	40.31	0.9
167.0	0.042	206.5	12.0	318.1	1.314	20.6	38.2	40.32	1.0
168.0	0.043	205.3	12.0	317.8	1.324	20.4	38.2	40.32	1.0
169.0	0.044	204.5	12.0	317.5	1.334	20.2	38.3	40.33	1.0
170.0	0.045	203.7	12.1	317.2	1.344	20.1	38.4	40.34	1.0
171.0	0.046	202.9	12.1	316.9	1.355	19.9	38.4	40.36	1.1
172.0	0.048	202.2	12.2	316.5	1.367	19.8	38.5	40.37	1.1
173.0	0.049	201.0	12.3	316.2	1.377	19.7	38.6	40.38	1.2
174.0	0.051	200.3	12.3	315.9	1.388	19.7	38.7	40.39	1.2
175.0	0.052	199.8	12.4	315.6	1.399	19.6	38.7	40.40	1.2
176.0	0.054	199.6	12.5	315.3	1.410	19.6	38.8	40.41	1.3
177.0	0.056	200.6	12.6	314.9	1.422	19.6	38.9	40.43	1.3
178.0	0.057	202.0	12.8	314.5	1.436	19.5	38.9	40.45	1.4
179.0	0.059	204.0	12.9	314.2	1.450	19.5	39.0	40.47	1.5
180.0	0.061	206.0	13.0	313.8	1.464	19.5	39.0	40.49	1.6
181.0	0.063	206.6	13.2	313.4	1.477	19.4	39.1	40.51	1.6
182.0	0.065	205.2	13.3	313.1	1.488	19.4	39.2	40.50	1.6
183.0	0.068	203.7	13.3	312.8	1.499	19.3	39.4	40.49	1.6
184.0	0.070	203.2	13.4	312.5	1.511	19.3	39.5	40.49	1.6
185.0	0.072	203.5	13.5	312.1	1.523	19.2	39.6	40.48	1.6
186.0	0.075	205.1	13.7	311.7	1.537	19.1	39.7	40.50	1.6
187.0	0.078	207.4	13.9	311.3	1.553	18.9	39.8	40.51	1.6
188.0	0.080	209.4	14.1	310.9	1.567	18.7	39.9	40.52	1.7
189.0	0.083	211.2	14.2	310.5	1.582	18.5	40.0	40.52	1.7
190.0	0.085	213.3	14.4	310.1	1.596	18.3	40.1	40.52	1.7
191.0	0.088	214.5	14.6	309.8	1.609	18.1	40.3	40.51	1.7
192.0	0.090	214.4	14.7	309.5	1.621	17.9	40.5	40.48	1.6
193.0	0.093	214.1	14.7	309.2	1.631	17.8	40.7	40.45	1.5
194.0	0.095	214.0	14.8	308.9	1.642	17.6	40.8	40.42	1.4
195.0	0.098	213.0	14.9	308.7	1.651	17.5	41.1	40.38	1.3
196.0	0.100	211.2	14.9	308.5	1.658	17.3	41.3	40.33	1.1

record

A7 - Number of radials where a HAAT less than 30 meters was adjusted to 30 meters.

197.0	0.103	209.7	15.0	308.3	1.665	17.2	41.5	40.28	1.0
198.0	0.105	209.3	15.1	308.1	1.674	17.0	41.7	40.24	0.8
199.0	0.108	210.1	15.2	307.8	1.685	16.8	41.9	40.21	0.7
200.0	0.111	210.9	15.3	307.5	1.696	16.7	42.2	40.17	0.6
201.0	0.113	212.2	15.4	307.3	1.706	16.5	42.4	40.13	0.5
202.0	0.115	214.8	15.6	307.0	1.718	16.4	42.6	40.10	0.4
203.0	0.117	218.9	15.8	306.6	1.733	16.3	42.8	40.08	0.3
204.0	0.119	222.9	16.1	306.2	1.748	16.3	43.0	40.05	0.2
205.0	0.121	225.1	16.2	305.9	1.759	16.3	43.3	40.01	0.0
206.0	0.123	225.1	16.3	305.7	1.765	16.3	43.5	39.95	0.0
207.0	0.125	222.5	16.3	305.7	1.766	16.3	43.8	39.88	0.0
208.0	0.127	218.6	16.2	305.8	1.764	16.3	44.1	39.79	0.0
209.0	0.129	213.9	16.1	305.9	1.760	16.3	44.4	39.70	0.0
210.0	0.131	208.5	15.9	306.0	1.754	16.3	44.7	39.61	0.0

A7 - Number of radials where a HAAT less than 30 meters was adjusted to 30 meters.

BPED880422MA APP WRDV
Warminster PA US
207A 89.3 MHz Updated 900608
Bux-Mont Educational Radio Assoc
N Lat 40-12-19 W Lon 75- 6-27

	ERP	HAAT	RCAMSL
H	0.050 kw	36. m	116. m
V	2.700 kw	36. m	116. m

DA: Y Make: ODD Mod: ODD880422MA
Rotation: 0 degrees
Is it 73.215: N

900905ML APP NEW
Allentown PA US
207A 89.3 MHz Updated 900917
Beacon Broadcasting Corporation
N Lat 40-33-54 W Lon 75-26-26

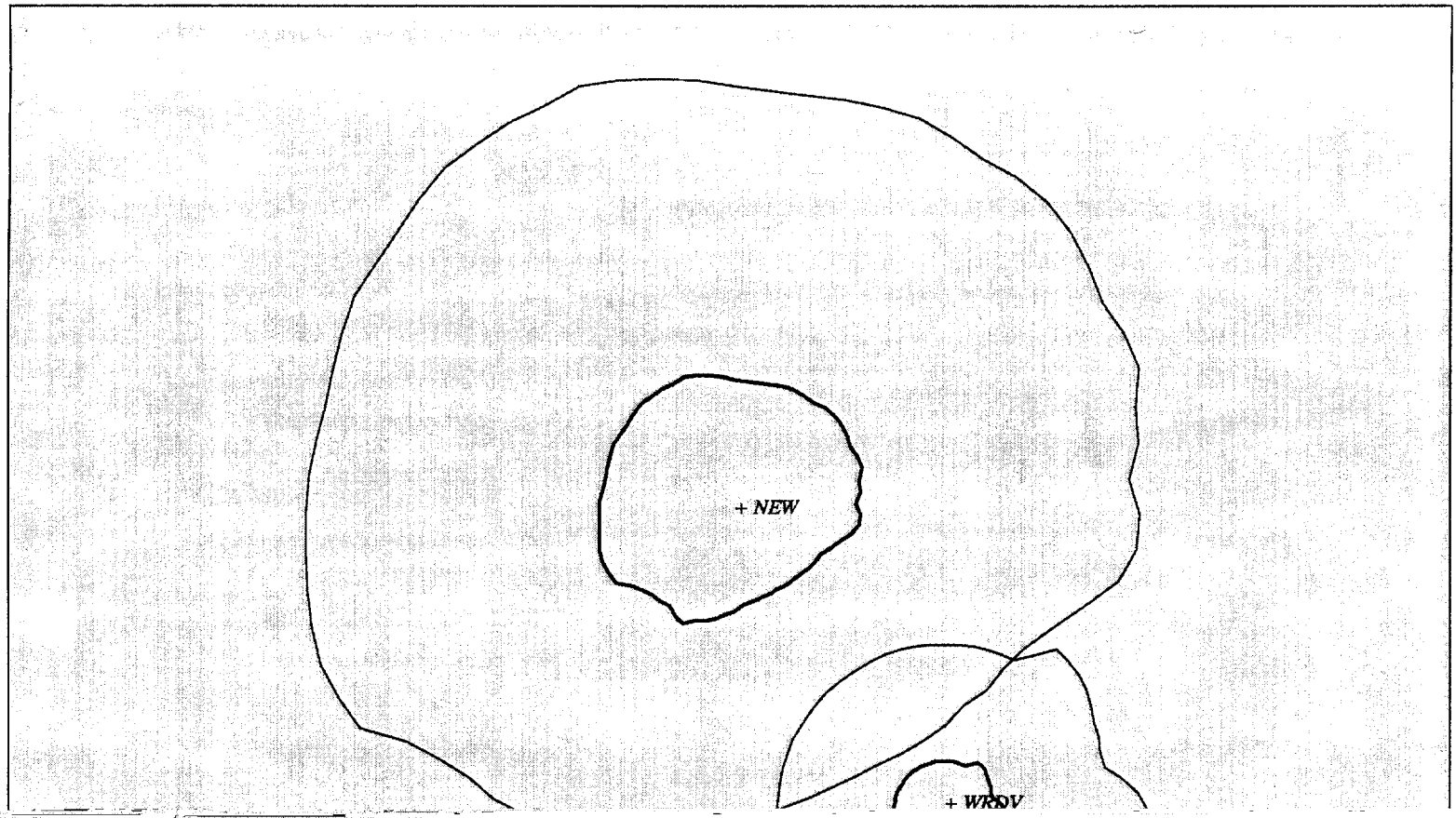
	ERP	HAAT	RCAMSL
H	0.150 kw	245. m	396. m
V	0.145 kw	245. m	396. m

DA: Y Make: ODD Mod: ODD900905ML
Rotation: 0 degrees
Is it 73.215: N

880422MA PROTECTED 60.00 dBu				900905ML INTERFERING 40.00 dBu					
AZIMUTH (degrees)	ERP (kw)	HAAT (m)	DIST (km)	AZIMUTH (degrees)	ERP (kw)	HAAT (m)	DIST (km)	ACTUAL (dBu)	IX (km)
0.0	1.601	19.0	11.4	135.3	0.032	235.6	40.2	39.97	
10.0	1.601	22.8	11.4	133.5	0.033	233.3	41.7	39.31	
20.0	1.248	32.0	11.0	132.7	0.034	232.0	43.6	38.48	
30.0	1.005	42.0	11.9	130.9	0.035	229.1	45.2	37.78	
40.0	0.817	48.5	12.2	130.3	0.035	228.3	47.3	36.94	
50.0	0.596	44.7	10.8	132.0	0.034	230.8	49.2	36.15	
60.0	0.454	39.4	9.5	134.0	0.033	234.0	50.7	35.54	
70.0	0.312	35.2	8.1	136.0	0.032	236.1	51.6	35.11	
80.0	0.294	42.3	8.8	136.1	0.032	236.2	53.3	34.44	
90.0	0.294	51.6	9.8	136.3	0.032	236.3	55.2	33.67	
100.0	0.312	55.9	10.4	137.3	0.032	236.8	56.8	33.00	
110.0	0.454	55.6	11.3	138.3	0.031	237.1	58.6	32.24	
[illegible]0.0	0.675	56.4	12.5	139.7	0.031	237.1	60.5	31.43	
130.0	0.908	55.0	13.3	141.5	0.031	236.7	61.9	30.90	
140.0	1.248	49.3	13.6	143.6	0.031	235.0	62.5	30.62	
150.0	1.815	53.9	15.6	145.9	0.031	232.7	64.5	29.81	
160.0	2.488	61.1	18.2	148.8	0.031	229.9	66.7	28.95	
170.0	2.593	50.3	16.6	151.0	0.031	227.2	64.4	29.72	
180.0	2.700	43.3	15.4	152.9	0.032	225.0	62.2	30.54	
190.0	2.700	35.9	14.0	154.2	0.033	222.9	59.6	31.49	
200.0	2.488	25.6	12.6	155.2	0.033	221.4	57.1	32.44	
210.0	1.997	28.5	12.0	156.1	0.033	220.1	55.1	33.25	
220.0	1.601	43.4	13.5	158.7	0.035	216.9	54.0	33.70	
230.0	1.248	38.8	12.0	158.2	0.034	217.5	51.4	34.74	
240.0	1.400	31.0	11.2	157.8	0.034	218.1	49.2	35.61	
250.0	1.771	28.0	11.7	158.5	0.035	217.2	47.3	36.39	
260.0	2.386	25.3	12.5	159.3	0.035	216.3	45.1	37.30	
270.0	2.700	15.7	12.9	159.0	0.035	216.6	42.9	38.26	
280.0	2.700	10.5	12.9	157.6	0.034	218.3	40.8	39.16	
290.0	2.488	12.0	12.6	155.3	0.033	221.1	39.3	39.89	
300.0	1.997	15.0	12.0	152.3	0.032	225.8	38.4	40.30	**
310.0	1.601	18.2	11.4	149.1	0.031	229.5	38.1	40.47	**
320.0	1.248	22.1	10.7	146.1	0.031	232.6	38.3	40.49	**
330.0	1.005	17.2	10.2	143.4	0.031	235.3	38.8	40.34	**
340.0	1.005	21.2	10.2	140.8	0.031	236.9	39.2	40.22	**
350.0	1.248	21.5	10.7	138.1	0.031	237.1	39.5	40.20	**
360.0	1.601	19.0	11.4	135.3	0.032	235.6	40.2	39.97	

880422MA PROTECTED 60.00 dBu				900905ML INTERFERING 40.00 dBu					
AZIMUTH (degrees)	ERP (kw)	HAAT (m)	DIST (km)	AZIMUTH (degrees)	ERP (kw)	HAAT (m)	DIST (km)	ACTUAL (dBu)	IX (km)
290.0	2.488	12.0	12.6	155.3	0.033	221.1	39.3	39.89	0.0
291.0	2.438	12.0	12.6	155.0	0.033	221.5	39.1	39.94	0.0
292.0	2.387	12.1	12.5	154.7	0.033	222.0	39.0	39.99	0.0
293.0	2.337	12.3	12.5	154.4	0.033	222.6	38.9	40.04	0.1
294.0	2.286	12.6	12.4	154.1	0.033	223.1	38.8	40.09	0.2
295.0	2.236	13.1	12.3	153.8	0.032	223.6	38.8	40.14	0.3
296.0	2.188	13.7	12.3	153.5	0.032	224.1	38.7	40.18	0.4
297.0	2.140	14.3	12.2	153.2	0.032	224.6	38.6	40.22	0.5
3.0	2.093	14.9	12.1	152.9	0.032	225.0	38.5	40.25	0.5
299.0	2.045	15.1	12.1	152.6	0.032	225.4	38.5	40.28	0.6
300.0	1.997	15.0	12.0	152.3	0.032	225.8	38.4	40.30	0.6
301.0	1.956	14.9	11.9	152.0	0.032	226.1	38.3	40.32	0.7
302.0	1.916	15.0	11.9	151.6	0.031	226.5	38.3	40.34	0.7
303.0	1.875	15.6	11.8	151.3	0.031	226.8	38.2	40.36	0.8
304.0	1.834	16.1	11.8	151.0	0.031	227.2	38.2	40.38	0.8
305.0	1.793	16.3	11.7	150.7	0.031	227.6	38.2	40.39	0.8
306.0	1.755	16.3	11.6	150.4	0.031	228.0	38.1	40.40	0.9
307.0	1.716	16.4	11.6	150.1	0.031	228.4	38.1	40.41	0.9

342.0	1.052	22.8	10.3	140.3	0.031	237.1	39.2	40.22	0.5
343.0	1.076	22.7	10.3	140.0	0.031	237.1	39.2	40.22	0.5
344.0	1.100	22.6	10.4	139.7	0.031	237.1	39.3	40.22	0.5
345.0	1.123	22.9	10.5	139.5	0.031	237.2	39.3	40.23	0.5


+ NEW
+ WRDV

900905ML APP NEW
Allentown PA US
207A 89.3 MHz Updated 900917
Beacon Broadcasting Corporation
N Lat 40-33-54 W Lon 75-26-26

	ERP	HAAT	RCAMSL
H	0.150 kw	245. m	396. m
V	0.145 kw	245. m	396. m

DA:Y Make:ODD Mod:ODD900905ML
Rotation: 0 degrees
Is it 73.215: N

BLED801215AB LIC WRDV
Warminster PA US
207A 89.3 MHz Updated 880511
Bux-Mont Educational Radio Assoc
N Lat 40-12-19 W Lon 75- 6-27

	ERP	HAAT	RCAMSL
H	0.200 kw	27. m	109. m
V	0.200 kw	27. m	109. m

DA:N Make: Mod:
Rotation: degrees
Is it 73.215: N

900905ML
PROTECTED
60.00 dBu

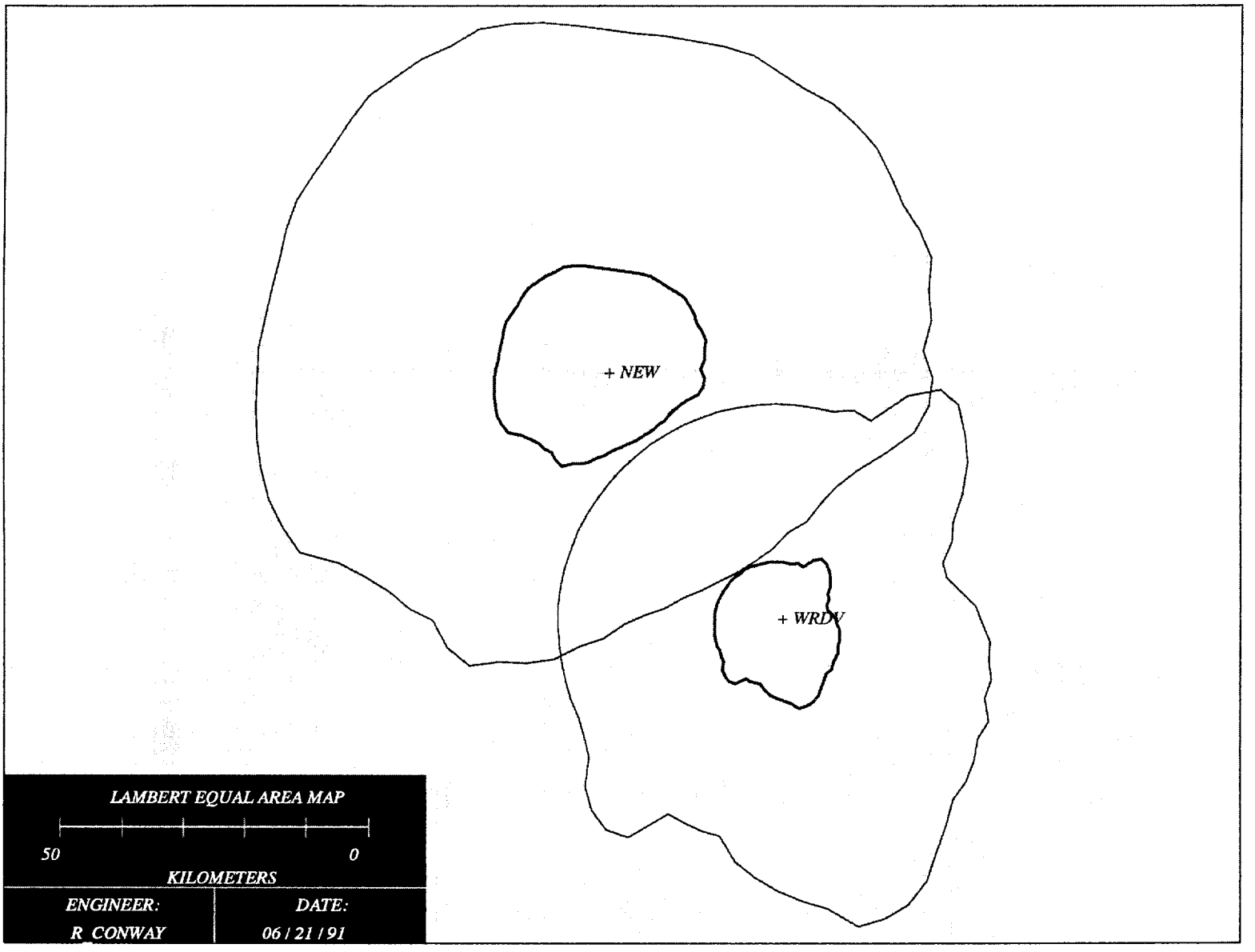
801215AB
INTERFERING
40.00 dBu

AZIMUTH (degrees)	ERP (kw)	HAAT (m)	DIST (km)	AZIMUTH (degrees)	ERP (kw)	HAAT (m)	DIST (km)	ACTUAL (dBu)	IX (km)
0.0	0.124	276.0	18.2	334.3	0.200	10.9	64.7	25.90	
10.0	0.121	275.3	18.1	336.7	0.200	11.4	63.0	26.22	
20.0	0.124	283.1	18.4	339.2	0.200	13.7	61.4	26.54	
30.0	0.130	278.1	18.5	341.5	0.200	15.5	59.1	27.00	
40.0	0.140	274.5	18.8	343.4	0.200	15.5	56.7	27.50	

BLED801215AB LIC WRDV	900905ML APP NEW
Warminster PA US	Allentown PA US
207A 89.3 MHz Updated 880511	207A 89.3 MHz Updated 900917
Bux-Mont Educational Radio Assoc	Beacon Broadcasting Corporation
N Lat 40-12-19 W Lon 75- 6-27	N Lat 40-33-54 W Lon 75-26-26

	ERP	HAAT	RCAMSL		ERP	HAAT	RCAMSL
H	0.200 kw	27. m	109. m	H	0.150 kw	245. m	396. m
V	0.200 kw	27. m	109. m	V	0.145 kw	245. m	396. m
DA:N	Make:	Mod:		DA:Y	Make:ODD	Mod:ODD900905ML	
Rotation:	degrees			Rotation:	0 degrees		
Is it 73.215: N				Is it 73.215: N			

801215AB PROTECTED 60.00 dBu				900905ML INTERFERING 40.00 dBu					
AZIMUTH (degrees)	ERP (kw)	HAAT (m)	DIST (km)	AZIMUTH (degrees)	ERP (kw)	HAAT (m)	DIST (km)	ACTUAL (dBu)	IX (km)
0.0	0.200	12.0	6.7	139.6	0.031	237.2	43.6	38.27	



1 FOLLOWING IS A LIST OF THE DATA WHICH APPEARS ON THE ABOVE MAP
BOTTOM LATITUDE: 39.74 TOP LATITUDE: 41.11 LEFT LONGITUDE: -76.31 RIGHT LONGITUDE: -74.50
MAP: ENLARGED CONUS MAP PROJECTION: Lambert Equal-area CENTER LAT: 40.42 LONG: -75.40 GRID SPACING: 0.00
KILOMETERS / INCH = 24.96
PLOT MADE ON : 21 JUNE, 1991 13:46 HOURS

call	serv	application no.	contour	chan	erp	haat	rcamsl	coverage area	A1	A7
NEW	FM	900905ML	60.0 dBu (50,50)	207	0.135	245.0	396.0	839.5 sq km	0	0
NEW	FM	900905ML	40.0 dBu (50,10)	207	0.135	245.0	396.0	8635.8 sq km	0	0
WRDV	FM	BPED880422MA	60.0 dBu (50,50)	207	1.000	36.0	116.0	372.4 sq km	0	32
WRDV	FM	BPED880422MA	40.0 dBu (50,10)	207	1.000	36.0	116.0	4605.4 sq km	0	32

P4R

A1 - Number of radials where free space equation was used for field strength calculations.
A7 - Number of radials where a HAAT less than 30 meters was adjusted to 30 meters.

A7 - Number of radials where a HAAT less than 30 meters was adjusted to 30 meters.

Attachment A

DOCUMENT OFF-LINE

This page has been substituted for one of the following:

o An oversize page or document (such as a map) which was too large to be scanned into the RIPS system.

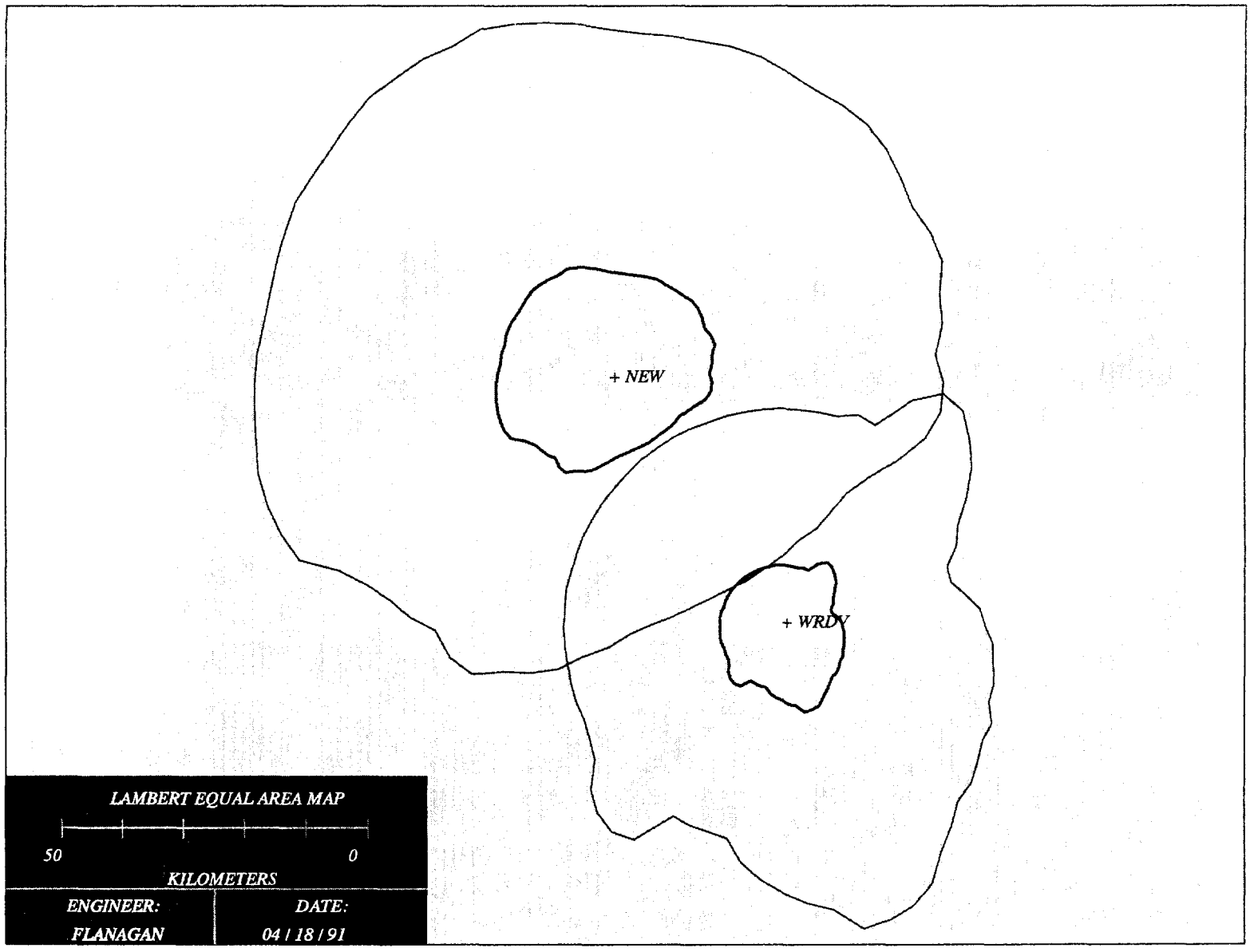
o Microfilm, microform, certain photographs or videotape.

✓ o Other materials which, for one reason or another, could not be scanned into the RIPS system.

The actual document, page(s) or materials may be reviewed by contacting an Information Technician. Please note the applicable docket or rulemaking number, document type and any other relevant information about the document in order to ensure speedy retrieval by the Information Technician.

Page 47 and 48 are too light to be scanned

A7 - Number of radials where a HAAT less than 30 meters was adjusted to 30 meters.



THE FOLLOWING IS A LIST OF THE DATA WHICH APPEARS ON THE ABOVE MAP

900905ML APP NEW
Allentown PA US
207A 89.3 MHz Updated 900917
Beacon Broadcasting Corporation
N Lat 40-33-54 W Lon 75-26-26

	ERP	HAAT	RCAMSL
H	0.150 kw	245. m	396 m
V	0.145 kw	245. m	396. m

DA:Y Make:ODD Mod:ODD900905ML
Rotation: 0 degrees
Is it 73.215: N

900905ML
PROTECTED

BPED880422MA APP WRDV
Warminster PA US
207A 89.3 MHz Updated 910412
Bux-Mont Educational Radio Assoc
N Lat 40-12-19 W Lon 75- 6-27

	ERP	HAAT	RCAMSL
H	0.100 kw	36. m	116. m
V	1.000 kw	36. m	116. m

DA:Y Make:ODD Mod:ODD880422MA
Rotation: 0 degrees
Is it 73.215: N

880422MA
INTERFERING