

ENGINEERING STATEMENT  
Renard Communications Corp.  
August, 2008

Renard Communications Corp. is the licensee of WBQM-LP, Brooklyn, NY and has a pending displacement application on file (BDISDTL-20080701AEZ). In response to the Commission's deficiency letter dated July 11, 2008, this amendment seeks to modify the proposed antenna to a Scala PR-TV-17 (FCC Antenna ID: 23502) @ 320 degrees True. A Longley-Rice study was run using the Sun Microsystems DTV program (summary attached) and it was determined that no interference would be caused to any facility. The study was run using a cell size of 2 km. and a profile spacing increment of 1 km.

# Summary Study

1990 Census data selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 07-23-2008 Time: 11:54:55

Record Selected for Analysis

WBQM-L-D USERRECORD-01 BROOKLYN NY US  
Channel 50 ERP 0.04 kW HAAT 262. m RCAMSL 00276 m STRINGENT MASK  
Latitude 040-45-08 Longitude 0073-58-03  
Status APP Zone 1 Border  
Dir Antenna Make: SCA Model: PR-TV-17 (FCC Ant. ID: 23502)  
Beam tilt N Ref Azimuth 320.  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	0.000	237.2	5.9
45.0	0.000	270.2	1.7
90.0	0.000	262.6	1.7
135.0	0.000	261.8	1.7
180.0	0.000	262.0	1.7
225.0	0.000	274.9	1.7
270.0	0.000	266.3	2.0
315.0	0.033	261.7	21.1

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance  
Distance to border = 396.2km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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### Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
50	WBQM-L-D	BROOKLYN NY	USERRECORD01

### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	WNYX-LP	NEW YORK NY	2.1	LIC	BLTTL	-20070615ACT
35	WNYX-LP	NEW YORK NY	2.1	CP	BPTTL	-20070705ADS
35	WYBE	PHILADELPHIA PA	133.3	LIC	BLET	-20030317DRA
36	W36AZ	SUSSEX NJ	64.7	LIC	BLTT	-19970806JC
42	WKOB-LP	NEW YORK NY	6.3	LIC	BLTTL	-20051212ABH
42	W42CX	PORT JERVIS NY	90.4	LIC	BLTTL	-20070223AHH
42	W42AE	POUGHKEEPSIE NY	107.5	LIC	BLTTL	-20040225AAW
43	WSAH	BRIDGEPORT CT	98.6	LIC	BLCT	-20061116ACY
43	W43CH	BELVIDERE NJ	92.4	LIC	BLTT	-20060622AAE
46	WMBQ-CA	MANHATTAN NY	1.3	LIC	BLTTA	-20060110ABL
46	WMBQ-CA	MANHATTAN NY	0.0	CP	BPTTA	-20080616AAV
46	W46DQ	PORT JERVIS NY	90.4	LIC	BLTTL	-20070223AHL
46	W46BL	ALLENTOWN-BETHLEHEM PA	125.9	LIC	BLTT	-19990325JE
47	WNJU	LINDEN NJ	5.9	LIC	BLCT	-19800423KE
47	WNJU	LINDEN NJ	5.9	CP	BPCT	-19991028AAN
48	WGTW-TV	BURLINGTON NJ	133.6	LIC	BLCT	-19920821KF
49	WEDW	BRIDGEPORT CT	87.9	LIC	BLET	-19870908KE
49	WEDW	BRIDGEPORT CT	87.9	CP	BPEDT	-20080207AAV
49	WWSI	ATLANTIC CITY NJ	128.8	LIC	BLCDT	-20020812ABS
49	W49BE	HACKETTSTOWN NJ	77.3	LIC	BLTT	-19930517IG
49	W49CW-D	TRENTON NJ	80.1	CP	BDCCDTL	-20060914ADD
49	WNEP-TV	SCRANTON PA	166.7	LIC	BLCDT	-20020807AAF
50	WRDM-CA	HARTFORD CT	151.7	LIC	BLTTA	-20060303ABE
50	WDCW	WASHINGTON DC	328.2	CP	BPCDT	-20080229ACH
50	WDCW	WASHINGTON DC	328.2	LIC	BLCT	-20030819ABE
50	W50DQ-D	GEORGETOWN DE	258.3	CP	BDCCDTL	-20061005AAR
50	WZMY-TV	DERRY NH	306.8	LIC	BLCT	-19831012KG
50	W50DP-D	HANOVER NH	360.8	LIC	BLDTT	-20070702AYL
50	W50DO-D	HACKETTSTOWN NJ	77.3	CP	BDCCDTT	-20060925AEB
50	WNJN	MONTCLAIR NJ	23.3	LIC	BLET	-20061121ADH
50	WYPX	AMSTERDAM NY	248.7	LIC	BLCDT	-20040908ABO
50	W50DU-D	PORT JERVIS NY	60.3	CP MOD	BMPDTL	-20080213AHI
50	WVVH-CA	SOUTHAMPTON NY	145.8	CP	BDFCDTA	-20051114AIV
50	WVVH-CA	SOUTHAMPTON NY	145.8	LIC	BLTTA	-20010608ABB



NONE .