

Amendment - Figure 4

Longley-Rice Protection to W12BG, Newcomb, NY

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V-Soft Communications Population Report

W12BG (12N) Newcomb, NY

TV Incoming Interference Study

Signal Resolution: 1 km

Consider NTSC Taboo: Yes

KWX error points are considered to be interference free coverage.

# of radials computed for contours: 72

Contours calculated using 8 radial HAAT.

LR Profile Spacing Increment: 1.0 km

Interference considered within the reference station's 68 dBu FCC countour.

Using NTSC lptv/translators D/U rules.

Threshold for reception: 68.0

Study Date: 2/11/03

TV Database Date: 02-11-03

Population Database: 2000 US Census (SF1)

Percentages calculated using a baseline population of 1.

Stations which cause interference:

Call Letters	H Units	Population	%	Area (sq. km)
WBNGTV (12-)	0	0	0.000	1.76
CFCFTV (12Z)	0	0	0.000	0.88

Masking Summary:

Call Letters	Total Interference Population	%	Unique Interference Population	%
WBNGTV (12-)	0	0.000	0	0.000
CFCFTV (12Z)	0	0.000	0	0.000

Stations considered which do not cause interference:

WTXX-D.C (12)  
WBNGTV (12-)  
W12BC (12N)  
WNYT-D.C (12)  
CFCFTV (12Z)  
W12BZ.A (12Z)

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Call Letters	City	State	Dist	Bear
WTXX-D.C (12)	Waterbury	CT	273.3	155.9
WBNGTV (12-)	Binghamton	NY	255.7	215.1
W12BC (12N)	Blue Mountain Lake	NY	23.0	246.2
WNYT-D.C (12)	Albany	NY	148.4	174.8
CFCFTV (12Z)	Montreal	QU	178.2	14.8
W12BZ.A (12Z)	Rome	NY	134.5	232.1

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(continued)

Totals for W12BG (12N)

Calculation Area Population:	37	(	12.3 sq. km )
Not Affected by Terrain Loss:	0	(	7.0 sq. km )
Total NTSC Interference:	0	(	1.8 sq. km )
DTV Only Interference:	0	(	0.0 sq. km )
Total DTV Interference:	0	(	0.0 sq. km )
Interfered Population:	0	(	1.8 sq. km )
Interference Free:	0	(	5.3 sq. km )

Total Interference:	0.00%
Unique Interference from W12BZ.A:	0.00%

Terrain Blocked Population:	37	(	5.3 sq. km)
Contour Area Population:	56		