

EXHIBIT E

## V-Soft Communications Population Report

WVFX-DT( Allot.) (10) Clarksburg, WV  
TV Incoming Interference Study  
Signal Resolution: 2 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 noise limited contour.  
Threshold for reception: 36.0

Study Date: 9/26/2002  
TV Database Date: 09-11-02

Population Database: 2000 US Census (PL)

Percentages calculated using a baseline population of 634,261.

Stations considered which do not cause interference:

Proposed WAZT-CA (10+)

-----

## Totals for WVFX-D.P.A (10)

Calculation Area Population:	761,807	(	26338.7 sq. km )
Not Affected by Terrain Loss:	634,261	(	23967.9 sq. km )
Total NTSC Interference:	32,921	(	1040.4 sq. km )
DTV Only Interference:	0	(	0.0 sq. km )
Total DTV Interference:	420	(	30.1 sq. km )
Interfered Population:	32,921	(	1040.4 sq. km )
Interference Free:	601,340	(	22927.6 sq. km )

Percent Interference From Proposed WAZT-CA : 0.00

EXHIBIT E cont'd.

## V-Soft Communications Population Report

WHTM-DT( Allot.) (10) Harrisburg, PA  
 TV Incoming Interference Study  
 Signal Resolution: 2 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 noise limited contour.  
 Threshold for reception: 36.0

Study Date: 9/26/2002  
 TV Database Date: 09-11-02

Population Database: 2000 US Census (PL)

Percentages calculated using a baseline population of 2,561,242.

## Masking Summary:

Call Letters	Total Interference		Unique Interference	
	Population	%	Population	%
WBALTV (11-)	76093	2.971	34390	1.343
WTEN (10-)	168	0.007	0	0.000
WHECTV (10+)	1634	0.064	0	0.000
WTAJTV (10-)	226793	8.855	59105	2.308
WCAU (10Z)	262343	10.243	92291	3.603
WBRE-D.C (11)	6563	0.256	880	0.034
WAVYTV (10+)	10150	0.396	0	0.000
WWLF-D (9)	5896	0.230	0	0.000
Proposed WAZT-CA (10+)	19334	0.755	1547	0.060

-----  
Totals for WHTM-DT( Allot.) (10)

Calculation Area Population:	3,086,837	(	30480.9 sq. km )
Not Affected by Terrain Loss:	2,561,242	(	25630.0 sq. km )
Total NTSC Interference:	372,896	(	3645.1 sq. km )
DTV Only Interference:	1,319	(	37.0 sq. km )
Total DTV Interference:	7,269	(	107.1 sq. km )
Interfered Population:	374,215	(	3682.1 sq. km )
Interference Free:	2,187,027	(	21947.9 sq. km )

Percent Unmasked Interference From Proposed WAZT-CA : 0.060

EXHIBIT E cont'd.

## V-Soft Communications Population Report

WTAJ-TV (10-) Altoona, PA  
 TV Incoming Interference Study  
 Signal Resolution: 2 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 noise limited contour.  
 Threshold for reception: 56.0

Study Date: 9/26/2002

TV Database Date: 09-11-02

Population Database: 2000 US Census (PL)

Percentages calculated using a baseline population of 783,154.

## Masking Summary:

Call Letters	Total Interference Population	%	Unique Interference Population	%
WHECTV (10+)	2242	0.286	1488	0.190
WTOVTV.C (09+)	2598	0.332	81	0.010
WOIO-D (10)	514	0.066	0	0.000
CFPLTV (10Z)	3002	0.383	1811	0.231
WCAU (10Z)	1123	0.143	1058	0.135
WPXI (11Z)	6016	0.768	3369	0.430
Proposed WAZT-CA (10+)	771	0.098	707	0.090

-----  
Totals for WTAJ-TV (10-)

Calculation Area Population:	1,057,866	( 28237.2 sq. km )
Not Affected by Terrain Loss:	783,154	( 21495.8 sq. km )
Total NTSC Interference:	11,979	( 804.2 sq. km )
DTV Only Interference:	0	( 0.0 sq. km )
Total DTV Interference:	514	( 14.9 sq. km )
Interfered Population:	11,979	( 804.2 sq. km )
Interference Free:	771,175	( 20691.6 sq. km )

Percent Unmasked Interference From Proposed WAZT-DT : 0.090

EXHIBIT E cont'd.

## V-Soft Communications Population Report

WAVY-TV (10+) Portsmouth, VA  
TV Incoming Interference Study  
Signal Resolution: 2 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 noise limited contour.  
Threshold for reception: 56.0

Study Date: 9/26/2002  
TV Database Date: 09-11-02

Population Database: 2000 US Census (PL)

Percentages calculated using a baseline population of 1,919,057.

Stations considered which do not cause interference:

Proposed WAZT-CA (10+)

-----  
Totals for WAVY-TV (10+)

Calculation Area Population:	1,919,505	(	28576.6 sq. km )
Not Affected by Terrain Loss:	1,919,057	(	28557.2 sq. km )
Total NTSC Interference:	142,184	(	2615.6 sq. km )
DTV Only Interference:	78,840	(	5367.7 sq. km )
Total DTV Interference:	201,292	(	7617.6 sq. km )
Interfered Population:	221,024	(	7983.3 sq. km )
Interference Free:	1,698,033	(	20573.8 sq. km )

Percent Interference From WAZT-CA : 0.00