

ENGINEERING STATEMENT

Metro TV, Inc.
February, 2020

Metro TV, Inc. (“Metro”), licensee of WBLZ-LD, Syracuse, NY, (Fac. ID #64353), is hereby requesting a very minor change of its construction permit so as to utilize the existing channel 22 antenna of WTVU-CD, Syracuse, NY (Fac. ID #617) upon WTVU-CD transitioning to channel 25 in Phase 8 of the TV repack. The CP (0000052577) for WBLZ-LD is channel 22, the same channel that WTVU-CD is vacating.

Metro proposes to share the existing antenna with WHSU-CD, Syracuse, NY (Fac. #629) which is transitioning to channel 23 as part of the Phase 8 repack. The antenna has been determined to be suitable for both WBLZ-LD and WHSU-CD utilizing a custom designed channel combiner mask filter.

A TV Study report (attached) has been performed with the results indicating no impact to any other authorizations other than W22DO-D, Utica, NY (report page 5), with which Metro has an existing mutual interference agreement (attached) whereby WBLZ-LD may operate up to a full 15 kW with a non-directional antenna on channel 22. Also, a map is attached depicting the presently authorized and proposed 24.56 dBu (50,10) interfering contours. Since the proposed modification does not extend the interfering contour, referral to or concurrence from Canada is not required.

Impedance measurements of WOLF(AM), Syracuse, NY (Fac. ID #73380) will be performed as required in Section 1.30003(a) of the Commission’s Rules. However, no change is expected due to the fact that there would not be any physical modification to the antenna or tower necessary in order to implement the proposed modification.

As implementation of the facilities requested herein are proposed to be constructed in conjunction with the transition of WHSU-CD, Metro respectfully requests expedited consideration for processing of the proposed minor change for WBLZ-LD so as to be able to commence operation in conjunction with completion of the transition of WHSU-CD in Phase 8 of the repack where the final Syracuse, NY market re-scan will occur with the conclusion of the remaining full-power and Class A stations transitioning in Phase 8.

WBLZ-LD, Syracuse, NY - Proposed Modification

tvstudy v2.2.5 (4uoc83)

Database: 127.0.0.1, Study: BLANK0000052577 #233, Model: Longley-Rice

Start: 2020.02.09 15:40:52

Study created: 2020.02.09 15:40:52

Study build station data: LMS TV 2020-02-02

Proposal: WBLZ-LD D22 LD APP SYRACUSE, NY

File number: BLANK0000052577

Facility ID: 64353

Station data: User record

Record ID: 218

Country: U.S.

Build options:

Protect pre-transition records not on baseline channel

Search options:

Non-U.S. records included

Baseline record excluded if station has CP

Individual records excluded:

20130603AEQ WTVU-CD D22 DC LIC SYRACUSE, NY BLDTA20130603AEQ

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WSTQ-LP	N14z	TX	LIC	SYRACUSE, NY	BLTTL20030604ABA	0.0 km
No	WTKJ-LP	N19	TX	LIC	WATERTOWN, NY	BLTTL20080804ADM	105.2
No	W21CP-D	D21	LD	LIC	GLOVERSVILLE, NY	BLDTT20090601AQC	146.2
No	WROC-TV	D21	DT	LIC	ROCHESTER, NY	BLANK0000079899	115.3
Yes	WDSS-LD	D21	LD	CP	SYRACUSE, NY	BLANK0000072128	13.5
No	WNEP-TV	D21	DT	CP	SCRANTON, PA	BLANK0000093488	210.0
No	WUTH-CD	D22	DC	LIC	HARTFORD, CT	BLANK0000080135	338.1
No	WBPX-TV	D22	DT	LIC	BOSTON, MA	BLANK0000075858	388.8
No	WVMA-CD	D22	DC	LIC	WINCHENDON, MA	BLANK0000095385	308.6
No	WMPB	D22	DT	CP	BALTIMORE, MD	BLANK0000029875	404.6
No	WNJS	D22	DT	LIC	CAMDEN, NJ	BLANK0000040675	386.2
No	WDVB-CD	D22	DC	LIC	EDISON, NJ	BLANK0000080314	313.8
No	WPHY-CD	D22	DC	LIC	TRENTON, NJ	BLANK0000079874	344.1
No	WECY-LD	D22	LD	LIC	Elmira, NY	BLANK0000024397	126.2
No	WCBS-TV	D22	LD	LIC	NEW YORK, NY	BLANK0000092488	360.3
No	WCBS-TV	D22	LD	CP	NEW YORK, NY	BLANK0000074938	360.3

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No	WCBS-TV	D22	LD	LIC	NEW YORK, NY	BLCDT20120905AAO	360.3
No	W22EW-D	D22+	LD	LIC	PORT JERVIS, NY	BLANK0000073094	262.1
Yes	WXXI-TV	D22	DT	LIC	ROCHESTER, NY	BLANK0000086491	115.4
Yes	WCWN	D22	DT	LIC	SCHENECTADY, NY	BLANK0000083798	182.2
Yes	W22DO-D	D22	LD	LIC	UTICA, NY	BLDTT20111024AES	80.8
No	WTOO-CD	D22	DC	LIC	BOLIVAR, PA	BLANK0000099914	379.2
No	WOLF-TV	D22	DT	LIC	HAZLETON, PA	BLANK0000086376	209.9
No	WJAC-TV	D22	LD	LIC	JOHNSTOWN, PA	BLCDT20110105ABC	334.7
No	WJAC-TV	D22	LD	LIC	JOHNSTOWN, PA	BLCDT20101105AAU	335.0
No	WTAE-TV	D22	LD	LIC	PITTSBURGH, PA	BLANK0000088086	428.2
No	WNEP-TV	D22	LD	LIC	SCRANTON, PA	BLCDT20091216AAH	169.8
No	WBXZ-LP	D23	LD	APP	BUFFALO, NY	BLANK0000052532	221.3
No	WETM-TV	D23	DT	CP	ELMIRA, NY	BLANK0000029984	120.5
No	WNPI-DT	D23	DT	LIC	NORWOOD, NY	BLEDT20050715ABZ	190.8
No	WHSU-CD	D23	DC	CP	SYRACUSE, NY	BLANK0000034940	0.0
No	W26BF	N26-	TX	LIC	ELMIRA, NY	BLTTL19960111AB	115.0
No	CICO-DT-92D21		DT	LIC	CLOYNE, ON	BLANKCANADA168	218.6
Yes	CICO-DT-53D22		DT	LIC	BELLEVILLE, ON	BLANKCANADA164	162.6
No	CICO-DT-28D22		DT	LIC	KITCHENER, ON	BLANKCANADA183	347.6
No	CHCH-DT-1 D22		DT	LIC	OTTAWA, ON	BLANKCANADA201	244.7
No	CKWS-DT-1 D23		DT	LIC	BRIGHTON, ON	BLANKCANADA165	170.8

Non-directional AM stations within 0.8 km:

WOLF 1490 L ND2 D SYRACUSE, NY BL20150609ABO

WOLF 1490 L ND2 N SYRACUSE, NY BL20150609ABO

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D22
 Mask: Full Service
 Latitude: 43 3 30.00 N (NAD83)
 Longitude: 76 9 59.00 W
 Height AMSL: 222.8 m
 HAAT: 0.0 m
 Peak ERP: 12.5 kw
 Antenna: DIE TLP-16H/CP 0.0 deg
 Elev Pattn: Generic
 Elec Tilt: 1.00

49.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	12.5 kw	100.4 m	43.5 km
45.0	7.60	100.2	41.1
90.0	10.6	91.0	41.5

135.0	3.25	-16.2	23.8
180.0	3.38	9.2	24.0
225.0	3.25	-24.9	23.8
270.0	10.8	60.3	37.0
315.0	8.00	102.7	41.6

Database HAAT does not agree with computed HAAT
 Database HAAT: 0 m Computed HAAT: 53 m

**Proposal 24.56 dBu contour crosses Canadian border, coordination required
 Distance to Canadian border: 81.5 km

Distance to Mexican border: 2672.4 km

Conditions at FCC monitoring station: Canandaigua NY
 Bearing: 260.2 degrees Distance: 90.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
 Bearing: 272.3 degrees Distance: 2424.3 km

Study cell size: 1.00 km
 Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%
 Maximum new IX to LPTV: 2.00%

 Interference to BLANK0000072128 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WDSS-LD	D21	LD	CP	SYRACUSE, NY	BLANK0000072128	
Undesireds:	WBLZ-LD	D22	LD	APP	SYRACUSE, NY	BLANK0000052577	13.5 km
	WCNY-TV	D20	DT	CP	SYRACUSE, NY	BLANK0000099898	1.1
	WROC-TV	D21	DT	LIC	ROCHESTER, NY	BLANK0000079899	122.0
	WNEP-TV	D21	DT	CP	SCRANTON, PA	BLANK0000093488	197.0
	W22DO-D	D22	LD	LIC	UTICA, NY	BLDTT20111024AES	78.4
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
6797.9	700,192	5746.7	610,087	4604.8	557,128	4602.8 556,222	0.04 0.16
Undesired	Total IX			Unique IX, before		Unique IX, after	

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WBLZ-LD D22 LD APP	22.1	2,634			2.0	906
WCNY-TV D20 DT CP	823.4	39,656	323.3	13,159	318.3	13,126
WROC-TV D21 DT LIC	771.5	38,168	236.2	11,677	229.2	10,492
WNEP-TV D21 DT CP	111.5	2,725	20.1	851	20.1	851
W22DO-D D22 LD LIC	41.2	698	3.0	14	3.0	14

Interference to BLANK0000086491 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance	
	WXXI-TV	D22	DT	LIC	ROCHESTER, NY	BLANK0000086491		
Undesireds:	WBLZ-LD	D22	LD	APP	SYRACUSE, NY	BLANK0000052577	115.4 km	
	WROC-TV	D21	DT	LIC	ROCHESTER, NY	BLANK0000079899	0.0	
	WCWN	D22	DT	LIC	SCHENECTADY, NY	BLANK0000083798	296.5	
	WOLF-TV	D22	DT	LIC	HAZLETON, PA	BLANK0000086376	258.9	
	WETM-TV	D23	DT	CP	ELMIRA, NY	BLANK0000029984	128.4	
	CICO-DT-53	D22	DT	LIC	BELLEVILLE, ON	BLANKCANADA164	134.3	
	CICO-DT-28	D22	DT	LIC	KITCHENER, ON	BLANKCANADA183	232.2	
	CHCH-DT-1	D22	DT	LIC	OTTAWA, ON	BLANKCANADA201	281.9	

	Service area			Terrain-limited		IX-free, before	IX-free, after	Percent New IX
14413.1	1,184,622	14040.6	1,169,558	13890.4	1,165,902	13781.1	1,163,426	0.79 0.21
91.4	0	91.4	0	67.0	0	67.0	0	0.00 0.00 (in
Canada)								

Undesired	Total IX	Unique IX, before	Unique IX, after
WBLZ-LD D22 LD APP	154.5	4,152	109.3
WROC-TV D21 DT LIC	3.0	0	2.0
WCWN D22 DT LIC	59.4	2,153	9.1
WOLF-TV D22 DT LIC	30.2	492	1.0
WETM-TV D23 DT CP	13.1	128	8.1
CICO-DT-53 D22 DT LIC	93.9	1,777	53.6
CICO-DT-53 D22 DT LIC	24.4	0	24.4
CICO-DT-28 D22 DT LIC	19.1	395	10.0
CHCH-DT-1 D22 DT LIC	1.0	44	0.0

(in Canada)

Interference to BLANK0000083798 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WCWN	D22	DT	LIC	SCHENECTADY, NY	BLANK0000083798	
Undesireds:	WBLZ-LD	D22	LD	APP	SYRACUSE, NY	BLANK0000052577	182.2 km
	WEDW	D21	DD	CP	STAMFORD, CT	BLANK0000036047	178.7
	WUTH-CD	D22	DC	LIC	HARTFORD, CT	BLANK0000080135	162.4

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WBPX-TV	D22	DT	LIC	BOSTON, MA	BLANK0000075858	208.0
WVMA-CD	D22	DC	LIC	WINCHENDON, MA	BLANK0000095385	141.4
WDVB-CD	D22	DC	LIC	EDISON, NJ	BLANK0000080314	208.6
WXXI-TV	D22	DT	LIC	ROCHESTER, NY	BLANK0000086491	296.5
WOLF-TV	D22	DT	LIC	HAZLETON, PA	BLANK0000086376	222.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
36640.3 1,909,518	30744.4 1,624,424	29382.9 1,601,635	29329.9 1,601,632	0.18 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WBLZ-LD D22 LD APP 73.0	101	53.0	3
WEDW D21 DD CP 8.0	109	1.0	72
WUTH-CD D22 DC LIC 687.9	12,838	343.6	5,295
WBPX-TV D22 DT LIC 312.5	5,051	33.2	704
WVMA-CD D22 DC LIC 547.3	8,385	199.4	2,230
WDVB-CD D22 DC LIC 55.9	2,143	7.0	285
WXXI-TV D22 DT LIC 114.7	1,462	46.3	577
WOLF-TV D22 DT LIC 362.2	7,984	208.6	2,920

Interference to BLDTT20111024AES LIC scenario 1

**IX: 6.74% interference caused

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W22DO-D	D22	LD	LIC	UTICA, NY	BLDTT20111024AES	
Undesireds:	WBLZ-LD	D22	LD	APP	SYRACUSE, NY	BLANK0000052577	80.8 km
	W21CP-D	D21	LD	LIC	GLOVERSVILLE, NY	BLDTT20090601AQC	66.8
	WECY-LD	D22	LD	LIC	Elmira, NY	BLANK0000024397	191.1
	WCBS-TV	D22	LD	LIC	NEW YORK, NY	BLANK0000092488	311.8
	WXXI-TV	D22	DT	LIC	ROCHESTER, NY	BLANK0000086491	195.2
	WCWN	D22	DT	LIC	SCHENECTADY, NY	BLANK0000083798	111.2
	WOLF-TV	D22	DT	LIC	HAZLETON, PA	BLANK0000086376	225.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
5372.3 314,889	4378.2 282,993	3793.8 274,138	3490.5 255,660	8.00 6.74

Undesired	Total IX	Unique IX, before	Unique IX, after
WBLZ-LD D22 LD APP 435.3	19,769	303.3	18,478
W21CP-D D21 LD LIC 3.0	5	1.0	0
WECY-LD D22 LD LIC 2.0	0	0.0	0
WXXI-TV D22 DT LIC 64.1	749	21.1	437
WCWN D22 DT LIC 547.3	8,135	482.3	7,668
WOLF-TV D22 DT LIC 45.0	464	11.0	257

Interference to BLANKCANADA164 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	CICO-DT-53	D22	DT	LIC	BELLEVILLE, ON	BLANKCANADA164	
Undesireds:	WBLZ-LD	D22	LD	APP	SYRACUSE, NY	BLANK0000052577	162.6 km
	WXXI-TV	D22	DT	LIC	ROCHESTER, NY	BLANK0000086491	134.3
	WCWN	D22	DT	LIC	SCHENECTADY, NY	BLANK0000083798	318.8
	CICO-DT-92	D21	DT	LIC	CLOYNE, ON	BLANKCANADA168	63.1
	CHCH-DT-1	D22	DT	LIC	OTTAWA, ON	BLANKCANADA201	164.0
	CKWS-DT-1	D23	DT	LIC	BRIGHTON, ON	BLANKCANADA165	55.4

10646.7	Service area	339,795	Terrain-limited	10611.6	338,261	IX-free, before	10037.2
						IX-free, after	335,681
						Percent New IX	0.01 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WBLZ-LD D22 LD APP	4.0	0	1.0
WXXI-TV D22 DT LIC	545.2	2,580	526.1
WCWN D22 DT LIC	2.0	0	0.0
CICO-DT-92 D21 DT LIC	9.1	0	8.1
CHCH-DT-1 D22 DT LIC	31.1	0	19.1
CKWS-DT-1 D23 DT LIC	9.1	549	0.0

Interference to proposal scenario 1
4.24% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WBLZ-LD	D22	LD	APP	SYRACUSE, NY	BLANK0000052577	
Undesireds:	WDSS-LD	D21	LD	CP	SYRACUSE, NY	BLANK0000072128	13.5 km
	WXXI-TV	D22	DT	LIC	ROCHESTER, NY	BLANK0000086491	115.4
	WCWN	D22	DT	LIC	SCHENECTADY, NY	BLANK0000083798	182.2
	W22DO-D	D22	LD	LIC	UTICA, NY	BLDTT20111024AES	80.8
	WOLF-TV	D22	DT	LIC	HAZLETON, PA	BLANK0000086376	209.9
	CICO-DT-53	D22	DT	LIC	BELLEVILLE, ON	BLANKCANADA164	162.6
	CHCH-DT-1	D22	DT	LIC	OTTAWA, ON	BLANKCANADA201	244.7

Undesired	Total IX	Unique IX	Prcnt Unique IX
WDSS-LD D21 LD CP	36.1	736	14.1
WXXI-TV D22 DT LIC	325.9	15,921	210.6
WCWN D22 DT LIC	105.2	4,589	18.0
W22DO-D D22 LD LIC	175.3	9,610	100.1

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WOLF-TV D22 DT LIC	4.0	203	1.0	70	0.03
CICO-DT-53 D22 DT LIC	7.0	348	2.0	90	0.05
CHCH-DT-1 D22 DT LIC	1.0	0	0.0	0	0.00

ASSIGNMENT OF INTERFERENCE ACCEPTANCE AGREEMENT

THIS AGREEMENT, made as of the 31st day of July, 2018, between Renard Communications Corp. ("Renard"), a New York Corporation, 401 W. Kirkpatrick St., Syracuse, NY 13204, and Public Council of Central New York, Inc., d/b/a WCNY ("WCNY"), a Not-For-Profit Corporation, 415 W. Fayette St. Syracuse, NY 13204.

Renard is licensee of WTVU-CD, Syracuse, NY presently operating on UHF channel 22 (Fac. ID #617), and WCNY is licensee of W22DO-D, channel 22, Utica, NY (Fac. ID #167539).

Due the imminent channel repacking of UHF spectrum, the parties consent to the assignment of the original Interference Acceptance Agreement ("IAA") dated September 11, 2011 to Renard's commonly-owned entity Metro TV, Inc.

Metro TV, Inc. ("Metro") is licensee of WBLZ-LD, Syracuse, NY (Fac. ID #64353). Whereas, as part of the Federal Communications Commission's spectrum repacking plan, WTVU-CD has been assigned channel 25 and WBLZ-LD has been assigned channel 22.

To permit similar coverage for the Syracuse station, WCNY consents that the IAA may be assigned to Metro and that WBLZ-LD may be substituted in the Agreement in place of WTVU-CD. As in the IAA, WBLZ-LD would operate with a maximum power of 15 kW ERP on channel 22 utilizing a non-directional antenna at the same site as WTVU-CD and would result in no change to the signal overlap with W22DO-D as presently exists with WTVU-CD.

This agreement shall bind and inure to the benefit of any respective successors and assigns of the respective parties.

RENARD COMMUNICATIONS CORP. (ASSIGNOR)

By: Craig Fox 7/31/18
Craig Fox, President Date

METRO TV, INC. (ASSIGNEE)

By: Craig Fox 7/31/18
Craig Fox, President Date

**PUBLIC BROADCASTING COUNCIL OF
CENTRAL NEW YORK, INC.**

By: Robert J. Daino 10/19/18
Robert J. Daino, President & CEO Date

INTERFERENCE ACCEPTANCE AGREEMENT

THIS AGREEMENT, made as of the 23rd day September, 2011, between Renard Communications Corp. ("Renard"), a New York Corporation, 401 W. Kirkpatrick St., Syracuse, New York 13204, and Public Broadcasting Council of Central New York, Inc., d/b/a WCNY ("WCNY"), a Not-for-Profit Corporation, 506 Old Liverpool Road, Liverpool, New York 13088.

Renard is licensee of WTVU-LP, ch. 22, Syracuse, NY (FCC Facility #617), and WCNY is permittee of W22DO-D, Utica, NY (FCC Facility #167539). WCNY agrees that with regard to the digital conversion and technical improvement of facilities of WTVU-LP for digital operation, it has no objection to an increase in the power of WTVU-LP to a maximum 15kW ERP utilizing a non-directional antenna at its presently authorized location and antenna height.

This agreement shall bind and inure to the benefit of any respective successors and assigns of the parties.

RENARD COMMUNICATIONS CORP.

BY: Craig L. Fox 9/23/11
Craig Fox, President Date

PUBLIC BROADCASTING COUNCIL OF
CENTRAL NEW YORK, INC.

BY: Robert J. Daino 9/23/11
Date
PRINT NAME: ROBERT J DAINO
TITLE: PRESIDENT & CEO

WBLZ-LD, Syracuse, NY - Comparision of CP & Proposed 24.56 dBu (50,10) Contours

WBLZ-LD-D.A

Latitude: 43-03-29.76 N
Longitude: 076-10-00.27 W
ERP: 12.50 kW
Channel: 22
Frequency: 521.0 MHz
AMSL Height: 222.8 m
Elevation: 114.3 m
Horiz. Pattern: Directional
Vert. Pattern: Yes
Elec Tilt: 1.0
Prop Model: NoProp

WBLZ-LD-D.C

0000052577
Latitude: 43-03-29.76 N
Longitude: 076-10-00.27 W
ERP: 15.00 kW
Channel: 22
Frequency: 521.0 MHz
AMSL Height: 222.8 m
Elevation: 114.3 m
Horiz. Pattern: Omni
Vert. Pattern: Yes
Elec Tilt: 1.0
Prop Model: NoProp

