

MINOR CHANGE APPLICATION TO MODIFY
BLFT20111219AAA, TRANSLATOR STATION W283BO
CH283D, Lancaster, Ohio

June 2013

TECHNICAL STATEMENT

This technical statement and attached exhibits were prepared on behalf WLOH Radio Company (WLOH). The applicant proposes to relocate licensed translator W283BO to another site nearby the current one in order to better serve the Lancaster. The applicant will continue to rebroadcast WLOH (AM), 1320kHz, Lancaster, Ohio in accordance with MB Docket No. 07-172, RM-11338, Amendment of Service and Eligibility Rules for FM Broadcast Stations, adopted June 29, 2009. Since the 60dBu contour of the proposed facility will be entirely encompassed by the 2mV/m daytime contour of WLOH this application will be considered a fill-in translator for WLOH (AM). Exhibit A demonstrates that the 60dBu contour of the proposed translator will not extend beyond the 2mV/m contour of WLOH nor will it extend beyond 25 miles (40km) of the WLOH transmitter.

Exhibit B demonstrates that the proposed operation for W283BO at the proposed coordinates will comply with all pertinent interference requirements to other stations.

Exhibit C demonstrates compliance with 74.1233(a)(1) of the Commission's rules requiring any minor change of a translator's facilities to continue to provide 1mV/m service to some portion of its previously authorized service area.

WLOH is proposing to locate W283BO to an existing tower, therefore, the FAA was not apprised of this proposal and the tower is not registered with the FCC. The existing tower W283BO wishes to relocate to is 90ft. AGL and although it does not meet the TOWAIR glide slope analysis, it is believed that the tower is in accordance with 46CFR 77.9(e)(1) which states:

(e) You do not need to file notice for construction or alteration of:

(1) Any object that will be shielded by existing structures of a permanent and substantial nature or by natural terrain or topographic features of equal or greater height, and will be located in the congested area of a city, town, or settlement where the shielded structure will not adversely affect safety in air navigation;

Since the existing tower proposed to relocate W283BO is 27m (90ft) AGL and there are two other taller towers within 30ft of the subject tower (ASR 1015823-40m/131ft.AGL and ASR 1214021- 37.5m/123ft.

AGL), and since the tower site is in the urbanized downtown Lancaster, OH. area, it believed that the provisions of 46CFR 77.9(e)(1) applies and the tower is not required to obtain an ASR number.

WLOH will remove the existing two- bay ERI FM antenna from the top of the WLOH AM tower and relocate it to the proposed tower. When the antenna is removed, WLOH will determine operating power by the indirect method following removal of the FM antenna and will file an FCC form 302-AM to re-establish direct measurements following removal.

An ERI 2-bay $\frac{1}{2}$ wavelength spaced antenna (LPX-2HW) will be used for transmitting the proposed translator's signal at 9m AGL. The program "FM Model for Windows" produced by the OET was used to predict the maximum RF Radiation at ground level. It was determine that the maximum RFR will be $29.5\mu\text{W}/\text{cm}^2$. This level is 14.8 percent of the $\mu\text{W}/\text{cm}^2$ maximum allowable level for public exposure at 2m. AGL.

Respectfully Submitted

A handwritten signature in cursive script, appearing to read "Bertram Goldman".

Bertram Goldman
Goldman Engineering Mgmt. LLC
7219 Highland Heather Lane
Dallas, TX. 75248

EXHIBIT A

Proposed W283BO 60dBu Vs. WLOH 2mV/m and 40km Radius

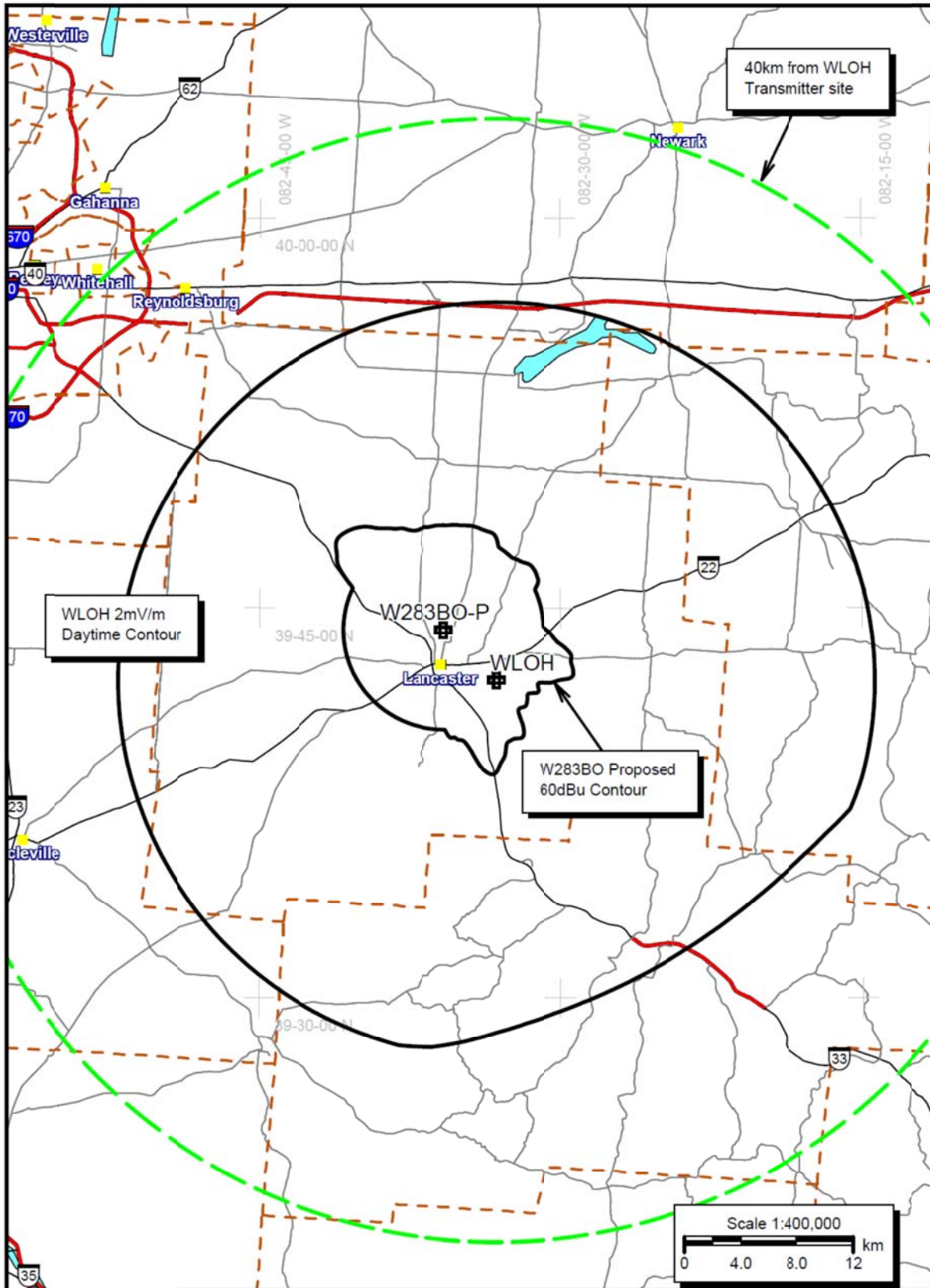


EXHIBIT B

Interference Study for W283BO, Lancaster, OHIO

ComStudy 2.2 search of channel 283 (104.5 MHz Class D) at 39-44-09.0 N, 82-35-51.0 W.
 NAD27, Power 250 watts, HAGL, 9.1m, COR AMSL Height 360m
 CDBS Data as of 6/25/2013

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE	
W283BO	LANCASTER	OH	283	D	5.19	0.00	133.7	-52.86 dB	Existing*
WQKT	WOOSTER	OH	283	B	131.24	0.00	26.4	1.38 dB	
WJFY-LP	NEWARK	OH	282	LP100	30.60	13.00	31.0	2.55 dB	
WYWH-LP	ATHENS	OH	283	LP100	62.54	24.00	135.6	3.48 dB	
W283BL	MALTA	OH	283	D	64.26	0.00	99.0	4.31 dB	
NEW	NEWARK	OH	284	D	37.07	0.00	26.6	6.77 dB	
WCVO	GAHANNA	OH	285	A	43.18	0.00	328.8	8.66 dB	
WMNI-FM	WORTHINGTON	OH	280	A	50.64	0.00	300.7	9.15 dB	
WMNI-FM	WESTERVILLE	OH	280	A	54.62	0.00	329.6	14.96 dB	
WWOH-LP	MARIETTA	OH	283	LP100	104.18	24.00	109.5	15.33 dB	
WQKT	WOOSTER	OH	283	B	131.24	0.00	26.4	16.82 dB	
WNNP	RICHWOOD	OH	282	A	88.94	0.00	315.7	18.06 dB	
WTUE	DAYTON	OH	284	B	138.18	0.00	269.9	18.34 dB	
NEW	NEWARK	OH	286	D	38.70	0.00	21.8	18.37 dB	
WNKE	NEW BOSTON	OH	281	C0	122.23	0.00	197.1	21.05 dB	
WTUE	DAYTON	OH	284	B	138.25	0.00	269.9	22.13 dB	
WTUE	DAYTON	OH	284	B	137.93	0.00	270.1	24.84 dB	
W283AQ	CROSS LANES	WV	283	D	168.21	0.00	151.8	28.38 dB	
WWKC	CALDWELL	OH	285	A	84.99	0.00	83.9	30.28 dB	

*W283BO operating as proposed is MX to the existing licensed operation and therefore qualifies as a minor change.

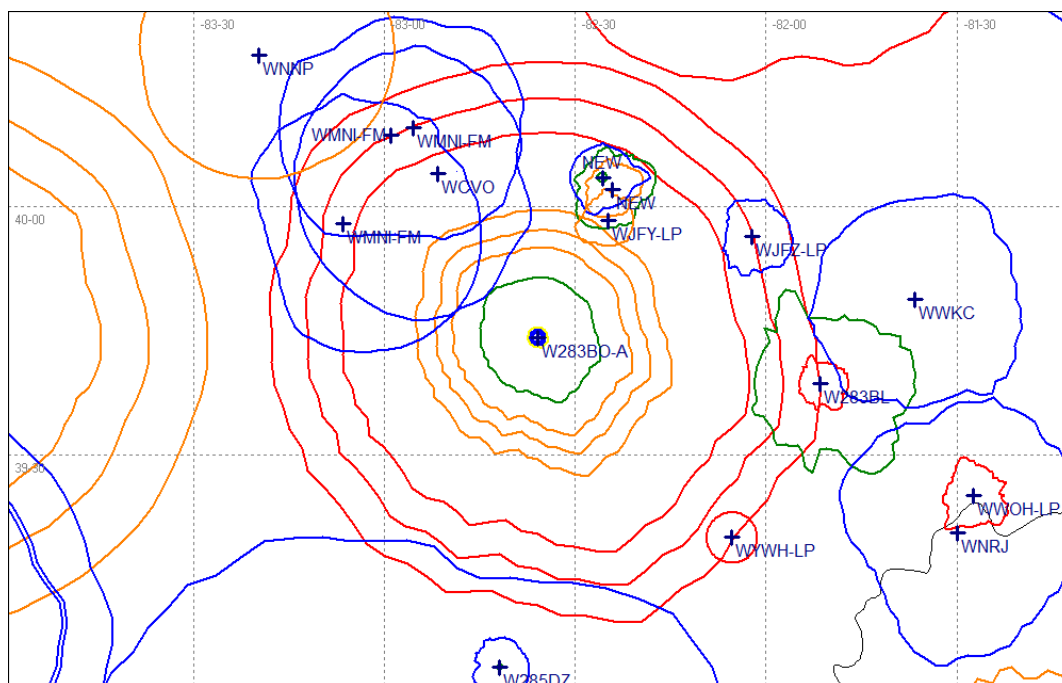


EXHIBIT C

W283BO Licensed Vs. Proposed Service Areas, 74.1233(a)(1) Compliance

