

**Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554**

In the matter of Form 349 Application of

SUN SIGNALS LLC

**For a Minor Change to the Licensed Facility
Of FM Translator W276BV at Greenwich, Connecticut)
(Seeks Change to New Rochelle, New York.))**

**File Number:
BPFT-20180612AAX**

Facility ID: 158099

REPLY TO INFORMAL OBJECTION AND TECHNICAL STATEMENT

On July 31, 2018, the complainant, Bridgelight, LLC submitted an Informal Objection to the above-captioned application. For the following reasons, the applicant respectfully requests dismissal of the Informal Objection and a grant of its pending application.

1. APPLICATION IS NOT REPETITIOUS. The above-captioned application differs from previous applications in that the proposed ERP has been substantially lowered and the proposed directional antenna pattern modified to accommodate the present allocation situation. We seek to provide AM Improvement to the service of the locally owned and operated New Rochelle 500 Watt daytime AM station WVOX. We have no desire, reason, or motive to impede Bridgelight's expanded service for its W276AQ, as Bridgelight's Objection erroneously suggests.¹

2. THE THEORETICAL INTERFERENCE ISSUES ALLEGED NO LONGER EXIST.
By its own admission, Bridgelight's W276AQ signal is no longer listenable in the proposed W276BV coverage area, and well beyond. Please see declaration of Bridgelight's engineer in Exhibit 1 hereto and the Technical Statement in the above-captioned application. Bridgelight's October 2015 Form 349 application² (BPFT-20151023AKB) states that extreme interference was being received from the new

¹ On the other hand, we believe it is clear that Bridgelight does have reason, motive, and the intent to frustrate our modification of W276BV to serve primary AM station WVOX(AM). Bridgelight's application trail has established that it wishes to expand the audience of W276AQ primary station WJUX(FM), 129.56 km away in South Falls, NY. It follows that Bridgelight's motive is clearly the fact that W276AQ will require a more directional antenna to protect W276BV if the above-captioned application is granted. It may be noted that an earlier Bridgelight application to employ just such an antenna was pending (File No. BPFT-20170209AAC) when Bridgelight requested its dismissal in a subsequent application (File No. BPFT-20180612ABE.) Bridgelight's subsequent application was filed shortly after the subject W276BV application, and both applications remain pending.

² Bridgelight's application File No. BPFT-20151023AKB requesting displacement of W276AQ to Channel 272D was superseded on December 9, 2015 because W276AQ was forced to remain on Channel 276D due to an Informal Objection from full-service Class A station WBAB on Channel 272A.

WBZO nondirectional operation as of December 2014 (File No. BLH-20141218AFF.) This co-channel 3,000 Watt Class A facility in Bayshore, NY is located only 51.2 km from the area of alleged interference. Bridgelight contended in 2015 that a displacement waiver to Channel 272D was warranted due to the new interference from WBZO. Since no subsequent changes have been authorized, that interference continues to the present day. Of the essence here is the fact that since the interference to W276AQ from WBZO in the proposed service area remains overwhelming, the subject application of W276BV will no longer be the cause of new interference.

3. W276BV HAS REASONABLE ASSURANCE OF SITE AVAILABILITY. Bridgelight's claim in this regard is false. Please see letter from Site Manager Tom Crowley in Exhibit 2.

4. BRIDGELIGHT'S LISTENER DECLARATIONS ARE OBSOLETE AND QUESTIONABLE. All of Bridgelight's listener declarations are pro forma and dated in 2014. They date back several months prior to the upgrade of WBZO that obliterated the already weak to non-existent signal of W276AQ in the applicant's proposed service area from where the 2014 pro forma complaints originated. With the W276BV modification yet to be authorized as of 2014, every listener who submitted a pro forma declaration must have necessarily relied on Bridgelight's representation that "the new radio station might interfere with listening." So the complaints were all hypothetical in 2014, and still are in 2018. At the time (in 2014) we attempted to contact each of the alleged listeners. We found that not one of them had a published phone number, nor did any of them appear to reside at the address claimed, casting suspicion on the veracity of the alleged complaints. However, notwithstanding this mystery, under the present circumstances of increased interference from WBZO, they have lost any validity they may have once had. With the extant high level of severe interference from WBZO, there is little to no chance that the current proposed modification of W276BV will cause new interference to current listeners to W276AQ.

5. BRIDGELIGHT'S ENGINEERING DECLARATION IS NOT ACCURATE OR VALID. Bridgelight's engineer Donald Lynch of Kerrville, TX claims personal knowledge of the facts presented in the Informal Objection. This statement cannot be true. All of the listener declarations were created in 2014. In 2014, Bridgelight's technical consultant was Robert H. Branch, Jr. of Lynchburg, VA. Mr. Branch served as technical consultant to Bridgelight and prepared multiple applications on their behalf up to and including the amendment dated April 22, 2017 to pending application File No. BPFT-20170209AAC. Mr. Branch also prepared the application (File No. BPFT-20151023AKB) stating that W276AQ was experiencing such egregious interference from the modified facilities of co-channel WBZO that Bridgelight argued for a displacement waiver to different channel. The first application certified by Donald Lynch, however, is dated June 12, 2018 (File No. BNPFT-20180612ABE.) Clearly, Mr. Lynch cannot possess personal knowledge of the alleged interference, or listener declarations dated in 2014. Further, the analysis presented in the Informal Objection ignores the new interference to W276AQ from WBZO.

6. A LONGLEY-RICE PROPAGATION STUDY PREDICTS THAT W276AQ CANNOT BE RECEIVED IN MOST ALL OF THE AREA OF ALLEGED INTERFERENCE.

As shown in Exhibit 3, a Longley-Rice study of real world propagation indicates that the dominant signal in the area on Channel 276 is, as expected, co-channel WBZO. WBZO is predicted to be as much as 8 dB stronger in several locations cited by complainants. Throughout most of the areas cited in the Objection, and by Bridgelight's own admission, and given the low capture ratio of today's receivers, the signal of the complainant's translator W276AQ barely rises to a level where it would be detected - let alone listenable - underneath the strongly dominant signal of WBZO. It is also noted that again, this finding was established even before the WBZO modification.

7. FIELD TESTS CONFIRM THAT THE COMPLAINANT'S W276AQ IS INAUDIBLE IN MOST OF THE AREAS OF ALLEGED INTERFERENCE. On August 6, 2014, John Kosinski, an experienced veteran broadcaster with first-hand personal knowledge of the facts, conducted "real world" field tests throughout the area. Mr. Kosinski has resided in the area for over five decades. He is thoroughly familiar with FM reception issues, with field probe measurements, and with the geography and topography of the City of New Rochelle and vicinity. This field work confirms that the predicted results of the Longley-Rice study are accurate and hold true in the real world. The field work determined that even in 2014, due to the predominance of the strong WBZO signal, it was not even possible to hear W276AQ at most of the alleged locations on an ordinary receiver. The same result was found to hold true in an automobile, and in general around the vicinity cited in listener declarations. Please refer to the Statement of John Kosinski attached as Exhibit 4. Furthermore, the field tests were conducted prior to the WBZO modification that caused so much interference as to prompt Bridgelight to request displacement to a different channel. The possibilities for "sniffing out" a usable signal from W276AQ in the alleged areas of theoretical interference are even more remote in the present day.

8. OPPORTUNITY TO RESOLVE COMPLAINT(S). Under Section 73.1203, the Commission has routinely allowed FM translator applicants to address any legitimate complaints of actual interference submitted by actual listeners, and has provided applicants a chance to resolve the interference before taking action to dismiss a pending application. The applicant hereby respectfully requests the same opportunity.

9. ANY AREA LISTENER COMPLAINT CAN BE EASILY RESOLVED. The complainant's application shows that W276AQ rebroadcasts WJUX via the HD4 signal of WNSH(FM). As shown in Exhibit 6, WNSH places a 65.7 dBu F(50,50) service contour at the applicant's proposed site. The WNSH signal is even stronger moving closer to W276AQ. Any complaints can thus be easily resolved, and listeners provided with significantly improved reception of Bridgelight's programming, by use of an ordinary HD FM receiver. The applicant hereby pledges to offer and provide such receivers for the homes and/or cars of legitimate current complainants as of the time of commencement of operation pursuant to grant of its application.

10. SUMMARY. In summary, the applicant submits that dismissal of its application is neither warranted, nor required by the Commission's Rules, nor in the public interest. For the reasons cited above, the applicant respectfully requests dismissal of the Informal Objection of Bridgelight LLC, and a grant of its pending application as a fill-in for locally owned and operated daytime AM station WVOX.

I have held a First Class Commercial Radiotelephone License or perpetual General Class Radiotelephone License continuously since 1963. My qualifications have long been a matter of record at the Commission. I hereby state under penalty of perjury that the preceding information and statements are true and correct to the best of my knowledge and belief.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'D. Jackson', with a stylized flourish at the end.

Dennis Jackson
Operating Manager
Sun Signals LLC

November 16, 2018

Exhibit 1

Declaration of Bridgelight's Engineer in BPFT-20151023AKB

DECLARATION OF ROBERT H BRANCH, JR.

I, Robert H. Branch, Jr., am a qualified broadcast engineering consultant.

I consult for Bridgelight LLC ("Bridgelight") for technical matters in the New York City and Northern New Jersey area. Bridgelight, LLC is the licensee of FM translator W276QQ, 103.1 MHz, Fort Lee, New Jersey. The translator has continuously served the public since 1986.

In December 2014, co-channel station, WBZO, 103.1 MHz, Bay Shore, New York went on the air with modified and upgraded facilities. The new facility resulted in a coverage increase in the area where W276AQ provides coverage and has listeners, including significant areas of interference within the licensed f(50,50) 60 dBu contour of W276AQ operating facility.

On July 28, 2015, I drove with the General Manager, Rob Taylor, to the coverage areas of W276AQ that were the most affected by the recent WBZO upgrade. At the time of WBZO turning on its upgraded facilities, through the time of testing and continuously since the testing to the present, W276AQ was operating at full-power with the licensed facilities. The areas of interference are described below. The areas have one or more of the component described within each circle area described on the attached map.

1. Garden State Parkway: North of Exit 165 to NY State Line.

Moderate incoming interference to W276AQ from WBZO resulting in high levels of noise
W276AQ unlistenable due to incoming interference
Reception Flip flops between W276AQ and WBZO
W276AQ totally overtaken by WBZO, programming from WBZO intelligible

2. Exit 153 Clifton, NJ.

Moderate incoming interference to W276AQ from WBZO resulting in high levels of noise
Reception Flip flops between W276AQ and WBZO

3. Exit 142 Union, NJ.

W276AQ unlistenable due to incoming interference from WBZO
Flip flops between W276AQ and WBZO

4. Route 4: Hackensack, New Jersey to Paramus, New Jersey.

Moderate interference to W276AQ from WBZO resulting in high levels of noise
W276AQ unlistenable due to incoming interference

5. Route 3: Rutherford, New Jersey to Clifton, New Jersey.

Moderate interference to W276AQ resulting in high levels of noise
W276AQ unlistenable due to incoming interference
Flip flops between W276AQ and WBZO

6. NJ Turnpike, Western Spur, between Exit 15E and 15W.

W276AQ unlistenable due to incoming interference from WBZO
Flip flops between W276AQ and WBZO

7. NJ Turnpike, between exit 15E and 13A.

W276AQ unlistenable due to incoming interference from WBZO
Flip flops between W276AQ and WBZO
W276AQ totally overtaken by WBZO, programming from WBZO intelligible

8. I-78: From the Garden State Parkway and the NJ Turnpike.

W276AQ unlistenable due to incoming interference from WBZO
Flip flops between W276AQ and WBZO
W276AQ totally overtaken by WBZO, programming from WBZO intelligible

9. Cross County Parkway: Between Yonkers, New York and Mt. Vernon, New York.

Flip flops between W276AQ and WBZO
W276AQ totally overtaken by WBZO, programming from WBZO intelligible

10. Cross Bronx Expressway: Exit 1C to 6A.

W276AQ unlistenable due to incoming interference from WBZO
Flip flops between W276AQ and WBZO
W276AQ totally overtaken by WBZO, programming from WBZO intelligible

11. Palisades Interstate Parkway: Between Exit 1 and Exit 2 – South of Aliphe, NJ.

Moderate interference to W276AQ resulting in high levels of noise from WBZO
W276AQ unlistenable due to incoming interference from WBZO
Flip flops between W276AQ and WBZO
W276AQ totally overtaken by WBZO, programming from WBZO intelligible

12. Bergenline Avenue: Between 87th Street in North Bergen to 31th in Union City.

Moderate interference to W276AQ resulting in high levels of noise from WBZO

W276AQ unlistenable due to incoming interference from WBZO

Flip flops between W276AQ and WBZO

13. County Route 505 (River Road): Between Route 5 in Edgewater to Port Imperial Boulevard in West New York, NJ and Port Imperial Boulevard: Between County Route 505 (River Road) in West New York, NJ and Baldwin Avenue in Weehawkin.

Moderate interference to W276AQ resulting in high levels of noise from WBZO

W276AQ unlistenable due to incoming interference from WBZO

Flip flops between W276AQ and WBZO

W276AQ totally overtaken by WBZO, programming from WBZO intelligible

14. Route 495: From The New Jersey Turnpike to the Lincoln Tunnel Toll Plaza.

W276AQ unlistenable due to incoming interference from WBZO

Flip flops between W276AQ and WBZO

W276AQ totally overtaken by WBZO, programming from WBZO intelligible

Attached is an exhibit that I prepared detailing the interfering area overlayed with a Longley Rice map showing the predicted area of interference, as well as the f(50,50) 60 dBu service contour of the FM translator. The map shows areas shaded in Grey where interference is predicted. The numbered interference sites are indexed according to the numbers and descriptions detailed above. Also shows is the f(50,50) 60 dBu contour of the W276AQ licensed facility. Interference is shown and described within this contour.

I declare under penalty of perjury under the laws of the United States that the foregoing is based on my personal knowledge or belief and is true and correct.

Dated this 23rd day of October, 2015.



Robert H. Branch Jr.

Exhibit 2

Certification of Reasonable Assurance of Site Availability



North American Mobile Systems, Inc.

37-03 Woodside Avenue

Woodside, NY 11377

(718) 898-8700

June 6, 2014

Mr. Dennis Jackson
Technical Consultant
19 Boas Lane
Wilton, CT 06897-1301

Dennis:

North American Mobile Systems, the rooftop managers for the Trump Organization is please to submit the following for your review

Trump New Rochelle

2 (two) Scala CA-2CP antenna on Northwest corner, mounted on the inside of the parapet rooftop wall and extending above the parapet summit.

The mounts, masts and antenna will need to be approved and stamped by our PE with regard to structural integrity and wind loads wet and dry. This will be charged to your account

Installation will be done by NE Towers, approved Trump vendor for tower and antenna work. This also to your account.

Electrical sub meter to be installed, your responsibility as well as ongoing monthly electrical usage

Floor space mechanical room immediately below the rooftop, cabling to run thru the dog house installed inside the parapet walls. Maximum floor space 6 ft. x 6 ft. with maximum height of 8 ft.

Monthly Rental \$3,500.00 plus 2 ½% annual increase

Term 5 (five) year term with 2 (two) 5 year options (total 15 years if you exercise the options.)

Dennis I hope this works for you.

Thanks and Best regards.

Tom Crowley

Exhibit 3

**A LONGLEY-RICE PROPAGATION STUDY SHOWS THAT THE COMPLAINANT'S W276AQ
CANNOT BE RECEIVED IN MOST ALL OF THE AREA
OF ALLEGED INTERFERENCE, EVEN PRIOR TO THE WBZO MODIFICATION.**

Key: WBZO signal is stronger in blue terrain blocks. W276AQ is stronger in pink blocks.

The two signals may be within a few dB of each other in white areas.

As shown below, co-channel WBZO, a 3,000 Watt station in Bayshore, NY only 51.2 km away from the alleged interference area, is the dominant signal in the area on Channel 276. WBZO is seen to be fully 8 dB stronger in one location cited by an alleged listener, and 3 dB stronger in the second.

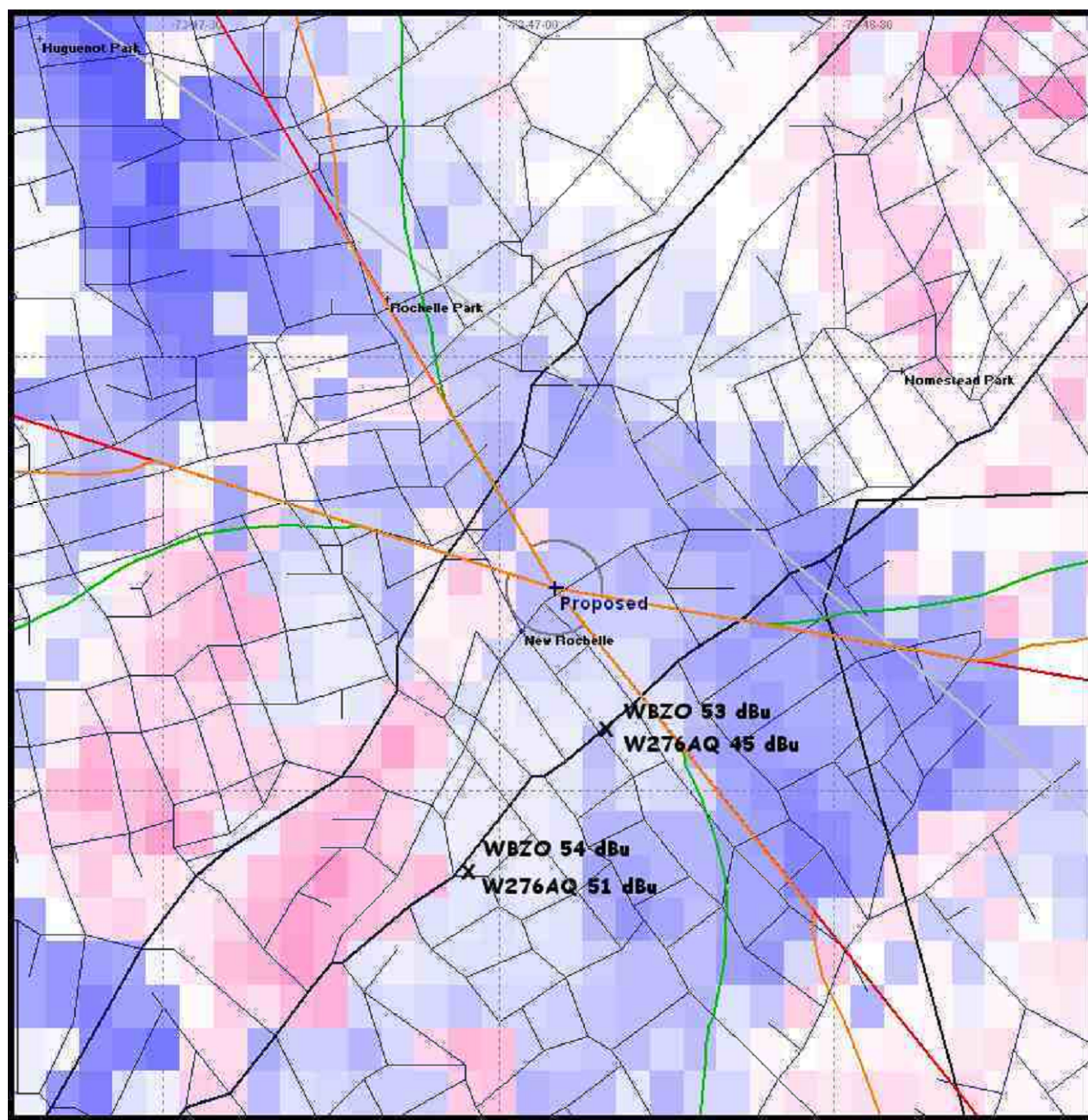


Exhibit 4

Statement of Field Test Results

Statement of John Kosinski

I, John Kosinski, hereby state as follows:

1. I have been employed in New Rochelle, NY for twenty-one years and know the city well. I am also well familiar with the paid religious programming carried on W276AQ from its primary feeder station WJUX in Monticello, NY near the Pennsylvania border, and with the "oldies" program format on WBZO in nearby Bayshore, NY. The two are easily distinguished.
2. On August 6, 2014, I drove my 2012 Ford Focus with stock factory radio between, and throughout the vicinity of, each of the locations noted in the "listener declaration" template completed by Wayne Almonte and submitted by Bridgelight, Inc. in its objection to the pending application of Dennis Jackson for a minor change to FM translator W276BV in Greenwich, CT for use as a fill-in for WVOX(AM) in New Rochelle, NY.
3. At various locations, including each of those specified in the "listener declaration," I also parked my car and walked around each vicinity with a Panasonic RF-1170 portable radio in order to probe more carefully.
4. At each and every location specified in the "listener declaration," and on both the car radio and the portable radio, WBZO, a 3,000 Watt station in nearby Bayshore, NY, was dominant on the 103.1 MHz. frequency. WBZO covered up Bridgelight's 35 Watt translator W276AQ from Fort Lee, NJ, such that the latter was inaudible.
5. In downtown New Rochelle, including each of the downtown locations cited in the "declaration," WBZO was the only station I heard on 103.1. Driving around the western edges of New Rochelle, I noted a few areas where W276AQ mixes with WBZO. The mix takes the form of interference to WBZO, which is otherwise clear. This occurred along short stretches on a few streets for no more than 33 meters at a stretch. At the worst points where the stations mix, neither WBZO nor W276AQ is listenable. There, 103.1 MHz. is nothing but a jumble of two stations fighting for dominance. However, in the jumble generally, the dominant station is always WBZO. At no point was W276AQ the dominant station on 103.1 in New Rochelle.

I hereby declare under penalty of perjury this 20th day of August, 2014 that the preceding statements are each true and correct to the best of my knowledge and belief.

Signed: 
John Kosinski

Exhibit 5

W276AQ Primary station WNSH places a 65.7 dBu F(50,50) service contour over the alleged interference area.

WNSH thus offers solid reception of its HD4 signal throughout the area.

The applicant proposes to offer the alleged listeners HD receivers, if requested, in order to hear the programming broadcast on W276AQ.



CERTIFICATE OF SERVICE

I, Dennis Jackson, hereby certify that a copy of the preceding Reply to Informal Objection was sent on November 16, 2018 by USPS mail postage paid to the following:

Bridgelight, LLC
127 White Oak Lane
Old Bridge, NJ 08857

Keenan P. Adamchak, Esq.
Fletcher, Heald & Hildreth, PLC
1300 17th St N, 11th Floor
Arlington, VA 22209

And by e-mail with attached PDF to the following:

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