

**MINOR CHANGE /CORRECTION OF COORDINATES**  
**CONVERT FORMER MAIN TO AUXILIARY**  
**MID-ISLAND BROADCASTING LIMITED PARTNERSHIP**  
**WBZO (FM) RADIO STATION**  
**CH 276A - 103.1 MHZ - 3.0 KW**  
**BAY SHORE, NEW YORK**  
**November 2002**

**TECHNICAL STATEMENT**

This Technical Statement was prepared on behalf of Mid-Island Broadcasting Limited Partnership (“Mid-Island”), licensee of radio station WBZO, Channel 276A, Bay Shore, New York.<sup>1</sup> Mid-Island wishes to license its former licensed facilities of WBZO (as authorized under BLH-19930212VE) as an auxiliary antenna system for WBZO to operate at times when the main antenna system is out of service for repairs or maintenance. While this change can normally be implemented on FCC Form 302-FM, it was discovered during the preparation of the application for license that the geographic coordinates of the former licensed site were at variance with the tower registration for this existing tower. The tower owner, the co-located AM station, corrected the tower registration in June 2000 in connection with an upgrade for the AM station. Since the correction of coordinates is more than 3 seconds, Mid-Island is unable to convert the former main to an auxiliary using FCC Form 302-FM. Therefore, Mid-Island herein proposes to correct the geographic coordinates of the existing former license main site for WBZO. It is noted that the 60 dBu contour of proposed auxiliary/former main antenna does not extend beyond the 60 dBu contour of the currently licensed WBZO. See Technical Exhibit #1 for details.

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1) Mid-Island recently completed the construction of a new tower site location for WBZO, as authorized under BLH-20020611AEU. This replaced the former licensed facilities for WBZO, BLH-19930212KA.

Since this application is for correction purposes only, the Federal Aviation Administration has not been contacted. The tower has been registered with the Commission and assigned Antenna Structure Registration #1006778. Because the WBZO former main is co-located with an AM station, the use of the Commission's worksheet to demonstrate that this proposal complies with the radio frequency radiation limits was not possible. Therefore, attached as Exhibit A is a study which shows the existing/former WBZO antenna, in conjunction with the co-located AM facility, meets the Commission's radio frequency radiation rules. Further, BLH-19930212VE specified the use of a Shively Labs directional FM antenna system. This system is still in place and will not be changed or otherwise affected by this instant application. As such, while the directional tabulation is listed on FCC Form 301, Section III-B, it is respectfully requested that submission of an antenna proof of performance not be made a condition on this herein sought permit. Further, that no surveyor's statement or engineer's statement need be submitted with the application for license, since no changes are proposed. It is also respectfully requested that no condition be placed on the permit requiring pre- or post construction measurements to be taken on co-located WLIE. Since the WBZO antenna system has been in place for nearly ten years, and no actual construction is proposed by this application, there will be no impact to the facilities of WLIE. All other exhibits used to certify the application have been forwarded to the applicant and are available for submission to the Commission upon request.

**Graham Brock, Inc. - Broadcast Technical Consultants**

**WBZO Former License**

BLH-19930212KA  
Latitude: 40-45-08 N  
Longitude: 073-12-51 W  
ERP: 3.00 kW  
Channel: 276A  
Frequency: 103.1 MHz  
AMSL Height: 101.0 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: FCC

**WBZO License**

BLH-20021008AAG  
Latitude: 40-45-03 N  
Longitude: 073-12-49 W  
ERP: 1.55 kW  
Channel: 276A  
Frequency: 103.1 MHz  
AMSL Height: 156.0 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: FCC

**WBZO LICENSED 60 dBu**

**WBZO PROPOSED AUX. 60 dBu**

**TECHNICAL EXHIBIT #1  
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