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Federal Communications Commission  
Media Bureau, Video Division  
445 12<sup>th</sup> St. S.W.  
Washington, D.C. 20554

In evaluating the proposed STA for licensed facilities for WGAY (FCC FILE# BLTTL-20060106ABD), an evaluation of possible interference according to FCC rules was conducted.

## PROPOSED STATION EVALUATION TO POSSIBLE INTERFERENCE CRITERIA

Proposed facility does not interfere with FCC Monitoring Stations

Proposed facility does not interfere with West Virginia quite zone

Proposed facility does not interfere with Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is less than 0.5 km away from AM broadcast stations WKIZ and WKWF. The applicant for the proposed facilities will work with these stations in accordance with FCC rule 73.1692 to ensure no impact occurs to the AM broadcast station patterns and performance. The antenna for the proposed facility is being mounted on an existing tower where other communications systems antennas already exist so it is expected that no impact will be observed.

There are spacing and/or contour violations with full service, digital, Class A, and Low Power TV stations.

An evaluation according to OET-69 is presented to support this proposed STA facility for Channel 41. In evaluating the proposed STA facility, an outgoing interference study was executed using the OET-69 Longley Rice Methodology using a signal resolution of 1 km and a spacing increment of 0.1 km with an ERP of 10 kW. The CDBS database of 7/28/2006 was used for this analysis. The following stations were considered in the study:

Call Sign	FCC File Number	City	State	Distance	Bearing
WZVNTV (26-)	BLCT19890711KI	Naples	FL	205.3	3.1
WGZT-L (27N)	BLTTL20030804AAH	Key West	FL	6.3	249.0
WCAY-L (34N)	BLTTL19911206IG	Key West	FL	0.2	123.3
W39AC (39N)	BLTTL20060103AAI	Key West	FL	6.5	252.9
WZVN-D (41)	BLCDT20030619AAM	Naples	FL	249.3	359.4
WBPB-L.C (41Z)	BLTTL20060320ADM	West Palm Beach	FL	267.5	35.8
WJAN-C.A (41+)	BPTTA20010116AGG	Miami	FL	188.1	44.7
NEW.A-1 (42-)	BNPTTL20000814ABM	Summerland Key	FL	28.3	71.3
NEW.A-2 (42-)	BNPTTL20000821ABG	Key West	FL	6.5	253.0
NEW.A-3 (42-)	BNPTTL20000830ANZ	Key West	FL	6.5	253.0
NEW.A-4 (42-)	BNPTT20000830AYO	Key West	FL	25.9	63.5

<u>Call Sign</u>	<u>FCC File Number</u>	<u>City</u>	<u>State</u>	<u>Distance</u>	<u>Bearing</u>
NEW.A-5 (42-)	BNPTTL20000825AJT	Key West	FL	6.3	249.1
NEW.A-6 (42-)	BNPTTL20000828BHN	Marathon	FL	82.0	75.2
NEW.A-7 (42Z)	BNPTTL20000829AFH	Key West	FL	6.5	253.1
NEW-D.A (40)	BSFDTL20060630CUH	Key West	FL	0.0	125.0
W44AC (44N)	BLTTL20040302AAT	Key West	FL	6.5	253.0
W48DE.C (48-)	BNPTTL20000828BFK	Islamorada	FL	120.6	70.2
WDFL-L (48+)	BLTTL20060109AAV	Marathon	FL	83.4	74.8
WKIZ-L.C (49N)	BPTTL20041221ACB	Key West	FL	0.9	240.5

Of the considered stations, none showed possible interference:

Should you have any questions concerning this analysis, please contact me and I will be happy to help.

Sincerely,

*Greg Best*

President