

# **R. M. SMITH ASSOCIATES**

BROADCAST TECHNICAL CONSULTANTS  
10920B CROWN COLONY DRIVE – AUSTIN, TX 78747  
Tel: (512)-294-2334 - Cell: (772)-485-7548  
E-MAIL bob@rmsmith.com

CHRISTIAN MINISTRIES, INC.

APPLICATION FOR NEW NON-COMMERCIAL FM

HYDE PARK, VERMONT – 205A

STATEMENT ON FIRST AND SECOND NCE SERVICE

The proposed operation will provide service to 8353 persons in an area of 200.7 square kilometers within its 60 dBu f(50,50) contour.

Three other NCE facilities provide 60 dBu service to portions of the proposed service area. The three facilities are:

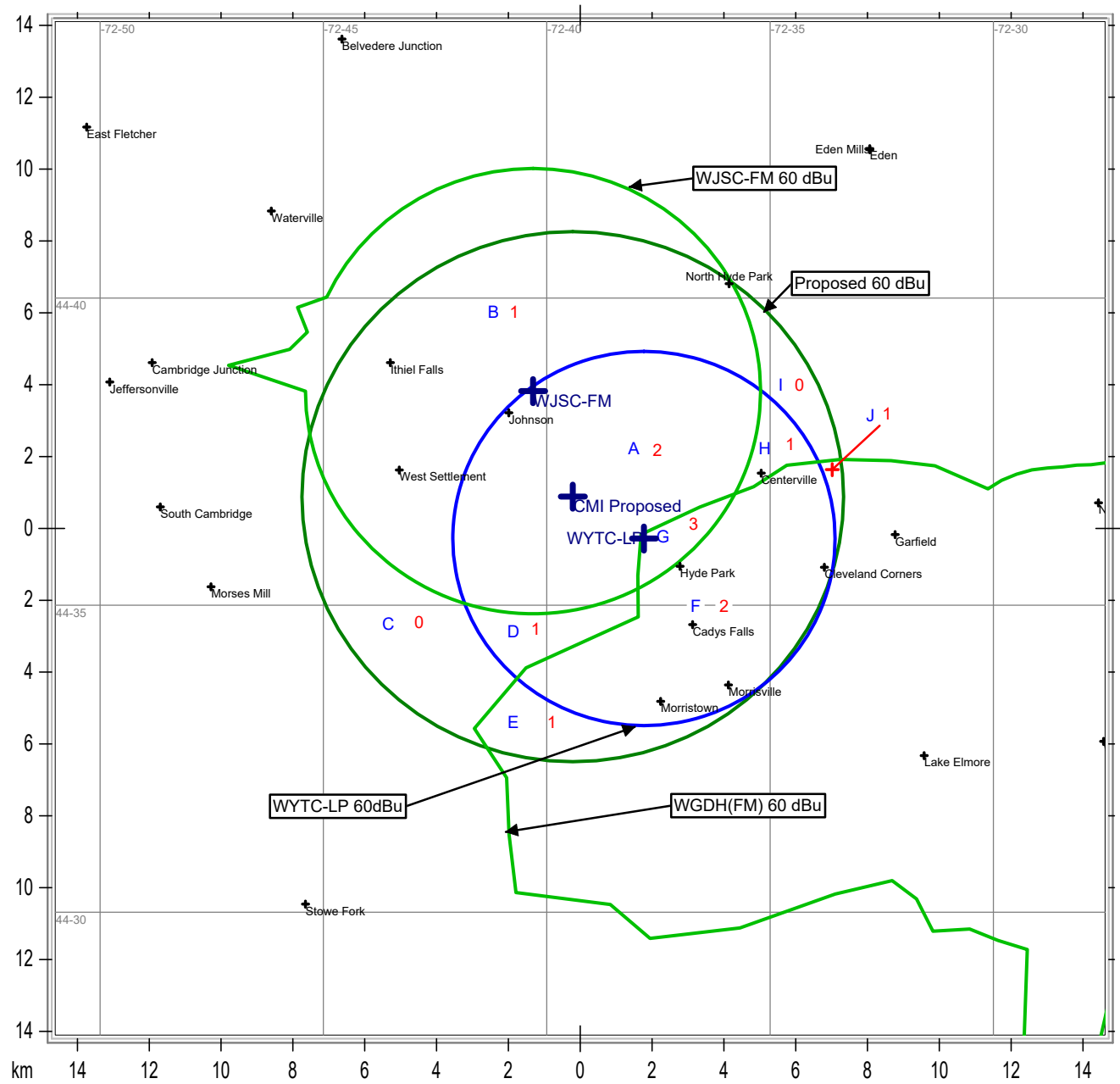
WJSC-FM	214A	Johnson, VT	Facility ID – 6121
WYTC-LP	206LP100	Hyde Park, VT	Facility ID - 134111
WGDH(FM)	219A	Hardwick, VT	Facility ID – 173961

The attached Figure 3 is a plot showing the relationship of the proposed 60 dBu contour and the 60 dBu contours of the listed facilities. Inside the proposed 60 dBu contour there are ten distinct areas delineated by the overlapping contours of the listed facilities. Each of these areas is labeled A through J (in blue) and the number of current NCE services, for each area, is shown (in red).

The attached Table 2 lists each of the areas, the existing service in each area and the population of each area. As shown in Table 2, the proposed operation will provide a first NCE service to 422 persons, a second NCE service to 1739 persons and an aggregate first and second NCE service to 2161 persons.

All population counts were made using U.S. Census Bureau 2010 centroid data as provided by RadioSoft's Comstudy. All area calculations are based upon 72 equally spaced radials as determined by RadioSoft's Comstudy.

CHRISTIAN MINISTRIES, INC - 205A - HYDE PARK, VT



EXISTING NCE SERVICES

State Borders Lat/Lon Grid

CHRISTIAN MINISTRIES, INC. 205A - HYDE PARK, VT  
STATEMENT ON FIRST AND SECOND NCE SERVICE  
TABLE 2

<b><u>AREA LABEL</u></b>	<b><u>DEFINING CONTOUR OVERLAP</u></b>	<b><u>EXISTING NCE SERVICES</u></b>	<b><u>POPULATION</u></b>	<b><u>PROPOSED NCE SERVICE</u></b>	<b><u>FIRST NCE POPULATION</u></b>	<b><u>SECOND NCE POPULATION</u></b>
A	WJSC-FM & WYTC-LP	2	2750	THIRD		
B	WJSC-FM	1	1529	SECOND		1529
C	NONE	0	144	FIRST	144	
D	WYTC-LP	1	48	SECOND		48
E	WGDH(FM)	1	149	SECOND		149
F	WGDH(FM) & WYTC-LP	2	3212	THIRD		
G	WGDH(FM) & WYTC-LP & WJSC-FM	3	230	FOURTH		
H	WYTC-LP	1	9	SECOND		9
I	NONE	0	278	FIRST	278	
J	WGDH(FM)	1	4	SECOND		4
			8353		422	1739
	Total First and Second NCE Service					2161