FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET SW
WASHINGTON DC 20554

MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS: (202) 418-2730
HOME PAGE: www.fcc.gov/mb/audio/

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JAN 27 2012

Holy Family Communications
6325 Sheridan Dr.
Williamsville, NY 14221

Re: Holy Family Communications
WQOM(AM), Natick, MA
Facility Identification Number: 21109
Construction Permit: BP-20091015ACB
as modified by BMP-20100811ABC
License Application: BL-20111212CVV
Program Test Authority

Dear Applicant:

This is in reference to the above captioned license application and the request for program test authority.

Authority is hereby granted WQOM(AM) to conduct program tests in accordance with Section 73.1620 of the commission's rules and permit, BMP-20100811ABC, to operate on 1060 kHz with a daytime nominal power of 50.0 kilowatts and a nighttime nominal power of 2.5 kilowatts. Program tests are authorized with a daytime antenna input power of 52.65 kilowatts (antenna common point current of 32.5 amperes) and a nighttime antenna input power of 2.7 kilowatts (antenna common point current of 7.35 amperes).

Program tests must be conducted with the directional antenna system adjusted in accordance with the enclosed specifications. Please notify this office of any discrepancies found in the specifications.

The following additional problems were found with the application:

1. You need to certify on page 3 of the FCC Form 302 application that you are not subject to denial of federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988.
2. The conductivities on the 164° directional graph must be amended to match the conductivities of the non-directional graph (1 mS/m to 4.6 km, 0.5 mS/m to 13.69 kilometers and 0.1 mS/m), and the directional field should be reanalyzed if necessary.
3. The conductivities on the 238° directional graph must be amended to match the

conductivities of the non-directional graph (.5 mS/m to 15.33 kilometers), and the directional field should be reanalyzed if necessary.

4. The conductivities on the 270° directional graph must be amended to match the conductivities of the non-directional graph (0.5 mS/m to 8.5 kilometers and 0.1 mS/m to 15.96 kilometers), and the directional field should be reanalyzed if necessary.
5. The conductivities on the 302° directional graph must be amended to match the conductivities of the non-directional graph (1 mS/m to 7.21 kilometers, 0.5 mS/m to 12.86 kilometers and 1 mS/m to 16.24 kilometers), and the directional field should be reanalyzed if necessary.
6. The 238° monitor point description must specify that it is point #2 and not point #12.
7. The 302° monitor point description must specify that it is point #1 and not point #11.
8. The nighttime ratio on the 330° radial is 0.0365 and not 0.035, and the nighttime ratio on the 355.5° radial is 0.0175 instead of 0.019.

Further action on the subject application will be withheld for thirty (30) days from the date of this letter in order to provide you an opportunity to file a curative amendment. Failure to respond or file and amendment within this time period will result in the dismissal of the application pursuant to Section 73.3568 of the rules.

Sincerely,

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

cc: Charles A. Hecht

Name of Licensee: HOLY FAMILY COMMUNICATIONS

Station Location: NATICK, MA

Frequency (kHz): 1060

Station Class: B

Antenna Coordinates:

	Day			
Latitude:	N	42 Deg	14 Min	50 Sec
Longitude:	W	71 Deg	25 Min	31 Sec

	Night			
Latitude:	N	42 Deg	14 Min	50 Sec
Longitude:	W	71 Deg	25 Min	31 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 50.0 Night: 2.5

Antenna Input Power (kW): Day: 52.7 Night: 2.7

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 32.5 Night: 7.35

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1058483	
2	1058484	
3	1058485	

Night:

Tower No.	ASRN	Overall Height (m)
1	1058482	
2	1058483	
3	1058484	
4	1058485	
5	1058486	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 2962 Night: 680.1

Standard RMS (mV/m/km): Day: 3111

Augmented RMS (mV/m/km): Night: 714.6

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.4000	190.300	0.0000	0.000	0	205.5
2	1.2400	95.200	100.0000	90.000	0	205.5
3	1.0000	0.000	200.0000	90.000	0	205.5

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.2790	234.500	0.0000	0.000	0	205.5
2	0.8030	117.900	100.0000	90.000	0	205.5
3	1.0000	0.000	200.0000	90.000	0	205.5
4	0.6550	242.900	300.0000	90.000	0	205.5
5	0.1950	128.000	400.0000	90.000	0	202.5

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	184.5	51.0	39.60
2	210.0	46.0	20.40
3	236.5	28.0	21.10
4	303.5	53.0	21.00
5	330.0	26.0	63.00
6	355.5	51.0	45.60

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
2	96.2	0.316
3	0	1
4	-107.2	0.724

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-108.2	0.26
2	125	0.805
3	0	1
4	-127.2	0.64
5	127.5	0.204

Antenna Monitor: POTOMAC INSTRUMENTS AM-1901

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
238	4.03	0.98
302	3.24	0.62

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
184.5	3.59	4.3
210	3.63	1.7
236.5	4.03	1.64
303.5	3.24	0.9
330	4.35	3.2
355.5	4.75	6.2

Special operating conditions or restrictions:

1 The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

Special operating conditions or restrictions:

2 Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.

3 Daytime antenna system consists of towers #2(WC), #3(C), and #4 (EC) referenced in that order.

4 Daytime antenna system consists of towers #2(WC), #3(C), and #4 (EC) referenced in that order.

5 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 114.3 meters in length except where terminated by property boundaries or where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers.

6 Location of Daytime Monitoring Points:

Direction of 238° true North. The point is located in the center of the drive at a gate to the Metrowest YMCA Outdoor Center and Day Camp on East Street.

Direction of 302° true North. The point is located between 132 and 136 Concord Street on the sidewalk 30 feet east of fire hydrant.

7 Location of Nighttime Monitoring Points:

184.5°- Point located on south edge of Taylor Road in center of driveway to 38 Taylor Road.

210°- Point located in center of cul-de-sac at end of Bald Hill Road.

236.5°- Point located on east edge of Wildlife Drive in center of driveway to 1 Wildlife Drive.

303.5°- Point located on west side of Fiske Road, 0.1 km north of Concord Street and 18 meters south of fire hydrant.

330°- Point located on east edge of Gannon Terrace in center of driveway to 11 Gannon Terrace.

355.5°- Point located in third parking space east of landscape island, behind Shell Gas Station at 480 Franklin Street.

*** END OF AUTHORIZATION ***