

MINOR CHANGE APPLICATION
CITY OF LICENSE CHANGE
INSPIRATION TIME, INC.
WCTL FM RADIO STATION
CH 292A - 106.3 MHZ - 0.86 KW
ERIE, PENNSYLVANIA
February 2017

EXHIBIT #1A

Allocation / Implementation Clearance Study for WCTL Erie, Pennsylvania
Using Proposed Allocation/Implementation Site as Reference

REFERENCE		DISPLAY DATES
42 02 15.8 N.	CLASS = A Int = A	DATA 01-31-17
80 03 43.8 W.	Current Spacings to 3rd Adj.	SEARCH 02-01-17
----- Channel 292 - 106.3 MHz -----		

Call Lat.	Channel Lng.	Location Ant	Power	Azi HAAT	Dist	FCC	Margin
WCTL 42 00 03.0	LIC 292A 79 52 33.0	Union City C	PA 3.400 kW	104.9 131 M	15.96	114.5	-98.5
Inspiration Time, Inc. BLH20000731AAM							
R29991 42 54 31.0	DEL 292B 82 20 19.0	Sarnia	ON 50.000 kW	298.2 150 M	210.68	209.5	1.2
CHKS-FM 42 52 09.0	USE -? 292B 82 23 38.0	Sarnia ?CN	ON 50.000 kW	296.6 124 M	212.84	209.5	3.3
CHCD 42 44 48.0	USE 294B 80 19 07.0	Simcoe	ON 50.000 kW	345.1 150 M	81.51	77.5	4.0
CHCD 42 44 48.0	OPE 294B 80 19 07.0	Simcoe HN	ON 12.600 kW	345.1 151 M	81.51	77.5	4.0
WCOP 41 26 31.0	LIC-N 291A 79 26 40.0	Farmington Township NC	PA 3.200 kW	142.1 135 M	83.78	71.5	12.3
Family Life Ministries, In BLED20120705AAH							
CKNS-FM 42 53 32.0	PRO -D 294B 80 05 43.0	Haldimand DCN	ON 50.000 kW	358.4 107 M	94.93	77.5	17.4
WKZA 41 57 31.0	LIC 295B1 79 16 11.0	Lakewood CX	NY 5.100 kW	97.4 225 M	66.24	47.5	18.7
Cross Country Communicatio BLH20031117AAM							
WYRK 42 53 10.0	LIC 293B 78 52 25.0	Buffalo CN	NY 50.000 kW	45.5 142 M	135.78	112.5	23.3
Townsquare Media Of Buffal BLH19950814KA							
CKLAFM 43 29 09.0	OPE 291B 80 14 43.0	Guelph CN	ON 50.000 kW	354.8 121 M	161.52	136.5	25.0

Reference station has protected zone issue: Canada- AM tower
All separation margins include rounding

WCTL - Erie, PA - Proposed

Latitude: 42-02-15.80 N - Longitude: 080-03-43.80 W
Channel: 292 - Frequency: 106.3 MHz
ERP: 0.86 kW - AMSL Height: 600.0 m

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS

