

Kevin Fitzgerald

Job: W296CL Reading Tran Int.fmj

Master Database: 2015_Jan_23.fmd

Lat: N40:21:15 Lon: W075:53:55 NAD-27

Channel: 296 Class: A

Status: Licensed, Construction Permit, Application

Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF

Range: 100 km

Comments: No Comments

Description: W296CL, 107.1, Reading, PA; Spacing Study; 371m AMSL; 4w V DA; CA2V-4 @ 150 deg.

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Date: 1/23/2015 1:51:09 PM

rflInvestigator Version 3.8.3

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Callsign	City	Stat	Latitude (NA)	Longitude (NAD)	Ser	Channel	Cla	Stat	73	20	73	207	ERP	HAA	Adjac	Distanc	Be	Vert	73	215	Cle
* 20131114AE	LENHARTSV	PA	N40:34:10	W075:53:57	FM	296	107.1	MH L1	CP	92	-68.10	0.00	21	Co-C	23.90	3600.00	-43.10				
* WBYN-FM	BOYERTOW	PA	N40:24:15	W075:39:09	FM	298	107.5	MH B	LIC	69	-47.38	30.00	186	2nd A	21.62	07530.00	-41.38				
* WKVP	CAMDEN	NJ	N39:54:33	W075:06:00	FM	295	106.9	MH B	LIC	113	-28.89	38.00	168	1st A	84.11	12638.00	-11.89				
* WWYY	BELVIDERE	NJ	N40:56:53	W075:09:38	FM	296	107.1	MH A	LIC	115	-24.19	1.20	219	Co-C	90.81	0431.20	-1.19				
* WZCY-FM	HERSHEY	PA	N40:10:16	W076:35:50	FM	294	106.7	MH B	LIC	69	-6.18	14.00	283	2nd A	62.82	25114.00	-0.18				
WFYY	BLOOMSBU	PA	N40:56:18	W076:25:38	FM	293	106.5	MH B	LIC	69	9.78	10.50	313	3rd A	78.78	32510.50	15.78				
W293CL	READING	PA	N40:23:17	W075:47:11	FM	293	106.5	MH DX	CP	0	10.25	0.01	25	3rd A	10.25	0680.01	10.25				
WEGH	NORTHUMB	PA	N40:47:10	W076:41:49	FM	297	107.3	MH A	LIC	72	10.89	0.90	257	1st A	82.89	3050.90	33.89				
W296CL	READING	PA	N40:16:30	W075:45:12	FM	296	107.1	MH DX	CP	0	15.15	0.00	20	Co-C	15.15	1250.10	15.15				
WRDY-LP	EAGLEVILLE	PA	N40:09:29	W075:25:05	FM	293	106.5	MH L1	CP	29	17.32	0.00	113	3rd A	46.32	1180.00	17.32				
W293CP	KUTZTOWN	PA	N40:31:54	W075:46:36	FM	293	106.5	MH DX	CP	0	22.26	0.01	27	3rd A	22.26	0280.01	22.26				
WQJU	MIFFLINTO	PA	N40:34:20	W077:30:51	FM	296	107.1	MH A	LIC	115	24.15	0.37	397	Co-C	139.15	2800.37	47.15				
WMVK-LP	PERRYVILLE	MD	N39:35:22	W076:04:25	FM	297	107.3	MH L1	LIC	56	30.21	0.00	102	1st A	86.21	1900.00	30.21				
WGTY	GETTYSBURP	PA	N39:51:23	W076:56:57	FM	299	107.7	MH B	LIC	69	36.26	16.00	259	3rd A	105.26	23815.50	42.26				
WEZX	SCRANTON	PA	N41:20:52	W075:39:03	FM	295	106.9	MH A	LIC	72	40.30	1.45	188	1st A	112.30	0111.45	63.30				
W293BW	SCHNECKS	PA	N40:39:43	W075:36:41	FM	293	106.5	MH DX	LIC	0	41.96	0.00	0	3rd A	41.96	0350.25	41.96				
WHMN-LP	PLYMOUTH	PA	N41:14:20	W075:59:02	FM	297	107.3	MH L1	LIC	56	42.51	0.00	95	1st A	98.51	3560.00	42.51				
20131114BL	WARMINSTE	PA	N40:10:08	W075:03:01	FM	293	106.5	MH L1	CP	29	46.04	0.00	72	3rd A	75.04	1060.00	46.04				
WWZY	LONG BRAN	NJ	N40:18:17	W073:59:08	FM	296	107.1	MH A	LIC	115	47.68	5.00	110	Co-C	162.68	0925.00	70.68				
201311106AS	PHILADELP	PA	N39:57:31	W075:08:43	FM	293	106.5	MH L1	CP	29	48.77	0.00	20	3rd A	77.77	1240.00	48.77				
WRDW-FM	PHILADELP	PA	N40:02:30	W075:14:11	FM	243	96.5	MHz B	LIC	15	51.21	9.60	338	IF	66.21	1229.60	51.21				
W293BW	ALLENTOW	PA	N40:39:30	W075:25:12	FM	293	106.5	MH DX	CP	0	52.79	0.25	0	3rd A	52.79	0500.25	52.79				
WWMX	BALTIMORE	MD	N39:20:10	W076:38:59	FM	293	106.5	MH B	LIC	69	61.04	8.30	347	3rd A	130.04	2108.30	67.04				
WWMX	BALTIMORE	MD	N39:20:05	W076:39:03	FM	293	106.5	MH B	LIC	69	61.23	11.00	288	3rd A	130.23	21011.00	67.23				
WWEG	MYERSVILL	MD	N39:29:57	W077:36:42	FM	295	106.9	MH B	LIC	113	61.53	15.50	260	1st A	174.53	23715.50	78.53				
WTDK	FEDERALSB	MD	N38:46:02	W075:44:46	FM	296	107.1	MH A	LIC	115	61.67	3.90	124	Co-C	176.67	1763.90	84.67				
WBQI-LP	CLAYTON	DE	N39:16:13	W075:41:27	FM	297	107.3	MH L1	CP	56	65.65	0.00	15	1st A	121.65	1720.00	65.65				
W297AV	HAZLETON	PA	N40:57:17	W075:58:26	FM	297	107.3	MH DX	LIC	0	66.99	0.03	66	1st A	66.99	3550.03	-1.01				
W294BQ	EASTON	PA	N40:40:27	W075:12:28	FM	294	106.7	MH DX	CP	0	68.49	0.08	22	2nd A	68.49	0590.08	68.49				
WPUR	ATLANTIC C	NJ	N39:22:42	W074:26:53	FM	297	107.3	MH B1	LIC	96	68.75	25.00	94	1st A	164.75	13125.00	92.75				
WRRC	LAWRENCE	NJ	N40:16:44	W074:44:15	FM	299	107.7	MH D	LIC	29	70.05	0.02	11	3rd A	99.05	0950.02	70.05				
WQFM	HANCOCK	NY	N41:57:43	W075:16:17	FM	296	107.1	MH A	LIC	115	71.17	2.10	34	Co-C	186.17	0162.10	94.17				
WRQX	WASHINGT	DC	N38:57:01	W077:04:47	FM	297	107.3	MH B	LIC	113	72.93	19.50	246	1st A	185.93	21319.50	89.93				
W297AD	PHILADELP	PA	N39:57:36	W075:11:27	FM	297	107.3	MH DX	LIC	0	74.51	0.02	44	1st A	74.51	1260.02	6.51				
WCIG	DALLAS	PA	N41:18:54	W075:53:19	FM	299	107.7	MH A	LIC	31	75.70	2.35	162	3rd A	106.70	0002.35	81.70				
WLIH	WHITNEYVIL	PA	N41:46:13	W077:12:08	FM	296	107.1	MH A	LIC	115	76.68	3.30	91	Co-C	191.68	3253.30	99.68				
W299BH	MARSHALLT	DE	N39:42:31	W075:33:59	FM	299	107.7	MH DX	LIC	0	77.09	0.25	50	3rd A	77.09	1580.25	77.09				
W299AF	CATAWISSA	PA	N40:56:22	W076:25:29	FM	299	107.7	MH DX	LIC	0	78.77	0.00	280	3rd A	78.77	3260.00	78.77				
WXPB	BRIARCLIFF	NY	N41:04:49	W073:48:26	FM	296	107.1	MH A	LIC	115	79.24	1.90	180	Co-C	194.24	0651.90	102.24				
W243BR	YORK	PA	N40:04:33	W076:48:23	FM	243	96.5	MHz DX	LIC	0	83.23	0.01	206	IF	83.23	2480.01	83.23				
W243BR	HARRISBUR	PA	N40:10:38	W076:52:38	FM	243	96.5	MHz DX	CP	0	85.54	0.20	0	IF	85.54	2570.20	85.54				
W296CD	JONESTOW	PA	N41:07:35	W076:15:59	FM	296	107.1	MH DX	LIC	0	91.20	0.01	261	Co-C	91.20	3400.01	91.20				
WPOV-LP	VINELAND	NJ	N39:27:42	W074:59:13	FM	299	107.7	MH L1	LIC	29	97.08	0.00	50	3rd A	126.08	1420.00	97.08				
WLTW	NEW YORK	NY	N40:44:54	W073:59:10	FM	294	106.7	MH B	LIC	69	98.81	6.00	415	2nd A	167.81	0756.00	104.81				
WBSL	NEW YORK	NY	N40:44:54	W073:59:10	FM	298	107.5	MH B	LIC	69	98.81	4.20	415	2nd A	167.81	0754.20	104.81				

* - A contour study will be provided for this station because it is not fully spaced as a Class A FM based on 47 CFR 73.207 or has a contour in proximity to this proposal.