

Kevin Fitzgerald
 Job: 105.3 WKAB W Hazleton Tran Int.fmj
 Master Database: 2004_Oct_28.fmd
 Lat: N40:57:24 Lon: W076:00:49 NAD-27
 Channel: 287 Class: A

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 Date: 10/28/2004 9:44:37 PM
 rfInvestigator-FM Version 2.0.116
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Status: Licensed, Construction Permit, Application, Addition, Vacant/Reserved
 Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF
 Range: 90 km

Comments: No Comments

Description: 105.3 WKAB West Hazleton, PA; Spacing Study; 75 watts; 520m AMSL; DA CLFM
 @ 20 deg.

Callsign	City	Stat	Channel	Clas	Stat	73	207	Min	73	207	Cle	ERP	HAAT	Adjacency	Distance	Bearing	Latitude (NAD27)	Longitude (NAD27)
* WDAS-FM	PHILADELPHIA	PA	287	105.3	B	LIC	178		-57.08		16.50	266		Co-Chan	120.92	147	N40:02:30	W075:14:24
* WMGH-F	TAMAQUA	PA	288	105.5	A	LIC	72		-53.11		1.40	148		1st Adj	18.89	185	N40:47:14	W076:01:59
* WILQ	WILLIAMSPOR	PA	286	105.1	B	LIC	113		-28.23		9.20	346		1st Adj	84.77	288	N41:11:43	W076:58:18
* WIOV-FM	EPHRATA	PA	286	105.1	B	LIC	113		-25.33		25.00	214		1st Adj	87.67	188	N40:10:30	W076:09:31
* WYCY	HAWLEY	PA	287	105.3	A	LIC	115		-16.62		2.90	146		Co-Chan	98.38	045	N41:34:45	W075:10:42
# NEW	WEST HAZLET	PA	285	104.9	DX	APP	0		2.01		0.01	0		2nd Adj	2.01	087	N40:57:28	W075:59:23
* WPZX	POCONO PINE	PA	290	105.9	A	LIC	31		3.82		6.00	100		3rd Adj	34.82	066	N41:05:06	W075:38:09
& NEW	WEST HAZLET	PA	285	104.9	DX	APP	0		4.23		0.04	0		2nd Adj	4.23	002	N40:59:41	W076:00:44
@ W234AX	HAZLETON	PA	234	94.7	DX	CP	0		4.90		0.01	0		IF	4.90	074	N40:58:09	W075:57:28
@ W233AX	BERWICK	PA	233	94.5	DX	CP	0		21.68		0.01	0		IF	21.68	312	N41:05:15	W076:12:18
WKPQ	HORNELL	NY	287	105.3	B	LIC	178		24.87		43.00	162		Co-Chan	202.87	317	N42:17:32	W077:40:27
WWDL-F	SCRANTON	PA	285	104.9	A	LIC	31		27.33		0.27	333		2nd Adj	58.33	024	N41:26:06	W075:43:35
WWDL-F	SCRANTON	PA	285	104.9	A	APP	31		27.33		0.27	333		2nd Adj	58.33	024	N41:26:06	W075:43:35
@ NEW	NANTICOKE	PA	233	94.5	L1	APP	0		27.57		0.00	-75		IF	27.57	002	N41:12:17	W076:00:00
@ NEW	NANTICOKE	PA	233	94.5	L1	APP	0		27.86		0.00	31		IF	27.86	359	N41:12:27	W076:01:00
* W288BE	WILKES-BARR	PA	288	105.5	DX	LIC	0		28.62		0.01	0		1st Adj	28.62	027	N41:11:11	W075:51:33
W290AC	PALMERTON	PA	290	105.9	DX	LIC	0		36.65		0.01	338		3rd Adj	36.65	122	N40:46:54	W075:38:42
@ W233BC	SHAMOKIN	PA	233	94.5	DX	CP	0		47.12		0.01	0		IF	47.12	242	N40:45:22	W076:30:22
W285DH	N. WHITEHALL	PA	285	104.9	DX	LIC	0		48.40		0.01	105		2nd Adj	48.40	131	N40:40:22	W075:34:42
W289AU	MOOSIC	PA	289	105.7	DX	CP	0		49.52		0.05	0		2nd Adj	49.52	029	N41:20:48	W075:43:39
* W287AY	MOUNT POCO	PA	287	105.3	DX	CP	0		50.24		0.07	0		Co-Chan	50.24	075	N41:04:13	W075:26:08
WQXA-FM	YORK	PA	289	105.7	B	LIC	69		52.05		25.00	215		2nd Adj	121.05	209	N39:59:56	W076:41:43
WDHA-FM	DOVER	NJ	288	105.5	A	LIC	72		55.05		0.98	175		1st Adj	127.05	095	N40:51:19	W074:30:42
NEW	SCRANTON	PA	234	94.7	DX	APP	0		58.31		0.01	0		IF	58.31	024	N41:26:09	W075:43:46
WWPR-F	NEW YORK	NY	286	105.1	B	LIC	113		59.53		6.00	415		1st Adj	172.53	098	N40:44:54	W073:59:10
W289AH	BETHLEHEM	PA	289	105.7	DX	LIC	0		60.73		0.08	0		2nd Adj	60.73	124	N40:39:11	W075:24:54
* W287BB	TUNKHANNOCK	PA	287	105.3	DX	CP	0		61.92		0.01	0		Co-Chan	61.92	356	N41:30:45	W076:04:16
WMRV-F	ENDICOTT	NY	289	105.7	B	LIC	69		62.30		35.00	174		2nd Adj	131.30	001	N42:08:20	W075:59:58
WCHX	LEWISTOWN	PA	288	105.5	A	LIC	72		63.71		0.47	249		1st Adj	135.71	256	N40:39:43	W077:34:28
W289AI	SUNBURY	PA	289	105.7	DX	LIC	0		64.19		0.01	91		2nd Adj	64.19	262	N40:52:33	W076:46:05
W284BG	LEWISBURG	PA	284	104.7	DX	APP	0		67.75		0.01	0		3rd Adj	67.75	269	N40:56:32	W076:49:05
W284BG	LEWISBURG	PA	284	104.7	DX	CP	0		70.02		0.05	0		3rd Adj	70.02	270	N40:57:24	W076:50:43
NEW	MILTON	PA	289	105.7	DX	APP	0		70.17		0.02	0		2nd Adj	70.17	278	N41:02:44	W076:50:21
NEW	MILTON	PA	290	105.9	DX	APP	0		70.17		0.05	0		3rd Adj	70.17	278	N41:02:44	W076:50:21
W234AQ	MUNCY	PA	234	94.7	DX	CP	0		70.61		0.01	0		IF	70.61	288	N41:08:53	W076:48:52
WIOV-FM	READING	PA	286	105.1	DB	LIC	0		72.68		2.80	0		1st Adj	72.68	180	N40:18:08	W076:00:28
WJRH	EASTON	PA	285	104.9	DM	LIC	0		73.75		0.01	7		2nd Adj	73.75	113	N40:41:53	W075:12:30
WCSD-LP	SHAWNEE-ON-	PA	285	104.9	L1	CP	0		75.99		0.00	26		2nd Adj	75.99	085	N41:01:03	W075:06:51
WGKR	GRAND GORG	NY	287	105.3	A	LIC	115		84.27		0.06	414		Co-Chan	199.27	037	N42:23:55	W074:35:23
NEW	HARLEYSVILLE	PA	285	104.9	DX	APP	0		86.10		0.03	0		2nd Adj	86.10	144	N40:19:58	W075:24:33
NEW	QUAKERTOWN	PA	289	105.7	DX	APP	0		87.90		0.02	0		2nd Adj	87.90	134	N40:24:35	W075:15:44

* - 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.

& - Short Form application of this proposal

- Original Long Form application of this proposal

@ - No IF Separation required, this proposal is for less than 100 watts.