

Kevin Fitzgerald  
 Job: W289BP 105.9 Palmerton Int Blown Up.fmj  
 Master Database: 2010\_May\_02.fmd  
 Lat: N40:46:53 Lon: W075:38:33 NAD-27  
 Channel: 290 Class: A

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 Date: 5/2/2010 6:54:25 PM  
 rfInvestigator Version 3.4.0  
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Status: Licensed, Construction Permit, Application, Addition, Vacant/Reserved  
 Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF  
 Range: 100 km  
 Comments: No Comments  
 Description: W289BP, 105.9, Palmerton, PA; Spacing Study; 10w V; 468m AMSL; Bext Log-R-V  
 @ 210 degrees

Callsign	City	Stat	Latitude (NAD2)	Longitude (NAD2)	Ser	Channel	Cla	Stat	73 207	73 207	CERP	HAA	Adjac	Distanc	Bear	Vert	ERP
* WPZX	POCONO PIN PA	N41:05:06	W075:38:09	FM 290 : 105.9 MH A	LIC 115	-81.28	6.00	100	Co-C	33.72	001	6.00					
* WISX	PHILADELPHIA PA	N40:04:58	W075:10:54	FM 291 : 106.1 MH B	LIC 113	-26.13	22.50	226	1st A	86.87	153	22.50					
* WQXR-FM	NEWARK NJ	N40:44:54	W073:59:10	FM 290 : 105.9 MH B1	LIC 143	-3.09	0.61	416	Co-C	139.91	092	0.61					
* WFFF	BLOOMSBUR PA	N40:56:18	W076:25:38	FM 293 : 106.5 MH B	LIC 69	-0.58	10.50	313	3rd A	68.42	285	10.50					
W289BP	PALMERTON PA	N40:46:53	W075:38:33	FM 289 : 105.7 MH DX	LIC 0	0.00	0.00	0	1st A	0.00	000	0.00					
* WMGH-FM	TAMAQUA PA	N40:47:14	W076:01:59	FM 288 : 105.5 MH A	LIC 31	1.97	1.40	148	2nd A	32.97	271	1.40					
* 20030314CH	LEHIGH TOW PA	N40:44:38	W075:32:40	FM 292 : 106.3 MH DX	APP 0	9.27	0.25	0	2nd A	9.27	117	0.25					
WQXA-FM	YORK PA	N39:59:56	W076:41:43	FM 289 : 105.7 MH B	LIC 113	11.66	25.00	215	1st A	124.66	226	25.00					
WZZO	BETHLEHEM PA	N40:37:13	W075:17:37	FM 236 : 95.1 MHz A	LIC 15	19.49	30.00	192	IF	34.49	121	30.00					
WDAS-FM	PHILADELPHIA PA	N40:02:30	W075:14:24	FM 287 : 105.3 MH B	LIC 69	19.95	16.50	266	3rd A	88.95	157	16.50					
* W289AH	BETHLEHEM PA	N40:39:11	W075:24:54	FM 289 : 105.7 MH DX	LIC 0	23.93	0.08	0	1st A	23.93	127	0.08					
* 20030314BXS	KUTZTOWN PA	N40:31:42	W075:41:20	FM 292 : 106.3 MH DX	APP 0	28.38	0.12	0	2nd A	28.38	188	0.12					
WHCY	BLAIRSTOW NJ	N41:02:53	W075:21:21	FM 292 : 106.3 MH A	LIC 31	32.75	0.43	262	2nd A	63.75	062	0.43					
20030317KIG	EASTON PA	N40:40:27	W075:12:28	FM 293 : 106.5 MH DX	APP 0	38.61	0.08	0	3rd A	38.61	108	0.08					
WMRV-FM	ENDICOTT NY	N42:08:17	W075:59:59	FM 289 : 105.7 MH B	LIC 113	40.60	35.00	174	1st A	153.60	349	35.00					
20030317EH	QUAKERTOW PA	N40:27:28	W075:20:59	FM 293 : 106.5 MH DX	APP 0	43.65	0.05	0	3rd A	43.65	145	0.05					
W287AY	MOUNT POC PA	N41:07:16	W075:21:21	FM 287 : 105.3 MH DX	LIC 0	44.79	0.01	0	3rd A	44.79	033	0.01					
W288BE	WILKES-BAR PA	N41:11:11	W075:51:33	FM 288 : 105.5 MH DX	LIC 0	48.53	0.01	0	2nd A	48.53	338	0.01					
20030317FQJ	QUAKERTOW PA	N40:24:35	W075:15:44	FM 289 : 105.7 MH DX	APP 0	52.35	0.02	0	1st A	52.35	142	0.02					
W236BN	BERWICK PA	N41:00:18	W076:12:58	FM 236 : 95.1 MHz DX	LIC 0	54.35	0.00	0	IF	54.35	297	0.01					
WLZS	BEAVER SPR PA	N40:42:04	W077:12:50	FM 291 : 106.1 MH A	LIC 72	61.03	0.17	400	1st A	133.03	266	0.17					
W289AA	LEBANON TO NJ	N40:41:31	W074:55:33	FM 289 : 105.7 MH DX	LIC 0	61.35	0.00	128	1st A	61.35	099	0.01					
20030317GXP	TELFORD PA	N40:18:32	W075:15:34	FM 289 : 105.7 MH DX	APP 0	61.69	0.01	0	1st A	61.69	148	0.01					
W237DP	WILKES-BAR PA	N41:18:54	W075:53:19	FM 237 : 95.3 MHz DX	LIC 0	62.77	0.01	0	IF	62.77	341	0.01					
W289AU	MOOSIC PA	N41:20:48	W075:43:39	FM 289 : 105.7 MH DX	LIC 0	63.18	0.05	0	1st A	63.18	354	0.05					
WPDA	JEFFERSONV NY	N41:48:57	W074:45:42	FM 291 : 106.1 MH A	LIC 72	64.53	1.60	191	1st A	136.53	033	1.60					
WDHA-FM	DOVER NJ	N40:51:19	W074:30:42	FM 288 : 105.5 MH A	LIC 31	64.76	1.00	175	2nd A	95.76	085	1.00					
WDHA-FM	DOVER NJ	N40:51:19	W074:30:42	FM 288 : 105.5 MH A	CP 31	64.76	2.00	175	2nd A	95.76	085	2.00					
WBLJ-FM	SHAMOKIN PA	N40:45:36	W076:32:19	FM 237 : 95.3 MHz A	LIC 10	65.69	1.25	154	IF	75.69	268	1.25					
WYCY	HAWLEY PA	N41:34:45	W075:10:42	FM 287 : 105.3 MH A	LIC 31	65.78	2.90	146	3rd A	96.78	024	2.90					
WJZ-FM	CATONSVILL MD	N39:19:26	W076:32:56	FM 289 : 105.7 MH B	LIC 113	66.36	50.00	150	1st A	179.36	206	50.00					
W236BV	DICKSON CIT PA	N41:23:39	W075:37:58	FM 236 : 95.1 MHz DX	LIC 0	68.06	0.00	0	IF	68.06	001	0.00					
W291BD	BLOOMSBUR PA	N40:56:20	W076:25:29	FM 291 : 106.1 MH DX	LIC 0	68.23	0.01	0	1st A	68.23	285	0.01					
WCHR-FM	MANAHAWKI NJ	N39:42:56	W074:17:31	FM 289 : 105.7 MH B1	LIC 96	68.96	13.00	140	1st A	164.96	136	13.00					
WHCN	HARTFORD CT	N41:33:47	W072:50:42	FM 290 : 105.9 MH B	LIC 178	72.31	16.00	264	Co-C	250.31	070	16.00					
W291AP	SCRANTON PA	N41:25:41	W075:44:50	FM 291 : 106.1 MH DX	LIC 0	72.35	0.01	0	1st A	72.35	353	0.01					
WVRX	WOODBRIDG VA	N38:52:28	W077:13:24	FM 290 : 105.9 MH B	LIC 178	73.28	28.00	198	Co-C	251.28	213	25.00					
WNKI	CORNING NY	N42:09:43	W077:02:15	FM 291 : 106.1 MH B	LIC 113	79.59	40.00	162	1st A	192.59	323	40.00					
20030317GW	PLYMOUTH PA	N40:07:02	W075:16:52	FM 289 : 105.7 MH DX	APP 0	79.86	0.04	0	1st A	79.86	157	0.04					
20030317BDE	MALVERN PA	N40:03:31	W075:35:54	FM 237 : 95.3 MHz DX	APP 0	80.34	0.00	0	IF	80.34	177	0.01					
W237DC	NEW HOLLA PA	N40:04:45	W076:00:45	FM 237 : 95.3 MHz DX	LIC 0	84.06	0.01	0	IF	84.06	202	0.01					
WDNH-FM	HONESDALE PA	N41:34:45	W075:10:42	FM 237 : 95.3 MHz A	LIC 10	86.78	1.65	139	IF	96.78	024	1.65					
20030317BCS	WYNDMOOR PA	N40:04:57	W075:10:53	FM 293 : 106.5 MH DX	APP 0	86.90	0.01	0	3rd A	86.90	153	0.01					
W289AZ	TRENTON NJ	N40:12:35	W074:54:52	FM 289 : 105.7 MH DX	LIC 0	88.54	0.00	0	1st A	88.54	136	0.01					
20030311ABI	ROXBOROU PA	N40:02:26	W075:15:16	FM 289 : 105.7 MH DX	APP 0	88.62	0.01	0	1st A	88.62	158	0.01					
20030311ABJ	ROXBOROU PA	N40:02:26	W075:15:16	FM 293 : 106.5 MH DX	APP 0	88.62	0.01	0	3rd A	88.62	158	0.01					
20030317LWU	WYNDMOOR PA	N40:03:34	W075:11:24	FM 293 : 106.5 MH DX	APP 0	88.88	0.01	0	3rd A	88.88	154	0.01					
20030314AW	LANGHORNE PA	N40:09:07	W074:58:20	FM 293 : 106.5 MH DX	APP 0	90.10	0.02	0	3rd A	90.10	141	0.02					
20030317BCX	PHILADELPHIA PA	N40:03:50	W075:05:04	FM 237 : 95.3 MHz DX	APP 0	92.68	0.00	0	IF	92.68	149	0.04					
20030317LEA	MILFORD PA	N41:20:22	W074:47:28	FM 290 : 105.9 MH DX	APP 0	94.68	0.01	0	Co-C	94.68	049	0.01					
W289AI	SUNBURY PA	N40:52:33	W076:46:05	FM 289 : 105.7 MH DX	LIC 0	95.52	0.01	91	1st A	95.52	276	0.01					
20030314BYE	PORT JERVIS NY	N41:22:34	W074:48:36	FM 287 : 105.3 MH DX	APP 0	96.22	0.01	0	3rd A	96.22	047	0.01					
20030317EII	TRENTON NJ	N40:16:58	W074:41:11	FM 293 : 106.5 MH DX	APP 0	98.12	0.00	0	3rd A	98.12	124	0.00					
WQCK	PHILIPSBUR PA	N40:47:34	W078:10:29	FM 290 : 105.9 MH A	LIC 115	98.75	0.71	290	Co-C	213.75	270	0.71					
20030317MC	BENSALEM PA	N40:05:00	W074:55:08	FM 293 : 106.5 MH DX	APP 0	98.88	0.01	0	3rd A	98.88	142	0.01					
20030317EIE	BENSALEM NJ	N40:05:00	W074:55:08	FM 293 : 106.5 MH DX	APP 0	98.88	0.01	0	3rd A	98.88	142	0.01					
20030317BFB	PHILADELPHIA PA	N39:57:36	W075:11:27	FM 236 : 95.1 MHz DX	APP 0	98.94	0.01	0	IF	98.94	157	0.01					
20030317LVS	MILLBOURNE PA	N39:56:53	W075:13:11	FM 236 : 95.1 MHz DX	APP 0	99.25	0.02	0	IF	99.25	159	0.02					
20030310AXP	CINNAMINSO NJ	N40:00:48	W075:02:40	FM 293 : 106.5 MH DX	APP 0	99.25	0.17	0	3rd A	99.25	149	0.17					
20030310AV	CINNAMINSO NJ	N40:00:48	W075:02:40	FM 237 : 95.3 MHz DX	APP 0	99.25	0.17	0	IF	99.25	149	0.17					

\* - 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.