

Kevin Fitzgerald  
 Job: W283BE Tran Int2.fmj  
 Master Database: 2014\_Oct\_14.fmd  
 Lat: N41:26:09 Lon: W075:43:39 NAD-27  
 Channel: 283 Class: A  
 Status: Licensed, Construction Permit, Application  
 Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF  
 Range: 100 km  
 Comments: No Comments  
 Description: W283BE, 104.5, Scranton, PA; Spacing Study; 640m AMSL; 246w DA

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 Date: 10/16/2014 11:24:06 PM  
 rfInvestigator Version 3.8.3  
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Callsign	City	Stat	Latitude (NA)	Longitude (NAD)	Ser	Channel	Cla	Stat	73	20	73	20	ERP	HAA	Adjac	Distance	Be	Vert	73	215	Cle
* WQFM	HANCOCK	NY	N41:57:43	W075:16:17	FM	283 : 104.5 MH A	CP	115	-45.30	6.00	34	Co-C	69.70	0336.00	-22.30						
* WNBT-FM	WELLSBOR	PA	N41:44:17	W077:21:50	FM	283 : 104.5 MH B	LIC	178	-37.47	50.00	116	Co-C	140.53	28450.00	-2.47						
* WWRR	SCRANTON	PA	N41:26:06	W075:43:35	FM	285 : 104.9 MH A	LIC	31	-30.87	0.27	333	2nd A	0.13	1360.27	-24.87						
* WRFF	PHILADELPHIA	PA	N40:02:30	W075:14:24	FM	283 : 104.5 MH B	LIC	178	-17.81	11.50	308	Co-C	160.19	16511.50	17.19						
W283BE	SCRANTON	PA	N41:26:06	W075:43:35	FM	283 : 104.5 MH DX	LIC	0	0.13	0.00	0	Co-C	0.13	1360.03	0.13						
* W280CV	SCRANTON	PA	N41:25:38	W075:44:53	FM	280 : 103.9 MH DX	LIC	0	1.97	0.00	364	3rd A	1.97	2410.01	1.97						
WAEB-FM	ALLENTOWN	PA	N40:43:13	W075:35:44	FM	281 : 104.1 MH B	LIC	69	11.24	50.00	152	2nd A	80.24	17250.00	17.24						
WSJR	DALLAS	PA	N41:15:43	W075:58:04	FM	229 : 93.7 MHz A	LIC	10	17.88	1.45	207	IF	27.88	2261.45	17.88						
* W283AO	CARBONDA	PA	N41:34:38	W075:30:21	FM	283 : 104.5 MH DX	LIC	0	24.27	0.00	0	Co-C	24.27	0500.00	24.27						
WNKZ	DUSHORE	PA	N41:30:07	W076:23:34	FM	280 : 103.9 MH A	LIC	31	25.06	2.80	111	3rd A	56.06	2782.80	31.06						
* W282BK	TUNKHANN	PA	N41:30:45	W076:04:16	FM	282 : 104.3 MH DX	LIC	0	29.94	0.25	351	1st A	29.94	2870.25	-38.06						
WSPK	POUGHKEE	NY	N41:29:19	W073:56:52	FM	284 : 104.7 MH B	LIC	113	35.81	7.40	381	1st A	148.81	0887.40	52.81						
WILQ	WILLIAMSP	PA	N41:11:43	W076:58:18	FM	286 : 105.1 MH B	LIC	69	38.56	9.20	346	3rd A	107.56	2569.20	44.56						
WCSD-LP	SHAWNEETOWN	PA	N41:01:03	W075:06:51	FM	285 : 104.9 MH L1	LIC	29	40.30	0.00	26	2nd A	69.30	1320.00	40.30						
WWYL	CHENANGO	NY	N42:03:29	W075:57:15	FM	281 : 104.1 MH A	LIC	31	40.63	0.93	254	2nd A	71.63	3450.93	46.63						
W282BF	HONESDAL	PA	N41:34:45	W075:10:42	FM	282 : 104.3 MH DX	LIC	0	48.54	0.11	121	1st A	48.54	0710.11	-19.46						
WAXQ	NEW YORK	NY	N40:44:54	W073:59:10	FM	282 : 104.3 MH B	LIC	113	52.04	6.00	415	1st A	165.04	1186.00	69.04						
W286CV	HAZLETON	PA	N40:58:10	W075:57:24	FM	286 : 105.1 MH DX	LIC	0	55.25	0.00	0	3rd A	55.25	2000.08	55.25						
* W283CB	JONESTOWN	PA	N41:07:35	W076:15:59	FM	283 : 104.5 MH DX	CP	0	56.74	0.01	0	Co-C	56.74	2330.00	56.74						
WJRH	EASTON	PA	N40:41:53	W075:12:30	FM	285 : 104.9 MH D	LIC	29	63.83	0.01	7	2nd A	92.83	1520.01	63.83						
WFRG-FM	UTICA	NY	N43:03:23	W075:25:02	FM	282 : 104.3 MH B	LIC	113	68.82	100.0	139	1st A	181.82	008100.085	82.82						
W283AG	BINGHAMTON	NY	N42:03:22	W075:56:39	FM	283 : 104.5 MH DX	LIC	0	71.21	0.08	287	Co-C	71.21	3450.08	71.21						
W230AE	BETHLEHEM	PA	N40:46:53	W075:38:39	FM	230 : 93.9 MHz DX	LIC	0	73.02	0.01	246	IF	73.02	1740.00	73.02						
W285DI	BINGHAMTON	NY	N42:05:47	W075:54:42	FM	285 : 104.9 MH DX	LIC	0	74.95	0.05	-37	2nd A	74.95	3480.05	74.95						
WIOV-FM	EPHRATA	PA	N40:10:30	W076:09:31	FM	286 : 105.1 MH B	LIC	69	75.66	25.00	214	3rd A	144.66	19525.00	81.66						
W282AP	BLOOMSBURG	PA	N41:01:00	W076:27:44	FM	282 : 104.3 MH DX	LIC	0	77.22	0.25	51	1st A	77.22	2330.25	9.22						
W286CJ	MILFORD	PA	N41:20:22	W074:47:28	FM	286 : 105.1 MH DX	CP	0	79.05	0.01	38	3rd A	79.05	0980.01	79.05						
WOLF-FM	DERUYTER	NY	N42:46:58	W075:50:28	FM	286 : 105.1 MH B	LIC	69	80.90	33.00	185	3rd A	149.90	35633.00	86.90						
W284CB	ST. CLAIR	PA	N40:45:45	W076:08:17	FM	284 : 104.7 MH DX	LIC	0	82.35	0.15	183	1st A	82.35	2050.15	14.35						
W285DH	N. WHITEHA	PA	N40:40:22	W075:34:42	FM	285 : 104.9 MH DX	LIC	0	85.66	0.01	105	2nd A	85.66	1720.01	85.66						
20131115AS	MONTICELL	NY	N41:41:50	W074:44:10	FM	229 : 93.7 MHz L1	CP	0	87.65	0.00	59	IF	87.65	0710.00	87.65						
W284CM	SAYRE	PA	N41:57:36	W076:32:58	FM	284 : 104.7 MH DX	CP	0	89.84	0.01	139	1st A	89.84	3100.01	21.84						
W286CS	WAVERLY	NY	N42:01:04	W076:30:42	FM	286 : 105.1 MH DX	LIC	0	91.84	0.15	0	3rd A	91.84	3150.15	91.84						
WBBS	FULTON	NY	N43:12:50	W076:23:47	FM	284 : 104.7 MH B	LIC	113	92.05	50.00	150	1st A	205.05	34450.00	109.05						
WNNK-FM	HARRISBURG	PA	N40:18:59	W076:57:04	FM	281 : 104.1 MH B	LIC	69	92.54	22.50	221	2nd A	161.54	22022.50	98.54						
WSRK	ONEONTA	NY	N42:25:26	W075:02:33	FM	280 : 103.9 MH A	LIC	31	92.58	1.40	180	3rd A	123.58	0271.40	98.58						
W230AG	EASTON	PA	N40:41:53	W075:12:30	FM	230 : 93.9 MHz DX	LIC	0	92.83	0.01	-7	IF	92.83	1520.10	92.83						
W229AR	WAVERLY	NY	N42:00:31	W076:33:28	FM	229 : 93.7 MHz DX	LIC	0	93.92	0.00	0	IF	93.92	3130.00	93.92						
W283AT	WALTON	NY	N42:09:34	W075:07:26	FM	283 : 104.5 MH DX	LIC	0	94.74	0.07	0	Co-C	94.74	0320.07	94.74						
W229AO	FOGELSVILLE	PA	N40:35:06	W075:37:02	FM	229 : 93.7 MHz DX	LIC	0	94.94	0.00	0	IF	94.94	1740.08	94.94						
WWPR-FM	NEW YORK	NY	N40:44:54	W073:59:10	FM	286 : 105.1 MH B	LIC	69	96.04	6.00	415	3rd A	165.04	1186.00	102.04						
20131114AN	WESTBROOK	NY	N41:31:39	W074:32:51	FM	229 : 93.7 MHz L1	CP	0	99.08	0.00	0	IF	99.08	0840.00	99.08						

\* - 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.