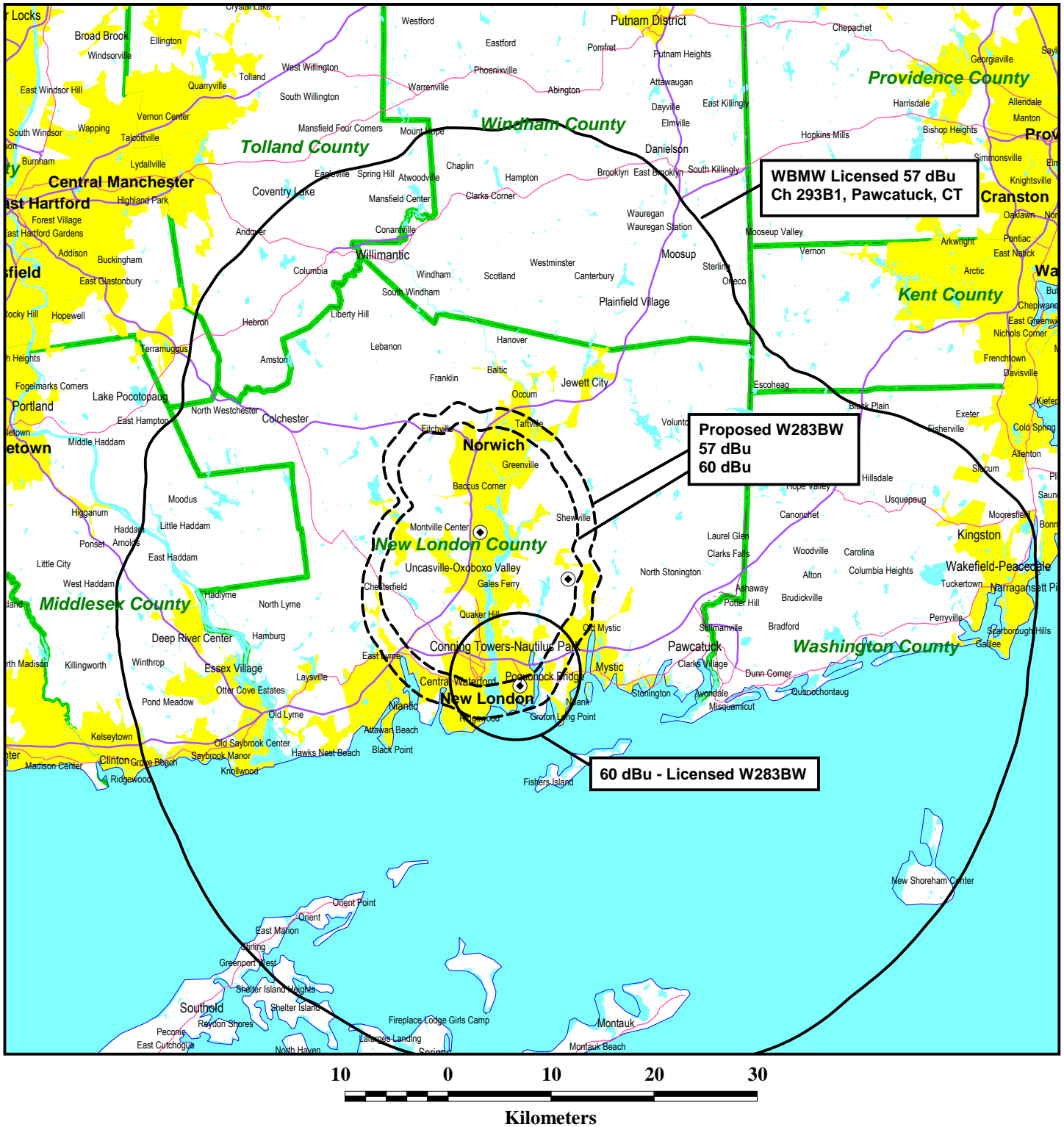


Figure 1



FCC PREDICTED CONTOURS
FM TRANSLATOR STATION W283BW
NEW LONDON, CONNECTICUT
CH 283D 0.25 KW (DA)

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

FM Contour Study

du Treil, Lundin, & Rackley, Inc., Sarasota, Florida



Channel: 283 **Coordinates:** 041-28-30 072-06-17 (NAD 27) **ERP:** 0.25 kW **Max. HAAT:** 144 m **Considering Only Interference Caused**

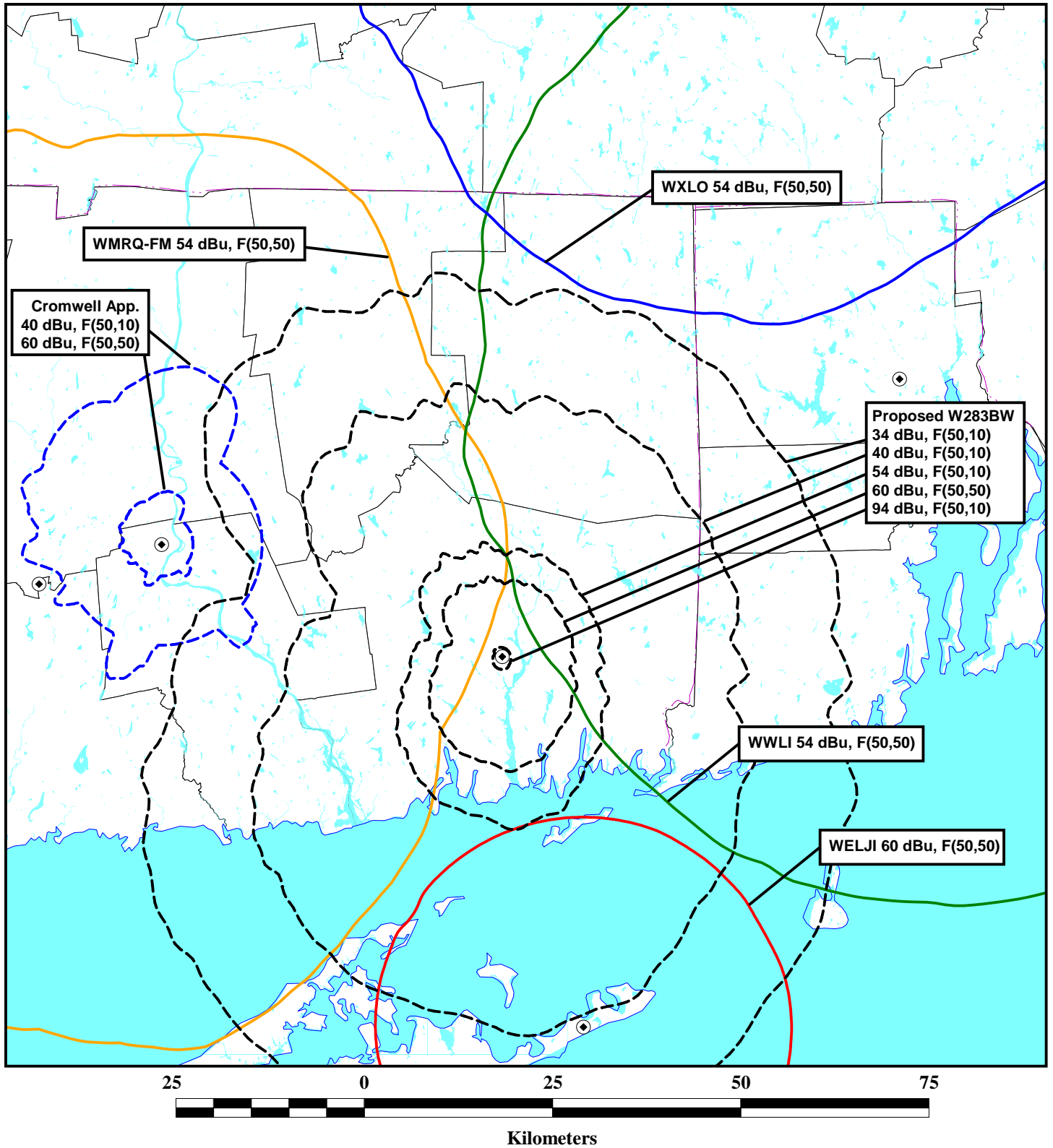
Comment: Proposed W283BW

Callsign	Chan.	Service	Status	Freq.	City	State	Co.	Rec.	Latitude	Dist. (km)	Sep. (km)	Spac. (km)
Facility ID	ARN			Class	DA	73.215	ERP (kW)	HAAT (m)	Longitude	Bear. (deg)	Comment	
WMRQ-FM	281	FM	LIC	104.1	WATERBURY	CT	US	C	41-33-42	62.52	69.5	-6.98
74279	BLH	20120622ABZ	B	D	N	14	255		072-50-41	279.14	SHORT	Note 1
WMRQ-FM 54.0 dBu desired distance: 67.7 km				Proposed 94.0 dBu undesired distance: 1.8 km								
W283BW	283	FX	LIC	104.5	NEW LONDON	CT	US	C	41-20-27.6	15.38	58.08	-42.7
147684	BLFT	20140513AEN	D	C	N	0.25	-10.7		072-03-29.8	165.41	SHORT	Note 2
W283BW 60.0 dBu desired distance: 7.1 km				Proposed 40.0 dBu undesired distance: 51.0 km								
WXLO	283	FM	LIC	104.5	FITCHBURG	MA	US	C	42-30-27	116.97	143.25	-26.28
43557	BMLH	19910920KB	B	N	N	37	172		071-49-37	11.21	SHORT	Note 1
WXLO 54.0 dBu desired distance: 75.6 km				Proposed 34.0 dBu undesired distance: 67.7 km								
NEW	283	FL	APP	104.5	CROMWELL	CT	US	C	41-36-31.7	47.79	56.59	-8.8
192701	BNPL	20131115ABV	L1	N	N	0.031203	52.485092		072-38-56.7	288.36	SHORT	Note 1
NEW 60.0 dBu desired distance: 5.6 km				Proposed 40.0 dBu undesired distance: 51.0 km								
WELJ	284	FM	LIC	104.7	MONTAUK	NY	US	C	41-01-57	50.33	51.23	-0.9
7996	BLH	19930226KB	A	N	Y	6	96		071-58-31	167.55	SHORT	Note 1
WELJ 60.0 dBu desired distance: 27.9 km				Proposed 54.0 dBu undesired distance: 23.3 km								
WWLI	286	FM	LIC	105.1	PROVIDENCE	RI	US	C	41-48-24	64.43	73.41	-8.98
64838	BMLH	20070206ABO	B		N	50	152		071-28-13	54.82	SHORT	Note 1
WWLI 54.0 dBu desired distance: 71.6 km				Proposed 94.0 dBu undesired distance: 1.8 km								

Note 1: Proposal complies with the contour overlap provisions of Section 74.1204(a). See Exhibit 17 and Figure 3.

Note 2: Licensed W283BW operation.

Figure 3



COMPLIANCE WITH SECTION 74.1204
FM TRANSLATOR STATION W283BW
NEW LONDON, CONNECTICUT
CH 283D 0.25 KW (DA)

du Treil, Lundin & Rackley, Inc. Sarasota, Florida