

Proposed Minor Modification

W273CN at Westport, Connecticut • Facility ID 156144

Technical Statement

Overview

This application is identical to that granted in CP # 124891.

The proposed 60 dBu service contour overlaps that of the licensed facility as shown in Figure 1 and Figure 2, (green) and is enclosed within that of NCE primary WSHU-FM (grey in Fig. 1.)

74.1204 Study

The following facilities were studied.

Call Sign	C	ST	City	Freq.	ERP	Class	Status	D
Proposed	5	CT	WESTPORT	102.1	250.0	D	APP	0.00
WSHU-FM	1	CT	FAIRFIELD	91.1	20000.0	B	LIC	7.86
W273CN	1	CT	WESTPORT	102.5	150.0	D	LIC	18.22
W272DO	2	CT	NEW HAVEN	102.3	250.0	D	LIC	26.44
W270DL	1	CT	MILFORD	101.9	250.0	D	LIC	26.45
WKBR-LP	1	NY	TOWN OF HIGHLANDS	102.3	100.0	LP100	LIC	43.72
WBAB	1	NY	BABYLON	102.3	6000.0	A	LIC	47.45
WFAN-FM	1	NY	NEW YORK	101.9	6200.0	B	LIC	81.92
WWFS	1	NY	NEW YORK	102.7	6000.0	B	LIC	81.92
WPDH	1	NY	POUGHKEEPSIE	101.5	4400.0	B	LIC	84.16
WAQY	1	MA	SPRINGFIELD	102.1	17000.0	B	LIC	84.16

Figures 1 and 2 illustrate the absence of prohibited overlap between the proposed translator interfering contour and the pertinent service contours of each of these facilities.

Environmental Considerations

The proposed antenna will be mounted on an existing structure with no new construction. RFR compliance was determined through the use of the RF worksheets in Appendix A.

Respectfully submitted,



Dennis Jackson
February 28 2022

Figure 1 – Section 74.1204 Study & Fill-In Status

Proposed service contour overlaps licensed contour (green)
and is enclosed within that of WSHU-FM (grey.)

Proposed 34 dBu Interfering Contour does not overlap WAQY 54 dBu Service Contour (light blue.)

Proposed 48 dBu Interfering Contour does not overlap WFAN-FM or WPDH 54 dBu Service (pink.)

Proposed 54 dBu Interfering Contour does not overlap any first adjacent Service Contour (orange.)

Key: same colors may not overlap.

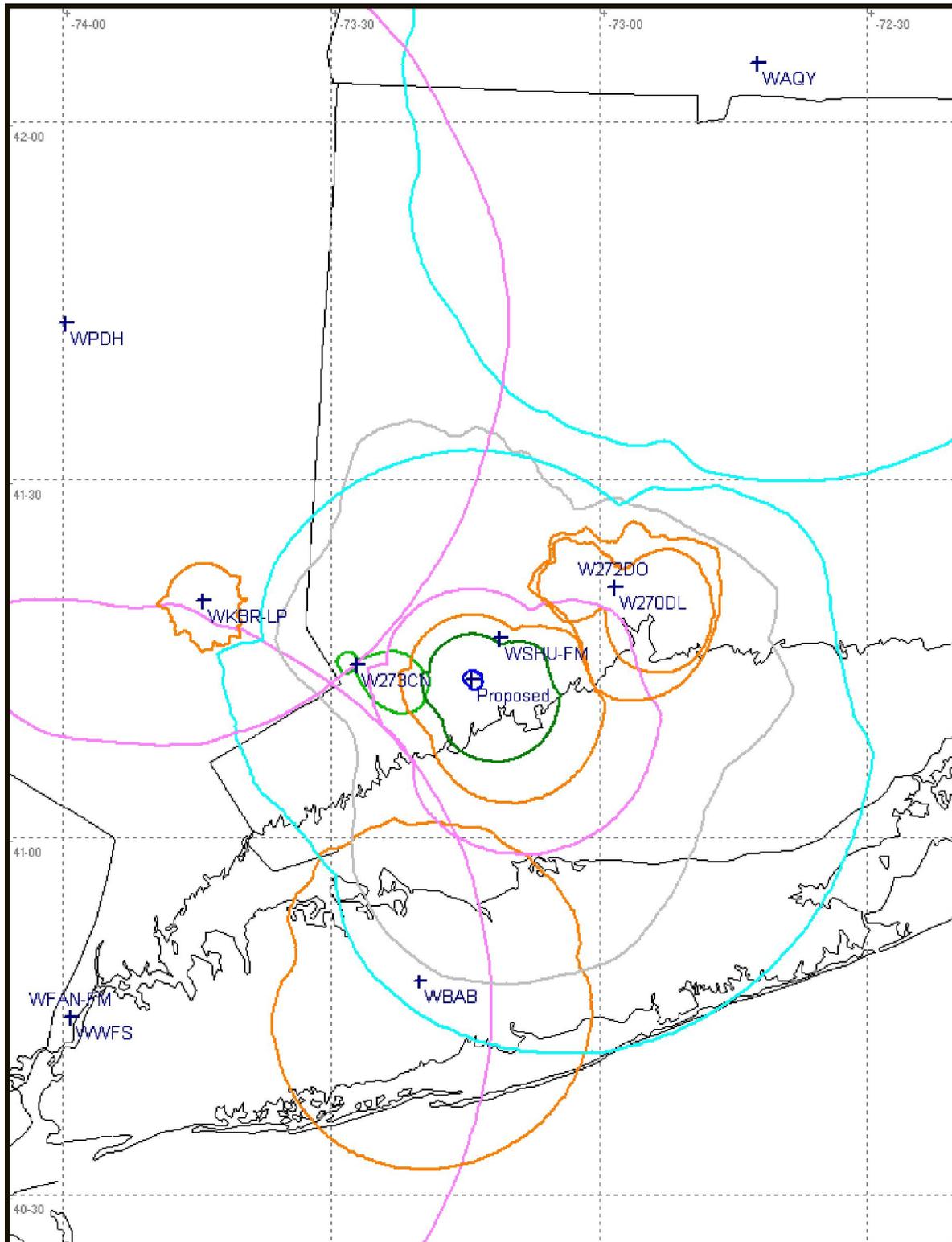


Figure 2 – Section 74.1204 Closeup Study

Key: same colors may not overlap.

