

Proposed Minor Modification
W273EB at Westport, Connecticut • Facility ID 156144

Technical Statement

Overview

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 WPKN (light grey in Fig. 1.)

74.1204 Study

The following facilities were studied.

Call Sign	C	ST	City	Freq. ▼	ERP	Class	Status	D
WPKN	1	CT	BRIDGEPORT	89.5	10000.0	B	LIC	0.00
WPDH	1	NY	POUGHKEEPSIE	101.5	4400.0	B	LIC	83.52
W270DL	2	CT	NEW HAVEN	101.9	250.0	D	LIC	19.45
WFAN-FM	1	NY	NEW YORK	101.9	6200.0	B	LIC	89.48
Proposed	6	CT	SHELTON	102.1	250.0	D	APP	0.00
WAQY	1	MA	SPRINGFIELD	102.1	17000.0	B	LIC	97.92
WKBR-LP	1	NY	TOWN OF HIGHLANDS	102.3	100.0	LP100	LIC	46.67
W272DO	2	CT	NEW HAVEN	102.3	250.0	D	LIC	19.45
WBAB	1	NY	BABYLON	102.3	6000.0	A	LIC	54.72
W273CN	2	CT	WESTPORT	102.5	250.0	D	LIC	22.85
WHVC	1	NY	RHINEBECK	102.5	1350.0	A	LIC	91.68
WBAZ	1	NY	BRIDGEHAMPTON	102.5	4800.0	A	LIC	79.37
WNEW-FM	1	NY	NEW YORK	102.7	6000.0	B	LIC	89.48

Figures 1 through 4 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
January 11, 2023

Figure 1 – Section 74.1204 Study & Fill-In Status

**Proposed service contour overlaps licensed contour (both green)
and is enclosed within that of WPKN (light grey.)**

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

**Proposed 48 dBu Interfering Contour does not overlap WFAN-FM Service Contour
except over the waters of Long Island Sound (both blue.)**

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

Key: same colors may not overlap.

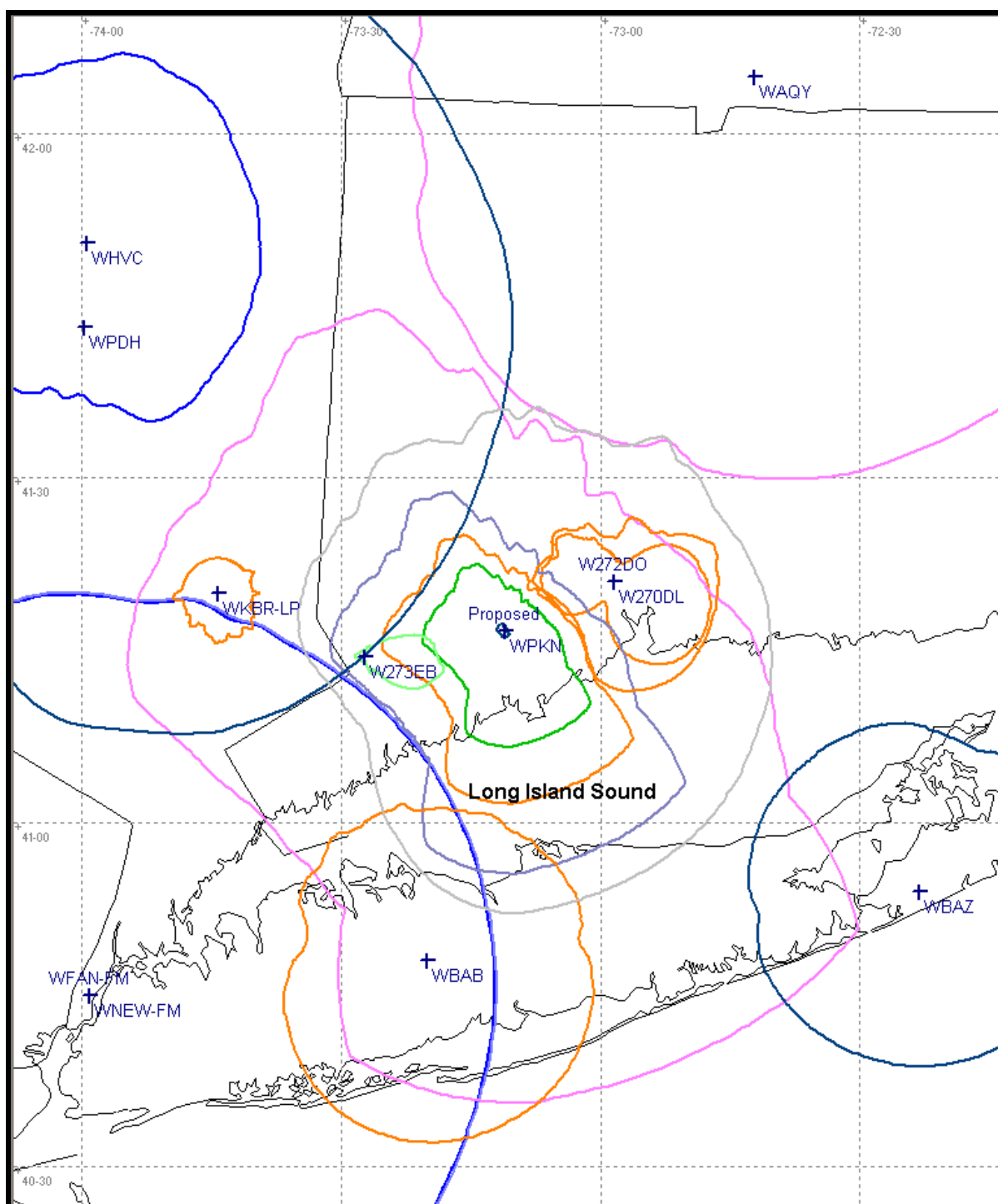


Figure 2 – Section 74.1204 Closeup Study

Proposed 48 dBu Interfering Contour does not overlap first adjacent WFAN-FM 54 dBu Service Contour (both blue) except over the waters of Long Island Sound.

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

Key: same colors may not overlap.

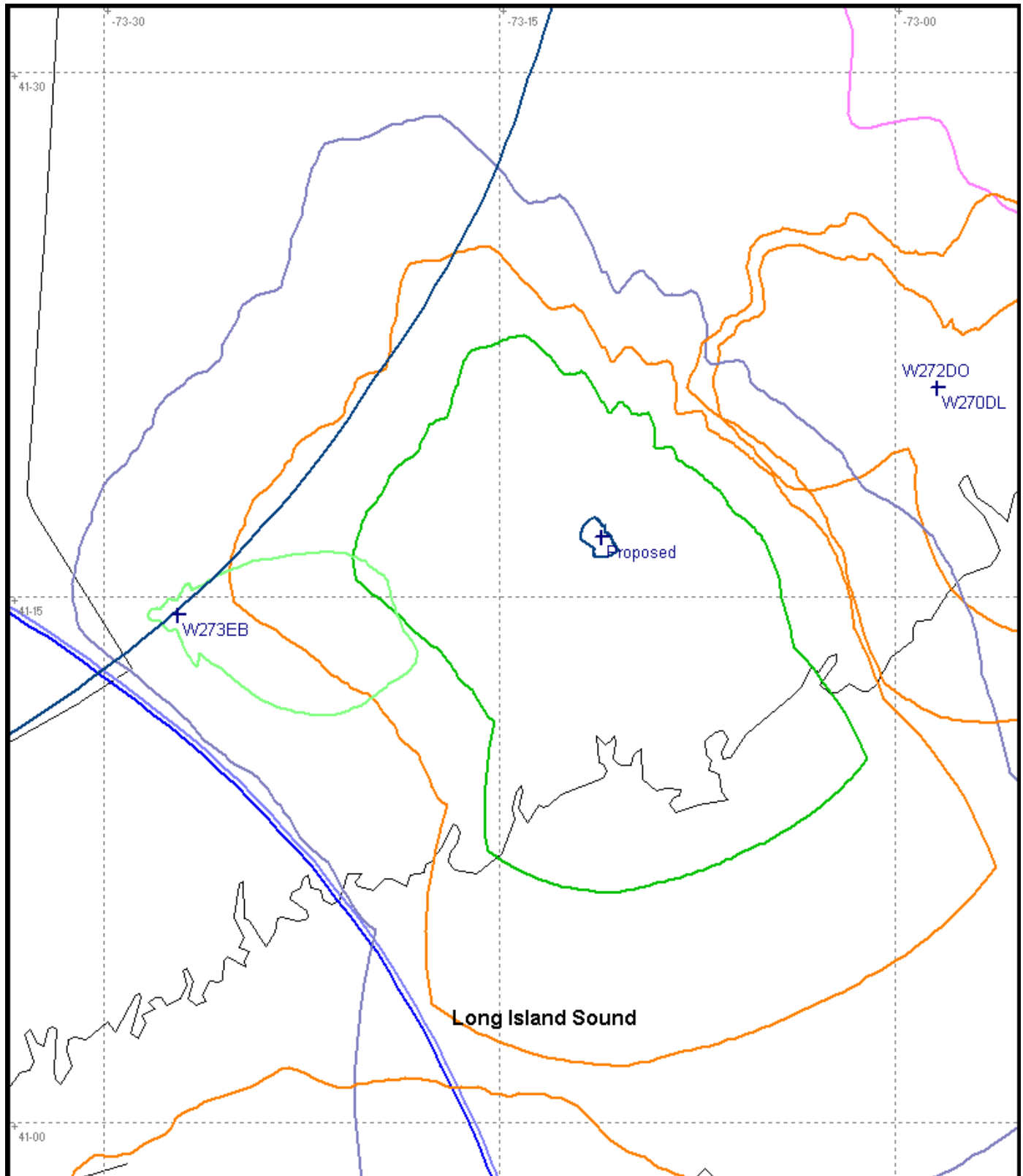


Figure 3 – Section 74.1204 Closeup Study to W270DL and W272DO

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

Key: same colors may not overlap.

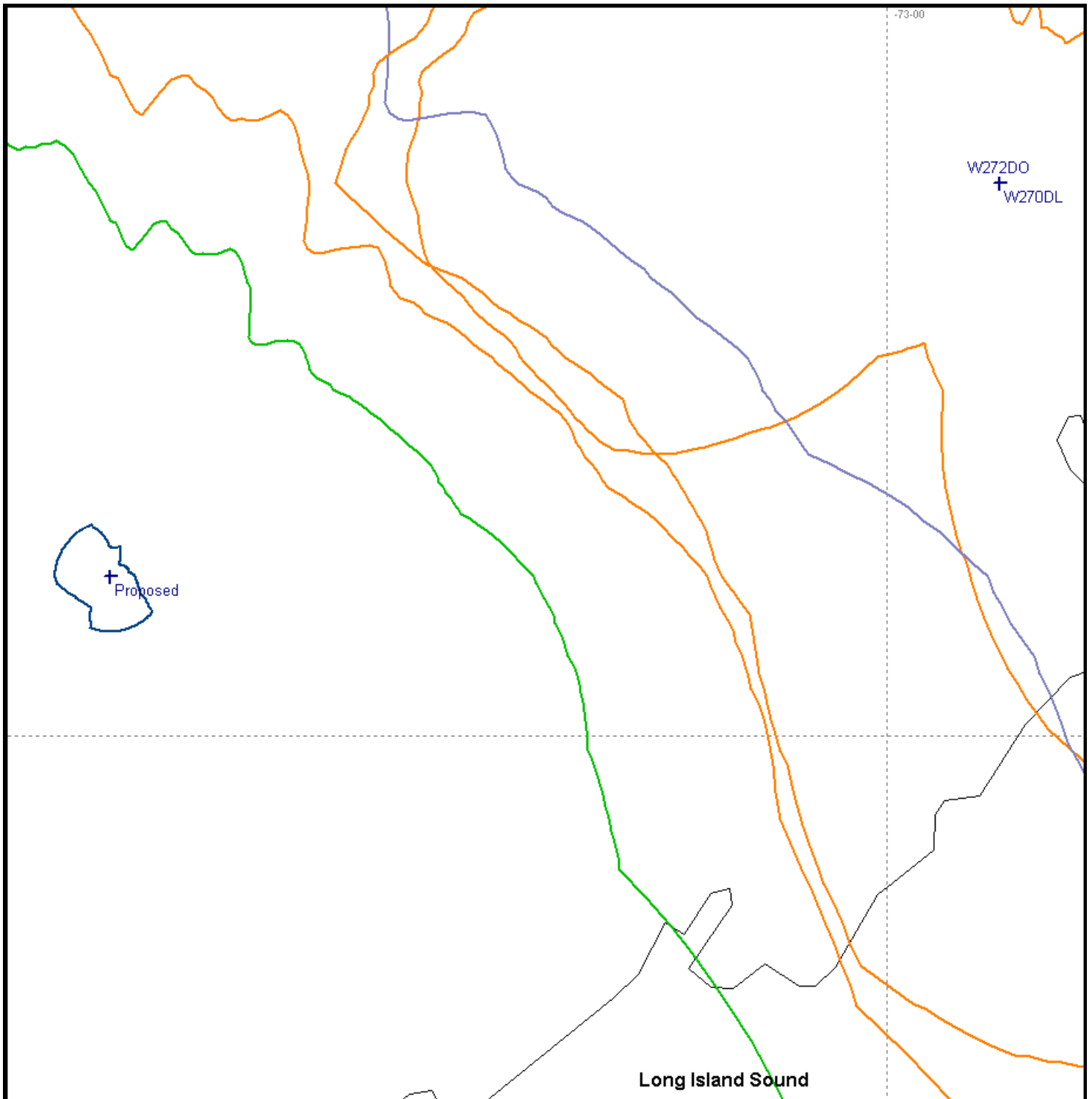


Figure 4 – Section 74.1204 Closeup Study to WAQY

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

Key: same colors may not overlap.

