

Proposed Minor Modification

W282CS at Sanford, Maine • BLFT-20190514AAF • Facility ID 201465

Technical Statement

Overview

This application requests a minor modification to the above-captioned facility to modify the directional antenna pattern to improve fill-in coverage with no change in antenna height or site location. The proposed 60 dBu service contour overlaps that of the licensed facility as shown in Figs 1 and 2 (green) and is enclosed within that of primary WWSF(AM) (grey.)

74.1204 Study

The following facilities were studied.

Call Sign	C	ST	City	Freq. ▼	ERP	Class	Status	D
WXGR-LP	1	NH	DOVER	103.5	13.0	LP100	LIC	27.35
WPKQ	1	NH	NORTH CON	103.7	21500.0	C	LIC	102.75
W281AC	1	ME	PORTLAND	104.1	250.0	D	LIC	52.58
WWBX	1	MA	BOSTON	104.1	21000.0	B	LIC	121.32
W282AF	1	NH	CONCORD	104.3	3.0	D	LIC	56.28
W282AB	2	NH	DOVER	104.3	19.0	D	LIC	24.03
Proposed	5	ME	SANFORD	104.3	250.0	A	APP	0.00
W282CS	5	ME	SANFORD	104.3	250.0	A	LIC	0.00
WABK-FM	1	ME	GARDINER	104.3	50000.0	B	LIC	126.07
WVMJ	1	NH	CONWAY	104.5	1850.0	A	LIC	64.54
WHTP	1	ME	KENNEBUNK	104.7	6000.0	A	LIC	29.66
WWSF	1	ME	SANFORD	1220	1000.0	A	LIC	3.55

Figure 1 illustrates 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 tower with no new construction. RFR compliance was determined through the use of the RF worksheets in Appendix A.

Respectfully submitted,



Dennis Jackson
December 3, 2019

**Proposed service contour overlaps authorized service contour (green)
and is enclosed within that of WWSF(AM) (grey.)**

Key: same colors may not overlap.

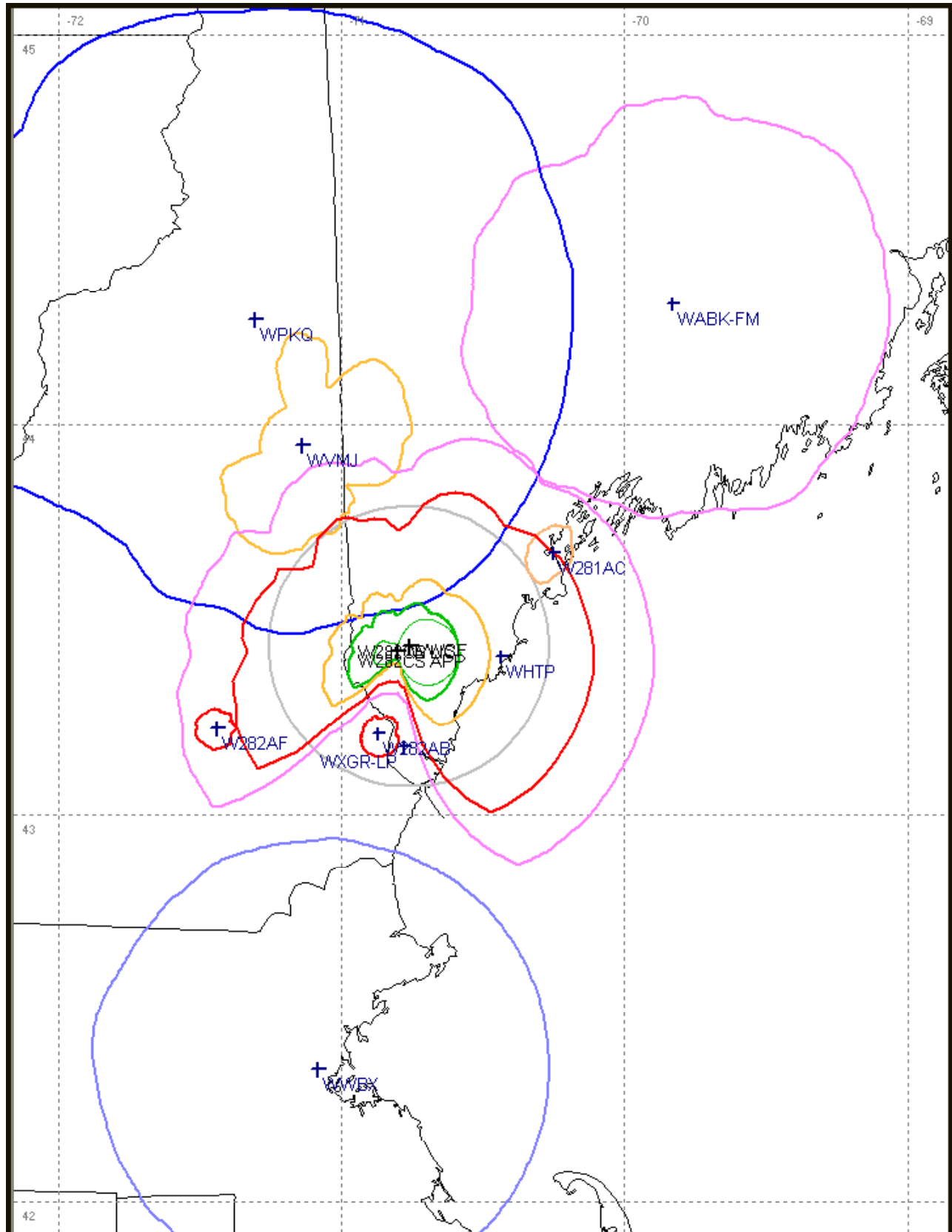


Figure 2 – Section 74.1204 Closeup Study & Fill-In Status

**Proposed service contour overlaps authorized service contour (green)
and is enclosed within that of WWSF(AM) (grey.)**

Proposed Interfering Contours do not overlap service contours of any other.

Key: same colors may not overlap.

