

KIFX(FM)

Naples, UT

Proposed Minor Modification Of Licensed Facility

Application Overview:

In MB Docket 05-243, Channel 253C2 was deleted at Roosevelt, UT, and mutually exclusive Channel 255C2 was added at Naples, UT, for use by KIFX(FM). Due to delays with other stations implementing their respective channel changes ordered in that Docket, KIFX(FM) has not yet implemented its portion of the Report and Order. However, due to other changes in the spectrum, Channel 253C2 became available at the new community of Naples, UT, for KIFX(FM)'s use. Therefore, the licensee proposes a channel substitution of Channel 253C2 for Channel 255C2 at Naples, UT, so that it may otherwise implement the change in community as so authorized in the Docket using the following parameters:

Tech Box:

Channel:	253
Class:	C2
Antenna Coordinates:	N40-32-16, W109-41-57 (NAD 27)
Allotment Ref. Coordinates:	N40-32-16, W109-41-57 (NAD 27)
ASRN:	N/A
Tower Height AGL:	24 m
COR AMSL:	2645 m
COR AGL:	18 m
COR HAAT:	515 m
ERP:	3.2 kW
Directional Antenna:	No

Allotment Modifications:

Exhibit 1 is an allotment reference site channel spacings study for KIFX(FM) on Channel 253C2 at Naples, UT, demonstrating that the proposed facility is fully spaced pursuant to Section 73.207 towards all other authorizations, allotments, and proposals from the following location:

Allotment Reference Coordinates: N40-32-16, W109-41-57 (NAD 27)

Allotment Site City-Grade Coverage:

In accordance with the city grade coverage requirements of Section 73.315, Exhibit 2 demonstrates that the proposed allotment site provides requisite coverage of KIFX(FM)'s community of license – Naples, UT. As can be seen in the Exhibit, 100% of Naples's community boundaries are encompassed by the F(50,50) 70 dBu contour. Also, no terrain obstructions are located between the antenna site and the community.

Suitable Allotment Reference Site:

In accordance with Note 1 to Section 73.3573, the allotment site is the currently licensed site for KIFX(FM).

Antenna Site City-Grade Coverage:

Exhibit 4 demonstrates that the proposed facility's antenna site provides city grade coverage of KIFX(FM)'s community of license – Naples, UT. As can be seen in the Exhibit, 100% of Naples's community boundaries are encompassed by the F(50,50) 70 dBu contour of

the proposed facility. Also, no major terrain obstructions are located between the antenna site and the community.

Interference Study (Fully Spaced):

Exhibit 5 is a channel spacings study demonstrating that the proposed antenna site is fully spaced towards all applications, authorizations, and permits pursuant to Section 73.207.

Downward Radiation Study (FM Model):

The proposed FM Facility has been evaluated in terms of potential radiofrequency electromagnetic field exposure at ground level in accordance with OET Bulletin No. 65, Evaluating Compliance with FCC Specified Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields (OET Bulletin 65, Second Edition 97-01, August, 1997). The Commission's FM Model Power Density Prediction program was employed to determine the Field. Using the EPA Type 2: Opposed V Dipole antenna with 4 sections and 0.5 wavelength spacing, and the AGL height and ERP proposed in this application, the highest predicted power density 2 meters above ground is less than 11.4% of the Uncontrolled Standard with a Power Density of 22.75 microwatts per square centimeter 59.8 meters from the base of the tower.

Even though the site will fully comply with the Uncontrolled Site Standards, access to the transmitting site will be restricted and appropriately marked with warning signs. When it becomes necessary for workers to ascend the tower, appropriate measures, such as reduction or

shut down of power if necessary, shall be taken to ensure that the human exposure to radiofrequency radiation will not exceed the FCC guidelines.

Existing Tower:

The proposed facility is exempt from environmental processing because the facility is not located at a location specified in Section 1.1307(a)(1)-(8) of the Commission's Rules and since the tower in question already exists.

Exhibit 1

Allotment Reference Site Channel Spacings Study

ADD 253C2 Naples, UT
Section 73.207 Allotment Site Spacings Study

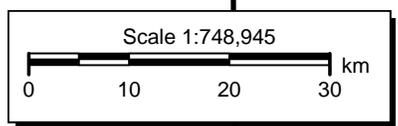
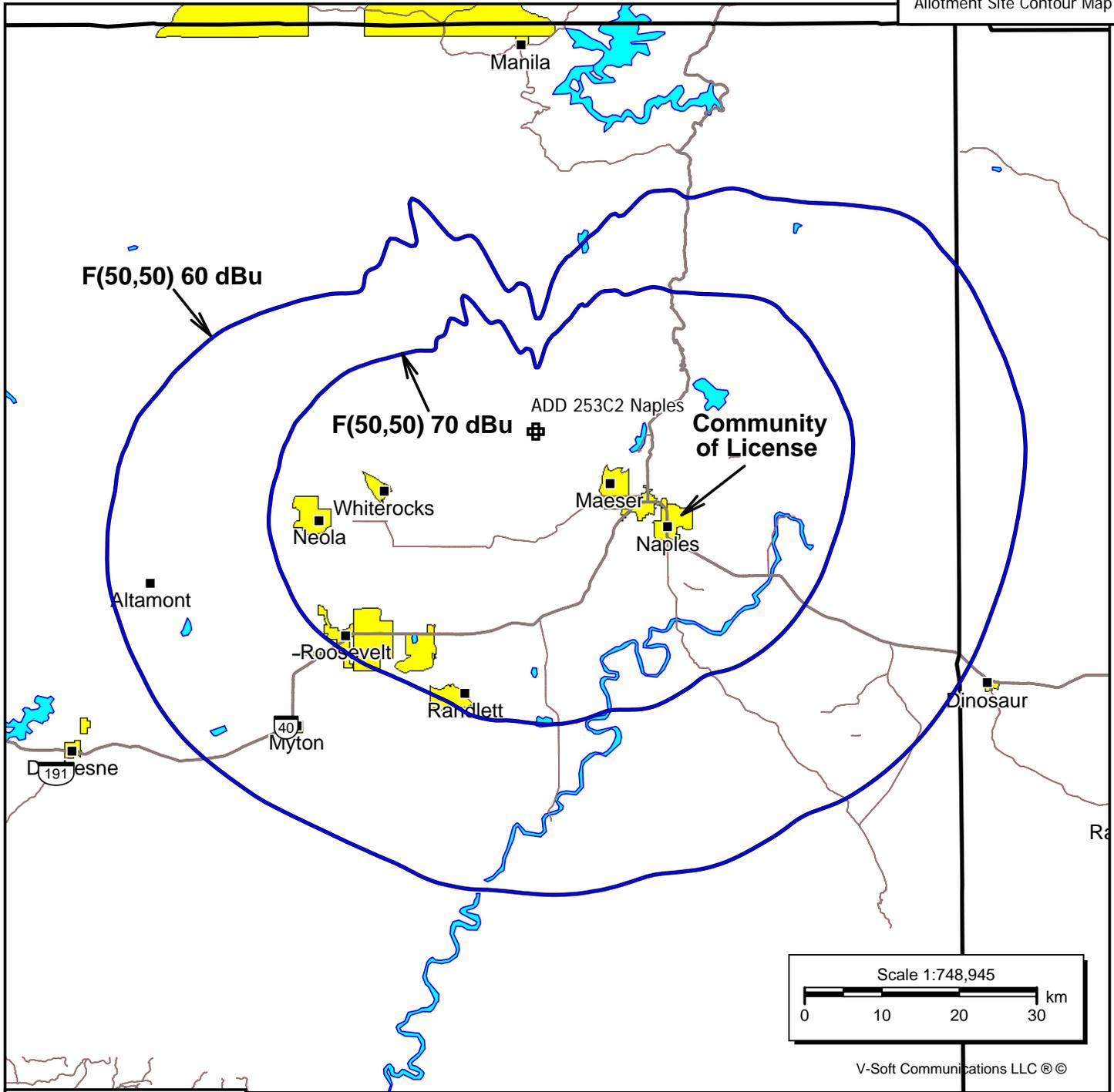
REFERENCE		DISPLAY DATES
40 32 16.0 N.	CLASS = C2	DATA 10-08-16
109 41 57.0 W.	Current Spacings to 3rd Adj.	SEARCH 10-09-16
----- Channel 253 - 98.5 MHz -----		

Call	Channel	Location	Azi	Dist	FCC	Margin
KIFX	LIC 253C2	Roosevelt	UT 0.0	0.00	189.5	-189.5
AL2561	RSV-A 255C2	Naples	UT 68.6	5.78	57.5	-51.7
AL2473	RSV-A 255C2	Naples	UT 68.6	5.78	57.5	-51.7
KADQ-FM	LIC 252C2	Evanston	WY 312.1	136.24	129.5	6.7
KAAI	LIC-N 253C2	Palisade	CO 142.8	206.64	189.5	17.1
KBEE	LIC 254C	Salt Lake City	UT 273.0	208.47	187.5	21.0
KARB	LIC 252C3	Price	UT 222.9	140.26	116.5	23.8
KWXR	LIC 254A	Reliance	WY 19.8	132.28	105.5	26.8
KZWB	LIC 250C2	Green River	WY 15.4	110.53	57.5	53.0
KNYN	LIC 256C1	Fort Bridger	WY 312.2	136.16	78.5	57.7

RSV-R = reserved - needs protection, RSV-A = allocation
All separation margins include rounding

Exhibit 2

Allotment Reference Site City-Grade Coverage Map



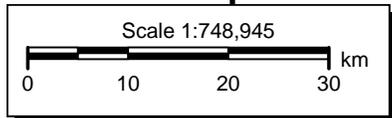
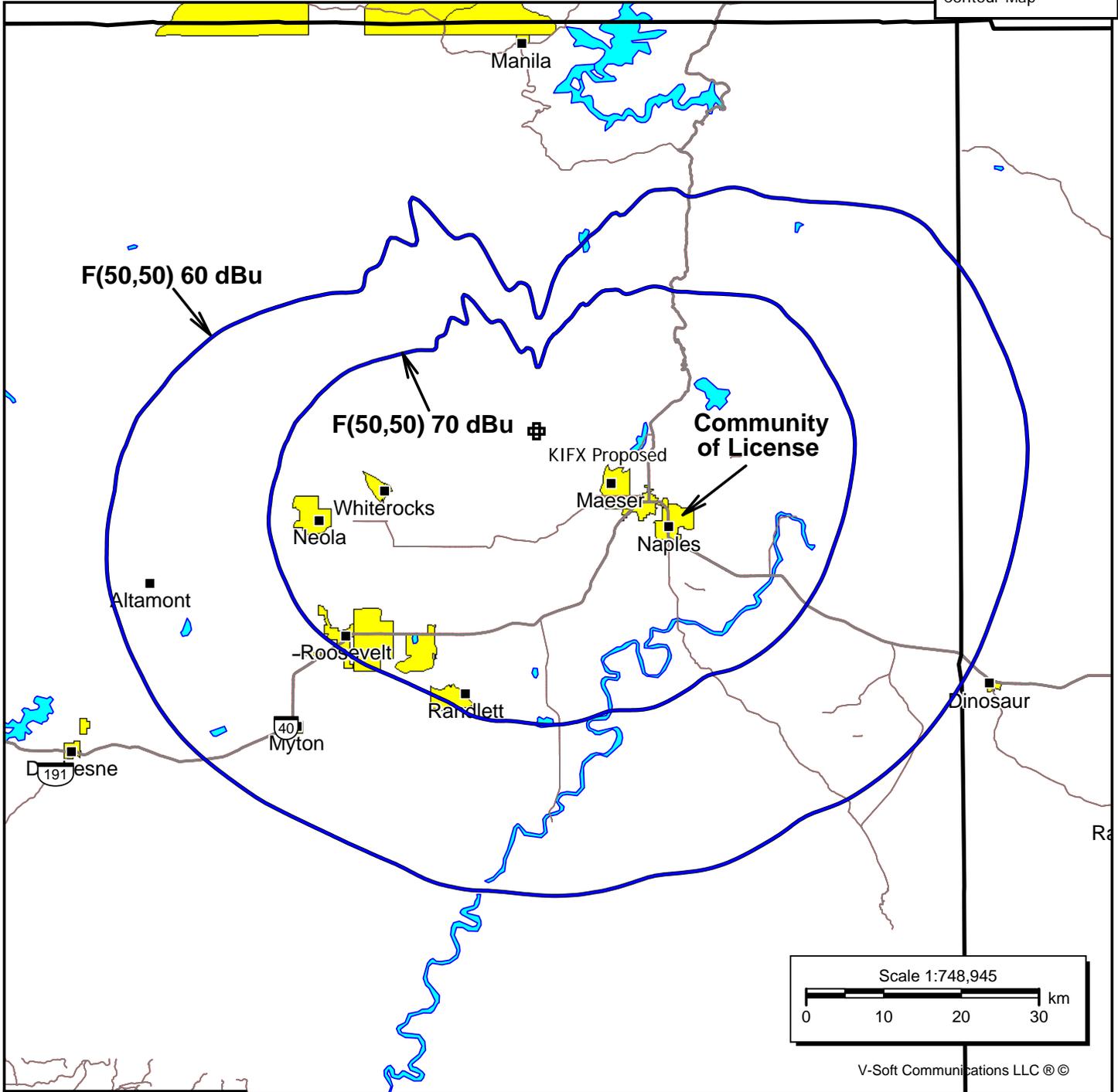
V-Soft Communications LLC ©

ADD 253C2 Naples
Proposed
Channel: 253C2
Frequency: 98.5 MHz
Latitude: 40-32-16 N
Longitude: 109-41-57 W
COR AGL Height: 18.0 m
COR AMSL Height: 2645.0 m
Base Elevation: 2627.0 m
COR HAAT: 515.0 m
ERP: 3.20 kW
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

Exhibit 4

Proposed Antenna Site Contour Map:

**F(50,50) Protected Contour
F(50,50) City-Grade Contour**



V-Soft Communications LLC ©

KIFX Proposed
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Exhibit 5

Proposed Antenna Site Channel Spacings Study

KIFX(FM) 253C2 Naples, UT
Section 73.207 Spacings Study

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