

KYZK(FM)
Sun Valley, ID
Proposed Minor Modification
Of Licensed Facility

Application Overview:

KYZK(FM) (FCC Facility ID# 1164) proposes to modify its currently Licensed Facilities using the following parameters:

Tech Box:

Channel:	298
Class:	C1
Antenna Coordinates:	N43-38-37, W114-23-50 (NAD 27)
Allotment Ref. Coordinates:	N43-38-37, W114-23-50 (NAD 27)
ASRN:	N/A
Tower Height AGL:	30 m
COR AMSL:	2658 m
COR AGL:	24 m
COR HAAT:	583 m
ERP:	2.5 kW
Directional Antenna:	No

Allotment Modifications:

Exhibit 1 is an allotment reference site channel spacings study for KYZK(FM) on Channel 298C1 at Sun Valley, ID, demonstrating that the proposed facility is fully spaced

pursuant to Section 73.207 towards all other authorizations, allotments, and proposals from the following location in order to propose a one-step downgrade from Channel 298C to Channel 298C1 at Sun Valley:

Allotment Reference Coordinates: N43-38-37, W114-23-50 (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 KYZK(FM)'s community of license – Sun Valley, ID. As can be seen in the Exhibit, 100% of Sun Valley's community boundaries are encompassed by the theoretical 70 dBu, circle contour.

Suitable Allotment Reference Site:

In accordance with Note 1 to Section 73.3573, the allotment reference site is located at a suitable location and is not offshore, in a national or state park, on an airport or otherwise in an area which would necessarily present a hazard to air navigation. The Allotment is located at the existing tower proposed for the facility.

Antenna Site City-Grade Coverage:

Exhibit 4 demonstrates that the proposed facility's antenna site provides city grade coverage of KYZK(FM)'s community of license – Sun Valley, ID. As can be seen in the Exhibit, 100% of Sun Valley'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.

KSKI-FM, KECH-FM, and KYZK(FM) have contemporaneously filed minor modification applications to co-locate on a shared antenna. Therefore, using the Jampro "Double V" Antenna antenna with 4 sections and 0.5 wavelength spacing, and the AGL height and ERP proposed in all three applications (7.5 kW ERP), the highest predicted power density 2 meters above ground is less than 10.6% of the Uncontrolled Standard with a Power Density of 21.2 microwatts per square centimeter 82 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 298C1 Sun Valley, ID
Section 73.207 Allotment Site Channel Study

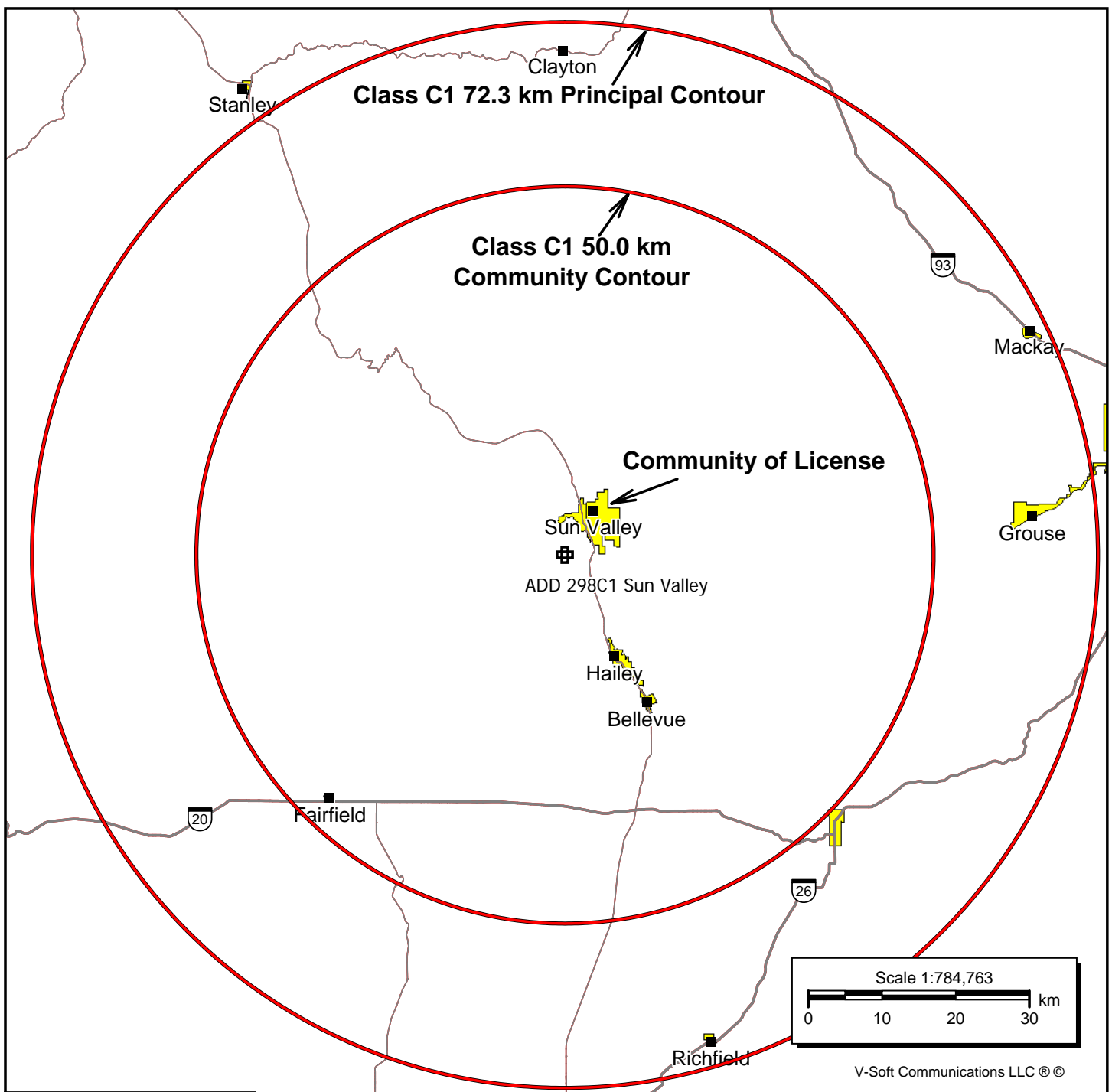
REFERENCE		DISPLAY DATES
43 38 37.0 N.	CLASS = C1	DATA 06-22-13
114 23 50.0 W.	Current Spacings to 3rd Adj.	SEARCH 06-23-13
----- Channel 298 - 107.5 MHz -----		

Call	Channel	Location	Azi	Dist	FCC	Margin
KYZK	RSV-A 298C0	Sun Valley	ID 143.7	0.03	258.5	-258.5
KYZK	LIC 298A	Sun Valley	ID 349.3	2.04	199.5	-197.5
KTHI	LIC 296C	Caldwell	ID 275.8	137.64	104.5	33.1
KXLT-FM	LIC 300C	Eagle	ID 275.8	137.64	104.5	33.1

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

Exhibit 2

Allotment Reference Site City-Grade Coverage Map



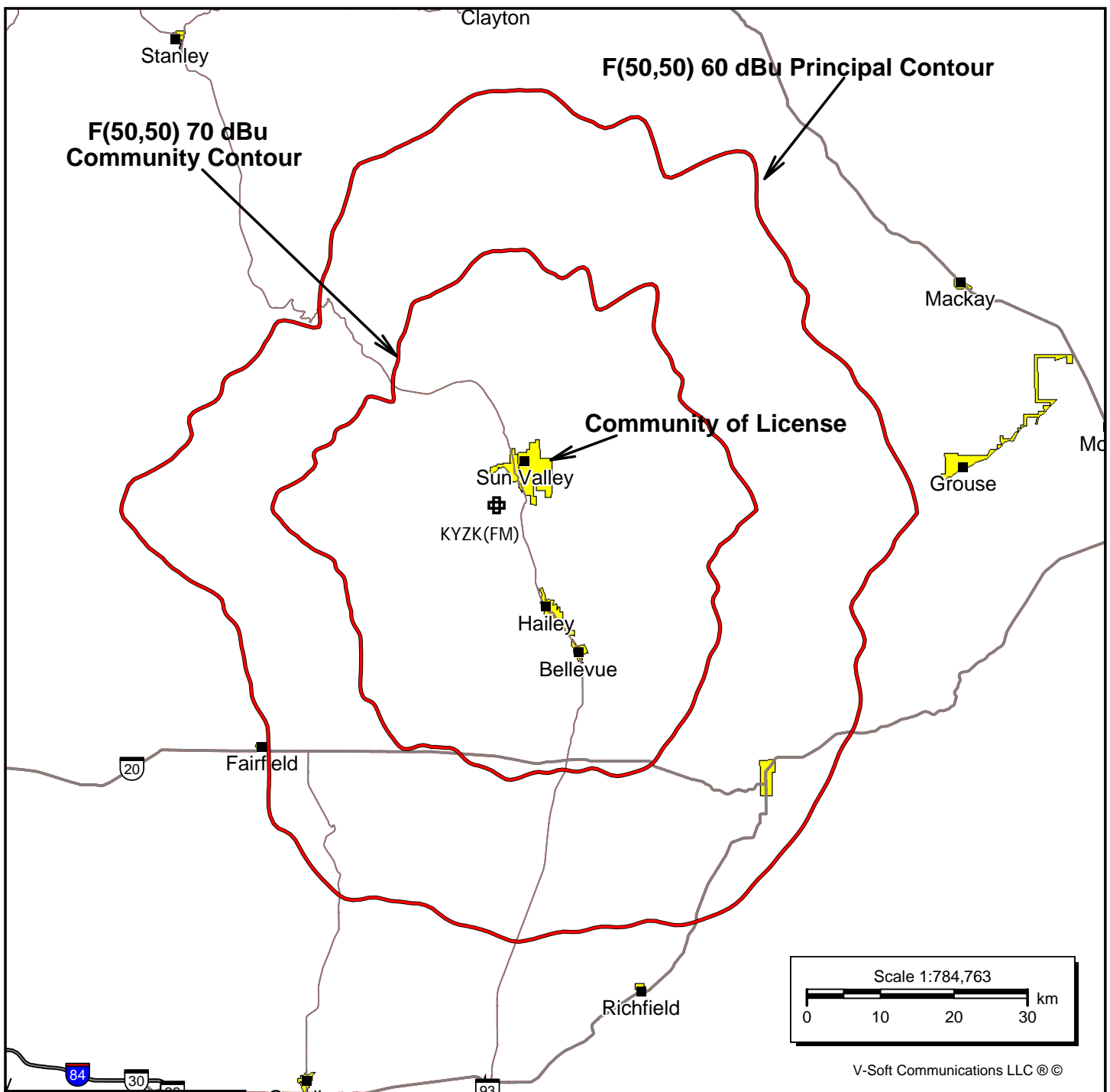
ADD 298C1 Sun Valley

Channel: 298C1
Frequency: 107.5 MHz
Latitude: 43-38-37 N
Longitude: 114-23-50 W
COR AGL Height: -260.09 m
COR AMSL Height: 2373.91 m
Base Elevation: 2634.0 m
COR HAAT: 299.0 m
ERP: 100.00 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**



KYZK(FM)

Channel: 298C1
Frequency: 107.5 MHz
Latitude: 43-38-37 N
Longitude: 114-23-50 W
COR AGL Height: 24.0 m
COR AMSL Height: 2658.0 m
Base Elevation: 2634.0 m
COR HAAT: 583.09 m
ERP: 2.50 kW
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

Exhibit 5

Proposed Antenna Site Channel Spacings Study

KYZK(FM) 298C1 Sun Valley, ID
Section 73.207 Antenna Site Channel Study

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