

# Request Minor Modification of LPFM CP

KCCQ-LP  
Crescent City, CA

CH 290 LP  
105.9 FM

Facility ID 196068  
BNPL-20131112BEQ

The purpose of this application is to propose new coordinates and to modify antenna height.

After city zoning prohibited use of the site originally authorized by the FCC, a lengthy search and several false starts have finally led to success, an existing 70 foot wooden pole adjacent to a commercial building near the city center. The new antenna site is situated 2.1 km from the original site.

According to V-Soft, there are no prohibited spacing conflicts at the proposed site.



The screenshot shows the FMCommander software interface. The main window displays a table of radio stations with the following columns: Call, Type, Ch, Location, Azi, Dist, FCC, and Margin. The data is as follows:

Call	Type	Ch	Location	Azi	Dist	FCC	Margin
KCCQ-LP	CP	290L1	Crescent City	CA 349.3	2.10	23.5	-21.4
KKHB	LIC	288C1	Eureka	CA 169.6	115.50	72.5	43.0
KXCJ-LP	LIC	289L1	Cave Junction	OR 44.6	65.26	13.5	51.8
KINS-FM	LIC-Z	292C2	Blue Lake	CA 170.4	115.55	52.5	63.1
K290AF	LIC-D	290D	Rogue River	OR 46.2	111.96	38.5	73.5
K290BZ	LIC	290D	Kneeland	CA 179.2	106.90	25.5	81.4
KYVL	LIC	292C3	Eagle Point	OR 59.8	134.69	39.5	95.2
KYSJ	LIC	290C2	Coos Bay	OR 2.5	190.14	90.5	99.6

Below the table, it says "End of Screen List, Cardinal Radials = 36". The software interface also shows various status bars and a menu bar at the top.

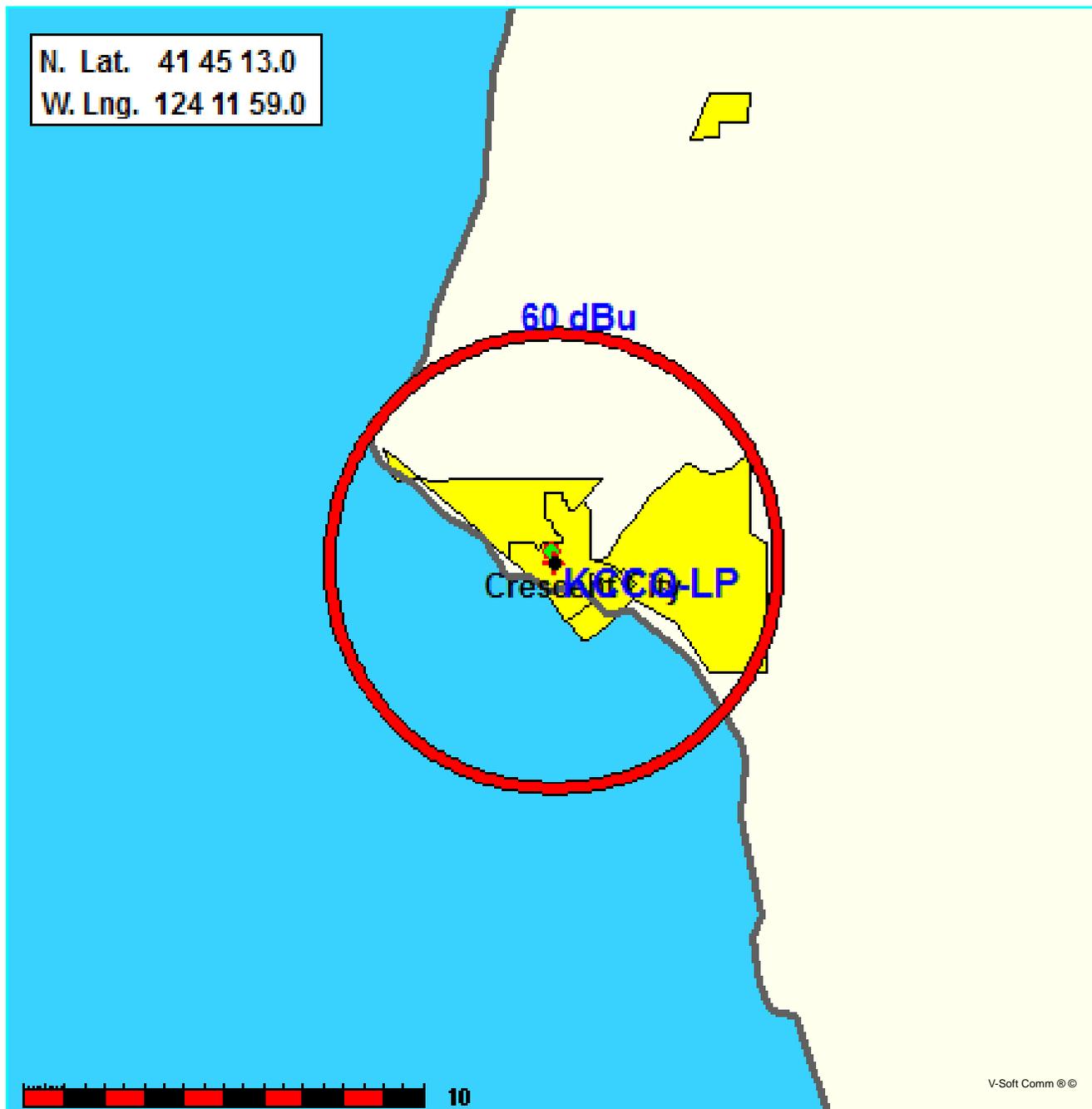
The input channel of nearby FM translator K216FE is CH206, and will not be affected by our proposed station operating on CH290.

Non-directional AM station KPOD, 1240 kHz, is located 1 km from the proposed site, with coordinates of 41 45 35.0 N, 124 11 28.0 W. Permittee will contact and make every attempt to coordinate with this AM station, requesting that they provide documentation showing that this small LPFM installation in no way distorts the radiation pattern of KPOD. This will certainly be the most formidable challenge of this site change since the FCC does not require AM stations to take any such action. We are at their mercy.

CA - Crescent City - LPFM  
H Street

Coverage Study - NGDC 30 SEC  
01-11-2017

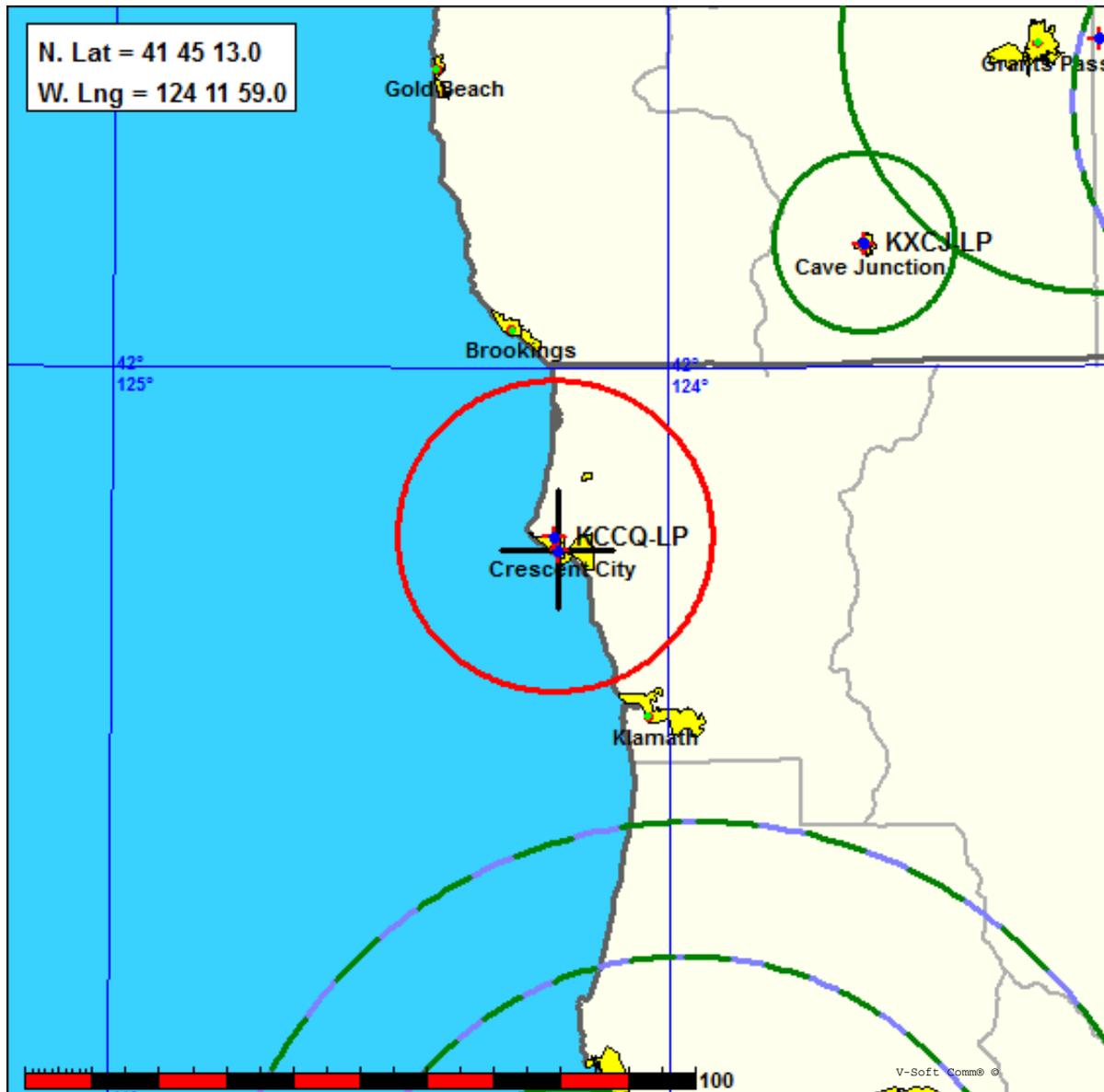
KCCQ-LP CH290 L1, 0.1 kW, 0.0m HAAT, 30.0m COR AMSL  
Service Contour = 60 dBu. Population = 15,308



CH 290 L1 105.9 MHz

Current Spacings to 2nd Adj.

CA - Crescent City - LPFM  
H Street



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All separation margins include rounding  
(Reference station has protected zone issue): AM tower