

**October 2014  
FM Translator K257CN  
Juneau, Alaska Channel 257D  
Allocation Study**

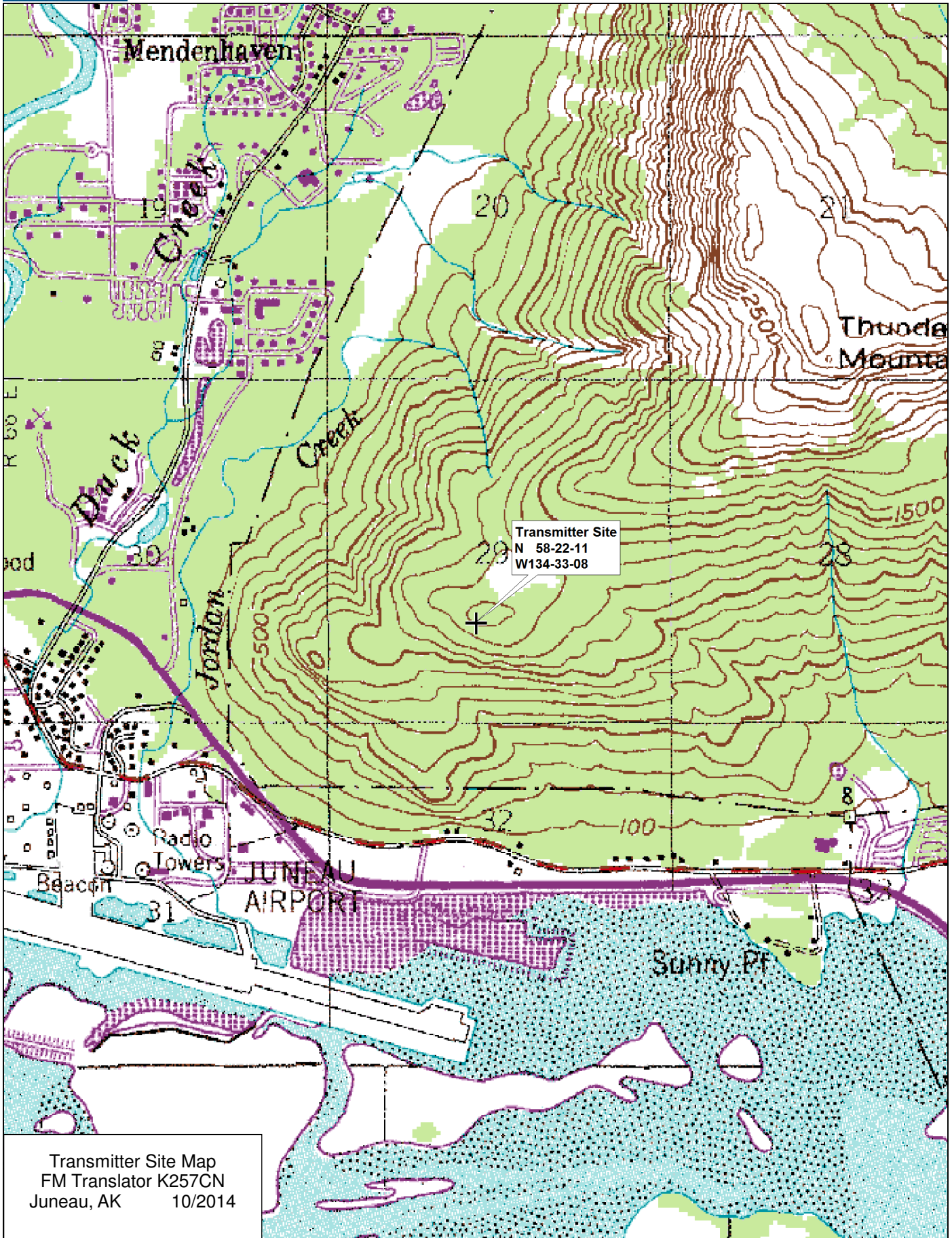
The attached spacing study shows the spacing between the proposed translator site and the location of cochannel and adjacent channel stations and proposals. This study was made with the Commission's Class A spacing requirements, and individual situations were examined to determine the lack of prohibited contour overlap per the requirements of §74.1204 of the Rules. There are no cochannel or adjacent channel stations close enough to require the preparation of detailed allocation study maps.

The attached spacing study demonstrates compliance with §73.207 of the Commission's Rules regarding spacing restrictions to stations which are 53 or 54 channels removed from the proposed operation.

```
=====
SEARCH PARAMETERS                               FM Database Date: 141020
Channel: 257A      99.3 MHz                      Page 1
Latitude: 58 22 11
Longitude: 134 33 8
Safety Zone: 50 km
Job Title: K257CN JUNEAU
```

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K203CH	JUNEAU		203D	0.050	58-18-05	139.3	10.04	0
LIC	AK	BLFT-980416TA	88.5	0.0	134-26-26		0.00	TRANS
K203CH	JUNEAU		203D	0.050	58-18-05	139.3	10.04	0
CP	AK	BPFT-21227ABL	88.5	0.0	134-26-26		0.00	TRANS
K257CN	MENDENHALL VALLEY		257D	0.050	58-21-57	264.8	4.75	0
LIC	AK	BLFT-850806TC	99.3	0.0	134-37-59		0.00	TRANS

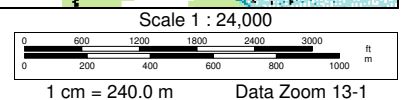
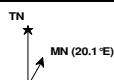
===== END OF FM SPACING STUDY FOR CHANNEL 257 =====



Data use subject to license.

© DeLorme. XMap® 7.

www.delorme.com



**October 2014  
FM Translator K257CN  
Juneau, Alaska Channel 257D  
RF Exposure Study**

**Facilities Proposed**

The proposed operation will be on Channel 257D (99.3 MHz) with an effective radiated power of 10 watts. Operation is proposed with an antenna to be mounted on an existing tower on Heintzelman Ridge, with FCC Antenna Structure Registration Number 1220012.

**RF Exposure Calculations**

Section 1.1307(b)(1) of the Commission's Rules exempts FM translators and boosters operating with an effective radiated power of 100 watts or less from the requirement to submit an Environmental Assessment to determine compliance with FCC specified guidelines for human exposure to radiofrequency electromagnetic fields. The applicant proposes operation with a maximum lobe effective radiated power of 20 watts (10 watts H + 10 watts V) and therefore no calculations have been submitted. Nonetheless, public access to the site is restricted and all station personnel and contractors are required to follow appropriate safety procedures, including turning off the transmitter if necessary, prior to commencing work on the antenna tower.