Allocation Study

1. Compliance with 47 C.F.R. 73.207

The proposed facility meets all minimum distance separation requirements with regard to co-channel, first, second, or third adjacent channel stations, and those separated by 53/54 channels, except the license of KKNU Channel 226C, Springfield-Eugene, Oregon (FIN 40887). The proposed facility is 10.11 kilometers short-spaced to KKNU.

This application proposes contour protection for KKNU according to the guidelines of 47 C.F.R. 73.215. Section 73.215(e) states that the minimum separation requirement between a class C3 and a class C facility, which are separated by 200 kHz, is 165 km. Exhibit 14-B shows that KKNU is separated from the proposed facility by 165.89 km.

Therefore, the proposed facility is permitted to use contour protection toward the short-spaced facility (See Exhibit 29 for compliance with contour protection requirements).

2. Fully Spaced Theoretical Site

A theoretical allotment site has been identified. It is located at 42° 25' 19" N by 122° 44' 24"W and is, in fact, fully spaced. If necessary, the applicant could construct a tower at that location.

Exhibit Index:

- Exhibit 25-B shows the spacing at the site proposed in this application.
- Exhibit 25-C demonstrates that the theoretical allotment site meets the minimum distance separation requirements of 47 C.F.R. 73.207.
- Exhibit 25-D is a topographical map that shows the location of the theoretical allotment site.
- Exhibit 25-E shows the city of license coverage map for the allotment site.
- Exhibit 29 shows the protected and interfering contours, in all directions, for the proposed operation.
- Exhibit 29-A and 29-A1 shows the protected and interfering contours, over pertinent arcs, of the proposed operation and KKNU Channel 226C, Springfield-Eugene, Oregon (FIN 40887).
  Note that KKNU contours are calculated using 100 kw and 600m HAAT.

Proposed Site Spacing

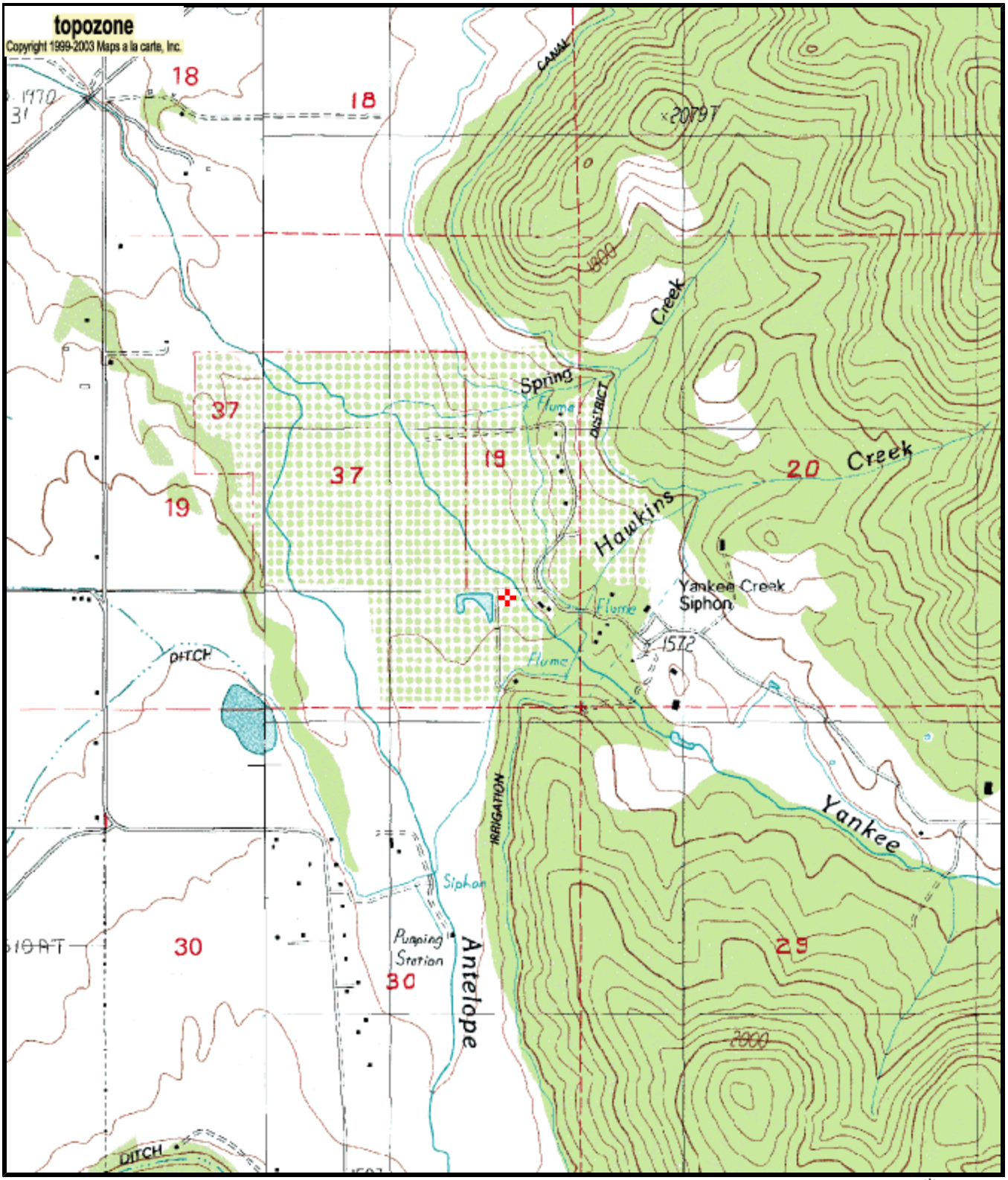
REFERENCE DISPLAY DATES
42 32 28 N. CLASS = C3 DATA 03-04-06
122 41 01 W. Current Spacings SEARCH 03-07-06
Channel 225 - 92.9 MHz

Call	Channel	Location		Azi	Dist	FCC	Margin
AU062	VAC 225A	Butte Falls	OR	72.9	6.86	142.0	-135.14
RDEL	DEL 226C	Springfield-eugene	OR	348.1	165.89	176.0	-10.11
KKNU	LIC 226C	Springfield-eugene	OR	348.1	165.89	176.0	-10.11
KDCQ.C	CP 225C3	Coos Bay	OR	306.0	156.04	153.0	3.04
KDCQ	RSV 225C3	Coos Bay	OR	306.0	156.04	153.0	3.04
KLADFM	LIC 223C	Klamath Falls	OR	119.4	99.65	96.0	3.65
RADD	ADD 225A	Coos Bay	OR	306.0	156.04	142.0	14.04
KLDZ	LIC 278C1	Medford	OR	223.1	38.64	24.0	14.64
KGBR	LIC 224A	Gold Beach	OR	263.9	139.11	89.0	50.11
KXGO	LIC 226C	Arcata	CA	208.4	228.30	176.0	52.30
AP224	APP 224C2	Sunriver	OR	32.7	175.89	117.0	58.89
AU062	VAC 224C2	Sunriver	OR	32.7	175.89	117.0	58.89
AL225	VAC 225A	Burney	CA	154.9	203.00	142.0	61.00

Allotment Site

REFERENCE DISPLAY DATES
42 25 19 N. CLASS = C3 DATA 03-04-06
122 44 24 W. Current Spacings SEARCH 03-07-06
---------- Channel 225 - 92.9 MHz ----------

Call		Channel	Location		Azi	Dist	FCC	Margin
AU062	VAC	225A	Butte Falls	OR	36.2	18.92	142.0	-123.08
RDEL	DEL	226C	Springfield-eugene	OR	350.4	178.03	176.0	2.03
KKNU	LIC	226C	Springfield-eugene	OR	350.4	178.03	176.0	2.03
KLADFM	LIC	223C	Klamath Falls	OR	111.2	98.20	96.0	2.20
KLDZ	LIC	278C1	Medford	OR	235.4	26.43	24.0	2.43
KDCQ.C	CP	225C3	Coos Bay	OR	310.8	160.61	153.0	7.61
KDCQ	RSV	225C3	Coos Bay	OR	310.8	160.61	153.0	7.61
RADD	ADD	225A	Coos Bay	OR	310.8	160.61	142.0	18.61
KXGO	LIC	226C	Arcata	CA	209.0	214.47	176.0	38.47
KGBR	LIC	224A	Gold Beach	OR	269.4	133.70	89.0	44.70
AL225	VAC	225A	Burney	CA	152.0	193.25	142.0	51.25
AP224	APP	224C2	Sunriver	OR	31.6	189.56	117.0	72.56
AU062	VAC	224C2	Sunriver	OR	31.6	189.56	117.0	72.56



Map center is 42° 25' 19"N, 122° 44' 24"W (NAD27)
Brownsboro quadrangle - Elevation 1,494.8 ft / 455.6 m (USGS NED)
Projection is UTM Zone 10 NAD83 Datum

Exhibit 25-E

Theoretical site

Latitude: 42-25-19 N
Longitude: 122-44-24 W
ERP: 25.00 kW
Channel: 225
Frequency: 92.9 MHz
AMSL Height: 711.24 m
Elevation: 484.96 m
Horiz. Pattern: Directional