

Non-Interference Compliance

Regarding Facility id 156889

Channel 292

Description of Exhibit 13 Contents

This exhibit demonstrates that the proposed facility complies with contour overlap and interference protection provisions in all of the applicable rule sections and that this application for a construction permit is in full compliance with 47 C.F.R. § 74.1204.

Let it be noted that should any actual real world interference occur, the applicant acknowledges that it will promptly suspend operation of this translator in accordance with 47 C.F.R. § 74.1203.

Page 2 of this exhibit is an explanation of the method used to demonstrate compliance with contour overlap and interference provisions based on 47 C.F.R. § 74.1204(d), which states:

[A]n application otherwise precluded by this section will be accepted if it can be demonstrated that no actual interference will occur due to intervening terrain, lack of population or such other factors as may be applicable.

Page 3 of this exhibit contains the tabulated data from the interference analysis, which shows all stations whose protected contours come within 50 km of the 34 dBμ F(50,10) contour of the proposed translator. These tabulated values were calculated using data from the FCC's CDBS files and 30 arc second terrain data. The column labeled "Adj" shows the number of channels difference between the entry and the proposed translator. The column labeled "Dist" shows the distance in km. The column labeled "Overlap" shows the area of contour overlap in square kilometers.

Page 4 of this exhibit is a portion of a USGS 1:24,000 scale 7.5 minute quadrangle at full scale with the calculated area of interference overlaid. The sheet includes the quadrangle name and measurement scale at the bottom-left corner (note: "Mt" refers to meters). The area of interference was calculated using the free space equation and 120 radials.

Page 5 of this exhibit is an aerial photo of the vicinity surrounding the proposed translator's tower site.

Page 6 of this exhibit is a contour map showing the 60 dBμ F(50,50) and 100dBμ F(50,50) contours of the Proposed NEW, Lake Havasu City, AZ FAC# 156889, BNPFT-20030317IUK and Amended NEW, Lake Havasu City, AZ FAC# 156808, BNPFT-20030317JOR . Both application are filed concurrently.

Note: As demonstrated on the map on page 6 there is no overlap of the 60dBμ and 100 dBμ contours for either facility so both applications can be processed as expected singletons.

Note: The adjacent channel study indicates prohibitive co-channel overlap between the proposed and K294BV, Lake Havasu City, AZ FAC# 38312, BPFT-20101112ADJ. K294BV has been licensed on channel 294 and is now 2nd adjacent to the proposed short form amendment. There are no occupied buildings or major roads within the zone of predicted interference so a lack of population has been demonstrated within the area of interference and this application is therefore in full compliance with 47 C.F.R. § 74.1204.

Compliance with 47 C.F.R. § 74.1204(d)

All authorized second and third adjacent stations with which the proposed translator has contour overlap are tabulated below. Column four show the station's signal level at the proposed translator's tower site, and column five gives the minimum value within the entire standard interfering contour of the proposed translator (100 dBμ for most classes, 94 for class B, 97 for class B1). The minimum second or third adjacent F(50,50) contour within the proposed translator's standard interfering contour was used to calculate the proposed translator's actual "worst-case" interfering contour.

Application_id	File Number	Callsign	Contour at Tower	Min. Contour
1404284	BLFT20101025AAD	K294BV	100	100
Minimum F(50,50) Contour of Adjacent Station within Proposed Translator's Standard Interfering Contour				100

FCC 02-244 at Section II.A.5 states that "when demonstrating that 'no actual interference will occur due to . . . other factors,' pursuant to Section 74.1204(d), an applicant may use the undesired-to-desired signal ratio method." The undesired-to-desired ratio for second and third adjacent stations required by § 74.1204(a) is 40 dB. Since the minimum protected contour strength within the proposed translator's standard interference contour is **100 dBμ**, this makes the proposed translator's worst-case interfering contour **140 dBμ**. By the free-space equation, this contour is calculated to extend a maximum of **5 m** from the transmit antenna.

The interfering contour of the proposed translator was calculated for 120 radials and plotted on the pertinent portion of a USGS quadrangle (page 4 of this exhibit). As demonstrated on the quadrangle, there are no populated structures or highways within the area of interference (Note: FCC 02-244 at Section II.A.6 states that USGS quadrangles "have been recognized as acceptable to demonstrate lack of population").

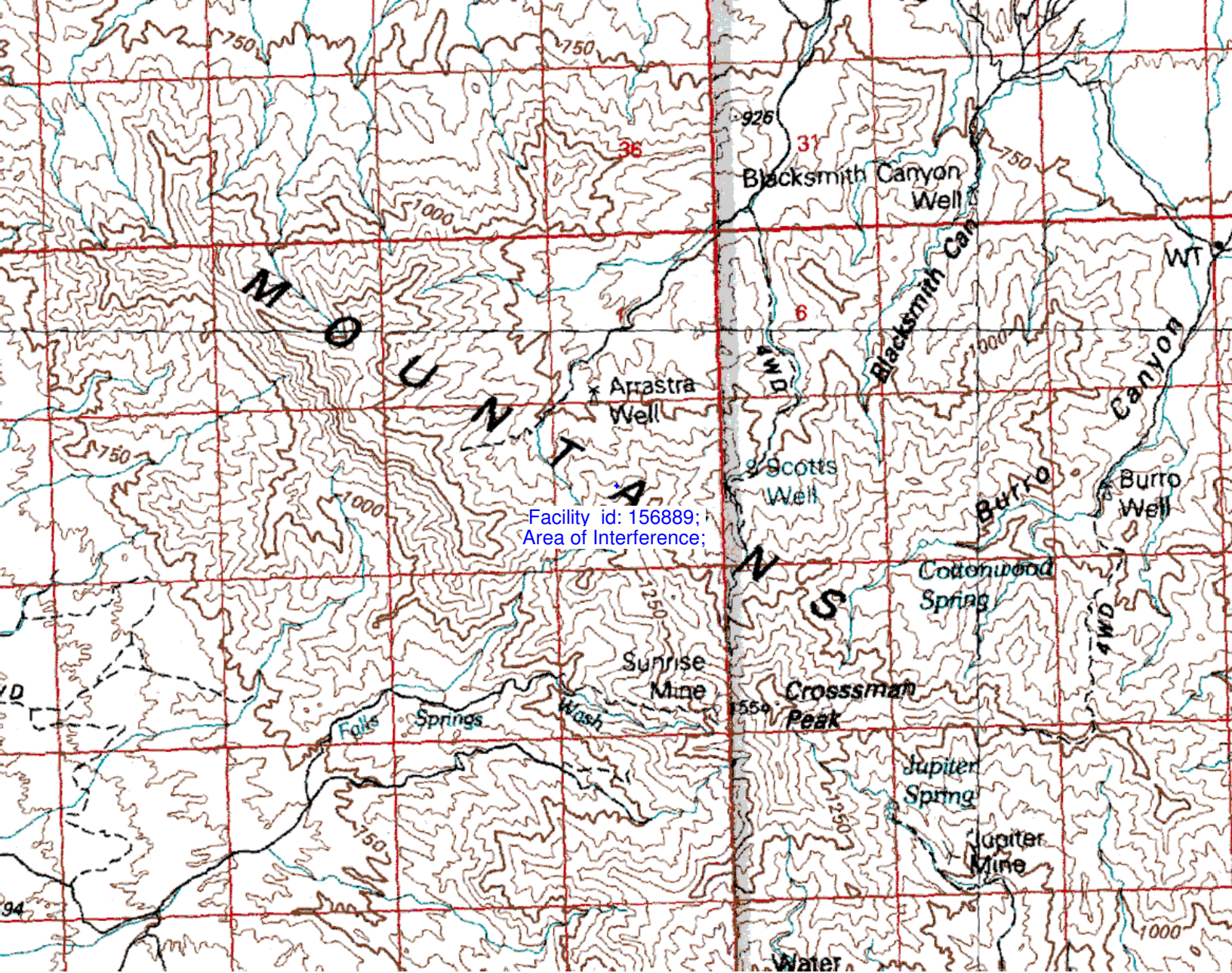
Note: There are no occupied buildings or major roads within the zone of predicted interference so a lack of population has been demonstrated within the area of interference and this application is therefore in full compliance with 47 C.F.R. § 74.1204.

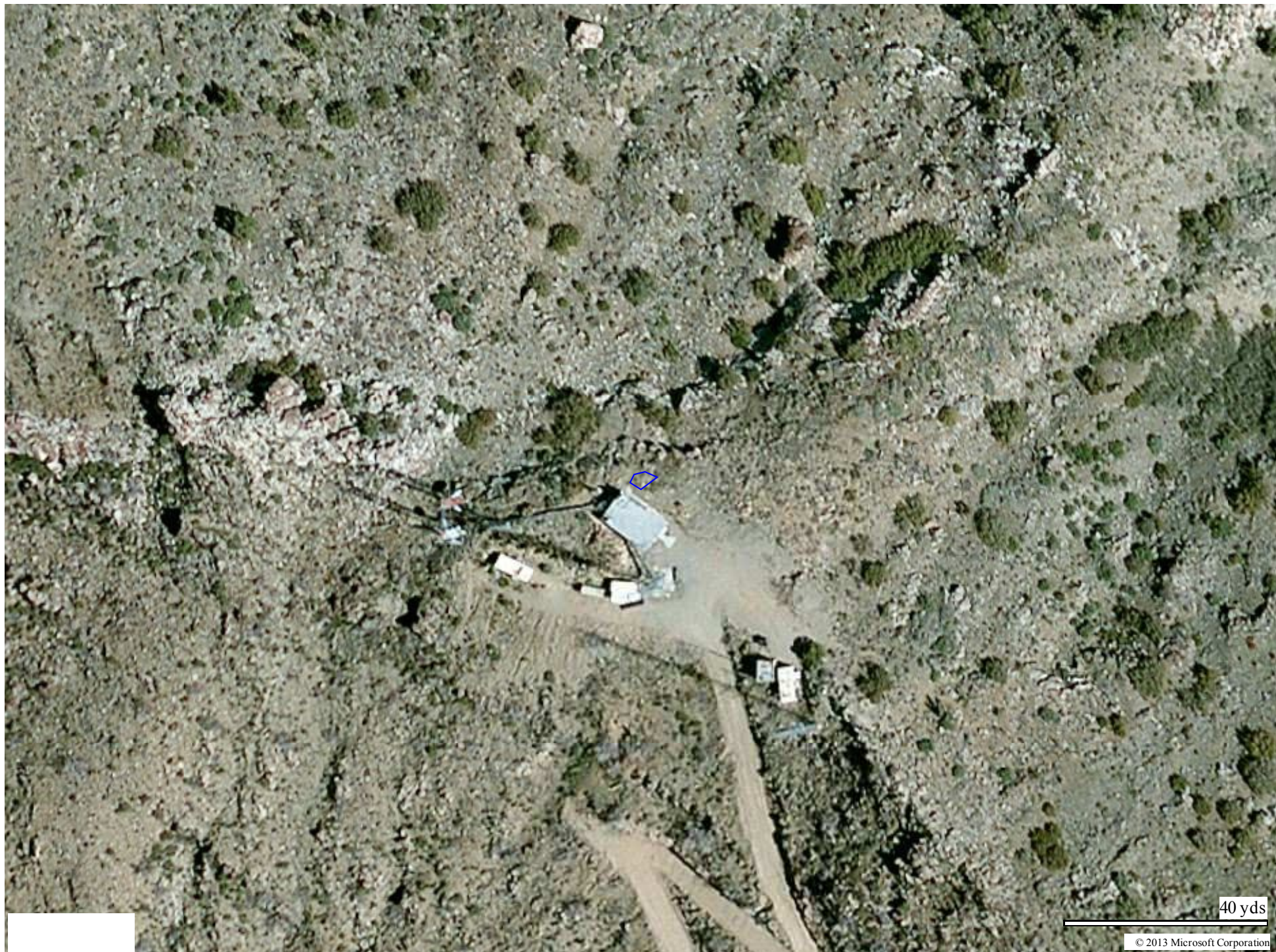
Antenna Manufacturer:	SCA
Antenna Model:	CL-FM
CORAGL:	8 m
Maximum ERP:	0.05 kW
Interfering Contour:	140 dBμ
Max Int. Contour Distance:	5 m

Adjacent Channel Study
For Station NEW, Facility_id: 156889

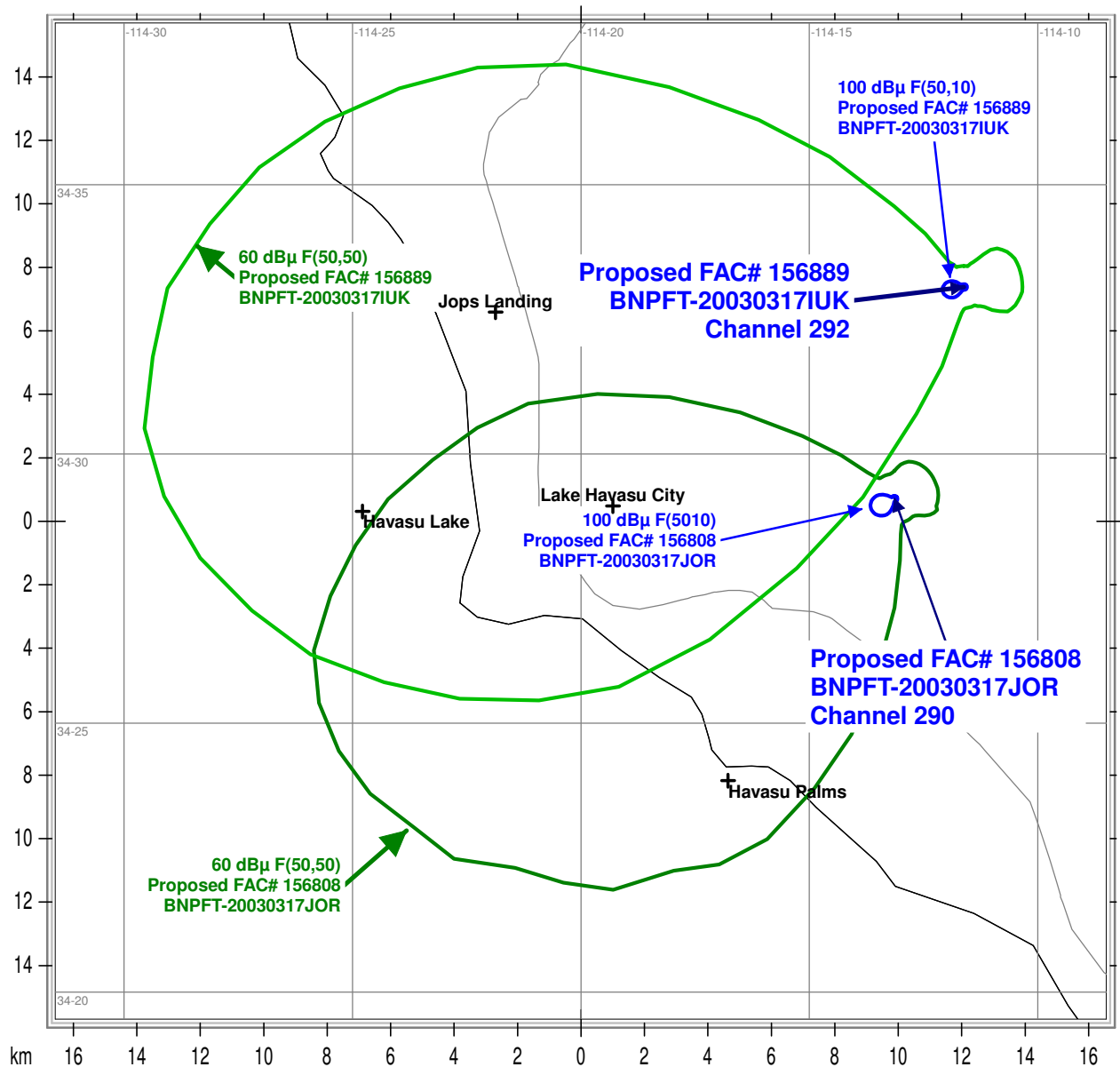
Co-channel through third adjacent:

App_id	Fac_id	File_Number	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Chan	Adj	Dist	Overlap
1407017	38312	BPFT-20101112ADJ	K294BV	ADVANCE MINISTRIES, INC. D/B/A/ NEW LIFE	D	LAKE HAVASU CIT	AZ	CP	0.16	1430	292	0	0	332.479
1404284	38312	BLFT-20101025AAD	K294BV	ADVANCE MINISTRIES, INC. D/B/A/ NEW LIFE	D	LAKE HAVASU CIT	AZ	LIC	0.01	1430	294	2	0	0.0453
650101	156808	BNPFT-20030317JOR	NEW	DONALD F. HENDREN	D	LAKE HAVASU CIT	AZ	APP	0.25	398	290	2	15	0
1546000	141878	BNPFT-20130325AAG	K291BU	HORIZON CHRISTIAN FELLOWSHIP	D	YUCCA	AZ	CP	0.05	630	291	1	34.4	0
650151	156857	BNPFT-20030317JPK	NEW	DONALD F. HENDREN	D	PARKER	AZ	APP	0.25	246	289	3	39.7	0
1547653	156833	BNPFT-20130326AFV	K293BR	DONALD F. HENDREN	D	PARKER	AZ	CP	0.25	138	293	1	40.8	0
1352107	54322	BLFT-20100104ABI	K294BU	CAMERON BROADCASTING, INC.	D	KINGMAN	AZ	LIC	0.09	2565	294	2	64.6	0
210613	27981	BLFT-19950621TC	K292ES	DONALD F. HENDREN	D	CANE SPRINGS	AZ	LIC	0.051	2356	292	0	68.6	0
1385974	27981	BPFT-20100715AAB	K292ES	DONALD F. HENDREN	D	CANE SPRINGS	AZ	CP	0.2	2356	292	0	68.6	0
1541801	27983	BLFT-20130215ABY	K292EU	DONALD F. HENDREN	D	LAUGHLIN	NV	LIC	0.185	1536	292	0	92.9	0
1560230	191555	BSFH-20130204ADJ	NEW	FMI MEDIA, INC.	C2	QUARTZSITE	AZ	APP	0	0	290	2	95	0
298941	51369	BLFT-81	K292AH	PALO VERDE VALLEY TV CLUB, INC.	D	BLYTHE	CA	LIC	0.009	922	292	0	110.1	0
1458182	25692	BLH-20111104AKT	KOAS	KJUL LICENSE, LLC	C	DOLAN SPRINGS	AZ	LIC	100	1536	289	3	143.3	0
616232	14058	BMLH-20021028AAA	KDGL	MCC RADIO, LLC	B	YUCCA VALLEY	CA	LIC	4	1554	295	3	204.1	0





Proposed BNPFT-20030317IUK and Amended BNPFT-20030317JOR



AZ023B, 8m, 50W, Channel 292, CL-FM @ 259 degrees, Fill-in KNLB(FM)

State Borders Highways Lat/Lon Grid

Map Scale: 1:211615 1 cm = 2.12 km V/H Size: 31.38 x 33.12 km

Gene Wisniewski