[Exhibit 13]

Non-Interference Compliance

Regarding Facility id 156346 Channel 274

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.

Note: There are no roads or buildings 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
1327092	BLH20090820ABV	KJJJ	115	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 **0.7 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 roads or buildings 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.

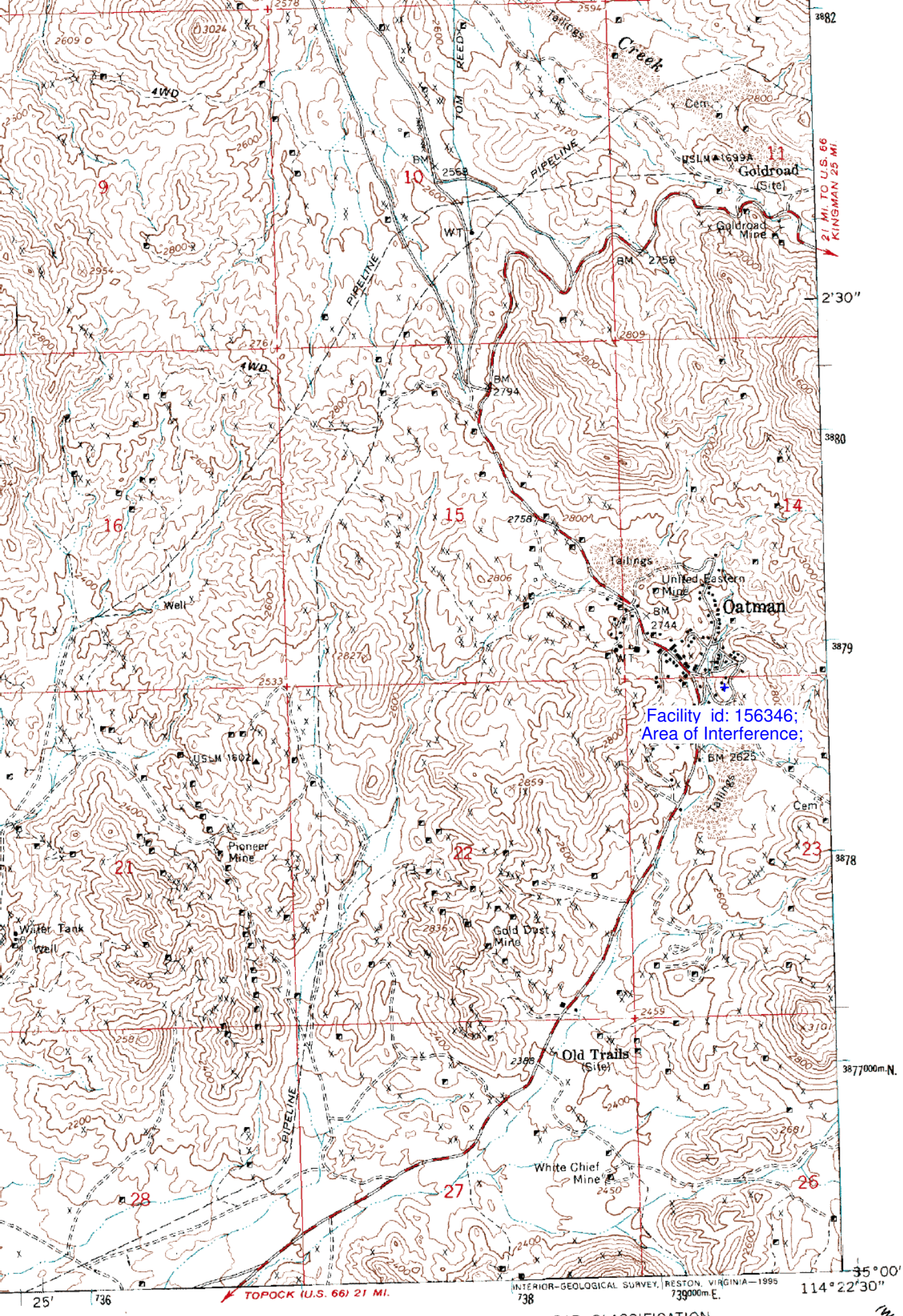
Antenna Manufacturer:	**SCA**
Antenna Model:	**FMV-1**
CORAGL:	**6 m**
Maximum ERP:	**0.001 kW**
Interfering Contour:	**140 dBµ**
Max Int. Contour Distance:	**0.7 m**

Adjacent Channel Study
For Station K274CO, Facility_id: 156346

Co-channel through third adjacent:

App_id	Fac_id	File_Number	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Char	Adj	Dist	Overlap
1327092	63410	BLH-20090820ABV	KJJJ	STEVEN M. GREELEY	C1	LAUGHLIN	NV	LIC	17	1367	272	2	1.6	6082.63
1352536	181248	BLFTB-20100108ABT	KJJJ-FM2	STEVEN M. GREELEY	D	KINGMAN	AZ	LIC	0.5	2352	272	2	46.3	927.82
86505	67805	BLFT-19860312TS	K276BM	FAITH COMMUNICATIONS CORP(	D	KINGMAN	AZ	LIC	0.082	2352	276	2	43.9	0
1705372	178460	BPFTB-20151123AEF	KJJJ-FM1	STEVEN M. GREELEY	D	LAKE HAVASU CI	AZ	CP	0.6	1437	272	2	55.3	0
1352532	178460	BLFTB-20100108ABL	KJJJ-FM1	STEVEN M. GREELEY	D	LAKE HAVASU CI	AZ	LIC	1	1442	272	2	55.3	0
1724981	198737	BPH-20160613ABP	KDMM	RIVER RAT RADIO, LLC	B1	PARKER STRIP	AZ	CP	1.6	537	276	2	81.7	0
1723943	198737	BLH-20160311ABF	KDMM	RIVER RAT RADIO, LLC	C2	PARKER STRIP	AZ	LIC	3	522	275	1	101.3	0
572807	57281	BLH-20010709ABU	KCYE	BEASLEY MEDIA GROUP, LLC	C	BOULDER CITY	NV	LIC	96	1390	274	0	118.7	0

Prepared by Gene Wisniewski
April 9, 2017



'Oatman; AZ'; Scale: 1" = 0.379Mi 610Mt 2,000Ft, 1 Mi = 2.640" , 1 cm = 240Mt


40 yds
© 2017 Microsoft Corporation
Image courtesy of the Nevada State Mapping Advisory Committee