

KMYO-FM

Proposed Minor Modification

Of Licensed Facility and Community of License Change

Contingently Proposed “Hybrid” Rule Making/Application

KMYO-FM, by this proposed “hybrid” rule making/application filing, proposes to modify its current licensed facilities and conduct a mutually exclusive community of license change and upgrade to delete Channel 244C3 from Morgan City, Louisiana and add mutually exclusive channel 244C2 at Gray, Louisiana.

In order for KMYO-FM to receive a construction permit for the facility described above, the following changes must take place (as shown in the channel study for the KMYO-FM modification): 1) Station KCIL, Channel 298C1, Houma, Louisiana, has already been issued a permit for Jean LaFitte, Louisiana, and the assignment for this Station has been changed in Construction Permit BPH20070119ABG. KCIL must relocate as referenced in that construction permit; and 2) as proposed in this “hybrid” application, a rule making petition is being filed to change the vacant allocation at Dulac, Louisiana on 242A to slightly different reference coordinates and its channel from 242A to 230A.

Allotment Modifications to Accommodate Community Change

Following is an allotment study for Chanel 244C2 as proposed for Gray, Louisiana:

ComStudy 2.2 search of channel 244 (96.7 MHz Class C2) at 29-30-25.0 N, 90-48-51.0 W.

Callsign	State	City	Freq	Channel	ERP_w	Class	Status	Distance_km	Sep	Clr	Note
	LA	DULAC	96.3	242	0	A	APP	17.91	55	-37.1	To 230A
KCIL	LA	HOUMA	107.5	298	69000	C1	LIC	9.62	27	-17.4	Relocate ¹
KFTE	LA	BREAUX BRIDGE	96.5	243	0	C2	USE	142.87	130	12.9	
KFTE	LA	BREAUX BRIDGE	96.5	243	42000	C2	LIC	131.59	130	1.6	
KMYO-FM	LA	MORGAN CITY	96.7	244	0	C3	USE	27.44	177	-149.6	DEL
KMYO-FM	LA	MORGAN CITY	96.7	244	12000	C3	LIC	27.44	177	-149.6	DEL
WEZB	LA	NEW ORLEANS	97.1	246	0	C0	USE	89.04	89	0	
WEZB	LA	NEW ORLEANS	97.1	246	62000	C0	LIC	89.04	89	0	
WEZB	LA	NEW ORLEANS	97.1	246	99000	C0	LIC	89.04	89	0	

¹ Permit issued to relocate to Jean LaFitte, LA.

Exhibit 1 is a map from the proposed Gray, Louisiana reference point indicating full community coverage of Gray, Louisiana.

Exhibit 2 is a map showing the Gray, Louisiana reference location on a topographic map

Dulac relocation from 242A to 230A

In order for the vacant 242A to relocate to 230A, the reference coordinates for this allocation must change by 1.1km Southeast of the current location to new coordinates of 29° 20' 37" N, 90° 45' 16".

Below is an allocation table for Dulac, LA. at 230A:

Comstudy 2.2 search of channel 230 (93.9 MHz Class A) at 29-20-37 N, 90-45-16 W

Callsign	State	City	Freq	Channel	ERP_w	Class	Status	Dist_km	Sep	Clr	Notes
880519OC	LA	NEW IBERIA	93.7	229	0	C1	USE	133.05	133	0	
KRDJ	LA	NEW IBERIA	93.7	229	95000	C1	LIC	132.97	133	0	
KRDJ	LA	NEW IBERIA	93.7	229	100000	C1	LIC	132.97	133	0	
WEMX	LA	KENTWOOD	94.1	231	0	C1	USE	167.75	133	34.8	
WEMX	LA	KENTWOOD	94.1	231	100000	C1	LIC	169.15	133	36.1	
WQUE-FM	LA	NEW ORLEANS	93.3	227	0	C	USE	94.56	95	-0.4	
WQUE-FM	LA	NEW ORLEANS	93.3	227	98800	C	LIC	95.25	95	0.2	
WTIX-FM	LA	GALLIANO	94.3	232	0	C1	USE	94.02	75	19	
WTIX-FM	LA	GALLIANO	94.3	232	21000	C1	LIC	92.96	75	18	
WTIX-FM	LA	GALLIANO	94.3	232	100000	C1	LIC	92.96	75	18	

Exhibit 3 is a map from the proposed allocation reference point indicating that Dulac will continue to receive full 70dBu coverage from this location.

Exhibit 4 is a topographic map indicating the relative locations of the current Dulac reference allocation and the proposed Dulac reference location.

.

Transmitter location for KMYO-FM at Gray, Louisiana

KMYO-FM desires to relocate to an existing tower, ASR 1062192, owned by American Tower. The licensee has obtained reasonable assurance of the availability of that tower. It is proposed to add 25m to the top of that existing tower. Appropriate FAA and FCC ASR filings to address the height modification are underway.

A six-bay standard antenna will be mounted to the top of the tower extension to create a Center of Radiation HAGL of 115m and a HAAT of 116m. KMYO is proposed to operate with 50kW from the proposed HAAT of 116m.

Following is a spacing study from the proposed site coordinates:

ComStudy 2.2 search of channel 244 (96.7 MHz Class C2) at 29-36-31.0 N, 90-53-45.0 W.

Callsign	State	City	Freq	Channel	ERP_w	Class	Status	Dist_km	Sep	Clr	Notes
	LA	DULAC	96.3	242	0.0	A	APP	31.30	55.00	-23.7	To 230A
KCIL	LA	HOUMA	107.5	298	69000.0	C1	LIC	23.29	27.00	-3.7	Move per CP
KFTE	LA	BREAUX BRIDGE	96.5	243	0.0	C2	USE	130.44	130.00	0.4	
KFTE	LA	BREAUX BRIDGE	96.5	243	42000.0	C2	LIC	119.20	130.00	-10.8	73.215 ¹
KZMZ	LA	ALEXANDRIA	96.9	245	0.0	C	USE	220.84	188.00	32.8	
WEZB	LA	NEW ORLEANS	97.1	246	0.0	C0	USE	91.03	89.00	2.0	
WEZB	LA	NEW ORLEANS	97.1	246	62000.0	C0	LIC	91.03	89.00	2.0	
WEZB	LA	NEW ORLEANS	97.1	246	99000.0	C0	LIC	91.03	89.00	2.0	
WHYR-LP	LA	BATON ROUGE	96.9	245	100.0	LP100	LIC	96.93	80.00	16.9	
WHYR-LP	LA	BATON ROUGE	96.9	245	100.0	LP100	APP	96.93	80.00	16.9	
WHYR-LP	LA	BATON ROUGE	96.9	245	100.0	LP100	APP	96.93	80.00	16.9	
WHYR-LP	LA	BATON ROUGE	96.9	245	100.0	LP100	APP	96.93	80.00	16.9	
WTGG	LA	AMITE	96.5	243	0.0	A	USE	130.04	106.00	24.0	
WTGG	LA	AMITE	96.5	243	6000.0	A	LIC	122.01	106.00	16.0	
WUJM	MS	GULFPORT	96.7	244	0.0	A	USE	205.56	166.00	39.6	
WUJM	MS	GULFPORT	96.7	244	4300.0	A	LIC	198.93	166.00	32.9	

¹From the proposed tower location, KMYO will continue to be short spaced to KFTE (FM), 243C2 in Breaux Bridge, LA. KMYO will operate pursuant to 73.215 with respect to this station.

Exhibit 5 is a contour protection exhibit under 73.215 indicating contour protection to KFTE which has previously elected Sec. 73.215 protection.

Exhibit 6 indicates community of license coverage from the proposed transmitter site utilizing the above referenced parameters.

Environmental Exhibit

The proposed KMYO-FM facility is being proposed from an existing transmitter facility and tower at ASR 1062192, therefore no additional environmental processing will be necessary from a NEPA or SHPO standpoint.

The program "FM MODEL" was utilized to determine the radiation characteristics of a 6 bay ERI "Rototiller" type antenna for compliance with FCC and OSHA policies regarding RF radiation at 2 meters above ground. The output of that program is shown as Exhibit 7. The program determined that the radiation from the proposed KMYO-FM antenna will be 17.8 $\mu\text{W}/\text{cm}^2$ maximum. Since there are no other FM or TV antennas on the tower, it has been determined that KMYO-FM will be emitting approximately 8.9% of the maximum allowed public exposure limit and is thus fully compliant with all rules pertaining to environmental exposure.

EXHIBIT 1 KMYO-FM 244C2 ALLOC
Community Coverage, Gray, Louisiana

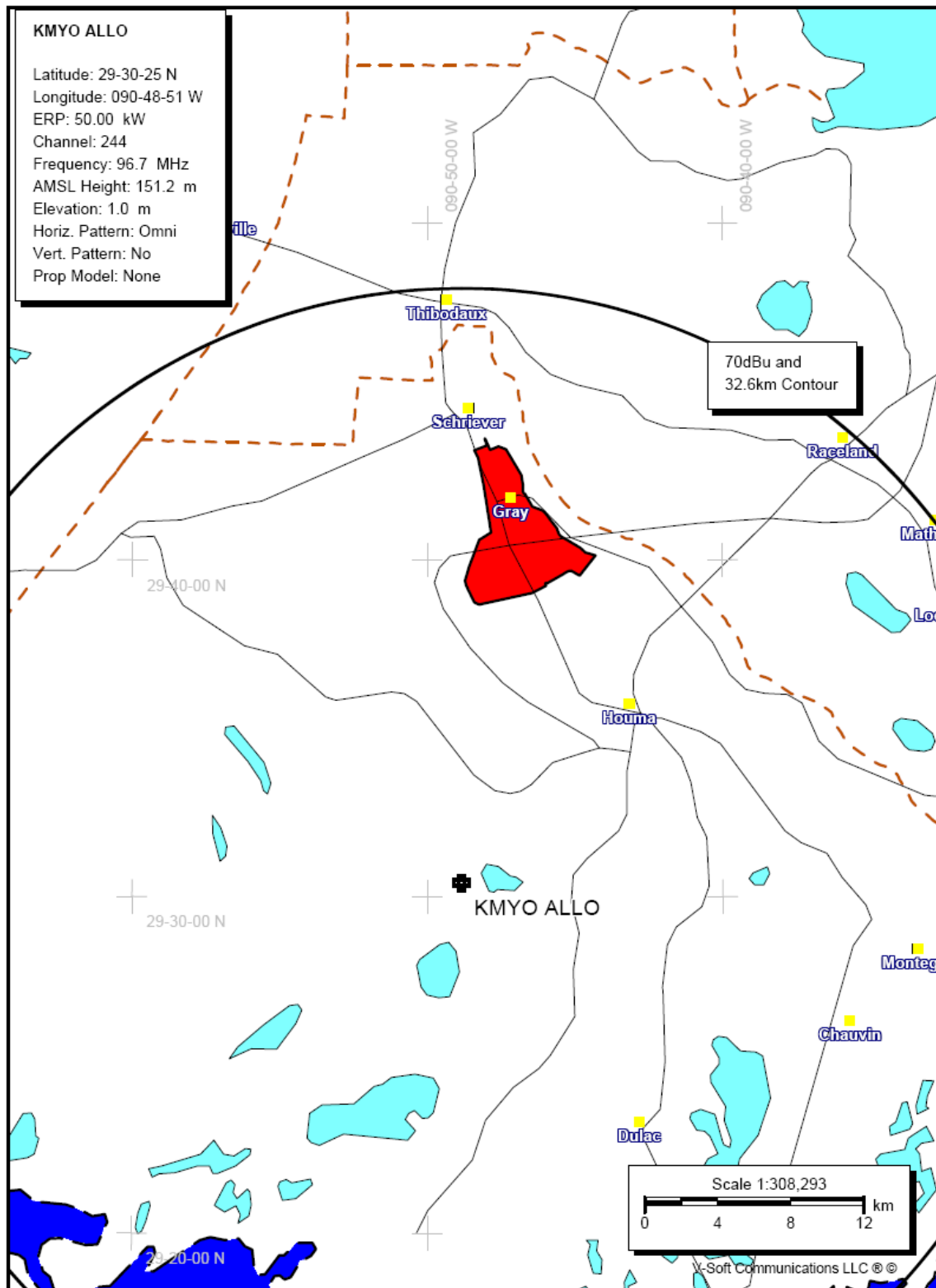


EXHIBIT 2, 244C2, Grey, LA. Reference coordinates

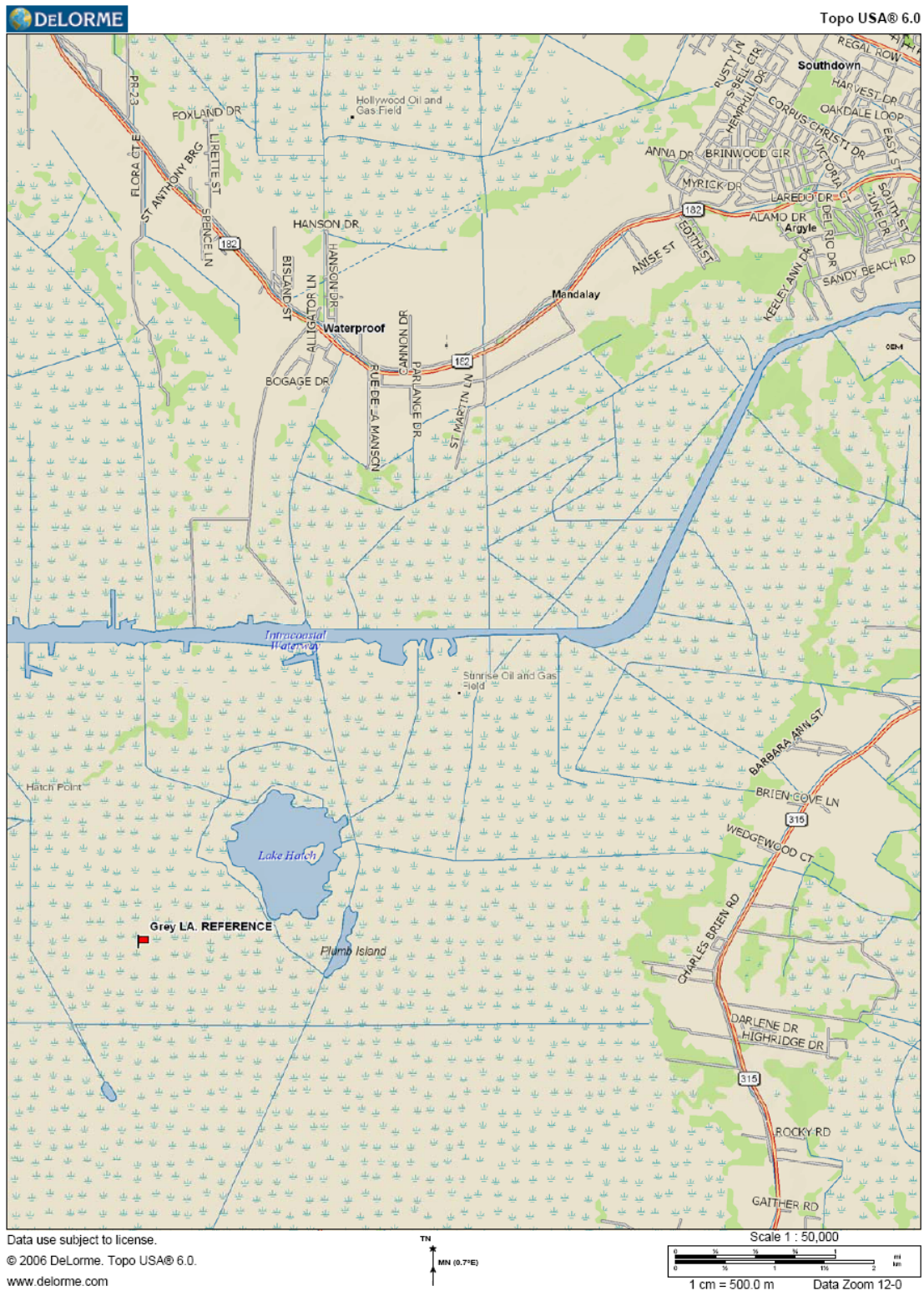


EXHIBIT 3 DULAC COMMUNITY COVERAGE

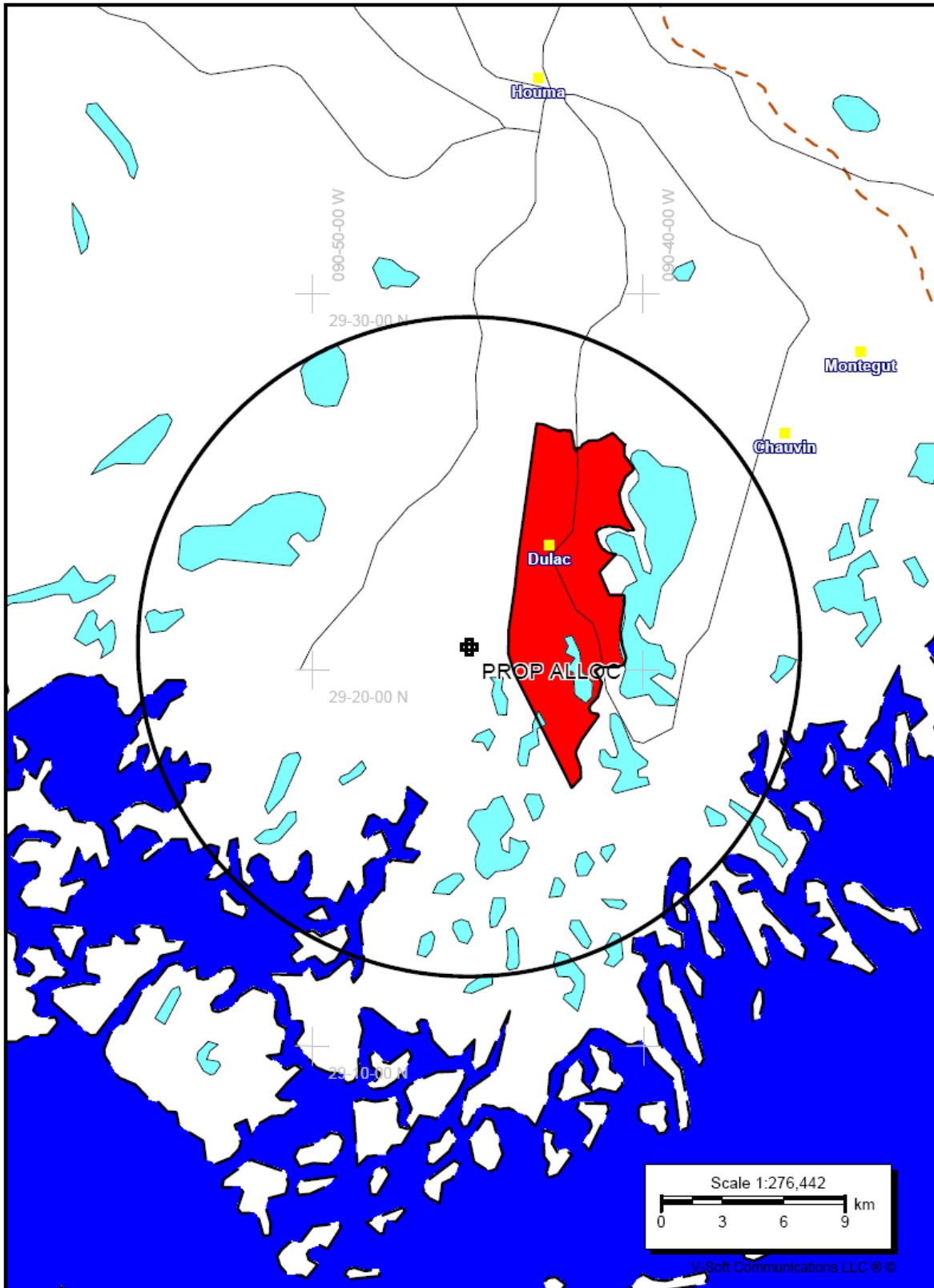


EXHIBIT 4 Dulac Reference Topo Map

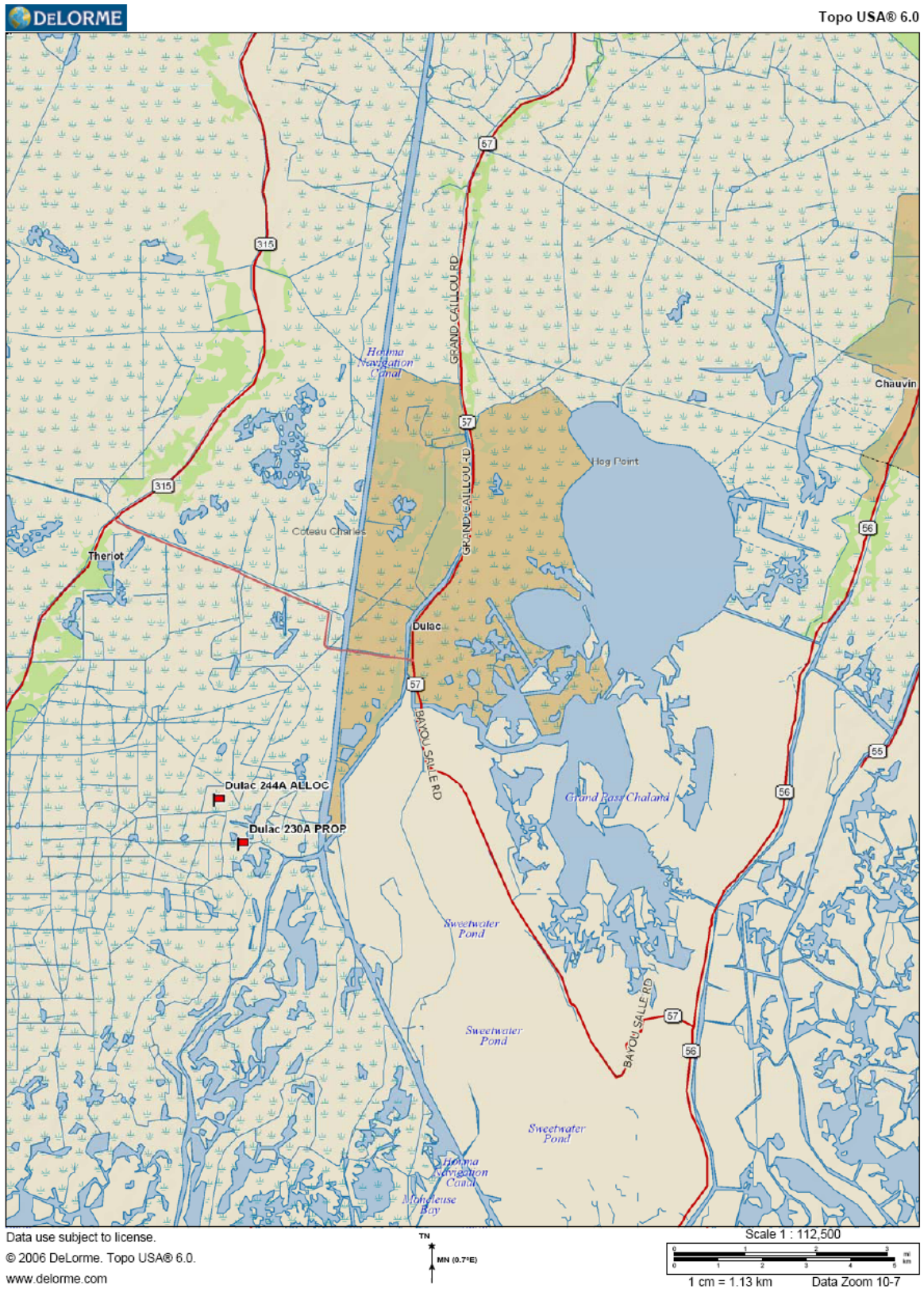


EXHIBIT 5, Contour Study, KMYO-FM 244C2

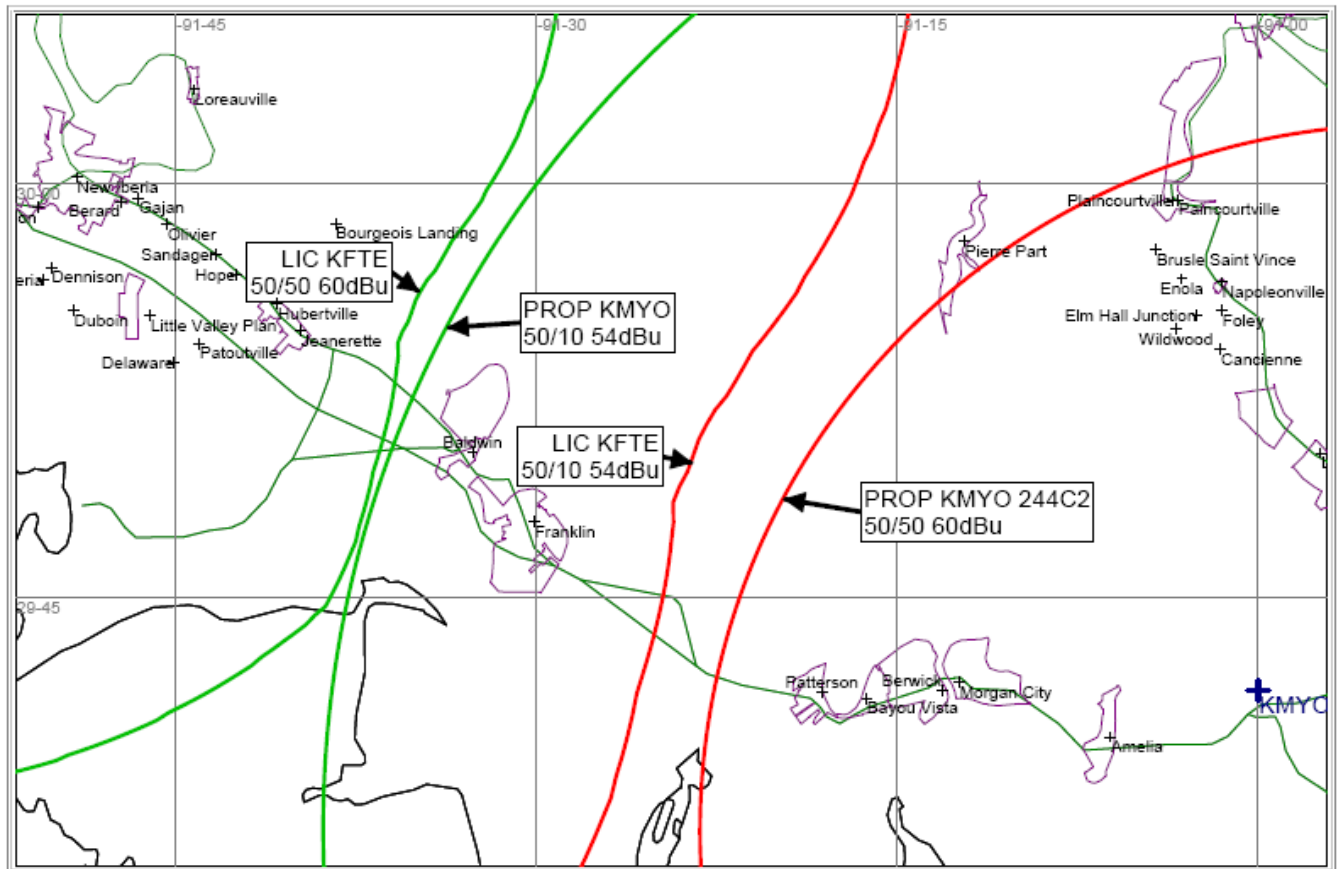


EXHIBIT 6 Community of License Coverage for KMYO 244C2

From Proposed Tower Site

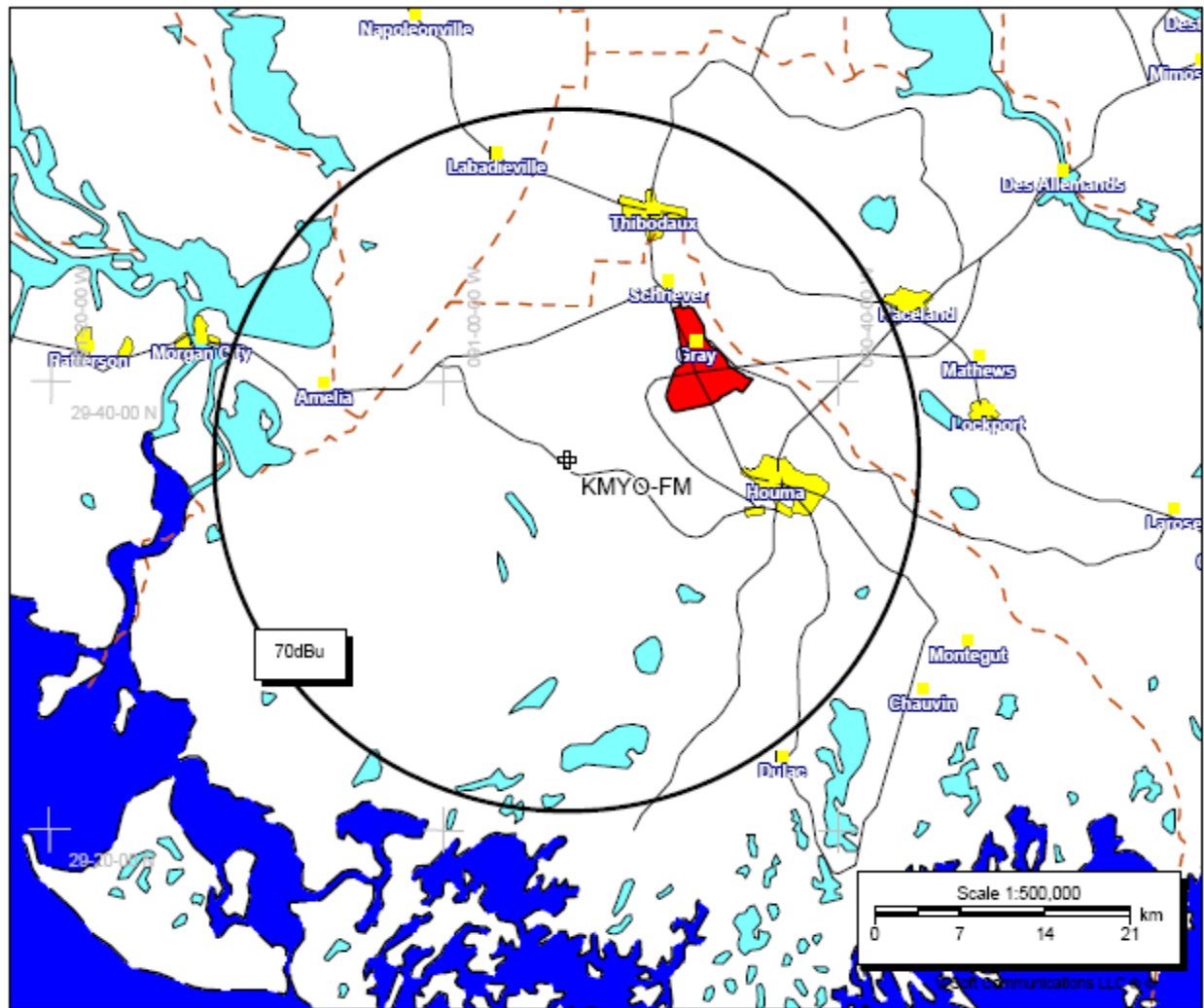
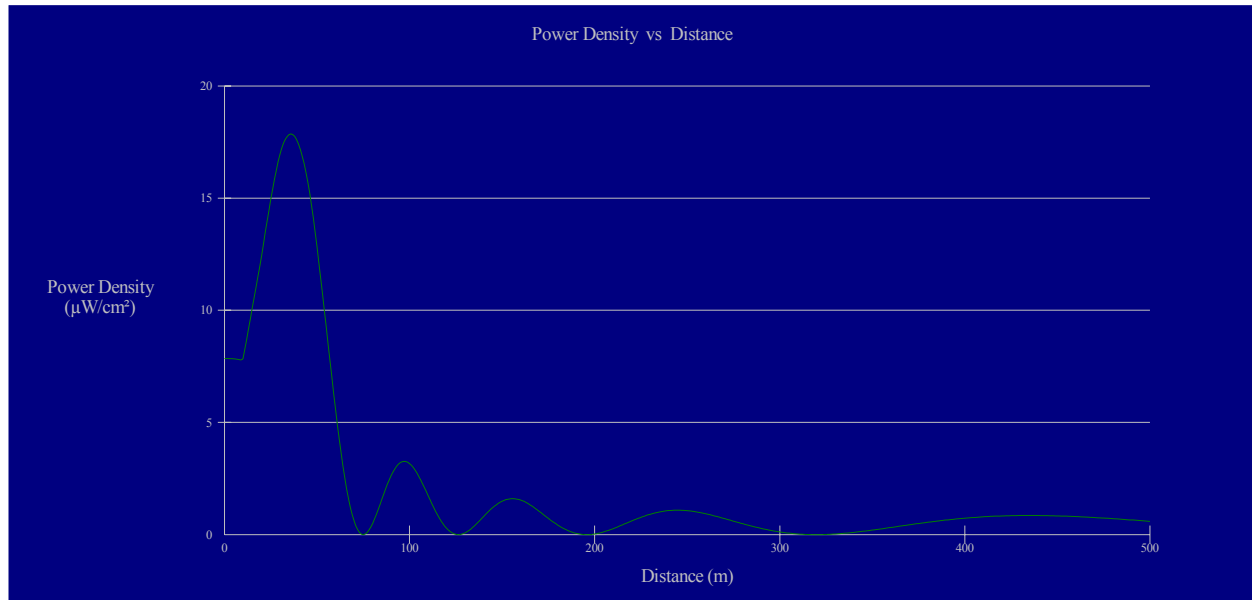


EXHIBIT 7, Proposed KMYO RFR Analysis



Distance 500m Antenna Type ERI or Jampro "Rototiller"

50,000 W H, 50,000 W V- 5 elements, spacing =1

Maximum Power density at 2m AGL= $17.8\mu\text{W}/\text{cm}^2$