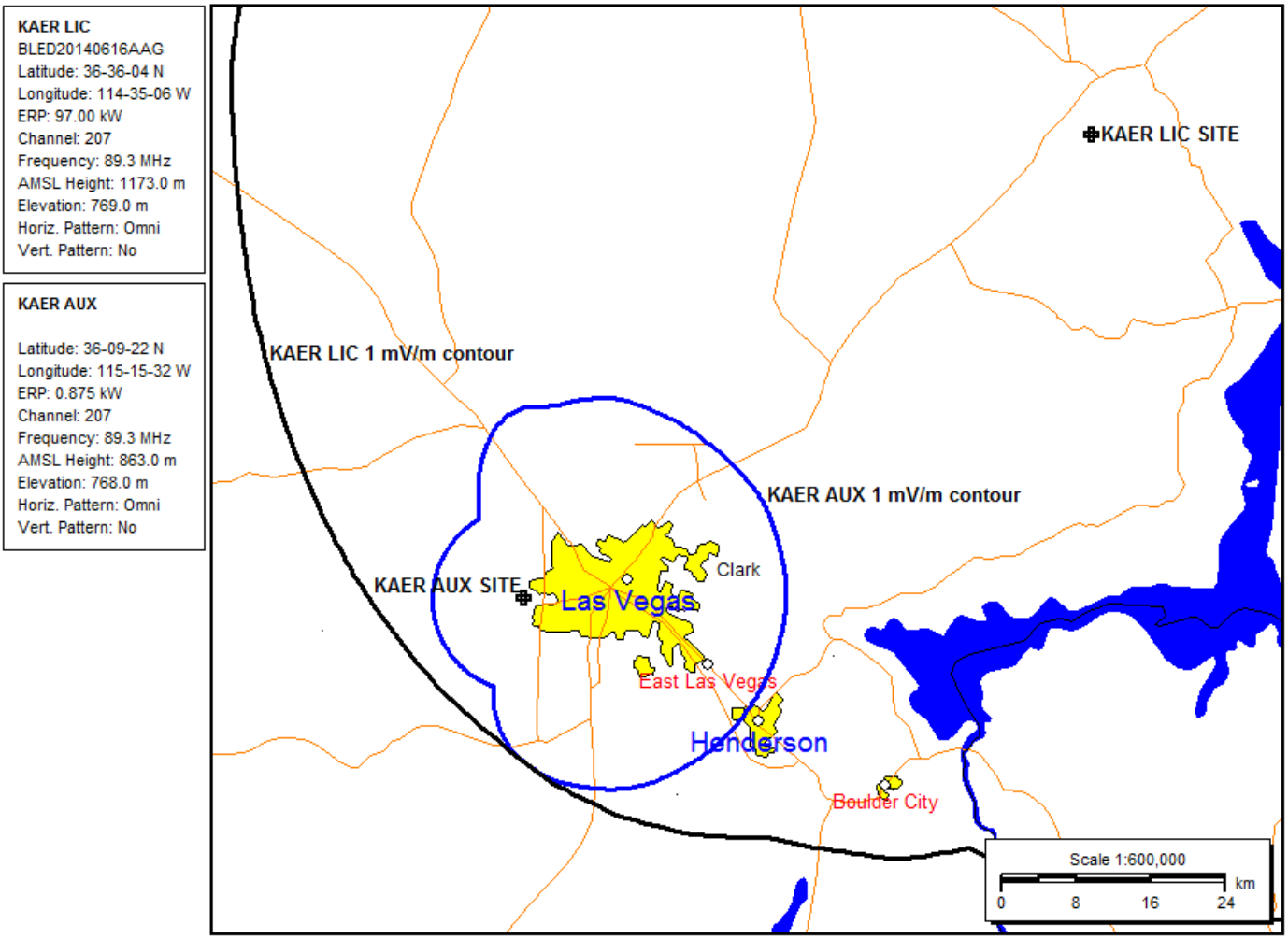
Proposed KAER Auxiliary Facility Amendment

This amendment is submitted in order to include the tabulations of distances to the 1 mV/m contour for both the proposed KAER auxiliary facility and the KAER licensed main facility indicating the use of the 03 second terrain database.

Proposed KAER Auxiliary Facility

The below map demonstrates that the proposed KAER (FM) auxiliary facility 1 mV/m contour will be completely encompassed by the KAER (FM) licensed 1 mV/m contour.



Proposed KAER Auxiliary Facility

Tabulation of HAAT / distance to 1 mV/m contour

CH 207 36 09 22 / 115 15 32 0.875 kW ERP (H&V, non-da) 863 m COR AMSL

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	733.2	129.8	0.8750	-0.58	1.000	20.47
010	725.2	137.8	0.8750	-0.58	1.000	21.05
020	698.3	164.7	0.8750	-0.58	1.000	22.88
030	679.2	183.8	0.8750	-0.58	1.000	24.01
040	663.6	199.4	0.8750	-0.58	1.000	24.89
050	648.9	214.1	0.8750	-0.58	1.000	25.74
060	630.2	232.8	0.8750	-0.58	1.000	26.81
070	616.9	246.1	0.8750	-0.58	1.000	27.52
080	612.5	250.5	0.8750	-0.58	1.000	27.74
090	610.6	252.4	0.8750	-0.58	1.000	27.84
100	617.8	245.2	0.8750	-0.58	1.000	27.47
110	627.6	235.4	0.8750	-0.58	1.000	26.95
120	639.5	223.5	0.8750	-0.58	1.000	26.28
130	655.1	207.9	0.8750	-0.58	1.000	25.38
140	675.2	187.8	0.8750	-0.58	1.000	24.24
150	695.3	167.7	0.8750	-0.58	1.000	23.07
160	721.2	141.8	0.8750	-0.58	1.000	21.34
170	744.7	118.3	0.8750	-0.58	1.000	19.61
180	769.4	93.6	0.8750	-0.58	1.000	17.29
190	796.8	66.2	0.8750	-0.58	1.000	14.32
200	838.5	24.5	0.8750	-0.58	1.000	9.83
210	874.0	-11.0	0.8750	-0.58	1.000	9.83
220	901.2	-38.2	0.8750	-0.58	1.000	9.83
230	977.7	-114.7	0.8750	-0.58	1.000	9.83
240	1032.1	-169.1	0.8750	-0.58	1.000	9.83
250	1046.1	-183.1	0.8750	-0.58	1.000	9.83
260	1019.3	-156.3	0.8750	-0.58	1.000	9.83
270	1024.4	-161.4	0.8750	-0.58	1.000	9.83
280	1106.3	-243.3	0.8750	-0.58	1.000	9.83
290	1180.3	-317.3	0.8750	-0.58	1.000	9.83
300	1131.1	-268.1	0.8750	-0.58	1.000	9.83
310	1058.7	-195.7	0.8750	-0.58	1.000	9.83
320	942.3	-79.3	0.8750	-0.58	1.000	9.83
330	850.8	12.2	0.8750	-0.58	1.000	9.83
340	796.3	66.7	0.8750	-0.58	1.000	14.37
350	757.1	105.9	0.8750	-0.58	1.000	18.53

03 SEC terrain database

KAER Licensed Main Facility

Tabulation of HAAT / distance to 1 mV/m contour

CH 207 36 36 04 / 114 35 06 97.0 kW ERP (H&V, non-da) 1173 m COR AMSL

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	509.4	663.6	97.0000	19.87	1.000	93.92
010	544.5	628.5	97.0000	19.87	1.000	92.58
020	553.4	619.6	97.0000	19.87	1.000	92.25
030	566.5	606.5	97.0000	19.87	1.000	91.75
040	549.3	623.7	97.0000	19.87	1.000	92.40
050	517.9	655.1	97.0000	19.87	1.000	93.60
060	504.6	668.4	97.0000	19.87	1.000	94.11
070	471.0	702.0	97.0000	19.87	1.000	95.41
080	462.5	710.5	97.0000	19.87	1.000	95.74
090	457.3	715.7	97.0000	19.87	1.000	95.94
100	438.5	734.5	97.0000	19.87	1.000	96.67
110	466.1	706.9	97.0000	19.87	1.000	95.60
120	491.9	681.1	97.0000	19.87	1.000	94.60
130	537.2	635.8	97.0000	19.87	1.000	92.86
140	571.9	601.1	97.0000	19.87	1.000	91.55
150	600.1	572.9	97.0000	19.87	1.000	90.42
160	632.5	540.5	97.0000	19.87	1.000	88.82
170	702.1	470.9	97.0000	19.87	1.000	84.60
180	770.2	402.8	97.0000	19.87	1.000	79.65
190	806.3	366.7	97.0000	19.87	1.000	77.00
200	753.1	419.9	97.0000	19.87	1.000	80.92
210	684.7	488.3	97.0000	19.87	1.000	85.71
220	614.6	558.4	97.0000	19.87	1.000	89.75
230	584.4	588.6	97.0000	19.87	1.000	91.07
240	573.7	599.3	97.0000	19.87	1.000	91.48
250	578.2	594.8	97.0000	19.87	1.000	91.31
260	583.1	589.9	97.0000	19.87	1.000	91.12
270	574.8	598.2	97.0000	19.87	1.000	91.44
280	565.3	607.7	97.0000	19.87	1.000	91.80
290	559.9	613.1	97.0000	19.87	1.000	92.00
300	552.4	620.6	97.0000	19.87	1.000	92.28
310	535.4	637.6	97.0000	19.87	1.000	92.93
320	515.2	657.8	97.0000	19.87	1.000	93.70
330	521.7	651.3	97.0000	19.87	1.000	93.45
340	518.9	654.1	97.0000	19.87	1.000	93.56
350	512.0	661.0	97.0000	19.87	1.000	93.82

03 second terrain database