

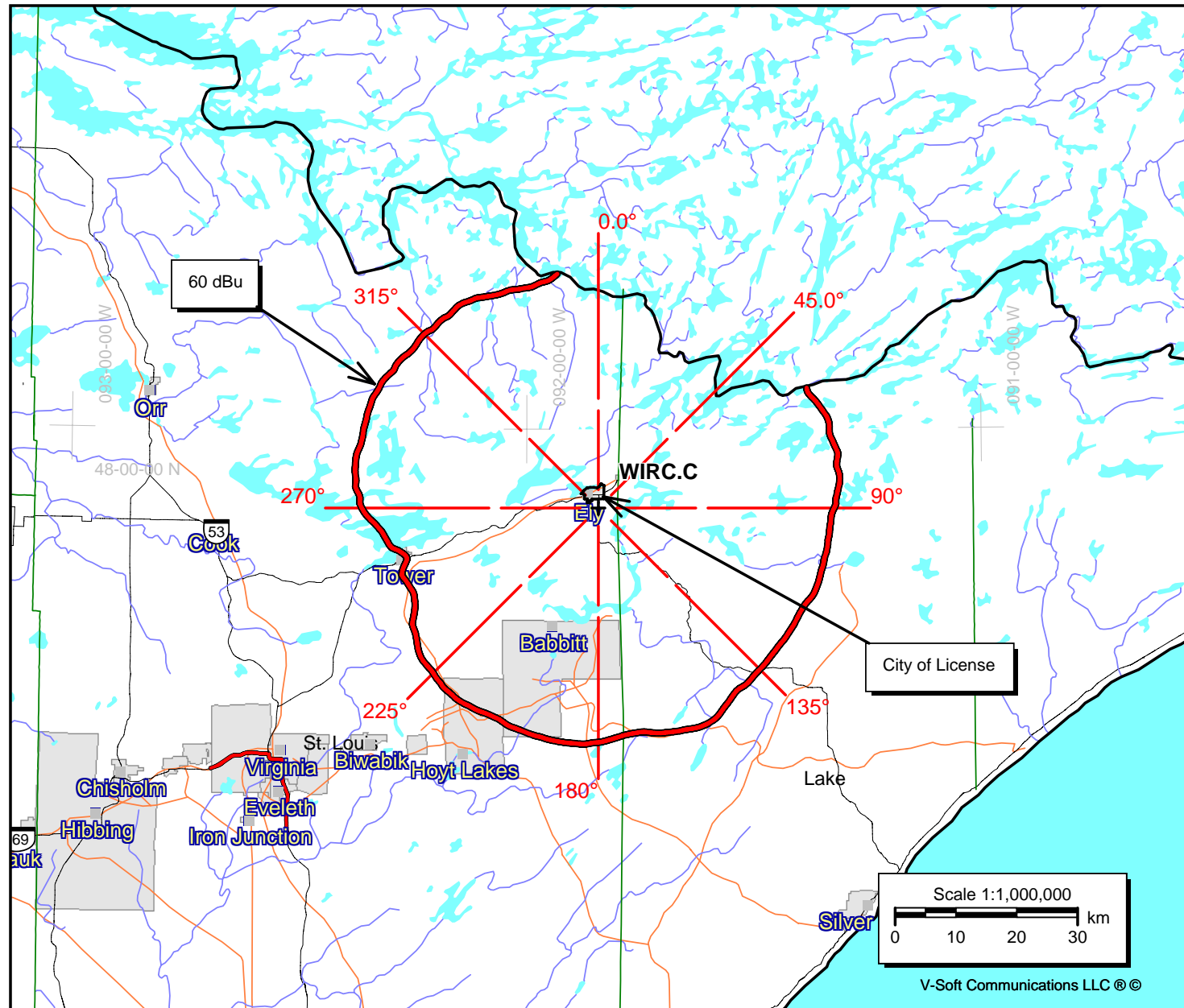
Proposed Community Coverage - WIRC New

WIRC.C

Ely, MN C3
Latitude: 47-53-01 N
Longitude: 091-50-32 W
ERP: 18.50 kW
Channel: 207
Frequency: 89.3 MHz
AMSL Height: 553.2 m
HAAT: 116.2 m
Horiz. Pattern: Omni
Vert. Pattern: No

8/5/2009

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N. Lat. = 475301.0 W. Lng. = 915032.0

HAAT and Distance to Contour,

V-Soft 3-16 km, 131 pts Method - USGS 03 SEC

WIRC (New) - Distance to 60 dBu Contour

Azi. AV EL HAAT ERP kW dBk Field 60-F5

000	435.5	117.7	18.5000	12.67	1.000	39.29
010	429.0	124.2	18.5000	12.67	1.000	40.10
020	424.6	128.6	18.5000	12.67	1.000	40.65
030	421.0	132.2	18.5000	12.67	1.000	41.10
040	413.6	139.6	18.5000	12.67	1.000	42.05
050	416.6	136.6	18.5000	12.67	1.000	41.67
060	433.6	119.6	18.5000	12.67	1.000	39.53
070	426.9	126.3	18.5000	12.67	1.000	40.36
080	431.7	121.5	18.5000	12.67	1.000	39.77
090	439.4	113.8	18.5000	12.67	1.000	38.76
100	443.6	109.6	18.5000	12.67	1.000	38.18
110	443.4	109.8	18.5000	12.67	1.000	38.21
120	448.2	105.0	18.5000	12.67	1.000	37.48
130	448.3	104.9	18.5000	12.67	1.000	37.47
140	445.5	107.7	18.5000	12.67	1.000	37.90
150	434.3	118.9	18.5000	12.67	1.000	39.44
160	437.5	115.7	18.5000	12.67	1.000	39.03
170	448.4	104.8	18.5000	12.67	1.000	37.45
180	441.3	111.9	18.5000	12.67	1.000	38.51
190	438.2	115.0	18.5000	12.67	1.000	38.93
200	439.8	113.4	18.5000	12.67	1.000	38.71
210	440.1	113.1	18.5000	12.67	1.000	38.67
220	437.7	115.5	18.5000	12.67	1.000	39.00
230	444.1	109.1	18.5000	12.67	1.000	38.11
240	463.3	89.9	18.5000	12.67	1.000	34.94
250	468.0	85.2	18.5000	12.67	1.000	34.04
260	463.2	90.0	18.5000	12.67	1.000	34.96
270	438.7	114.5	18.5000	12.67	1.000	38.87
280	425.6	127.6	18.5000	12.67	1.000	40.52
290	423.7	129.5	18.5000	12.67	1.000	40.76
300	420.4	132.8	18.5000	12.67	1.000	41.18
310	428.0	125.2	18.5000	12.67	1.000	40.23
320	427.0	126.2	18.5000	12.67	1.000	40.35
330	430.6	122.6	18.5000	12.67	1.000	39.91
340	442.8	110.4	18.5000	12.67	1.000	38.29
350	437.0	116.2	18.5000	12.67	1.000	39.09

Ave El= 436.96 M HAAT= 116.24 M AMSL= 553.2