

Seaway Valley Surveying
180 U.S. Hwy. 11
Gouverneur, N.Y.
315-287-0170

David W. Mance
199 Wealtha Avenue
Watertown, N.Y. 13601

Re: antenna azimuth @ Gouverneur tower

Dear Mr. Mance;

As near as we can determine the grid azimuth of the antenna is $139^{\circ}07'08''$.

Very Truly Yours

Carlton E. Morrow PLS

August 10, 2005

Mr. Dave Mance
199 Wealtha Avenue
Watertown, NY 13601

RE: WGIX Tower
Gouverneur, New York

Dear Mr. Mance,

The information requested for the subject tower is as follows:

Center of Tower

Latitude:

N 44°20' 22.00"

Longitude:

W 75°23' 59.18"

Tower Climbing Face

Orientation:

Forward Azimuth = 347°38' 32" From True North

Leg with Cable for Light (Southeasterly Leg)

Latitude:

N 44°20' 21.98"

Longitude:

W 75°23' 59.17"

Geodetic Distance from Center of Tower:

1.15 feet

Geodetic Azimuth from Center of Tower:

168°41' 04"

Northeasterly Tower Leg to Northeasterly Guy Wire Base

Geodetic Distance:

161.15'

Ground Distance:

161.15'

Geodetic Azimuth:

48°42' 32"

Southeasterly Tower Leg to Southeasterly Guy Wire Base

Geodetic Distance:

160.08'

Ground Distance:

160.08'

Geodetic Azimuth:

168°42' 36"

Northwesterly Tower Leg to Northwesterly Guy Wire Base

Geodetic Distance:

158.32'

Ground Distance:

158.32'

Geodetic Azimuth:

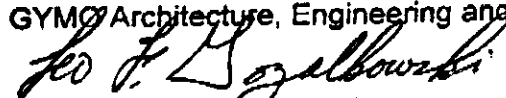
228°19' 20"

Mr. Dave Mance
199 Wealtha Avenue
Watertown, NY 13601
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The geographic coordinates are based on North American Datum of 1983 (NAD 83).

Respectfully,

GYMO Architecture, Engineering and Land Surveying, P.C.



Leo F. Gozalkowski, P.L.S.