



Upstate Scientific of CNY, LLC

Dr. Vincent J. Amuso Sr.

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Yorkville, NY, 13495

To: Doug Young

From: Dr. Vincent Amuso

Date: August 21, 2019

RE: Reference Number: **50190** - Response to Request for Info – File #0012-EX-AU-2019; Confirmation #
E: L771061

Dear Mr. Young;

I am responding to your communication dated August 20, 2019.

Upstate Scientific of CNY, LLC, ("Upstate") hereby requests approval of the assignment of FCC license Call number WM9XHC to Upstate from University of Dayton Research Institute. Lion Group, Inc. has terminated its contract with the University of Dayton Research Institute for the development of a new firefighter location tracking system technology. Upstate Scientific has signed a contract with Lion Group, Inc. to continue the development of Lion Group's technology and therefore requires the assignment to be able to run its experiments for the purpose of completing the development of the technology.

There are no changes to the scope of the work and there are no other licenses involved.

Upstate will be amending the license to add three new antenna locations to the license after the assignment is approved so that Upstate can test at its offices and at two other residential locations.

Regards,

VINCENT J. AMUSO Sr., Ph.D.

Chief Scientist

Upstate Scientific of CNY, LLC

Phone (585) 506-2405

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August 21, 2019

Doug Young
Federal Communications Commission
445 12th St, SW
Washington, DC 20554

RE: Reference Number: 50190 - Response to Request for Info – File #0012-EX-AU-2019;
Confirmation # EL771061

Dear Mr. Young;

This is to confirm that Lion Group, Inc. ("LION") has signed a research and development contract with Upstate Scientific of CNY, LLC, ("Upstate") to complete the development of new technology for a firefighter location tracking system originally started by the University of Dayton Research Institute ("UDRI"). UDRI was not able to complete the project goals in a timely manner. Lion and UDRI have mutually agreed to terminate their research agreement for the development of the technology and UDRI will no longer continue to work on this project.

Upstate and its associates have successfully developed many radio frequency products, including imaging radar, and ground penetrating radar. Dr. Vincent Amuso, the Chief Scientist of Upstate Scientific, has 32 years of industrial and academic experience, including technical lead for U.S Navy SBIR radar projects and multiple radar projects for the U.S. Air Force Research Labs.

With its relevant experience in the area of radar systems, Lion believes that Upstate is well qualified to achieve Lion's project design requirements. Lion desires that the FCC approve the assignment of call sign WM9XHC to Upstate so that Upstate can successfully complete the development of this critical life-saving new technology and Lion can commercialize it appropriately to the first-responder market.

Sincerely,

A handwritten signature in blue ink, appearing to read "Andrew G. Schwartz", with a stylized flourish at the end.

Andrew G. Schwartz
Secretary and Corporate Counsel
Lion Group, Inc.