

The background of the slide is a deep space scene. It features a dark blue and black sky filled with numerous bright stars of varying colors, including white, yellow, and blue. A prominent feature is a large, reddish-brown planet, likely Mars, which occupies the right side of the frame. The planet's surface shows some darker, cratered regions. The overall lighting is soft, with a slight glow around the planet and the stars.

**NASA/MARSHALL SPACE  
FLIGHT CENTER**

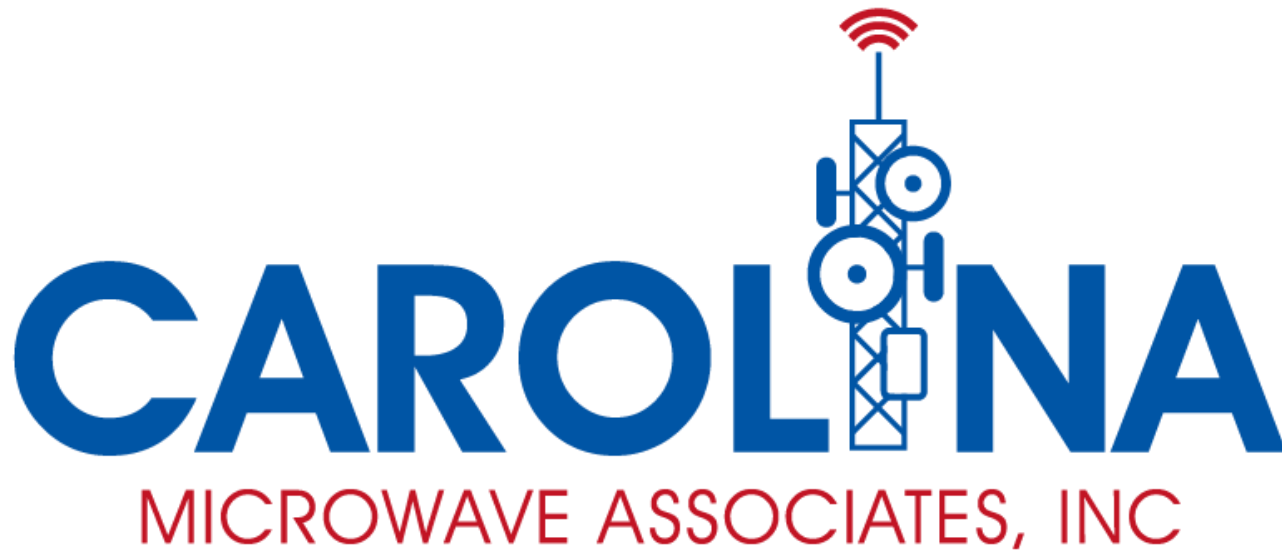
**JOINT COUNSELING SESSION**

***Carolina Microwave Associates***  
***Mike Tadros***

**March 15, 2018**



# Introduction



<b>797 Sunny Slope Drive</b>	<b>Mike Tadros</b>
<b>Cowpens, South Carolina 29330</b>	<b>Mike@CarolinaMicrowave.com</b>
<b>Phone: 864-336-0000</b>	<b>DUNS# 080207663</b>
<b>www.carolinamicrowave.com</b>	<b>Cage Code 7L6Q3</b>

# Certifications



**NSF-ISR**

Registered  
to AS9100



**ITAR  
Registered**

International Traffic  
in Arms Regulations



South Carolina Department of Transportation  
Certified Disadvantaged Business Entity  
Certified Small Business Entity

A stylized blue icon of a communication tower with a red antenna on top, positioned between the letters 'O' and 'L' in the word "CAROLINA".

# CAROLINA

MICROWAVE ASSOCIATES, INC



All our cables are built / tested to the  
**IPC / WHMA-A-620 Standard**

# Quality Systems



## *Certificate of Registration*

This certifies that the Quality Management System of  
**Carolina Microwave Associates Inc.**

797 Sunny Slope Drive  
Cowpens, South Carolina, 29330, United States

has been assessed by NSF-ISR and found to be in conformance to the following standard(s):

**AS9100D with ISO 9001:2015**

\*Audited in accordance with AS9104/1:2012 Requirements for Aviation, Space, and Defense Quality Management System Certification Programs.  
NSF-ISR is accredited under the Americas Aerospace Quality Group Registration Management Committee.

### **Scope of Registration:**

Designs and Manufactures Intelligent Radio Frequency Infrastructure Solutions.



Certificate Number: C0358098-AS1  
Certificate Decision/Re-Issue Date: 08-FEB-2018  
Certificate Issue Date: 08-FEB-2018  
Expiration Date \*: 07-FEB-2021

  
Carl Blazik,  
Director, Technical Operations &  
Business Units, NSF-ISR, Ltd.

### **NSF International Strategic Registrations**

789 North Dixboro Road, Ann Arbor, Michigan 48105 | (888) NSF-9000 | [www.nsf-isr.org](http://www.nsf-isr.org)

Authorized Registration and/or Accreditation Marks. This certificate is property of NSF-ISR and must be returned upon request.  
\*Company is audited for conformance at regular intervals. To verify registrations call (888) NSF-9000 or visit our web site at [www.nsf-isr.org](http://www.nsf-isr.org)



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# NAICS, PSC, FSC Codes

## **NAICS:**

334511, 334220, 334290, 334515, 237130, 238910, 811213, 927110, 541712, 541330, 517919, 332813, 336414, 332994, 332999, 335311, 335312, 335921, 335929, 335999, 423690, 481212, 512110, 541512

## **PSC:**

5985, J058, L058, 5895, 1090, 5410, 1005, H258, N058, K058, 1095, AD96, AD97, 6105, 6110, 3120, 3110, 5410, 6145, L058, 6116, 6115

## **FSC:**

5820,5985,5910,5821,5915,5825,5826,5985,5810,5815,5845,5895,6940,6655, 6615,5860,6660,5960,5999,4920,5342,5841,5840,1035,1040,1045,1055,1090,109 5,1140,1190,1195,1290,5420,5410,5445,5680,9510,9530,5445,3408,3470,5975,99 99,5910, 5915



# Skills & Processes

- MIL-STD-31000 Technical Data Packages
- New Product Development
- Product Re-Engineering
- Prototype Evaluation & Testing Services
- Reverse Engineering
- Sensor Development

# Products Categories

- Antennas
- Attenuators
- Cables
- Cable Assemblies
- Communication Shelters
- Connectors
- Elliptical Waveguide
- FAA Obstruction Lighting
- Grounding Equipment



# Products Categories

- Pan & Tilt Positioners
- Radio Equipment
- Radio Frequency Jammers
- Radar Subsystem Components
- Tools
- Towers
- Tripods
- Waveguides





# Services

- Antenna System Design & Manufacturing
- SATCOM System Design & Manufacturing
- 3, 4, 5 axis CNC & Swiss Screw Machining
- Coaxial Cable Assembly Manufacturing
- Communication Intelligence
- Communication Site Construction
- Distribution & Kitting Services
- Electroplating & PVD Coating
- EMI / EMC Studies



# Services continued

- Fiber Optic Repair
- Laser Marking & Laser Engraving
- PCB Design & Layout
- Project Management
- Radio Frequency Site Surveys
- Radio Repair
- Reverse Engineering of Obsolete EOL Components (Level 3 TDP)
- RF Interference Studies



# Services continued..

- Signal Intelligence
- Technical Documentation
- Tower Design
- Tower Construction
- UAV / UAS Communication Systems
- Waveguide Design & Manufacturing

# Customers

- AT&T Government Solutions
- Booz Allen
- INSITU
- L3 Electron Devices
- L3 Narda Microwave
- Lockheed Martin
- SERCO
- Textron
- United Launch Alliance

To name a few! Don't be shy – join the “in crowd.”



# Past Projects



*AS-1085/URC Design, Fabrication and Installation*



*250 Foot Self Supporting Communication Tower: Design, Fabrication and Installation*



*AS-1096/URC Antenna - Anechoic Chamber Testing for E / H Plane Patterns, Return Loss, VSWR*



*Mobile RF Surveillance Van*



*Custom Antenna & Match Box Design for Kawasaki Police Motorcycles.*

# Principle Points of Contact

<b>NAME</b>	<b>PHONE</b>	<b>EMAIL</b>
<b>Mike Tadros</b>	<b>864-336-0000</b>	<b>mike@carolinamicrowave.com</b>
<b>Joyce Lowrie</b>	<b>864-336-0000</b>	<b>joyce@carolinamicrowave.com</b>