

Granite Roost Hosts Technical Discussion and Facilities Tour at Mercury Systems

On 4 October 2018, the Granite State Roost held a technical discussion and tour of the EW components manufacturing facilities at Mercury Systems in Hudson, NH. The event was co-hosted with the local IEEE-Microwave Theory and Techniques Society / Antennas and Propagation Society (MTT-S /AP-S). Col (ret) Earl “Skip” Stolz, VP of the Granite State Roost, presented an overview of the South China Sea and Mario LaMarche, Product Marketing Manager at Mercury Systems, presented application of GaN technology in active microwave components.

Col (ret) Stolz discussed China’s background, resources, defense strategy, and perspective and then discussed the UN Convention on Law of the Sea, highlighting the implications to the United States. His conclusion focused on possible options for US policy, objectives and defense strategy.



Col (ret) Skip Stolz, VP of Granite State Roost, Opens the Evening with Talk on the South China Sea (left) to 20 EW Practitioners (right)

Mr. LaMarche presented the fundamentals of GaN technology, comparing its performance to GaAs technology, and highlighted GaN’s application to active components in EW systems. The evening concluded with a tour of the manufacturing capabilities at Mercury Systems’ Hudson, NH facility, which included a walk through a clean room. In an interesting intersection of the two evening’s talks, China’s rising manufacturing costs for electronic components is enabling increased investment in US manufacturing capabilities.



Mr. LaMarche presents GaN Technologies (left); Mr. Beaulieu, President of the Granite State Roost, thanks Mr. LaMarche, Mercury Systems, with an Appreciation Gift (right)

The GSR maintains a strong commitment to advancing knowledge for Electronic Warfare and Electromagnetic Spectrum Operations by inspiring local industry to contribute their skills and products to serve the EW Community. The Granite State Roost continues to provide opportunities for interaction among its membership by holding social events throughout the year, wrapping up 2018 with a curling event on 16 November and a holiday party on 13 December.

For additional information about the Granite State Roost, contact the chapter president, Mr. Duane Beaulieu, at duane.a.beaulieu@baesystems.com.