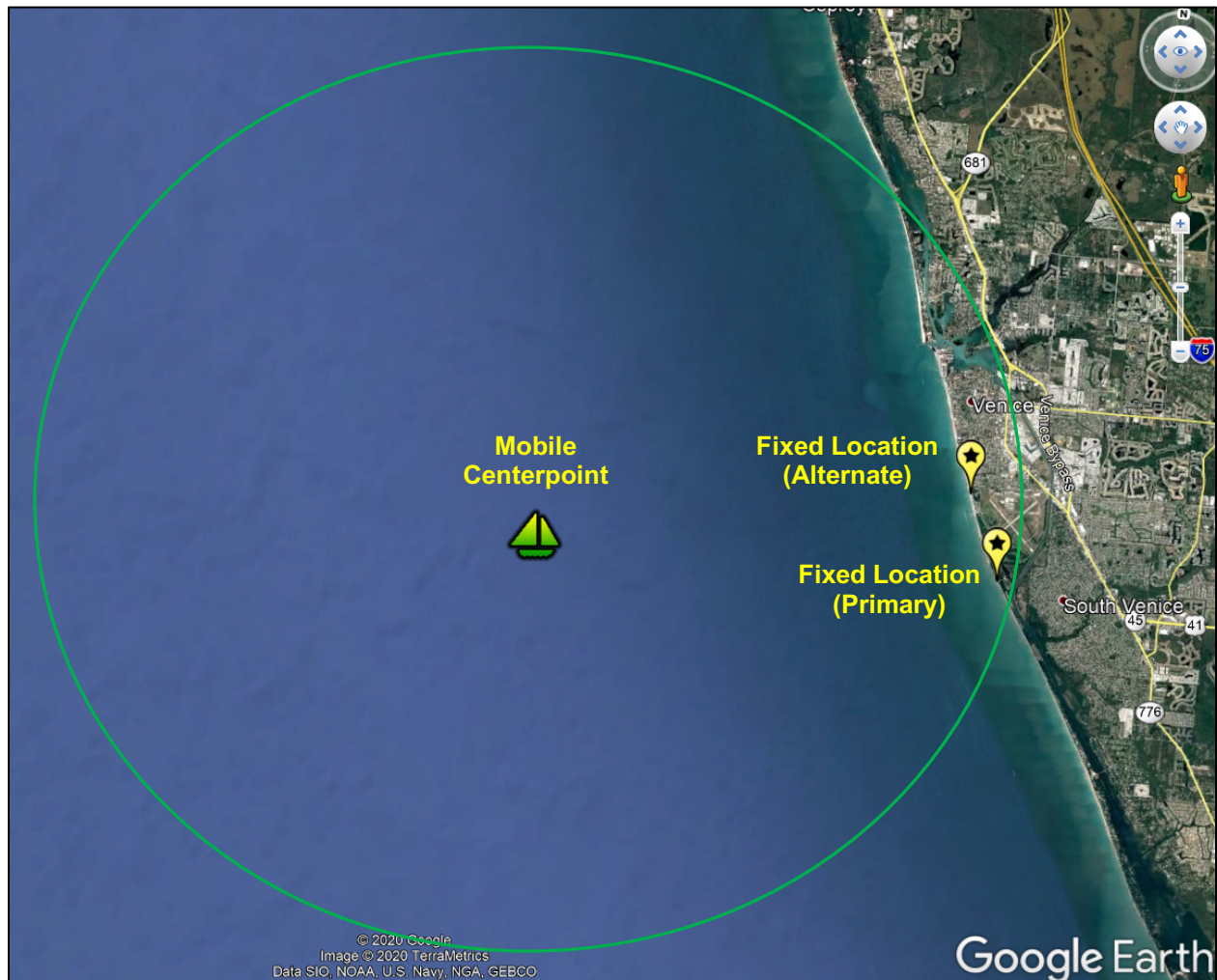


DESCRIPTION OF EXPERIMENT

Rockwell Collins, Inc., a part of Collins Aerospace (“Collins”), is performing research on the radiofrequency propagation characteristics of a communications system while transmitting over water. The experiment will involve a fixed antenna on the shore and a mobile antenna mounted to a boat. A primary and an alternate fixed location have been identified, and both may be utilized (although not simultaneously). The boat-mounted antenna will transmit RF signals at various frequencies and send them towards the fixed antenna on the shore. The signals received by the fixed antenna on the shore will be analyzed to determine which frequency results in the strongest link between the shore and boat. The boat will gradually move further and further from shore to determine the maximum achievable range.



The stop buzzer point of contact is:

Zachary Haralson
(417) 529-9017
zachary.haralson@collins.com