

Air Force contract FA8650-15-C-7530 includes work performed by prime contractor Leidos Inc. for Phases II and III of the DARPA Strategic Technology Office's Spatial, Temporal and Orientation Information in Contested Environments (STOIC) Very Low Frequency (VLF) Positioning System program. These phases include development and demonstration of a VLF positioning system. The Air Force Research Laboratory is acting as the funding agent for DARPA on this program.

The transmissions covered by this experimental license form a portion of the Phase III demonstration, with two primary objectives: first, the demonstration of VLF data transmission from a small relocatable transmitter; second, the evaluation of the ability of a small relocatable transmitter to accurately control its VLF signal phase for use in navigation. Signals transmitted by the aerostat VLF transmitter will be received and demodulated by multiple VLF receivers deployed as part of the STOIC demonstration effort.

Vesperix Corporation, a subcontractor to Leidos under subcontract number P010173755, will perform the experiments covered by this experimental license.