

Government Project: Tagging, Tracking and Locating (TTL) System

Contract: H92222-14-C-0025

Agency: HQ USSOCOM SORDAC-K, 7701 TAMPA POINT BLVD MACDILL AFB FL  
33621-5323

#### Cobham TTL System Research and Development Program

This contract is a 12 month advanced research and development contract with an option to perform additional demonstration and engineering support at the end of completion. The contracting and funding agency is HQ USSOCOM SORDAC-K and the end user of the prototype TTL system will be as designated by HQ USSOCOM SORDAC-K.

Cobham has developed a very low probability of intercept/detection (LPI/D) signaling device that can be uses various localization techniques both with and without GPS. The Cobham TTL System uses radio frequency (RF) tag signals to provide the inputs necessary for TTL operations at the receiver(s). The Cobham TTL tag only transmits its signal when activated by the person carrying or emplacing it. The signal is a spread spectrum signal that is coded and transmitted as a pulse once per second, with very low duty cycle. Multiple ground receivers, a single mobile ground receiver or a combination of ground and airborne receivers provide the identity and location of the tag that has been activated. The contract noted above specifies three (3) systems to each include 10 tags, 1 receiver and other peripheral equipment to test and utilize the system both mounted and dismounted. The quantities required by the contract were to permit sufficient assets to perform limited user testing and CONOPS development by the USSOCOM.