

EXHIBIT NO. 1 TO FCC FORM 442

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Sippican is developing an advanced, multi-function mast antenna system for submarine use. This work is being performed for the U.S. Navy under contract under N66604-89-C-0554. As part of the development work, it is necessary to perform antenna impedance measurements and in some cases relative gain measurements. In order to perform these measurements, it is necessary to apply CW signals to the antenna system. In addition, power handling measurements must be performed which also require the application of CW signals. The CW signals are up to 1,000W in the MF/HF band (radiated power from 20W to 850W). Sippican also expects the current program to transition into a limited production phase where similar type measurements will have to be performed in order to verify proper performance of the equipment prior to shipment to the U.S. Navy.

Contract 
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