QUESTION 7: PURPOSE OF EXPERIMENT

If all the answers to Items 4, 5, 6 are "NO", include as an exhibit a narrative statement describing in detail the following items:
a. The complete program of research and experimentation proposed including description of equipment and theory of operation.
b. The specific objectives sought to be accomplished.
c. How the program of experimentation has a reasonable promise of contribution to the development, extension, expansion or utilization of the radio art, or is along line not already investigated.

To Whom It May Concern:

Mustang Technology Group, LP is requesting reinstatement of FCC License WE2XSK and will use this FCC experimental license to enhance and test a radar prototype on IR&D funding and other non-Government funding. The radar was developed under contract number N00014-07-C-0068 for the Office of Naval Research (ONR) of the United States Navy. The name of the project/radar is MTI Scout and was under the direction of:

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a) The program of research and experimentation will integrate an industry standard operator interface for surveillance radars and demonstrate the performance. The program will use the original electronically scanned radar called the MTI Scout radar as described under the original FCC license with call sign WE2XSK. The radar was designed to transmit and receive short pulses of the RF energy, and process the sampled received data to detect moving objects and perform radar imaging.
b) The objectives to be accomplished are to enhance the capability of the MTI Scout radar system by integrating an existing and accepted standard operator interface that will reduce the workload of the operator in surveillance applications.
c) This program of experimentation will greatly reduce the workload of the operator executing surveillance missions and provide an affordable alternative to this class of radar system.

Questions regarding the content of this attachment can be directed to:

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