Thank you very much, Mr. Chairman.

As chairman of the Communications and Technology Subcommittee, I have

taken an interest in the use of our Nation's spectrum resources by both

Federal and non-Federal users. Spectrum is becoming increasingly

important as our Nation's needs for mobile communications grow.

Unfortunately, however, demand is quickly outpacing the supply of

spectrum.

The U.S. Department of Defense is a large user of spectrum. Efficient

use of spectrum would therefore not only greatly benefit our country in

terms of technological and economic development, but also help our

military in conducting its critical mission.

Recent discussion of spectrum policy in government has turned to ways

that governmental and nongovernmental users might share spectrum to the

benefit of both. It has come to my attention that the work of the

Department of Defense--through the Defense Advanced Research Projects

Agency, the Joint Program Executive Office Joint Tactical Radio System,

and other programs--has been examining some of these sharing

technologies, but with mixed results. It is my belief that Congress

would benefit greatly from a report on this research. I would suggest

that the Department of Defense draft such a report that details the

status of its work on cognitive radio, dynamic spectrum access,

software-defined radio, and any other spectrum-sharing techniques and

technologies.

I would like to ask for your support, Mr. Chairman, and assistance in

working with the Department of Defense to get additional information on

the types of technologies under development and production and how much

has been spent to date for these efforts, as well.

In addition, I believe that a clearer understanding of the efforts

being pursued by the Department of Defense and the associated

organizations for joint spectrum management technology developments,

what has been deployed and what future investments will achieve is

important and should be pursued and we should fully understand what

they're doing.