



AMERICAN METEOROLOGICAL SOCIETY

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Mr. James Quello, Chairman
Federal Communications Commission
1919 M Street, N.W.
Washington, D.C. 20554

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Re: Docket 93-59: Allocation of Spectrum for ~~Wind Profiler~~ Radar Systems

Dear Chairman Quello:

The American Meteorological Society strongly supports the allocation of frequencies worldwide in the radio frequency bands that will encourage expanded use of profiling technology for operational and research purposes. Wind profiling radars are increasingly being used routinely by NOAA for the diagnosis and prediction of weather. They are also being used commercially for air quality monitoring and by government and university researchers in support of major national and international field programs. Profilers are being used now for these purposes in three major frequency bands: 900-1300 MHz, 400-450 MHz, and 40-50 MHz.

The American Meteorological Society wishes to join other organizations in a worldwide effort to encourage the use of radar wind profilers by making available portions of the radio frequency spectrum for radar wind profiling. This is necessary to move forward on major international field programs sponsored by the World Meteorological Organization that comprise the World Climate Research program. They are deemed essential for improved monitoring of the atmosphere required for Climate and Global Change Research in the United States and other countries.

The American Meteorological Society encourages early allocation of frequencies so that the benefits of profiler technology can be put to use literally on a worldwide basis.

Sincerely,

Robert T. Ryan
President