

February 1, 1993

F.C.C.
1919 M St., N.W.
Washington, DC
20554

RECEIVED

FEB 4 1993

FCC MAIL ROOM

To Whom It Concerns :

I am new to the hobby / sport of radio controlled airplanes, I haven't yet learned to fly, but I have spent over \$2,000.00 and as many hours in time building some planes in anticipation of learning to fly in this new Spring to come.

I've never been as excited in a new hobby as I am in this one, it's one I hope to enjoy till the end of this age.

With all the stress and strain of life and its pace, I'm looking forward to this new hobby, but I am writing in protest of PR Docket 92-23:

This change would have a profound and negative impact which would cause alot of radios to become useless or unsafe to use because of interference and could cause some planes to go out of control with possibly dangerous results and causing an expensive loss of airplanes!

Sincerely,

Gary C. Joll
16415 Ironstone Dr
Romulus, Mich. 48174

FCC
1919 M St. NW
Washington, DC 20554

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FEB 4 1993

31 Jan 93

Dear Sirs,

FCC MAIL ROOM

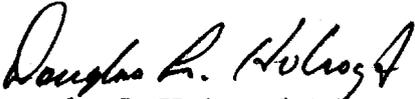
Request you reconsider your new frequency proposal NPRM-PR Docket 92-235. I am a communications officer in the United States Air Force and am thoroughly familiar with the implications of the new rules on model airplane flying. I have been flying model aircraft for over 20 years and have invested heavily in airplanes and associated radio equipment.

I believe the new rules would cause severe safety problems with flying model aircraft. Model aircraft are usually operated near large numbers of people and obviously in the airspace close to these people. Line-of-sight to other emitters is increased as model aircraft altitude increases. Since the proposed new emitters are of nearly four times the power of our radios controlling the airborne model, and mobile, an interference problem would be a constant threat to safe operation of model aircraft. If interference caused the model airplane pilot to loose control of his up to 40 pound model, serious injury or even death could result.

Radio control pilots are very careful to manage the allocated frequencies to assure the safety of property and bystanders. If the frequency allocations are decreased, the remaining frequencies would become overly crowded and lead to increased risk of interference and reduced safety to pilots and bystanders.

I urgently request that the proposal to change the use of the 72-76MHZ band be reconsidered.

Sincerely,


Douglas L. Holroyd, Major
USAF

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FCC MAIL ROOM

Dear Sirs:

I am very involved in the hobby of remote control airplanes. My son and I race these planes, it has given us something that we can do together. This has really helped to develop a strong relationship with each other, and given him something to help develop his coordination, and confidence. I feel that this experience will help him all through his life.

I am very concerned about proposed rules that are currently under consideration by the federal communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the use ability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72 - 76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower band widths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great length to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely Yours,



Michael Hammett
P.O. Box 284
Friendswood, TEXAS 77546

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

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FEB 4 1993
FCC MAIL ROOM

Dear Sirs:

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine, radio controlled (R/C) model airplanes, helicopters, cars and boats.

Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for 36 years. I own 10 radios and 14 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

Bill Samblin

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

RECEIVED
FEB 4 1993
FCC MAIL ROOM

Dear Sirs:

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine, radio controlled (R/C) model airplanes, helicopters, cars and boats.

Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for 3 years. I own 4 radios and 7 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

Rollin Gardner

PLEASE DO NOT ALLOW INTUSION INTO A WELL
ORGANIZED AND SMOOTH RUNNING AREA OF INTREST
FOR MANY MANY PEOPLE.

From:- *Jack Miller*
51 Skyview Circle, Hamden CT. 06514

To:- Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

RECEIVED

FEB 4 1993

FCC MAIL ROOM

Dear Sirs,

It has recently come to my attention that the Federal Communications Commission(FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine, namely, radio controlled (R/C) model airplanes, helicopters and boats.

Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users use of frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

This action will have a severe, detrimental effect upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This would create a disastrous situation in which physical injury, perhaps fatal, and property damage could occur.

I have been involved in this hobby for years. I own 5 radios and 7 model planes, helicopters, cars and boats. In addition, I have numerous engines, and much expensive equipment to support my hobby. When you consider that there are hundreds of thousands of other R/C hobbyists in the USA just like me, you may appreciate that these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this Proposal. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby, which not only of great pleasure for many, but also a constructive activity that has encouraged youngsters to follow careers in the sciences.

Thank you for your consideration.

Sincerely,

Jack Miller 2/1/93

January 25, 1993

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

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FEB 4 1993

FCC MAIL ROOM

Dear Sirs:

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine, radio controlled (R/C) model airplanes, helicopters, cars and boats.

Your Notice of Proposed Rule Making (NPRM) in **PR Docket 92-235** replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for a great number of years. I own several radios and model airplanes. In addition I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,



Kevin Cruson

Federal Communications Commission
1919 M St., NW
Washington, D.C. 20554

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FEB 4 1993

FCC MAIL ROOM

1190 Galaxy Circle
Upper St. Clair, PA 15241

February 1, 1993

Re: Notification of Proposed Rule Making
PR Docket 92-235

Gentlemen:

I am writing to express strong objection to an item of proposed rule making which you are considering. The proceeding at issue is PR Docket 92-235.

If adopted, the new rules will seriously reduce the usability of radio frequencies currently employed by model aviation hobbyists, and will increase the risk of accidents and attendant liability for operating and controlling such model aircraft.

At present our assigned frequencies (in the 72 - 76 MHz band) are far enough apart from other land mobile frequencies in that band that we may share the band without either use interfering with the other. However, the inclusion of additional land mobile frequencies by splitting the band into narrower segments will result in the use of frequencies so close to "ours" that 31 of our current 50 allowed frequencies will essentially become unusable.

I am a retired federal employee who actively and enthusiastically pursues the hobby of building and flying radio controlled model aircraft. I presently have 4 radios which represent a total investment of about \$650.00 which would become unusable if the proposal is adopted. It would still be "legal" to use them, but the frequency proximity of other users would render their use unsafe. My models weigh between 6 and 10 pounds, and fly at estimated speeds up to 80 miles an hour, and the prospect of damage, injury, or even death which could result from an out-of-control model is intimidating to me. Because the anticipated use of the additional frequencies is "mobile" we could not protect ourselves readily, because we could not know the always-varying location or signal strength of the conflicting user.

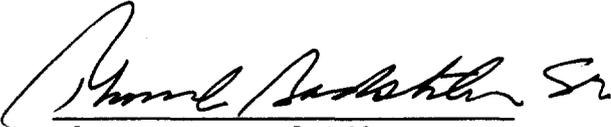
Notification of Proposed Rule Making
PR Docket 92-235 (continued)

I should also point out that within the past few years, I and many, many thousands of modelers went to significant expense to either purchase new radio equipment or to electronically update existing equipment in order to "narrow" our transmitted frequencies so that we would not interfere with other users or with each other. This was done to comply with standards established by a national model aircraft association, the Academy of Model Aeronautics, subsequent to FCC's earlier action to assign additional frequencies for our use. But even those efforts will not protect us from the extremely close-to-our-frequency insertion of new frequencies now proposed.

I am sure that the FCC does not consider modelers as being as important as business users, but the hobby provides countless hours of enjoyment to many thousands like myself. Please help me, and many others, to continue the safe enjoyment of this hobby and pastime by not adopting the subject proposal. We modelers are small potatoes here, and urge you to consider the deleterious effect of allowing the frequencies in question to be subverted to the commercial interests. Please do not now take away that which you granted us earlier.

Thank you very much for consideration which you may give to this request.

Sincerely,


Thomas C. Badstibner, Sr

FCC

RECEIVED

1/30/93

1919 M St, N.W

FEB 4 1993

Washington, D.C. 20554

FCC MAIL ROOM

Dear Sirs:

In reference to your proposed rule PR Docket 92-235.

I am excited and derive many hours of pleasure from building and operating radio controlled model air planes.

I own 4 pieces of radio equipment for my planes that would be practically unusable if this frequency assignment is adopted.

Since the proposed new frequencies are so close, interference will occur and render most model frequencies unusable due to the fact these new frequencies will be for mobile units so that you never know how close they are to the field you are flying from, in addition to being 4 times as power full as our frequencies which can easily override our signals if they are nearby making it very hazardous to fly our radio controlled model airplanes.

I strongly am very much against this new ruling.

Sincerely,

Franklin H. Embler

Box 303 Riegelsville Pa. 18077

(Academy of Model Aeronautics)

I am a member of the National A. M. A. and a member of The 350th Flying Circus Model Airplane Club.

January 30, 1993

F.C.C.
1919 M. A. N. W.
Wash DC 20554

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FEB 4 1993

FCC MAIL ROOM

Michael C. Jablonski
1428 Lenox Avenue
Bethlehem Pa 18018

To Whom it May Concern:

This concerns a new Notice of a Proposed rule (NPRM-PR Docket 92-235); which if implemented will have a profound effect on Model Aircraft frequency use. The AMA worked with you to give us 50 closely packed frequencies in order to fly our aircraft safely. This was over a 10 year period. Mfg's had to come out with new narrow band equipment. Most modelers have had to purchase new equipment for this purpose. Now you propose squeezing frequencies in between ours for land Mobil Service!?

This jeopardizes the safety of modelers, and spectators in flying areas. I thought laws were made for the protection of the frequencies allocated to certain groups.

As a model aircraft flier in R/C since 1965, I am against this!

Sincerely Yours,
Michael C. Jablonski
AMA # 1716



Greater Pittsburgh Aero Radio Control Society



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Director of FCC
FCC
1919 M ST NW
Washington DC 20554

RECEIVED Feb 2 1993

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FOOD MAIL ROOM

Dear Sir

I am the secretary of the Greater Pittsburgh ARCS RC club representing a membership of one hundred members. We as a group, and singly, as modelers ask you NOT to implement Proposed rules change DOCKET N^o 92-235.

Our group is very active with respect to contests and events during the course of the flying season. On the average our membership owns 2 or more aircraft and sets of radio equipment which represents a sizeable investment. Therefore on any given event we will have 30 to 40 entrants. When we fly our aircraft under radio control, we go to great lengths to assure the safety of the pilots, bystanders and spectators. Our flying rules involve the careful coordination of radio frequencies. By the number of frequencies

available is reduced, as you propose, the remaining frequencies will become congested and the margin of safety will be greatly diminished. Many of the larger R.C. events around the country have hundreds of contestants. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

We as modelers DO NOT believe it is either fair or proper to improve conditions for land mobile radio operators at the expense of the radio control modelers. We have considerable investment in our aircraft and radio equipment. The hobby provides enjoyment to thousands of us and contributes to the advancement of the commercial aviation industry.

Please allow us to continue in the safe enjoyment of our hobby. DO NOT implement the proposed rules changes for the 72-76 MHz radio band.

MICHAEL C NELSON
70 ESCALON DR
CORAOPOLIS Pa 15108

Sincerely
Michael C Nelson

1-26-93

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

RECEIVED

FEB 4 1993

Dear Sirs:

FCC MAIL ROOM

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine, radio controlled (R/C) model boats and airplanes.

Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected..

This action will have a severe, detrimental impact upon me and the entire R/C hobby Industry. If put into effect, my air plane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for 5 years. I own 7 radios and 9 model boats and airplanes. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 Mhz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of the nationwide people.

THANK YOU FOR YOUR CONSIDERATION.

Sincerely,



Donald J. Meyer
P. O. Box 51
Moran, MI. 49760

January 28, 1993

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

RECEIVED

FEB 4 1993

Dear Sirs:

FCC MAIL ROOM

It has recently come to my attention that the Federal Communications Commission (FCC) is considering two actions that will severely limit and potentially eliminate a very important hobby of mine, radio controlled (R/C) model airplanes, helicopters, cars and boats.

Your Report and Order in *PR Docket 91-295* creates 20 new channels for low power mobile uses such as voice communications, inventory control, bar code readers and the like. Some of the channels you propose to release will fall within 2.5 KHz of the channels used for surface remote control products such as cars and boats. Putting *PR Docket 91-295* into effect will eliminate our ability to safely use at least 15 of the 30 frequencies on the 27 and 75 MHz bands now used by R/C modelers.

Your Notice of Proposed Rule Making (NPRM) *PR Docket 92-235* replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 KHz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 KHz of frequencies available to us, elimination safe use of at 31 of the 50 channels on the 72 MHz bank now used by hobbyists. In fact, more channels will likely be affected.

These actions will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my, airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for 15 years. I own 6 radios and 20 airplanes, helicopters, cars and boats. In addition, I have numerous engines, servos, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider these two actions. Keep 10 KHz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,



To: FCC
1919 M ST., NW
Washington, DC 20510
20554

Subject: NPRM - PR Docket 92-235

Date: January 31, 1992

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FEB 4 1993

FCC MAIL ROOM

Sirs:

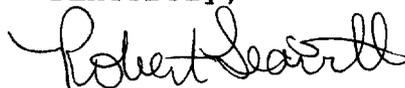
As a concerned citizen and a modeler, I am concerned about the current proposed rules that are under consideration by the Federal Communications Commission (FCC). If the proposed NPRM-PR Docket 92-235 is adopted, these new rules will greatly impact my ability, as well as the hundreds of thousands of other radio controlled enthusiasts, to enjoy our great hobby. This proposal will render 60% of our frequencies in the 72 MHz band unusable and greatly increase the risk of accidents and attendant liability for controlling model airplanes.

Your proposal to separate the frequencies by addition of new bands at 2.5KHZ separation with the tolerance that will allow these new users to overlay our current frequencies (based on your technical specifications) will render most of our frequencies unusable.

Modelers in general have invested a great amount of money and time in our radio equipment and our models (the average cost of a flying model with attendant equipment is over \$500+ with many costing above \$1500). Multiply this by the number of modelers in the US and by the average number of models (3 models per flyer-estimated) and you can see that we have invested a large sum. In addition, we work together to improve our community by club work and shows to inform and assist in any way we can.

I do not think it is wise for the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. Our hobby and use of these frequencies is as important to the overall quality of life in the United States as the business users of radios. I believe that the FCC has the responsibility to look at other options to meet the needs of the Land Mobile Service and not impact the current users of the 72-76 MHz band.

Sincerely,



Robert Leavitt

1715 Ivywood Drive
Ann Arbor, Michigan 41803
February 01, 1993

Federal Communications Commission
1919 M Street, NW
Washington, DC 20054

re: NPRM Docket 92-325

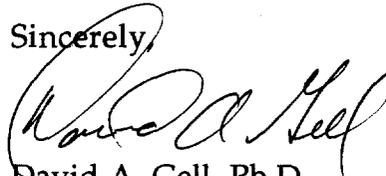
Dear Sirs:

I am writing to register my opposition to the adoption of the proposed rules in NPRM Docket 92-325. These changes would have a detrimental effect on the safety of my hobby, Radio Controlled (R/C) Model Aircraft. The current rules ensure safe operation of R/C models by maintaining a 10 KHz spacing between fixed commercial users and the frequencies used for model control. The proposed rules would allow mobile services on frequencies within 2.5 KHz of the model control frequencies. This is likely to eliminate 31 of the 50 channels allocated for model aircraft.

To safely operate my models, which weigh between 5 and 15 pounds and can achieve speeds in level flight of nearly 100 miles per hour, I rely on interference free radio frequencies. This is ensured, currently, by keeping surface and flying models in separate bands, by frequency control at the flying site, and by the recent upgrades to narrow band transmitters. If the proposed changes are put into effect, I could find myself, without warning, unable to control my model, risking personal injury to myself and to spectators, due to an unknown mobile radio.

I strongly urge the Commission to reconsider the proposed rules and maintain the 10 KHz spacing between all services in the 72 and 75 MHz bands used by radio control hobbyists. Your actions can either ensure the continued safety of a hobby enjoyed by hundreds of thousands or eliminate it.

Sincerely,



David A. Gell, Ph.D.

RECEIVED

FEB 4 1993

FCC MAIL ROOM

Regarding FCC Rule Making

[Date]

1-24-93

RECEIVED

FEB 4 1993

FCC MAIL ROOM

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

Dear Sirs:

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine, radio controlled (R/C) model airplanes, helicopters, cars and boats.

Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

A 10 lb AIRPLANE TRAVELING BETWEEN 50-100 mph OUT OF CONTROL CAN KILL PEOPLE

I have been involved in this hobby for 3 years. I own 1 radio and 3 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

William V. Alcini

Bill & Mary Alcini
5799 Dartmouth
Ypsilanti, MI 48197

Jan 31, 1993
2867 Teasdale
Troy MI 48063

RECEIVED

FEB 4 1993

COMMUNICATIONS

FCC
1919 M. St., NW
Washington
DC 20554

To whom it may concern:

I am writing to in regards to a Notice of Proposed Rule Making (NPRM-PR Docket 92-235)

The Addition of new frequency intersperced between Model Radio Control Frequencies will have a detrimental effect on the hobby that is enjoyed by hundreds of thousands. The models I build weigh as much as 10 lbs and operate at speeds up to 100 mph. Since the proposed frequencies are so close to the existing ones interference will occur and render most model frequencies unusable.

Not only are these new frequencies very close to the current ones, they are also designated as "mobile", therefore I would never know where they are operating. In addition, the technical specifications for the new equipment allows a legal frequency tolerance which could place the new signal directly on top of the current Radio Control frequencies. I urge the FCC to disregard any frequency insertions in the Model Radio Control Frequency Bands.

Sincerely,
George Kastenke

GEORGE KASTENKE

RECEIVED

FEB 4 1993

FCC MAIL ROOM

F.C.C
1919 M St. N.W.
Washington ,D.C. 20554

January 20 1993.

Subject NPRM PR Docket 92-235

Dear Sirs:

I am concerned about the impact of the frequency restructuring proposed by NPRM PR Docket 92-235, and the insertion of additional frequencies between those currently assigned for modeling and commercial users.

I am very opposed to this proposal.

The proposal to allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminates safe use of at least 31 of the 50 channels on the 72 Mhz band and ten of the 30 frequencies on the 75 Mhz band now used by hobbyists. This action will have a severe, detrimental impact upon me and the entire R/C hobby industry.

Only a few years ago at great expense to myself I was required to replace all of my radio equipment because of the reduction of the frequency spacing from 20 Khz to 10 Khz. This action was necessary in order to continue my model flying without concern that my equipment would endanger others. Because of the present economic situation I no longer can afford the replacement cost of the radio equipment I presently own. For me this proposal would bring to an end the hobby I have enjoyed for many years, and render useless thousands of dollars worth of model aircraft.

Adoption of this proposal would preclude the safe operation of model aircraft without endangering the lives and property of others, both nearby and far away.

I urge you to reconsider this. Keep 10Khz spacing between all frequencies on 72 Mhz and 75 Mhz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past thirty years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

Laurie E. Klingberg

Feb 1, 1993

Honorable Commissioners

FCC

Dear FCC Commissioners,

re: defeat FCC docket 92-235

I am retired and build and fly R/c radio-controlled airplane models.

I own R/c radio systems worth \$500.

My airplanes weigh as much as 16 lbs and fly at 30 m.p.h.

Please leave our frequencies unfettered.

Respectfully yours

Ben Hansen

**BEN HANSEN
216 MARYLAND AVE.
TOWSON, MD
21204-5214**

Federal Communication Commission
1919 M Street, NW
Washington, D.C. 20554
Gentlemen,

RECEIVED

January 29, 1993

FEB 4 1993

The subject I wish to cover with you deals with the "Notice of Proposed Rule Making" (NPRM-PR Docket 92-235).

It has come to my attention that the "Notice of Proposed Rule Making" (NPRM-PR Docket 92-235) that if adopted, will strongly curtail those frequencies currently assigned to that group of young and old airplane, car, and boat modelers who use radio to precisely control their "pride and joy" creations. It is my understanding that if the new rules are passed, the number of currently frequencies available to the modeler, will be reduced from 50 to less than 20, and those that remain can be unknowingly placed in jeopardy by very powerful mobile stations operating nearby to where the modeler is operating his device.

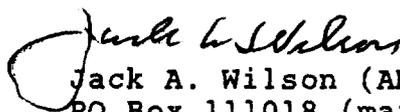
Further, it is my understanding that you plan to act in some way on this proposal by February 26, 1993 which will create a major change (first time in over 60 years) in the structuring of the frequencies which automatically places a high degree of urgency to notify those responsible for the action on this proposal as to the seriousness of their vote.

I realize that the FCC tries to balance their actions for all users, but the reaction to and results of the FCC rulings can and will have a major effect on the modeling population of the US. Because of strong efforts of all of those involved with the radio control of model airplanes, cars and boats, the overall modeling sport has become a highly commercial success which contributes a great deal of money to the US economy. The average expenditure per participant in the sport is more than \$500 per year. With reduction in the number of available control frequencies, the sport will truly suffer.

As a modeler from the early '30s, I have first hand knowledge of the benefits gained by the young men and women who have enjoyed the challenge and joys of building something with your own hands that actual fly or floats on its own. I just don't want these kind of opportunities to be lost to our young because "those who have the control" just do not exercise long range planning. Long term planning for the scientific and engineering future of the USA can also be at stake in this matter. As you may know, many of today's astronauts list the building and flying of model airplanes as helping them initiate their careers in aviation.

As it now stands, I strongly request that the FCC drop the NPRM-PR Docket 92-235. I have written to both of my US senators and to the congressman who represent my area to after fully reviewing the proposal and considering its impact to the modeling industry and those that partake in its benefits, to do what they to stop the FCC process before unrepairable damage is done.

Thank you for your attention to my request and I would be very pleased to receive a report on your actions as it pertains to my request.



Jack A. Wilson (AMA 28427)
PO Box 111018 (mailing)
39969 Forest Road (street)
Big Bear Lake, California 92315-8931

cc: V. Mankowski, Exec Director AMA

ama04

[Date] FEB. 1, 1993.

RECEIVED

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

FEB 4 1993

FCC MAIL ROOM

Dear Sirs:

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine, radio controlled (R/C) model airplanes, helicopters, cars and boats.

Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

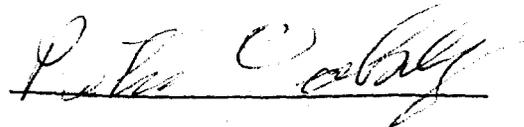
This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for 3 years. I own 6 radios and 8 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,



PETER R. OAKLEY,
40840 CO. RD. 25, LOT 404,
LADY LAKE, FLA.

32159.

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

RECEIVED

FEB 4 1993

FCC MAIL ROOM

Jan 31, 93

Dear Sirs,

I just heard, to my great dismay, about the Notice of Proposed Rule Making in PR Docket 92-235.

This proposed rule would eliminate the SAFE 10 Khz spacing between all frequencies on 75 MHz and 72 Mhz bands.

I have been an R/C pilot for 2 1/2 years and they have been wonderful years. The hobby has greatly enhanced the quality of my life. I'm proud and pleased to say that it is only within the past few years that women have begun to participate in this mostly male dominated hobby. Myself and quite a few other women I know are growing and being exposed to areas of learning not easily available to women - electronics, woodworking, mechanics, hand/eye coordination and more. It would be more than a shame to crowd the frequencies, make the hobby less safe and discourage more people from joining in the possibilities that R/C modeling provides.

I currently have 7 Transmitters (radios) and complimentary receivers which would be unusable if this frequency assignment is adopted. All of these radios are in the lower end of the 72 Mhz bands which would be bracketed, making it very risky to use them (2.5 Khz is not enough space between our frequencies and the powerful signals of mobil users). This equipment represents a large financial investment. I have ten radio controlled planes which I have built and fly. I patronize three local hobby shops which would be hurt by the proposal - very possibly to the breaking point. These proposed rule changes would effect alot of people economically in a negative way.

I am a member of a local club, the R/C Gulls, and we are especially concerned with safety of those flying and our spectators which are numerous. We have a safety officer and all new, as well as old members, are constantly instructed in the protocol which coordinates our use of the available frequencies. This is extremely important to the safe use of these planes. Some of mine are over 20 lbs, with wing spans of over 8 feet. These engines are not toys and can fly over 100 mph. We take this pursuit seriously and we have an incredibly good time doing it.

Please take heed and DO NOT to carry out ^{the} ~~its~~ proposal PR DOCKET 92-235. We need your help.

Most sincerely,

Virginia Pummer

VIRGINIA PUMMER
HC 64, BOX 437, RT 172
BLUE HILL, ME 04614

RECEIVED

FEB 4 1993

FCC MAIL ROOM

6 Marilyn Place
Rockaway, N.J. 07866
February 1, 1993

The Federal Communications Commission
1919 M St, NW
Washington, D.C. 20554

Dear Commissioners:

For years the Federal Communications Commission (FCC) issued a frequency allotment in the 72 to 76 megahertz (Mhz) region for Model Aircraft and ground (cars, boats ect.) use.

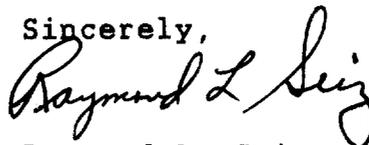
To ensure public safety, only aircraft assigned frequencies are used for control of model aircraft. Frequencies assigned for aircraft control cannot be used to control ground units. Since 1990, millions of dollars have been invested by flyers and manufactures to narrow band radio equipment to attain the present level of safety.

The FCC has issued a NOTICE OF PROPOSED RULE MAKING (NPRM-PR DOCKET 92-235) permitting higher power fixed and mobile transmitters to operate on frequencies close to aircraft frequencies. (within +-2500 Hz, +- any allowed xtal frequency drift, +-modulation)

I believe permitting transmitters, especially mobile transmitters, this close in frequency to equipment controlling aircraft weighing up to 55 pounds and flying at high speeds is not in the best interest of public safety. If permitted, the mobile adjacent transmitter can interfere without warning with the receiver in the aircraft.

Please help continue the safe enjoyment of this pastime by not allowing transmitters on adjacent frequencies within the present 72-76 Mhz, for model control use, band.

Sincerely,



Raymond L. Seiz