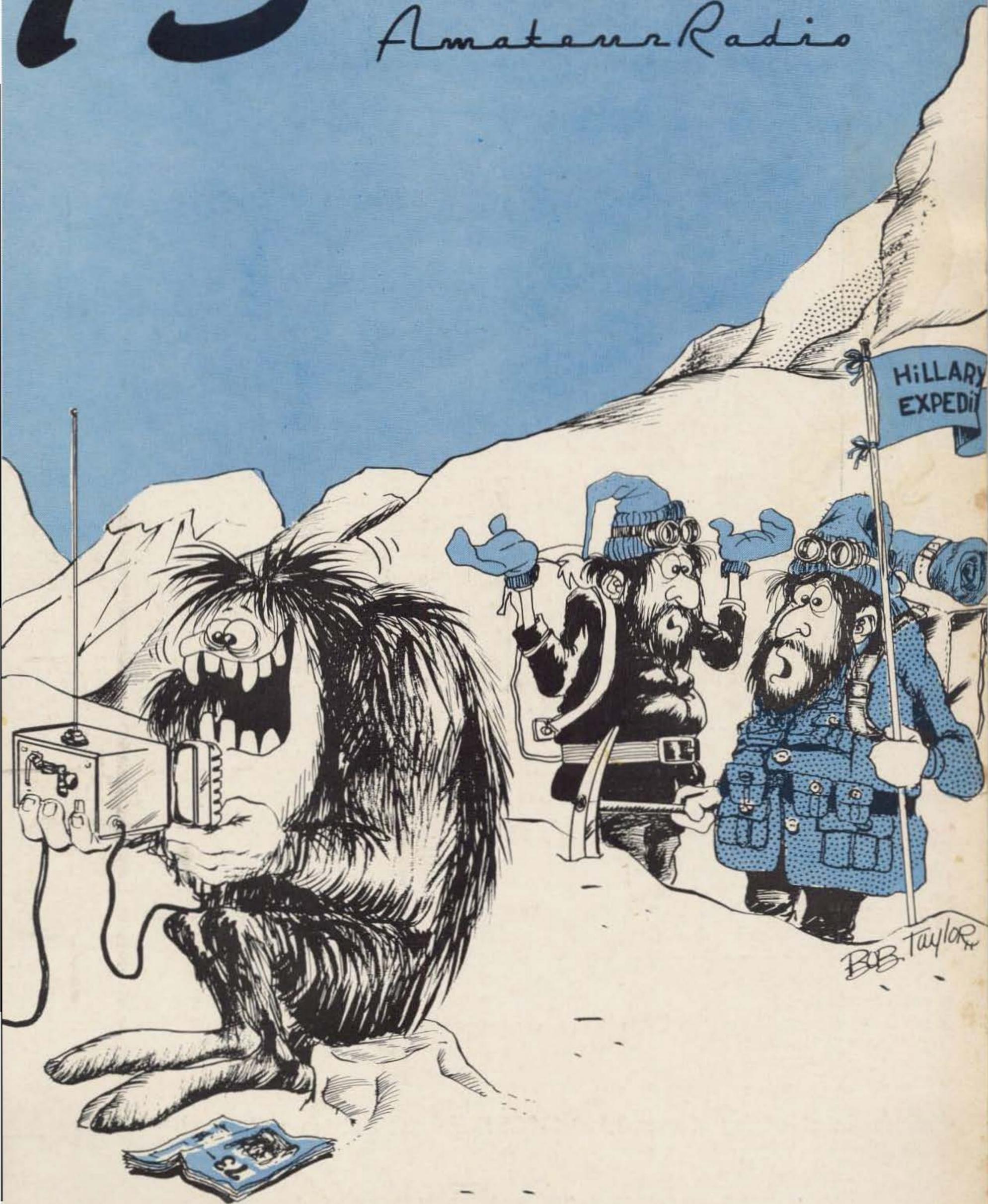


# 73

## Amateur Radio



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**73 Magazine Peterborough, N. H. 03458**

**Dear Wayne:**

As a loyal ARRL member I usually find your editorial rather disagreeable, to say the least. Not so in your January issue, however. Your discussion of UFO communication, etc., has filled a void that has long existed—serious consideration of UFO's in a national magazine. As you have probably guessed, I am a firm believer in them. However I would like to take issue with one point you made. You seem to take the view that we should not "let them know what we know about them." You then made the statement that this subject should not be discussed over the air. It is my belief that the very fact that UFO's have apparently been visiting our planet for hundreds of years shows that their intentions with us, if any, are peaceful. I think they want us to know they are there, and their increasing frequency of visits is a way of getting us used to seeing them. I suggest, therefore, that instead of keeping quiet on the air, we should make it a point to let them know that we are interested. In effect to say "if any of you guys up there are reading the mail, drop down for a visit." Who knows, a ham may establish the first recorded "QSO" with an UFO.

**Craig Smith W2BHP  
Endicott, New York**

**Dear Wayne,**

Somebody's been reading "The Day After Tomorrow" (or Sixth Column) by Heinlein. (Or has John Campbell been ghostwriting your editorials?) Although I have never heard of the Biefeld-Brown effect, I would be interested in trying the experiment. One guess as to what the cause of the orientation change is is that the molecules and atoms of the dielectric exhibit a magnetic dipole moment as well as an electric one. If the effect disappears in a vacuum capacitor, this might be the answer. If it is still present, throw out your old textbooks.

The one physical fact that makes modern electronics possible is the charge to mass ratio of the electron. Because it is possible to exert an enormous force on an unbelievable miniscule amount of mass, it is possible to accelerate electrons by billions of miles per second per second. The gravitational "charge" to mass ratio so far as is known is one to one. If there is any electro-gravitic field radiated by an oscillating mass, it will be very, very small indeed if the two types of radiations are analogous in that they depend upon mass (or charge) and acceleration. Of course, they may not.

Then, there is the unexplained nuclear force, which over short distances is even more powerful than electric forces. If someone discovered how to radiate a field which microscopically changed nuclear interactions, it might be possible to communicate with such a field if it were possible to decode it. Since almost all experiments in nuclear mechanics deal with statistical methods, probably no one would notice if atomic characteristics were changing by miniscule amounts millions of times per second. Sound ridiculous? Everyone knows that it is impossible to generate a coherent light beam. (If I remember correctly, bumble bees can't fly either.)

Beginning of digression on your digression. If K1CLL had measured more carefully he would have found a force on the beam, assuming perfect reflection. The phenomena of radiation pressure is well known and accounted for. It is normally so small as to be measurable only under laboratory conditions. However, it has been proposed as a method of spaceship propulsion. In space, where there is no atmospheric resistance, a ship would inflate large "sails" of reflecting metal, place them between itself and the sun, and go sailing off into the star rise.

If you're in a bad mood, don't read the rest of this.

I'm ashamed of you for saying "Needless to say, this is something that you should not discuss over the air . . ." I feel compelled to launch into a passionate defense of freedom of speech but haven't got the time. Do you seriously think that beings who are capable of building devices which do what the UFO's have been reported to do rely on short wave radio only for intelligence data? And do aforementioned beings need intelligence data. I believe that we both believe that bureaucracies busily keep secrets from the populus more to justify the existence of the bureaucracy than from a real need to keep the secret secret. (Or to hide bungling). If you don't believe this, call up the local telephone company and try to find out the difference between a G1 and a G3 handset.

**Richard Factor WA2IKL  
New York, N.Y.**