

Radio Frequency (RF) Relaying Facts (RF) and Redeeming Features (RF) to Real Friends (RF) for a Rosy Future (RF)

PUBLISHED BY ORANGE COUNTY AMATEUR RADIO CLUB

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#### ETHER ECHOES

LYU, PHJ, USZ, FSP, QWZ, OZO, consistent on 75 mobile...More SSB in Garden Grove now...DEY home from Eastern jaunt, visited with "Herk" ex-K6BIG...K6DBG handling lots of traffic on 75...10 meters again showing flurry of activity locally...DEY heard on 15 meters testing with ZE...A big turnout at the last club meeting to hear an interesting talk on IBM computers, and for the turkey drawing...We hear that FSP won the field strength measuring contest at the Mobilcade last month, with his Web Whip high mounted on a station wagon. Sounds like a good combination...It is rumored that OZO has an SSB exciter which he threatens to use on the higher frequencies. Also he has installed an Elmac mobile receiver...15 meter and 160 meter (see diagram) activity heard in Orange County, both mobile and fixed...K6AAJ putting out strong 75m signals on V-beams...A number of club members have asked when we are going to have another auction...HIL, DBG, and OZO indulge in competitive exercises once a week at Santa Ana High School...QZQ increased his local signal from home QTH on 75m - reason, antenna almost on ground!...ORA now heard in Santa Ana on 75 - reason, new "30 up and 30 out" antenna...LRP complete Elmac mobile installation now with home grown Hi-Q coil.

K6DBG patching traffic on 75m; also flirting with some new equipment...VKN batching it for a few weeks, nice to hear him on before owl time again. He worked some choice DX on A.M. the other A.M....PJU heard mobiling on 75m...PEJ proud papa of bouncing baby boy...OZO now hearing and being heard on 10 meters...FSP and OZO on big safari to Smogville working RAR, USZ, UPP, and others enroute...KCC getting amateur radio bug again...SAK in town for a brief visit...K6AGX assembling 10m mobile gear...GTB on 75, 40 and 20 with "30 up and 30 out" antenna...Dr. Jim Jett of Orange still sweating out his call letters...Max Elliott taking a vacation in Mexico. Hope you bring us some nice pictures, Max...W6VT outfitting his pickup with an eye on the Alcan Hiway...ICN now riding herd on County Radios...Ray, W6NIC, home for the Turkey Holiday...W6LOY seen on the Golf Course; how about mobiling "Cliff"?...HIL starting new shack to tune of "Cement Mixer, Putty Putty"... "Dragnet" seems to be losing ground to "George Gobel" and "Disneyland" on TV..."RF" receives San Diego Club news. They have a fine news sheet. Notice they have K6DGB -- we have K6DBG - wonder if they have worked each other?...K6APW is getting into the married ranks in February, it is rumored... We still would like to see ADE, BAM, MQF, CGF, BQP, LOY, IZ, QX, and more of the old gang out to the club meetings.

#### MORE ON SSB

Yessir, SSB is becoming a hot topic of discussion. Since our last editorial, we have made some observations, to wit:

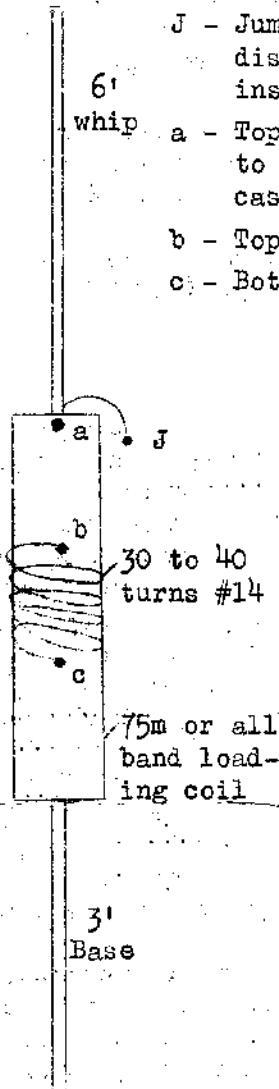
If a carrier is interrupted for the purpose of communication, it must be A-1 emission; therefore, we see no reason why SSB with interrupted carrier is not classified as A-1 and allowed to use the entire band the same as any other A-1 station.

Actually we are not suggesting how the FCC should run things, but we do feel there should be some statement from the FCC as to what type SSB is to be classified; so far they have completely evaded the issue. It looks to us that any type of suppressed carrier with audio power in excess of average carrier level constitutes more than 100% modulation; suppose we were to operate double sideband suppressed carrier - would that be over modulation? Actually, when we over-modulate we have diminished carrier - where does the over modulation start?

Yes, we know technically it can all be explained, but did you ever try to read Terman to an A.M. receiver?

KN6GNX doing very FB on American Legion Net handling traffic and everything. K6ANG is by-passing the Wednesday evening YL 2-meter net in favor of a local CD net... She recently participated in an emergency drill in the Anaheim-Fullerton area, had her picture in the Anaheim paper, too... Hope to hear W6SIE back on the air again one of these days... Understand Ruth, W6ORA's XYL, has a license now but we don't know what the call is ...What's the matter with W6RWM? Haven't heard you on the air in some time.

160 M MOBILE  
by W6ZE

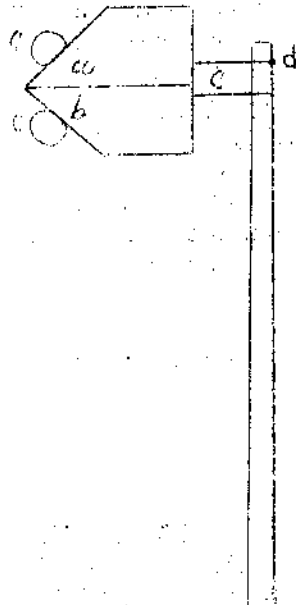


- J - Jumper from Whip (Whip is disconnected from coil inside)
- a - Top turn of loading coil to banana plug in poly case
- b - Top turn of #14 coil
- c - Bottom turn of #14 coil

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To work 160M it is only necessary to connect "J" to "b" and "a" to "c". The coil will resonate at the 75m point with a little experimenting as to the positioning of the external coil - once found the coil can be cemented in place. There is no noticeable effect on radiation on other frequencies as the outside coil floats. It is possible on some installations (this is center load) that the capacity between the two coils could cause a resonant trap at one of the other frequencies. This can be cured by adjusting the number of turns on the external coil.

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- a - insulated
- b - silvered brass
- c - coil turns
- d - slider shaft
- e - brass

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Illustrated is a simple yet positive contactor for an all-band coil. It is made from the movable contact on an arc-5 roller coil.

This little jewel is insulated on one side, which eliminates shorting turns and can be sawed and filed to fit your particular coil.

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THE NEXT MEETING OF THE ORANGE COUNTY AMATEUR RADIO CLUB WILL BE HELD WEDNESDAY, DECEMBER 15, 1954. FOR OUR PROGRAM WE WILL HAVE A FIELD STRENGTH MEASURING CONTEST, AND W6UPP WILL BRING ALONG HIS SLIDES FOR OUR VIEWING PLEASURE.



11/20/54  
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