

Yuba-Sutter Amateur Radio Club, Inc.

The Yuba-Sutter Amateur Radio Club, Inc., meets every second Tuesday at the Red Cross building, 144 Garden Hwy., Yuba City, at 7:30 P.M. The next regular meeting will be held Tuesday, March 9, 1982.

CLUB OFFICERS: Jerry - N6DDP - President
Howard - N6CCS - Vice President
Char - KA6LIJ - Secretary
Barry - KE6LW - Treasure

BOARD OF DIRECTORS: Dennis - KB6MD
Bill - WD6BFR
Tom - WD6CEM
Char - KA6LIJ
Bill - KA6LIK

FCC PROPOSED EXPANSION OF 14MHZ SSB: The FCC has made a proposal to expand the United States SSB phone privilege of 14MHZ from 14150 to 14350 KHZ. The proposal outlines that the added 50KC (150-200) would be open for the general class and higher licensee. The 200-275 segment would still be reserved for the Advanced and Extra Class licensee. In addition, FCC is studying other expansion of SSB privileges of other frequencies. The FCC is requesting all interested hams to submit their comments/suggestions concerning the 14MHZ expansion not later than 1 July 1982. Interested individuals should submit comments to the following address: Docket Number 82/83, Secretary FCC, Washington D.C., 20554.

NOVICE CLASS: The novice class is moving along very well. The code test is out of the way and the students are awaiting the written exam. All are very interested in Amateur Radio and want to upgrade to the Technician or General Class level as soon as possible. Barry and the club is in need of a volunteer instructor for the upcoming General Class to handle the theory portion. Barry will be glad to assist someone, but does not have the time to take on the full responsibility. Anyone interested in helping this group please contact Barry KE6LW, 673-3282 Home or 742-7341 Work.

SPECIAL EVENT STATION: On May 15, our club will be sponsoring a special event station at the old historical Tim-Buc-Too location. Jerry N6DDP has sent the special event information to the major ham radio magazines. This should prove to be a lot of fun and a warm up for the annual Field Day event in June.

SECTION COMMUNICATIONS MANAGER: Recent ARRL elections for the Sacramento SCM position resulted in Norm N6JV as being re-elected for another term as our SCM. It would be nice if Norm could visit one of our club meetings in the near future. Norm is an interesting speaker and I am sure we would have several questions for him.

CLUB ANTENNA: Thanks to the many folks who recently installed the new tri-band CL-33 antenna on the club tower. Howard N6CCS should be given a vote of thanks for his tireless efforts in getting permission from the city fathers to install the tower at the Red Cross building.

BIKE-A-THON: Our club has been ^{ASKED} used to assist in furnishing 2 meter communications in support of the Sacramento Valley Bike-A-Thon in April. Jerry N6DDP will have more information on this event at the next club meeting.

SWAP MEET: On May 2, there will be the annual swap meet held at the Placerville Fairgrounds at Roseville.

ELECTION OF BOARD MEMBERS: At the next meeting, the club will be making nominations for two seats on the Board of Directors. Voting on the nominees will take place at the April club meeting.

ADVANCED TICKET: Congratulations to Bill N6FAB who recently upgraded to the Advance ranks. Good going Bill!

NAVY MARS: Individuals who may be interested in becoming members of Navy MARS can contact Bill - AJ6M or Vic - W6YPW. If you think you may be interested in passing message traffic than this is the way to go.

TOWER RAFFLE: At the upcoming club meeting some lucky person will be winning a 40 foot tower. Price of tickets are \$1.00 each or 6 for \$5.00. See Howard N6CCS for the tickets.

SATELLITE TV: Jim Powell WA6FGZ will be presenting an interesting program on building a home brew satellite TV station at the next club meeting. Sounds very interesting!!

DX CORNER: TUNISIA - 3V8DX is now on and working up a storm on the low bands as well as 10, 15 and 20 meters. Check 21370 KHZ from 2300Z through 0300Z and 14297 KHZ after 0200Z. QSLs go to G3SVK.

SOUTH ORKNEY ISLANDS - Look for VP8AJM around 2345Z on Saturdays on either 21265 or 21276 KHZ. Also check out 21280 KHZ on Thursdays at 0300Z.

TOGO - The 5V7HL weekly schedule includes a Sunday appearance on 14285 KHZ at 2100Z and a Wednesday meeting on 14285 KHZ at 2200Z.

CENTRAL AFRICAN REPUBLIC - Check 28510 KHZ at 2200Z for TL8DC.

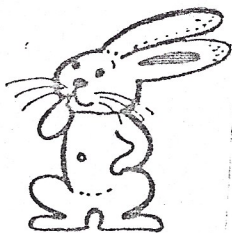
SABLE ISLAND - VE1AWS is due to show up from Sable Island on or about 1 March for an all band effort.

HAM GEAR FOR SALE: Yaesu FT-101E with Monitor ^{SCOPE}~~Schope~~, digital display, dummyload, wattmeter, speaker, world clock, Heathkit electronic keyer, autok filter, other odds and ends. KA6LCD Don Tomlinson - 674-7953.

Bill WD6BFR has a Yaesu FT-101 for sale for \$500.00. The rig has just been factory realigned and ready to go to a good home.

ONE LINERS - I have so much power line noise, I can't even hear the pileup!! - KB6BW

Understand there is a postal increase coming up next month; guess I better run out and stock up while stamps are still cheap. - K6SMH



AJ6M

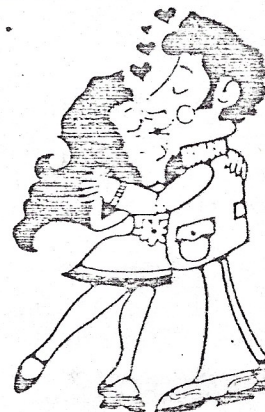
"Now, where did I hear that before?"

THE WAY WE WERE

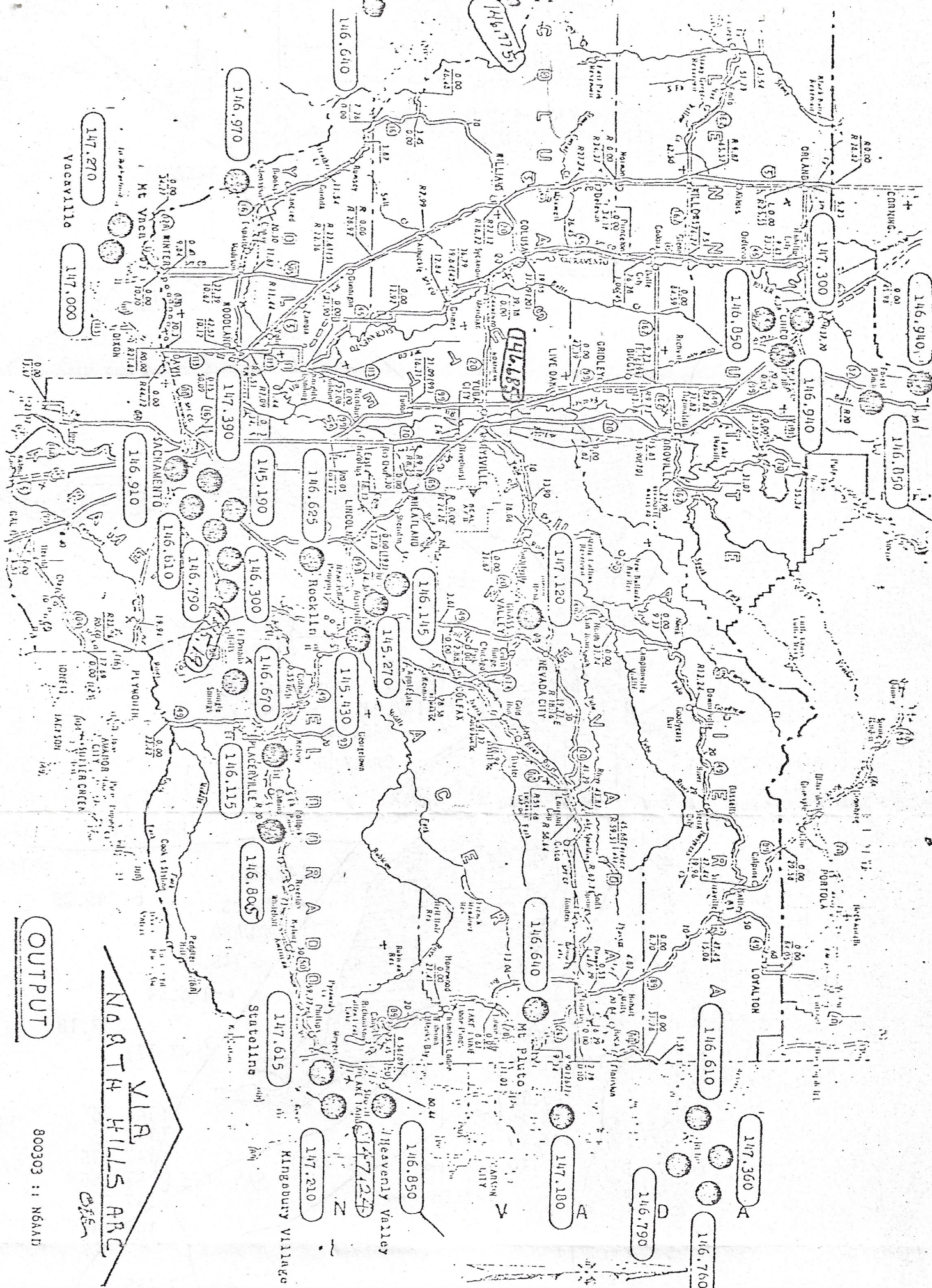
XYL: DX, DX, DX -- that's all you ever think about. I'll bet anything you can't even remember our wedding day.

DXer: I most certainly do. How could I ever forget October 27, 1964? I worked a ZA, a 9US and a TX.

(From World Radio, October 1981)



LEAF
PKF



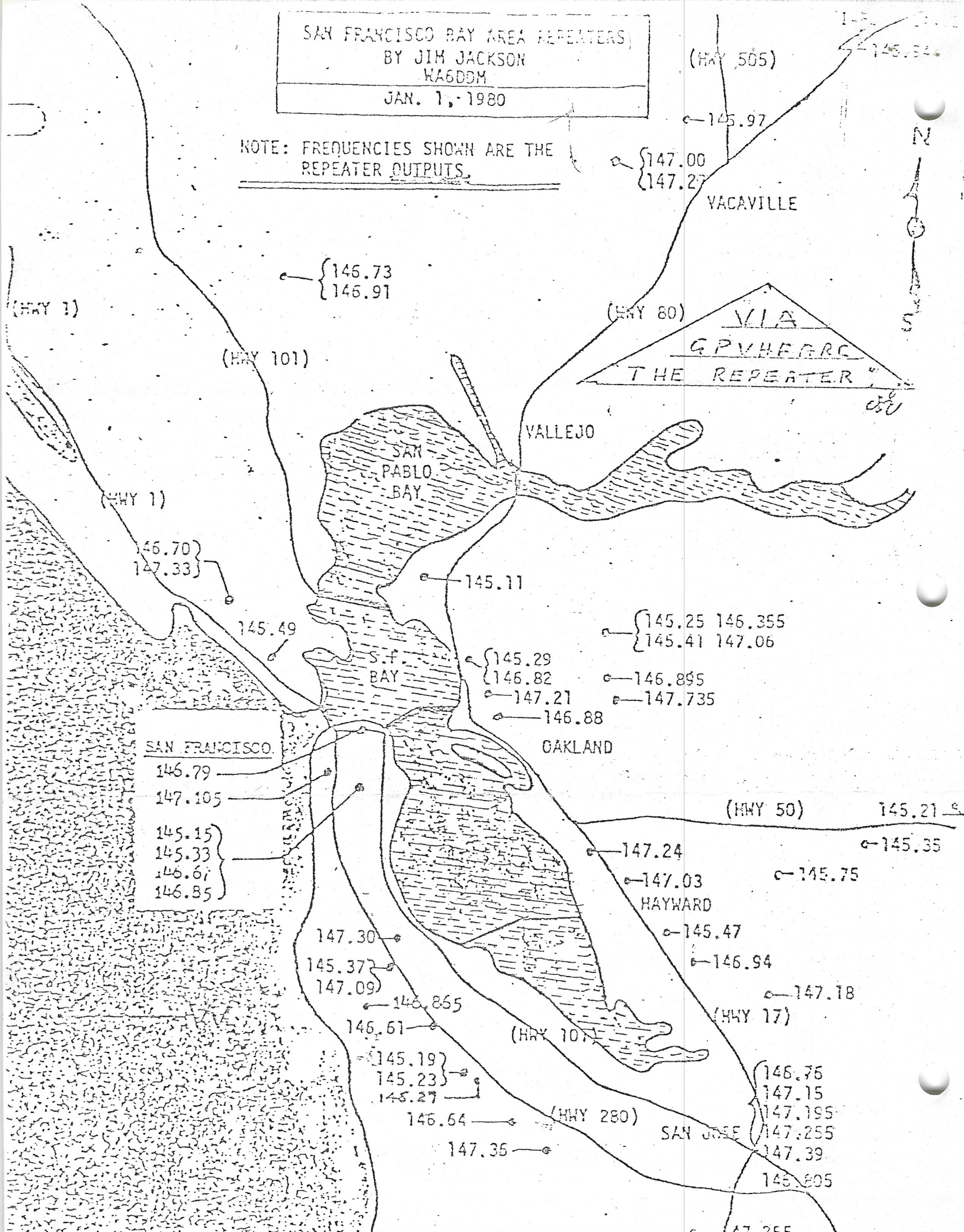
OUTPUT

800303 :: N6AAIT

VIA
NORTH HILLS ARC

SAN FRANCISCO BAY AREA REPEATERS
BY JIM JACKSON
WA6DDM
JAN. 1, 1980

NOTE: FREQUENCIES SHOWN ARE THE
REPEATER OUTPUTS



TWO-METER MINIATURE ANTENNA

The antenna described in figure 1 is a modified 27 Mhz center loaded vertical. After modification it is a $3/4$ wave verticle on 2-meters. Electrical specifications will not be discussed in this article, if you desire these spec's, take it to an antenna lab and check it out.

The particular antenna described is brand named (KRACO Model KA-2408). It may be purchased at Kragen Auto or Grand Auto, price including tax, approximately \$18.00. You also receive a mag-mount, 17' of RG58/U and a PL-259. Other similar types antennas are okay to modify.

The bottom riser is 9.5" long, cut it 6" above bottom thread. The thread is metric 6-mm so you will need a metric die, I threaded it $1/4 \times 20$ and ran a $1/4 \times 20$ tap in bottom coil ferrule, (to cheap to by a metric die). Now grasp ferrules with slip-joint or channel lock pliers, but wrap a cloth around ferrules to protect finish. Screw top ferrule off coil form. Unwind wire from top, leave bottom connection intact; wind seven turns, wide spaced in total winding space. If you intend to run more than 100-watts, replace wire with #18-gage copper. Replace plastic cover, screw ferrules tight. Loosen 1.5mm Allen, remove stainless whip, replace with #18-gage copper wire 10 inches long. Put SWR meter in line, apply some 146.000 Mhz carrier, clip of $1/4$ " at a time, when meter drops to 1.5/1.0, clip $1/8$ " pieces. When meter reads 1.2/1, cut whip same length. Whip will have $1/4$ " to $3/8$ " adjustment inside ferrule so you can fine tune the antenna. The longer you make the bottom riser the shorter the whip. If you do not cut the bottom the whip will be about two inches long, this is a $3/4$ wave top loaded. I like the coil in the middle because you have more flexibility on low overhead objects. In both cases the finished product will be between 17.5" to 18" from bottom of mag mount to top of static ball.

Designed by Lou, K6VT

