



DX Monitor

Devoted Exclusively to
Broadcast Band DXing

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Flash Tip

We'll open this issue with a flash tip --- El Salvador will hold elections on March 25. It's possible (if not likely) that some Salvadoran stations will stay on late that night with election return coverage (assuming they and/or the local power plant aren't knocked out by extremist groups....).

Publications

Grove Enterprises has come out with a new catalog. They carry receivers, receiving accessories, books, antennas, and other goodies. For a copy of the catalog, write them at 140 Dog Branch Road, Brasstown, NC 28902 or call 1-800-438-8155.

The National Bureau of Standards has a publication out called "NBS Time and Frequency Dissemination Services". It's a 16 page, four color brochure on WWV/WWVH/WWVB. You can get one for free by writing to WWV at 2000 East County Road 58, Fort Collins, CO 80524. Ask for National Bureau of Standards special publication 432.

The 1984 World Radio TV Handbook has been out for several weeks now. Basically the same old WRTVH it's always been: station listings, etc., plus some receiver reviews in back. If you haven't gotten a copy yet, try your neighborhood electronics store, book shop, Century Print Shop. Gilfer, etc etc.

While I'm at it I'll plug some of our publications:

The IRCA Almanac: it lists all sorts of stuff you've always wanted to know about DXing. Like lists of major network affiliates, who carries the games of major league sports teams, lists of who carries selected syndicated programs (American Top 40, Soundtrack of the 60's, etc), who carries selected religious programs, a list of non-broadcast stations (especially the TIS, broadcast remote, & beacon stations between 1600 & 1700 kHz), a list of Canadian "twins", and a whole lot more. It's the DXers equivalent of the Hitchhiker's Guide to the Galaxy, except that it's available only in printed form. You can get a copy for \$5.50 from the IRCA Goodie Factory, 1422 West Fifth Street, Tempe, AZ 85281. Prices are higher for non-members and those living outside the U.S./Canada (write for details). Each Almanac comes complete with a set of free bumper stickers.

The IRCA Technical Guide: it tells you all sorts of things about receivers, antennas and listening accessories. In it you'll find receiver reviews, articles on receiver theory, construction, and modification, material on building antennas, features on how to build and/or use receiving accessories, and other useful tidbits of knowledge. It's available for the same price as the Almanac (and available from the same address).

EASTERN DX FORUM

(215) 368-8067
RICHARD EVANS
P.O. Box 1294
NORTH WALES, PA 19454

Deadlines: 3/3, 3/16, 3/30, 4/13, 5/2, 6/1, 6/29, 7/27.

John Clemmer, 4524 - 7th Street, East Moline, Illinois 61244

I recently came across a state highway map of Calif. from Chevron Oil. The map is from the 40's--1942 if I remember right and it has a radio log for Calif., Arizona, Nevada and Oregon. It lists 59 Calif. stns, 10 Ariz. stns, 2 Nev. stns and 19 from Oregon. I believe it lists all stns then on the air. The frequencies are the same as today but some of the old calls are great. For example, the 790 in Los Angeles is listed as KECA (now KABC); the 570 is KMTR (now KLAC) and 1110 is shown as KPAS, now KRLA. In Oakland, the 910 is KLS (now KNEW), the 1310 is KLX (now KDIA). In San Francisco, KNBR-680 is listed as KPO. Only two stns shown for Nevada--KENO-1400 and KOH-630. The list also shows network affiliations. I'm sending a copy of the log to Seattle. Hopefully they can print it in one of the bulletins as a special interest item. Drop me a line if you would like a copy of this personally. I found the log really fascinating. Caught two much wanted stns at the end of January. Heard KBOA-830 and WWAX-840--both at SSS. These two finally snuck by WCCO and WHAS. Two format changes in Milwaukee as both oldies stations die. WLZZ-1290 goes country, ex-oldies, and WMKE-1340 went country the day before WLZZ did, dumping oldies. WMKE is to go to WBCS again. Looks as though both oldies stations had small audiences and that ads were hard to sell to advertisers. Remember the anniversary issue. 73.

Howard Kemp, 140 Court Street, Laconia, New Hampshire 03246

Valentine's Day brought two verifications--KPRC (pirate) and CJSB in Ottawa. CJSB was signed by Judy Bath, Executive Assistant. Recent additions--WSKE-1040, WBFJ-1550 and CFJR-1450.

Bob Walker, 16 Wythe Court, #10, Fairfield, Ohio 45014

Back again for another report from the Buckeye State. DX has slowed somewhat due to a lack of time and what appears to be worsening conditions at SSS. The PSSA didn't help matters any in late December. It almost seemed like SRS at SSS with most stations signing off at 1800 local time. I must admit, though, that a couple of new stations were logged, including WKOL-1570 Amsterdam, N.Y., that I probably would not have heard as easily if it hadn't been for the PSSA. I hope the daytimers aren't allowed to operate two hours past their sunset times, and I doubt the daytimers are pushing the issue since they received such weak powers for their PSSAs. I was very lucky that WCNW-1560 here in Fairfield decided not to use their PSSA, especially since their tower is less than a mile from my apartment, hi. On to other things...the local ratings are out and no real surprises. The top AM stations were (out of 18 total stations): #2-WKRC (ad con), #6-WCKY (news/talk), #9-WMLX (MOYL), #13-WCIN (soul), #14-WSAI (country), #16-WNOP (jazz). WLW was listed below the line, but their rating would have them finishing #5 overall. The below the line listing was due to their diary promotion activities. No one was really surprised that WLW finished as low as they did. Overall they went from a 7.5 to a 5.4. The combo of WMLX/WUBE is said to be up for sale, and WNOP has announced that they will be going stereo as soon as a stereo board is installed in the studio. WNOP is interesting in that they broadcast from studios located on a floating (but anchored) barge on the Ohio River. A recent visit to John Clemmer's place in the Quad Cities was enjoyable. Also, thanks for the kind comments from fellow DXers on my reports on BCB DX on HCJB's DX Party Line. I'm always interested in hearing from other tape swappers and DXers in the area. 73.

Richard C. Evans, P. O. Box 1294, North Wales, Pennsylvania 19454

Some comments to help fill up the page. Nine reports on hand here for the anniversary issue some two weeks before I type the column. Since I put the reports in a specific order for typing, I can't get an early start, as Rick Heald says he has. I suspect that PSSA's mean more to stations on the east side of the time zones than on the west. My Dad in western Mich. and I are both in Eastern time, but the sun sets an hour earlier here than there. Here, in Dec., the sun has already set in Dec. before the 1700 drive time. Out there, the sun is up until 1800. I think a 1942 map would be interesting to check against current road conditions, to see if roads are basically the same now (ther than Interstates). Gotta run. PTL.



Western DX Forum

★ ★ ★ ★

IRCA—Serving the Broadcast Band DX'er Since 1964

Editor: Ric Heald, 1632 J St., #3, Eureka, CA 95501

DEADLINES - WEEKLY ON TUESDAY, 12 DAYS PRIOR TO PUBLICATION DATE

*****IRCA ANNIVERSARY ISSUE*****

DEADLINE FOR FORUMS TO BE INCLUDED IN THE 20th IRCA ANNIVERSARY ISSUE IS 12 MARCH 1984. ---If you have never before sent in a Forum, this is your opportunity to introduce yourself to the club. For the "regulars" this is the time to re-introduce yourself and tell a little about your interest in the hobby. You may send a separate Forum for the Anniversary issue with your regular forum (but mark it separately). The record for Forums in the Anniversary issue is 21, so let's all try to break that record! Forward, march.

GENE MARTIN, 3303 E. EVANS AVE., DENVER, CO 80210

When it comes to duplicated call letters over a considerable distance, how about KUSA Denver and KUSA in Los Angeles? The Gannett-owned channel 9 in Denver is soon to become KUSA from the present KBTU, according to the Denver Post. The Post story went on to say the Gannett-owned KPRZ AM in Los Angeles is also changing to KUSA. Now if that is permissible, and it seems to be, then any western FM-only station also could change to KUSA if it wanted to. And if Gannett owns any western FM station -- and I'm not going to bother to check out if it does -- then we might reasonably expect that to happen. The USA combination is a natural for Gannett because they're the owners of USA-Today, the national newspaper which was launched about 18 months ago.

I spent 27 days in January in Richardson, Texas, a Dallas suburb, and was surprised to find how easily you can hear Bogota on on 770 and other Colombians on 1220 on my GE 3-5280B AM/FM cassette receiver. At least half the time at night, Bogota 770 is the best signal on the frequency for KOB is incredibly weak in the Dallas area. On 1220, other Latins are easily heard when you nul XEB. One of them was Barranquilla which I got on tape and I suppose some other Latins were other Colombians on 1220. I was checking 1220 mainly to see if Globo in Rio de Janeiro might not show up. Have a hunch it would at times for it put a splendid signal into Denver when it was on 1180 a few years back.

The 1220 frequency is useless for Denver DX'ers except for XEB inasmuch as our Spanish daytimer there runs an open carrier all night during its supposedly silent period. 73 (I thought that was illegal, Gene-Rth.)

HERMAN PLEW, P.O. BOX 754, ATASCADERO, CA 93423

My first forum. Locally, KATY 1340 San Luis Obispo has been silent since about July 1983 due to financial difficulties. KSLY and their sister FM station KUNA have switched frequencies as of 01 February. KSLY (contemporary hits) is now on 96.1 and KUNA (BFL) is on 1400.

I've been interested in radio since about 1936 when, as a teenager, I got hooked on BCB program content listening and DX'ing. I listened to all the kid shows including Tom Mix, Jack Armstrong, Tailspin Tommy, Chander the Magician, Buck Rogers, etc. A few years later I discovered SW and amateur radio on my uncle's Sears Silvertone 1936 floor model receiver. Got a ham license in 1941 a few months before WW2 began, but have never been much interested in transmitting, so was never active. My main interests are BCB and Long Wave beacons. Also SW mostly for program content. I don't have a TV (did have one for about 15 years) so radio is my main entertainment source. I'm also interested in the technical side of radio and do all my own receiver alignments.

I use an R-2200 and GE Superadio, both fine receivers. Also have an ICF-6500W, a good receiver for SW and BCB, but plagued on SW at times by 10.7 MHz IF pickup of the Russian woodpecker and other 10.7 QRM. (This problem was described in the 1983 WRTH, p. 579.) I don't have a LW receiver at present but expect to purchase an R-600 or R-2000 soon.

I've heard USSR TP DX on LW many times in the past, but I heard my first BCB TP DX in October and November 1983. Excellent signals for several stations in Japan, North Korea, China and one in Vladivostok. Many other weaker signals and hets. I had read the reports of TP and TA DX reception for years, never quite believing it all. I'm a believer now, hi. 73. (Welcome to WDXF Herman. Good to have another reporter from Central California-Rth.)

GARY LARSON, 2806 LINCOLN, BURBANK, CA 91504 (818) 954-0111 ppd

Hi. I'm at a friend's house in Echo Park using my GE Superadio and noting KFXM 590 pretty good here. Also noted KGOE 850 in fair. Am very close to (one-half mile) from KDAY's towers.

Very interesting forum from Bill Hardy on oldies. I too have to say that's my favorite format.

Just noticed KFXM using the slogan, "KFXM all hits for Southern California." Does anyone know more about the new CP on 670 in Simi Valley? Heard their transmitter site had to be relocated so am wondering about when they'll be testing.

Interesting about the call changes relating to KNXT. If they went to KCBS TV it would take the L.A. area a while getting used to. (I sincerely doubt it. 99% of average viewers use channel number and many don't even know the call letters - think about it-RtH.)

Ric, I agree with your comments regarding the AM/rM's in the San Francisco and San Jose area and the transmitter sites.

Tuned around past midnight, 13 February, while at work in San Fernando and heard OCs on several frequencies; will have to try to log or write down what I heard for WDXR.

Remember to support your columns and IRCA and to really make the Anniversary issue a great one. 73.

PAT MARTIN, P.O. BOX 843, SEASIDE, OR 97138

DX of late still seems to be on the slow side. Have been trying to ID a Chinese station on 1690 kHz, which I think may be Taiwan, per Far East Radio Club, heard around 1530-1600 UTC with nonstop CC music, weakly.

Ric, you asked about the Eureka area stations here. KRED 1480 is heard here every night, sometimes during the day. They used to be super strong at night when they were 5 kw (directional N/S-RtH) several years back. KINS 980 puts in a fair signal at times during the day and good in the mornings and evenings (prior to power drop). I just wish they would QSL. KEKA 790 is heard like a local at SR and near SS, sometimes during the day. KATA 1340 is heard in the jumble nighttime at times. KNCR 1090 is heard at SS at times, but mucho QRM from KING, XEPRS, Canada, etc. The Crescent City stations: KPOD 1240, rare at night in the jumble and KCRE 1310 mixes with KNPT and KDIA at SS. KURY 910 in the mornings mixes with KKSN and sometimes at SS. I also hear KFMI-FM at times during the summer and KPDJ, rarely, mainly because of HGON on 92.3 Portland. By the way, what power and frequency will KEKA rM have? That's it this time around. 73.

(Stand by, ladies and gentlemen - and others - I have this nauseating feeling that creeping up from behind, it's ----JAISUN'S JOURNAL!)
JEF JAISUN, 12860 136th NE, KIRKLAND, WA 98034

I can't help it. It tugs at my heart strings to see poor 'lil Ric struggle along with no column filler for weeks on end, so I feel compelled to submit some zukini patter for his white space (as opposed to gray matter).

Well, heeere's the good news. Some of you may recall a forum of mine last spring in which I mentioned my enrollment and early success in electronics vocational tech. I believe the comment I made at the time was, "If I can do it, anyone can." Well, this should serve as ample encouragement to others who may be reluctant. . . I graduated number one in my class. In fact, I was one of only two students to ace the 193-question final exam. Needless to say, I'm quite pleased with my progress. Next step is to pass the FCC General Communications License exam, which I have a date with the first week of February. I've been studying furiously for it, too.

Finally got ahead of one of the Ron Baile School of Broadcasting 575-question study guide. Yikes, what a mind bender! I've been hitting it at the rate of about four hours a day for a couple weeks, and I'm barely halfway through. I called the FCC to ask them if the current tests are as tube-intensive as the Baile test, given the advances in solid state. To my chagrin (and horror), I was told, "We haven't changed the tests since 1968. They are tubes, tubes, tubes." Most of my training was in solid state and digital, so right now I'm in plate current up to my eyeballs, hi. Sure hope my grid doesn't leak in public. (Could be quite electrifying, hi-RtH.)

By the way, in case you're planning to take an rCC test in the near future, better call and get the testing dates now. It seems that Mr. Raygun, in his unceasing effort to get government off our backs, has cut the testing schedule drastically. Instead of giving exams every two weeks, the Seattle office now tests only once every three months, for a period of five consecutive days. In other words, if I blow it in February I have to wait until May for another crack at it. This schedule change evidently affects all licenses, including amateur. A bit of irony here: At last summer's convention auction I picked up bp's old FCC prep test, but it was so heavy on tube stuff I

figured I'd better get an updated version. I have since found questions in the new Baile test that are literally identical to the ones in bp's book. The more things change, the more they stay the same, hi. (For those of you daring enough to read on through Jaisun's Journal, more next week-Rth.)

RIC HEALD, 1632 J ST., #3, EUREKA, CA 95501 (707) 443-1685 M-F 9-6 or (707) 443-2704 SAT 9-2 PLT & ppd

The local "Pony Express" (to put it mildly) has been doing a number on mail delivery. They claim they've been realigning the routes. The 1600 block of J Street received no mail for nearly a week, then suddenly my mailbox was full. According to the ribbon clerk at the post office, they've been having trouble making the adjustments and some mail was not delivered. No shoot Sherlock! That's the reason for no column last week; I didn't feel like being the lonely only, hi.

The Anniversary WDXF is shaping up great. Looks like we might beat the old record of 21 forums. By the time this hits print, the deadline will have arrived, but as of today we still have two weeks to go.

Finally nailed KASY 1210 now that they're running all night. I haven't heard such a tacky format in ages. To add to their miserable sound, the DJ was giving away a prize for correct answer to a trivia quizz, and for nearly 30 minutes kept asking people to call, i.e. "Come on folks, someone must know the answer," and never gave the phone number!

Pat, when KRED was 5 kw nights, they were directional to the west, but because of the 5,000-7,000 foot mountains directly to the east, the signal tended to travel well up and down the coast (they were dynamite in Sitka). Their old towers were at the present KEKA site (on Eureka Slough north of town). They dropped back to 1 kw non-directional to better serve Humboldt and Del Norte and took over the old KDAN 790 site at the foot of Humboldt Hill five miles south of town. I doubt their claim to better serve the area is really true, because in Arcata they can be nulled at night, not well enough to take copy of another station however.

I'm surprised the Coos Bay area is so poor here daytime in the winter. It's not that far away. KSHR 630 is great, but KYNG 1420 barely audible and forget KOOS 1230. And you can forget Florence and Newport for obvious reasons, hi. I still keep trying for KTLI 1590, poor at night, nil daytime. I do get slop from KEKA's second harmonic. . .yes, slop from a second harmonic!

That's it this week. 73 de Rth. .

DX WORLDWIDE EAST

DXWW East Temporary Editor:

Donald Erickson, 6059 Essex St., Riverside, CA 92504

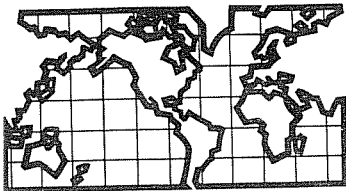
New Deadline: Thursdays, 16 days before issue date. Phone: (714) 687-5910.

Pan American DX Roundup

- 540 Venezuela Villa Rosario YVOV Radio Perija 2/16 0154 mixture of soft Spanish music & other typical SS mx; M anncr. Vy str; came right in o/CJ5B. (Wyllie-MA)
- 570 Cuba Santa Clara CMEA Radio Rebelde 2/9 0215 gd o/NY stns here. Some sports event. (WW-MA)
- 760 Colombia Barranquilla HJAJ La Voz de Barranquilla 1/25 0249 w/another SS stn (Cuba?). Also 2/9 0215 vy wk & 2/19 0637 w/mx & talk by M & W; gone by 0647. (WW-MA)

Week's Contributor

(WW-MA) William Wyllie - 95 Peck Street - Franklin, MA 02038
Realistic Astronaut 8, built-in antenna



DX WORLDWIDE - WEST

Pat Martin - Editor

P.O. Box 843, Seaside, Oregon 97138

(503) 861-3185- deadline Tuesday

DX this week has been rather interesting, with several Southeast Asians heard. Most were the regulars like VOA-1575 and Malaysia-1475, but I did hear an unid Thai station on 738 KHZ (See under TPs) News from Chris Martin in Australia and DX Australia comes news: Ethnic Broadcasting Station 4EB commissioned it's new 500 watt transmitter on 1053 KHZ at 0900 UTC on Jan. 27th. The CE is Graham Newton (ex 1485 khz-107 watts). Radio for the Print Handicapped commissioned it's 500 watt Transmitter at Long Pocket, Brisbane on the 13th of February at 0700 AEST. The call is 4RPH-1620 KHZ. Current schedule is for three hours daily between 2100-0000 UTC. Address:4RPH-139 Wharf Street-Brisbane 4000. The ABC now has a generic address in the Capital cities of GPO Box 9994. Now on with reports:

PAN-AMERICAN DX ROUNDUP

- 650 HONDURAS, San Pedro Sula-HRVW-extremely strong 1/31 no sign of WSM at 0115 until past 0200. "La Voz de Centroameriva" Call letters and located given often. (BN-Co)
- 840 CUBA, Santa Clara-0245 to 0300 w/ID sounding like "Radio Revolucion" and location of Santa Clara given several times, 1/31, no trace of WHAS. (BN-Co)
- 900 BARBADOS, CBC apparently the one on top when tuned in at 0100 w/ British accent nx of Caribbean and Guyana, faded u/XEW at end of news 2/21. (BN-Co)
- 1370 MEXICO, Mexicali-XEHG 2/2 at 0130 w/numerous "Radio Nortena, HG" IDs(BN)

TRANS-PACIFIC DX ROUNDUP

- 738 t THAILAND?, Bangkok, poss. the one here w/ YL in Thai type lang, at 1620 w/NX pgm, o/u South Korean, faded out by 1628 on 2/24. Tent. taped report sent to Royal Army Station in Bangkok. (PM-Or)
- 828 PHILIPPINES, Cagayan de Oro-DXCC, hrd again w/Fran Sinatra song at 1525 on 2/24, good for a while, taped slogan jingle ID at 1529 "Radio-Mindanao-Network, Radio D-X-C-C, KHZ 8-2-8". This station sure is regular anymore. They must have a great tx site! (PM-Or)
- 891 THAILAND, Saraburi-Radio Thailand hrd here 2/27, poor u/o South Korean, OM with talks at 1545, soon lost to Korean. (PM-Or)
- 1475 MALAYSIA, Kota Kinabalu, Radio Malaysia fair with old US Pop tunes and YL anc at 1539 on 2/27, some het QRM from Radio Hauraki-1476, but readable. (PM-Or)
- 1575 THAILAND, Ayutthaya-VOA with talks in EE at 1620 on 2/27, vy good, with no QRM from DUs (2-Double 0). (PM-Or)

VERIFICATIONS:

- 603 JAPAN, Okayama-JOKK, received very friendly typed letter in EE, with full-QSL details, along with 4 photos of station and other city locations, beautiful photos!!! No signer on letter. Took 3 months-5 KW (PM-Or)
- 1530 NEW ZEALAND, New Plymouth-2YP, sent regular NZBC QSL card with full details in 3 weeks for taped report. 1 KW, but soon to be 2 KW, per letter and Radio Taranaki sticker. James A. Paxie-Senior Non-Commercial Programme Executive-signer. (PM-Or)
- 1610 ANGUILLA-Radio Caribbean Beacon, nice verie card signed by Gareth Hodge, GM-Mentions 690 KHZ operating also. has anyone hrd them there? Country #46 verified. (BN-Co) (Bill: I believe someone back East reported R. Caribbean Beacon on 690 KHZ sometime back.PM)

THANKS TO THESE REPORTERS:

- BN-Co Bil Nittler-Box 724-Meeker, Colorado 81641
HQ-180, Longwire antenna
- PM-Or Yer Editor
SP-600JX, RB0-2(E.H. Scott) (2) 1500 foot East Bev., (1) 200 ft. NE LW.

EASTERN DX ROUNDUP

Bob Lazar

11011 Becontree Lake Drive, #410
Reston VA 22090

Deadlines: Mondays 3/12, 3/19, 4/2, 4/16, 5/7 All times Eastern

Of Special Interest

- 640 WMSO TN Collierville, 2/15 1810 constant behind semi-nulled WHLO w/ nx, ads, ID as "AM 6-40." Ex-630 AM. (JH-PA) (actually, they're ex-1220.--ed)
- 770 WKZY FL North Ft. Meyers, 2/19 0749 "AM stereo 77 WKZY" and "WKZY, N. Ft. Meyers" ID's noted. Playing oldies w/ A1 nx on the hour. First time hrd. Nothing in the log book on this one. Power? (JBH-FL) (Daytime pwr is either 10 kw or 5 kw, I have conflicting information. Night power is 1 kw.--ed)
- 1120 WQXM GA Gordon, 2/16 1814 ID w/ ad for furniture sale. Poor. New. (JBH-FL)
- 1460 WQLS OH Painesville, 2/14 1327 hrd male ID as 1460 WQLS, the lifestyle of Lake Co. This is local ex-WPVL. A/C format. (PP-OH)
- 540 WGTO FL Cypress Gardens, 2/15 1840 local wx, ID, then C&W-style mx. Poor w/ moderate QRM. Where is Cypress Gardens in FL, I can't find it on my map. (JH-PA) (Just outside of Winter Haven.--ed)
- 550 KSD MO St. Louis, 2/9 1830 constant in jumble w/ traffic rpts, political talk, "55 KSD", fair w/ QRM. (JH-PA)
- WAYR FL Orange Park, 2/9 1814 s/off w/ God's Blessing, poor but luckily caught whole s/off fairly clear. (JH-PA)
- 570 ???? ?? unknown Canadian stn s/off. Hrd "Oh Canada" (under???-ed) WMCA and WSYR. Weak but good signal. Didn't hear actual s/off. 1/19 2300. (WW-MA)
- 600 WREC TN Memphis, 2/19 0651 ID w/ ad for YMCA, oldies mx. Good. (JBH-FL)
- 650 WSM TN Nashville, 1200 2/14 hrd male give ID as WSM Nashville then into nx. Weak signal but understandable. Noted 24 hr reception here past two weeks. (PP-OH)
- 740 WKIS FL Orlando, 2/19 0729 "Radio 74 WKIS" ID noted u/ Cuban. Poor. (JBH-FL)
- 790 WETB TN Johnson City, 2/9 1754 fair atop mess for a few min w/ no. to call to win concert tkts, MoR mx. (JH-PA)
- 810 WEKG KY Jackson, 2/15 1814 s/off "on behalf of the entire staff & mgmt of WEKG..." Barely audible u/ blasting ZNSJ. (JH-PA)
- *WGY *NY* Schenectady, 1/16 doing f/c w/ tones & voice ID. (WW-MA)
- 830 WNYC NY New York, 2/9 1811 fair in SSS mess. Nothing special. (JH-PA)
- 850 KOA CO Denver, 2/23 2013 C&W song, ID w/ ment of "KOA on 85" by m DJ. Fair. (WPT-DC)
- 960 WWST OH Wooster, 2/14 1305 hrd male give ad for store in downtown Wooster. Very hard to understand due to much WFUN QRM. (PP-OH)
- 990 WNYR NY Rochester, 2/14 1312 very weak signal playing C&W mx and hrd ID as "WNYR" but this stn listed as 680. Is this 250 w? (PP-OH) (This is 5 kw day, 2.5 kw night. WNYR has a special authorization to operate on 990 due to interference from CFTR on 680.--ed)
- 1070 WANM FL Tallahassee, 2/12 0905 ID noted after REL pgm. Good. (JBH-FL)
- 1080 WEEP PA Pittsburgh, 2/14 1320 mixing w/ other stns. C&W mx, hrd ID as Weep. Very hard to understand. Is this really 50 kw? (PP-OH) (Yes, but directional, probably away from you.--ed)
- 1130 WMGA GA Moultrie, 2/14 1700 "WMGA News Radio 11-30." CNN & GA Radio nx. Good copy, new. (JBH-FL)
- 1140 WBZY PA New Castle, 2/14 1325 C&W mx noted, weak signal w/ much QRM from WCXI. Hrd m say "here on AM 1140 WBZY." (PP-OH)
- CJTR PQ Trois-Rivieres, 1/18 2253 weak signal. Had FF talk show. (WW-MA)
- 1150 WRUN NY Utica, 2/2 1720 rock mx by the Pointer Sisters & Chicago, chorus singin "WRUN", nx at 1720. Strong sig overpowering WHUE in Boston. (WW-MA)
- 1170 WWVA WV Wheeling, 1/25 1725 came in in daytime before it was dark, overpowering local daytimer in the next town, Norfolk, MA. Totally wiped out WJCC. (WW-MA)
- 1190 WREM FL Pine Castle-Sky Lake, 2/13 1812 ID w/ s/off at 1815, no SSB. Poor sig o/u Cuban. (JBH-FL)

- 1240 WWCO CT Waterbury, 2/2 1800 good signal behind local WWON. Not noted here in years. (WW-MA)
 unid ?? unknown FF stn noted on 2/3 0015. Plays French mx & had m & f talking between songs. (WW-MA)
- 1280 CHAM ON Hamilton, 2/20 0115 ID "AM stereo Cham". C&W mx, promo for top 300 country hits. Good signal. (RR-PA)
- 1290 CJBK ON London, 2/17 1822 wx by f. Good o/ local WFBG. (RR-PA)
- 1340 WNHC CT New Haven, 1/25 1735 good sig thru mess on 1340. Rock songs, ads. Not hrd in years. (WW-MA)
- 1380 WNVR CT Naugatuck, 2030 2/20 in and out of mess w/ "14 NVR" IDs and T40 mx as well as ads. (JH-PA)
- 1400 WBMA NC Beaufort, 2/22 0007 ID by m w/ ment of Atlantic Beach Causeway. Fair atop GY pile. (WPT-DC)
- 1440 CFGO ON Ottawa, 1/29 2243 plays rock songs. Good to fair signal. Hard to hear due to local WFTQ. (WW-MA)
- 1480 WJIT NY New York, 1/19 0036 SS pgming. Songs like "Sounds of Silence" & "El Condor Pasa" in Spanish. Weak but good signal thru local WSAR. (WW-MA)
- 1510 WMIB FL Marco Island, 2/18 1809 s/off w/ ment of xmtr site, power (1 kw!), freq., sure was a surprise as SSS cx were poor this day. (JH-PA)
- 1540 WYNC NC Yanceyville, 2/9 1754 "the new WYNC" w/ pop mx, good sig lasted only a few min. (JH-PA) 2/26 1800 s/off by m w/ ment of Roxboro. Fair. (WPT-DC)
- WKIE VA Richmond, 2/9 1745 probable s/off - only hrd "This is WKIE, Richmond", then nothing. Nice sig. (JH-PA)
- 1550 WAAY AL Huntsville, 2/15 1850 xlnr at times w/ everybody nulled. "AM stereo Way", T40 mx. (JH-PA)
- WSER MD Elkton, 2/16 1744 s/off w/ address & inv. to tune in bright & early, variable QRM. (JH-PA)
- 1560 WPAD KY Paducah, 2/20 0107 local nx, ID "WPAD Paducah", C&W mx. Fair thru some QRM. (RR-PA)
- WYZD NC Dobson, 2/15 1759 in WQXR null w/ local wx, then s/off w/ ment of owners, pwr, freq. (JH-PA)
- 1570 WKKS KY Vanceburg, 2/16 1803 nice reception. ID & TC. Sig lasted 5-10 min. (JH-PA)
- XERF Mexico Ciudad Acuna, 2/20 0100 ID repeated several times. DJ's handle was "Night Hawk." Jackson 5. Xlnr at first, completely gone 5 min. later. (RR-PA) (Normally foreign stns should not be reported to this column. One exception is stns that might be confused with domestics such as this one. Even though they may ID as Del Rio, Texas on the air, they are licensed only to Cd. Acuna, Mexico.--ed)
- 1580 WSRF FL Ft. Lauderdale, 2/18 0124 nx by m Rx (???-ed) oldies. Very good signal w/ little fading. (RR-PA)
- WBBE KY Georgetown, 2/16 1810 way "back there" w/ 70's pop, 1812 wx. (JH-PA)
- WTTN WI Watertown, 11/22 1045 hrd male say "9:45, 15 min. till ten on WTTN." Strong sig, dominant on freq. Reception is beautiful now. (PP-OH)
- 1590 WSRW OH Hillsboro, 2/17 1816 s/off by m. Fair, fade out at end of s/off. (RR-PA)
- 1610 Anguilla, Carribean Beacon, 9/29 2235 dominant signal but faint. Sounds like Christian mx. (PP-OH) (Again, foreign stns should be reported to the foreign column.--ed)

Eastern DXers

- JH - Jim Hall, 240 Byron Rd., Pittsburgh, PA 15237
 (R-600, Juliette AM stereo, 400' & 100' lws)
- JBH - Jody Hughes, 13720 Gulf Blvd., Apt. 401, Madeira Beach, FL
 (DX-160, DA5 ant.)
- PP - Paul Pellettiere II, 7726 Fern Dr., Mentor, OH 44060
 (DX-160, 50' lw)
- RR - Robert C. Ritchey, RD #1, Box 738, East Freedom, PA 16637
- WPT - Bill Townshend, 4500 Connecticut Ave. NW, #901, Washington, DC 20008
 (TRF, Sony ICF-S5W)
- WW - William Wyllie, 95 Peck St., Franklin, MA 02038
 (Realistic Astronaut 8)

CENTRAL DX ROUNDUP

Robert Kramer
6416 N. Richmond
Chicago, IL 60645

UNDEID, SPECIAL, CHANGES, et. al.

- 1340 KFKF KS KANSAS CITY, 2/20 0209 good w/spot & promo, ex-KFKF. RK-IL
- 570 WMI MS BLOXI, 2/16 0401, poor u/KKQX w/female ancr, ID & C&W mx. RG-IL
 KRQX TX DALLAS, 2/16 0341, fair, w/several call letter IDs, also used slogans
 "K-rocks" & Stereo 570, 60's rck, male ancr. RG-IL
- 630 WIAP KY LEXINGTON, 2/8 0424, fair, mixing w/contemp rel. mx stn, in KKOK null,
 W/ID & CHR mx. RG-IL
- 680 WCNN GA NORTH ATLANTA, 2/8 0453, good w/CNN nx, PSA, ID. RG-IL
 CFTR ON TORONTO, 1/30 0222, good w/several IDs, CHR mx, lcl ads. RG-IL
- 710 WUPF GA EASTMAN, 2/16 0638, fair w/many lcl ads, farm & ag nx, ID. RG-IL
- 940 WPCP MS HOUSTON, 1/31 0300 good w/TT, ID. RG-IL
 KVSH NE VALENTINE, 2/19 1815 C&W mx all alone. TMJ-IL
- 1010 KMP CO BRUSH, 2/14 1908 w/nx u/CFRB. TMJ-IL
- 1030 KHOG AR FARMINGTON, 2/17 1858 s/off xint, all alone. TMJ-IL TMJ-IL
- KTWO WY CASPER, 2/19 1840 w/tlk, mx way o/WBZ nearly 1 hour before patt. change//
- 1050 KBUF KS GARDEN CITY, 2/17 1915 s/off all alone. TMJ-IL
- 1060 WKRQ MN HIBBING, 2/19 1820 w/tr good until 1830 s/off, ment. WFDX-FM, "Super Q"
 slogan. TMJ-IL
- 1090 KKBB CO AURORA, 2/14 1914 w/mx, lcl spots w/KAAY looped, again prior to aurora
 cx like cx that knock out east stns. TMJ-IL
- 1170 KSTT IA DAVENPORT, 2/8 0523 poor u/KVOO & WWVA mix w/lcl PSA. RG-IL
- 1250 WMA SC CHARLESTON, 2/5 0001 good w/s/off. RG-IL
- 1310 KFSB MO JOPLIN, 2/17 1845 w/tr mx. TMJ-IL
- 1440 WHIS WV BLUEFIELD, 2/4 0553 popped out of mess w/ID. RG-IL
- 1590 WCGL MS JACKSON, 2/13 0431 fair w/ID & oldies. RG-IL

FREAK CHECK

- 1530 KQNK KS NORTON, 2/13 0111-0120, poor u/WCKY partial null w/TTs & ID. RG-IL

FREAK CHECK II

RG.... Bob Gerardi 1421 N. Franklin Apt. 7 Benton, IL 62812

(RF-2200, ICOM R-70, 500' mini-beverage)

TMJ... Tom Jasinski 503 Jensen Shorewood, IL

(FRG-7, 2 1/2' loop)

RK.... Anchor man

(R-1000, HQ-140X, HQ-129X, Radio West Loop, Kowalski Loop, spiral loop)

CADY GET TOGETHER

The 14th annual Chicago Area DXers get together will take place over Memorial Day Weekend, May 25-28. There will be plenty of fun, including the annual whiffle ball game & hopefully some TV DX (if skip is in). For more info, call host Robert Kramer at (312)-262-6299, or write the address at the top of the page,

Berry's World

By Jim Berry



10-4

"It's one of those new talking clock radios!
Don't you LOVE it?"

Nancy Hardy
2301 Pacific Avenue
Aberdeen, WA 98520

WESTERN DX ROUNDUP

All times are
Eastern Local

Phone for hot WDXR tips: (206)532-6827 till 10pm(PLT)

DEADLINES: Tuesdays 3/13, 3/20, 4/3, 4/17, 5/8, 6/5

REPORTERS FOR THIS ISSUE:

(BH&NH) Bill & Nancy Hardy-DX'ing near Olympia, WA

Car rx

(JH) Jim Hilliker-1502 E. Hedgewood Ave.-Anaheim, CA 92805
Kenwood R-1000, Radio West loop

(GL) Gary Larson-2806 N. Lincoln-Burbank, CA 91504
DX'ing in San Fernando, CA

(PM) Patrick Martin-P.O. Box 843-Seaside, OR 97138
SP-600, 200' LW

(RM) Roy H. Millar-7420-57th Dr. N.E.-Marysville, WA 98270
FRG-7, SM-1

(BN) Bill Nittler-Box 724-Meeker, CO 81641

(DP) Dale Park-2253 Kanealii Avenue-Honolulu, HI 96813
Sony ICF-6700W

(RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118
GE Superadio, GE long-range portable

(ØW) John Wilkins-4385 Hoyt St. #205-Wheat Ridge, CO 80033
R-1000, spiral loop

OF SPECIAL INTEREST:

530 HAR CA, Sacramento area 2/23 0230 TIS stn here w/construction
info for I-80 west of Sacramento. Repeated. Fair, fadey.(PM-OR)

1030 *KBSM* MO, Blue Springs new one ET'ing w/KTWO off 2/20 0312-0325
OC/TT and Kenny Rogers record "This Woman" played over & over.
(BN-CO)

+MM 2/20 ID at 0344 "This is KBSM, Blue Springs, MO now
conducting eng. maintenance." Not hrd again, though listened
until 0425. Good sig, way o/XEQR. No sign of WEBZ; KTWO off.
(ØW-CO)

WBDX TN, White Bluff MM 2/20 0602 s/on, followed by C&W mx, OM
anncr, no ads until after 0630. Fair sig, generally o/XEQR &
WEBZ; finally k/o'ed by KCTA s/on 0644. New, TX #3. (ØW-CO)

1340 KFKF KS, Kansas City MM 2/20 0223 hrd ID o/mess "K-F-K-F AM,
Kansas City"; new call, ex-KCKN. (ØW-CO)

1610 KNHD-261 WA, metro Olympia 2/19 1630 TIS stn here w/I-5 construction
info, S. of Olympia. Fair. Surprise to hear this during the
day. (PM-OR)

+2/28 Highway Advisory Radio (HAR) TIS noted while visiting
Olympia. Callsign & messages repeat every 15 seconds. Regular
message noted 1545-1700, OM mentioned possible delays in
Olympia area. By 1720 message was changed to YL describing
lane closure on I-5 at milepost 106, Olympia not mentioned. YL
message still going 2/29 0100. Signal gets out a good 5 miles
in all directions, & may even be from synchronized xmtrs as
feed was xlnt at two points 6 miles apart w/hetting halfway
between. No sign of this back on 2/13 so it's come on in the
past two weeks. (BH&NH-WA)

540 KNAK UT, Delta 2/12 1955-1959 started to play s/off by mistake,
into local spot, PSA, then s/off at 1959. Poor. (JH-CA)

610 KRKE NM, Albuquerque now playing rock mx "The Top of the Rock,"
dropping C&W. (BN-CO)

640 KFI CA, Los Angeles 1/22 0120 Doobies' "Minute by Minute," promo
for KFI/Yoplait Yogurt ski contest, Lionel Richie's "Truly."
Never hrd here w/KORL on until now. Moderate to heavy KORL-
650 slop, moderate static. (DP-HI)

700 KGRV OR, Winston 2/14 0040 poor in KFAM null thru KFIA/XETRA slop
w/OM preacher, ID. 1st day of broadcasting. 2/16 0258 good w/
s/off annct thru slop, ment. of 500w nights & 25kw days, xmtr
in Roseburg. May have been a s/off annct similar to KUPI-980's,
just giving details then going back into program. Unsure if
24 hours or not. (RW-CA)

710 *KMPC* CA, Los Angeles 2/20 0453 on w/OC. (GL-CA)

740 KMEQ AZ, Phoenix 2/16 1947 ad for First Federal, wx (650), then into EZL mx; hrd slogans "Cameo" & "K-M-E-O AM 74." Fair in QRM. (ØW-CO)

KBRT CA, Avalon 2/12 0415 noted testing, OC & mx on and off. (JH)

KSSS CO, Colorado Springs 2/16 1952 fair w/C&W mx, YL DJ. Slogan is "Your Complete Country Station." (ØW-CO)

760 KMTL AR, Sherwood w/hymns and s/off in clear 1/28 1815, prompt v/c back. (BN-CO)

770 *KOB* NM, Albuquerque 2/20 0455 OC strong. (GL-CA)

790 KXXX KS, Colby 2/17 1900 ID "This is K-X-X-X, Colby, KS," then ABC nx; 1905 into C&W mx. Good sig. (ØW-CO)

910 KJJJ AZ, Phoenix 2/20 0455 fair w/C&W Night Games. Mixing w/KOXR. (GL-CA)

960 KABL CA, Oakland-San Francisco 2/20 0507 good w/wx & ID, into instrumental mx. (JH-CA)

970 KVIM CA, Coachella 2/20 0457 poor w/SS o/u KUZZ. (GL-CA)

KYTE OR, Portland 2/11 2320 ID, 1st time noted w/MYL format. Good signal. (JH-CA)

980 KVLV NV, Fallon 2/12 2008-2011 noted after KSVK s/off, poor to Fair in KFVB null. Nx, wx, echo chamber ID "Voice of the Lahontan Valley, KVLV." (JH-CA)

KSVC UT, Richfield 2/12 2000 good in KFVB null, end of relig. show, ID, ment. shows on FM. "It's 6 o'clock, this is K-S-V-C, Richfield, goodnight." Then off, no SSB. 1st time hrd at SSS. (JH-CA)

990 KTKT AZ, Tucson 2/16 2002 Michael Jackson/Paul McCartney song, Duran Duran, etc; strong sig, dominant after KRKS s/off. (ØW)

?KTKT?+ 2/20 0459 rock, no ID, right into next song "Fly Like an Eagle." (GL-CA)

1000 KRHS AZ, Bullhead City 2/12 2015 end of C&W mx, ID, into s/off, ment. power of 1000 watts, freq., etc. "Tune to KRHS-FM, Bullhead City, AZ." Off, no SSB. Fair. First time hrd at SSS. (JH-CA)

1010 KCMP CO, Brush-Ft. Morgan 2/17 1914 ID, pop and C&W tunes; pgm note for Coaches Clipboard, live from the Honeybun Bakery; sudden drop 1927, presume power cut; before that very good. (ØW-CO)

1070 ?CKST? AB, St. Albert apparently the one w/Alberta wx 2/19 1940, and "Radio 1070" ID. (BN-CO)

1090 KING WA, Seattle 1/23 0737 YL w/CNN Headline News (or CNN Radio), ads. Very poor w/het from 1089, thunder QRM. (DP-HI)

1110 *KRLA* CA, Pasadena 2/20 0500 w/OC. (GL-CA)

1130 CKWX BC, Vancouver 1/23 0559 hrd "Sincerely," DJ gave ID as "Supercountry CKWX 11-30." Mx by Jerry Jeff Walker featuring live chickens. Very poor w/thunder QRM. (DP-HI)

1150 KSAL KS, Salina 2/20 0150 local talk show, ad for The Glass Shop; 0200 ID "This is Radio 1150, K-S-A-L, Salina, KS with the news more people depend on," then ABC nx. Good sig, local KRZN 100% nulled. (ØW-CO)

1190 KEZY CA, Anaheim 2/20 0501 rock o/u KEX. (GL-CA)

1230 KDOV OR, Ashland per verie, hours are 0800-0300. (RW-CA)

1240 KODY NE, North Platte a surprise logging 2/19 1715 w/strong sig, no sign of usual KRAL. (BN-CO)

KELK NV, Elko MM 2/20 0300 very sudden & quick ID o/KDIG, then gone, part of s/off? "K-E-L-K, owned by Elko Broadcasting, Inc." then gone. Poor. New. Now only 3 more needed for 100% Nevada. (JH-CA)

1250 KWSU WA, Pullman 2/11 2102 promo for WA State BKB, ID, fair to poor in KTMS null. (JH-CA)

1260 WIBV IL, Belleville 2/16 0112 C&W mx, wx (500), OM anncr. Good but soon faded. KVSF nulled. (ØW-CO)

1300 KROP CA, Brawley 2/16 0123 ad for EKB game "Saturday at 7:30 on KROP," sponsored by the Owl Cafe of El Centro and others. TC for 10:23, Merle Haggard song; briefly o/QRM, no sign of KVOR. New, CA #33. (ØW-CO)

1310 KDIA CA, Oakland 2/20 0502 R&B song, in fair. Some KWKW-1300 slop. (GL-CA)

KEIN MT, Great Falls 2/16 0250 xlnt in KDIA null w/wx, no sign of KLIX. (RW-CA)

1330 KGAK NM, Gallup 2/20 0846 way o/KFAC w/ID "Nobody does it better, KGAK." (RW-CA)

KUPL OR, Portland 2/20 0750 noted w/C&W. Format change?(RW-CA) (Yes.--NH)

- 1340 KORV CA, Oroville 2/20 0915 on top briefly w/ID, "KORV news-time, 615..." ment. sports, local teams. Fair to poor. New. (JH-CA)
- KKBK NM, Aztec-Farmington-Bloomfield 2/20 0758 TT, into s/on, ID, gave address, etc. Poor to fair. (JH-CA)
+Hrd w/unusual strength at night here! Audible nearly every night. For example, perfectly readable 2/21 2130 ID "KBK." (BN-CO)
- KSIL NM, Silver City 2/20 0830 poor to fair in the mess, then on top. End of savings & loan spot, then woman reading local nx, community calendar, def. ment. "For further info, call the Silver City Museum at 538-5921." Gradually faded out. No ID hrd, but called stn to confirm, they said it was them. New. (JH-CA)
- ?*KSIL?*MM 2/20 0220 tent, looking for their 3rd MM f/c, hrd TT's, strong at times, but no ID. (JH-CA)
- KYCN WY, Wheatland MM 2/20 0210-0220 f/c (reg. 3rd MM), TT, frequent IDs. Poor, KDEN off. (ØW-CO)
- 1370 KEEN CA, San Jose 2/20 0505 C&W poor. Song Dancin' Cowboy. (GL-CA)
- 1390 KGER CA, Long Beach 2/16 0159 ID "You are in tune with 5000 watt K-G-E-R Long Beach." TC 11:00, into relig. program "Counseling With a Purpose." Good sig, dominant after KENN s/off. (ØW-CO)
- KENN NM, Farmington 2/16 0148 Carole King, other pops; s/off at 0157; good signal. (ØW-CO)
- 1420 KMOG AZ, Payson C&W 2/18 0948 w/XEF. (BN-CO)
- 1450 KVSI VT, Montpelier per letter, hours are 0858-2208. (RW-CA)
- 1460 KENO NV, Las Vegas 2/11 2200 ID, oldies show by satellite ment. "Saturday Super Gold." Fair in KTYM/KDON null. (JH-CA)
- 1470 KBXN UT, Tremonton 2/20 0930 wiping out everything on 1470 w/UT nx. (RW-CA)
- *XEBC*BCN, Tijuana 2/20 0507 OC, fadey. (GL-CA)
- 1480 (KWIZ) CA, Santa Ana 2/12 0300 off, but OC, at least til 0400. (JH)
+2/20 0508 rock-MOR, Fire & Rain by James Taylor. (GL-CA)
- 1490 KKAN KS, Phillipsburg 2/19 1830 good ID & wx for KS. (BN-CO)
- 1580 KNIX AZ, Tempe-Phoenix 2/20 0509 C&W in good to fair, but some fading. KDAY off. (GL-CA)
- 1600 *KWOW CA, Pomona MM 2/13 & 2/20 0424 off air, then later on w/OC, TT's. (JH-CA)
+2/20 0520 rock fading out at times, strong SS under. Song "Born to be Alive" then cut off before song ended. Probably an ET. 0525 song "Bit By Bit" (?) into new song at 0528 cut off then "Tighten Up" 0531. Also, OC & hum or OSC. Tones up and down and appeared to be switching power (5kw to 500w and back). (GL-CA)
- KLAK CO, Lakewood MM 2/13 0430 poor w/KGST QRM, oldies or C&W, ID "KLAK, with all your favorites." New. (JH-CA)
- 1622 KFX969 CA, Big Bear Lake 2/22 2115-2318 picking up City Council meeting in progress at 2121. Mx just prior to this at fair level; signal near close of xmsn also fairly good w/clear KTCT-FM ID at 2318 followed by weak KFX969 call. Nice what a clear channel can do for one "DX-wise," also my local noise that comes on at dusk doesn't bother in this part of the band. (RM-WA)

February f/c heard:

3rd Fr KGAK-1330 NM 0200-0205 (RW-CA)

February f/x tent. heard:

3rd Tu KFLA-1310 KS 0100-0107 (RW-CA)

UNIDs:

980 MM 2/20 0330-0345 and 0500 TT's fairly strong in KFWB null. (JH-CA)

1400 2/16 0243 in KRE null w/AT-40 on a Wed. night! (RW-CA)

1420 2/20 0815 unID w/strange language, OM w/nx, ment. "Tokyo" a few times, then lost w/XEYX. Poss. XEF, SS sounds a litte like JJ, or possibly KCNN? (RW-CA)

Welcome back to WDXR, Gary. It's great to have TWO reports from Colorado this week! ♥

**TOP
END**

March
1984

A monthly column of loggings, discussions &
information for the 1600 - 1800 kHz range.
Deadline: The last Saturday of the month
All times are GMT

Craig Healy 66 Cove St Pawtucket, RI 02861.....

First, courtesy of Patrick Martin and Mike Hardester is an identification of John Arthur's 1690 and 1700 loggings from last time.

1690 Kaohsiung Fishery BS in Taiwan ID's as "Kaohsiung yuyeh tientai"
For a QSL, send the Voice of Free China a cassette and don't offer any identification suggestions, and ask VOFC if they know who the station is.
1700 Keelung Fishery and Weather BS in Taiwan ID's as "Keelung yuyeh Tientai". Try the same scheme as 1690 for a QSL. Pat also reports hearing a USSR station in CC on 1700. Some kind of CC Foreign Service, location unk.

I've recently heard through several sources that the "cricket" stations that we hear are for the most part a system called Cubic Argo. So, I'll call them that from now on. The other common system is Decca HiFix. This sounds like the morse code letter J with the first dit in a lower tone than the rest.

Loggings:

1613 GUATEMALA Rabinal 0424 1/24 RAB fair. (Moman)
1618 ??? 0330-0340 2/20 KA83413 good. (Healy)
1625 ??? 1631 1/25 Cubic Argo weak-fair (Arthur)
1629 ??? 1148 2/1 M talking, short mx, gone 1150. Weak. (Arthur)
1630 ??? 1625 1/27 FZ953 weak. (Arthur)
1632 ??? 0600-0603 2/24 Cubic Argo good. (Healy) (Lankford)
1638 ??? (no time/date) FRB noted. Also on 1721. Maybe harmonics of 83kHz?
Could be, but if it's the same FRB hrd up here, it jumps all over the 1600-1800 kHz range. ed.
1638 ??? 1209 1/28 C225 and other cw beacons. (Arthur)
1642 ??? (no time/date) E369 w/ long pause between IDs. (Lankford)
1642 ??? (no time/date) FXYC (Lankford)
1642 ??? 1616 1/25 3 or 4 weak cw sigs. and a Cubic Argo. (Arthur)
1644 ??? 0346-0350 2/20 LGB TLX poor. (Healy)
1646 ??? 0625-0642 2/24 LGB TLX up here now, ex-1644. Noted w/ unstable chirpy keying when in morse code. Seems to send facsimilie sometimes. Fair w/ static. Noted back on 1644 0328 2/26. (Healy)
1650 HAWAII Wailuku 1609 1/22 3rd harm. of KMVI-550 weak-fair w/ skywave fades. (Arthur)
1652 ??? 1202 1/28 M313 fair. (Arthur) (Arthur)
1660 HAWAII Honolulu 1510 1/22 KCCN-1420/KISA-1540 product mix fr-gd.
1670 ??? 1227 1/26 Man in unid Oriental lang. Not Chinese, maybe Korean. Weak to poor. (Arthur)
1673 ??? 0446 2/20 FF USB station fair. Only 2 sentences hrd. (Healy)
1673 ??? 0603-0622 2/22 FF USB stations poor. Static, Cubic Argo QRM. Background sounds noted during pauses like the mike was left on. Woman noted 0610,0615,0618. Sounded like some form of ID but too poor to catch. (Healy)
1675 ??? 1632 1/28 Tone hrd. but no ID. Weak-fair. (Arthur)
1676 PAPUA NEW GUINEA Tsili Tsili (Honest!!) 1610 1/25 TSL beacon, wk-fr. Listed to 1675. (Arthur)
1685 COLOMBIA Mercaderes 0427 1/24 MER fair. Poor 0738 1/10. (Moman)
1685 same 0600-0602 2/22 MER good with lots of static. (Healy)
1689 PAPUA NEW GUINEA Mt. Hagen 1515 1/22 MH fair-good. (Arthur)
1726 ??? 1235 1/26 unid cw transmission. (Arthur)
1768 ??? 0626-0627 unid RTTY fair-good. (Healy)
1792 ??? 0544-0545 2/20 EE USB station poor-fair. Lots of numbers, like air traffic control. British accent. (Healy)
2380 IDAHO Sandpoint 0600 1/24 SZT 9th harm. fair. QRMing Falklands.(Moman)
2420 ??? 0904 1/24 UVS unid harm. Who?? (Moman) No listing here..ed.
2430 MONTANA Shelby 0906 1/24 SBX 7th harm. fair. (Moman)

Credits:

Don Moman at Joseph Lake, AB ICOM R-70/Kenwood TS430S, 1700' lev., 100'lw Dallas Lankford Ruston, LA R-390A, 100' lw (note: all Dallas' logging were in the last two weeks or so of January in the evening. ed)

John Arthur Pahoā, HI R-388, various dipoles and wire antennae me Pawtucket, RI R7A, 125' loaded lw, regenerative tuner/preamp And appreciated info from Mike Hardester in Cherry Point, NC and Pat Martin of Seaside, OR.

Interesting to note Dallas' logging of FRB. Hasn't been heard up here in a couple of months. I'd sure like to do a direction find on that thing. If it'd stand still for a while, that is.

I would like to do a composite bandscan like last year. Take some time and tune through 1600-1800 and send me your usual catches. I'll compile them and type them up in the column later on. Thanks!!

Mark Connelly - WA1ION DX Labs - 30 JAN 1984

A passive tuner has preselection as its primary function. Preselection is of increasing importance as few DXers live in areas with no strong local stations capable of spur/image production. Preselection is especially useful to DXers using lower-priced solid-state receivers having wideband input RF amplification. Such receivers do not offer the 'crunch-proof' operation of some of the 'top-back' solid-state gear and of many of the old tube-type stalwarts such as the HQ-100A & the R390A. With any decent length of wire capable of capturing weak DX, many receivers crumple up like an accordion and give urban & suburban DXers headache-producing local-station images & spurs instead of the desired DX.

Use of a tuner can go a long way towards solving such problems. One must remember that the gain of a passive tuner is generally about unity: the received signal is about the same as if the wire were connected directly to the receiver -- BUT, with the important consideration that, in general, spurs will be removed (thereby allowing longer-than-previously-useful wires to be utilised).

For those wanting actual gain, use either an active tuner such as APT-2 or APT-3, or use a Broadband Amplifier module between a passive tuner's output and the receiver's input. Figure 8 of the 'Modular Phasing Systems' article gives a schematic for a broadband amplifier card which may be readily mounted in a mini-box. Changing R5 of that card from 100 ohms to 33 ohms will beef up the gain a bit more. The amplifier's output should be routed out through a low-value resistor (about 33 ohms) in series with a DC-blocking capacitor (.1 uF).

The seven tuners to follow fall into two overall groups: Passive Series-L-C Tuners (PST's) and Passive Parallel-L-C Tuners (PPT's).

PST's have been the traditional favourite as phasing-unit input tuners. As they are tightly coupled to the antenna, tuning ranges are influenced greatly by antenna length: if many different length aerials are to be used, this may be perceived as a disadvantage, as the difficulty in memorising or looking up a whole batch of frequency-range switch position tables would tend to slow down tuning agility in a good-opening fast-frequency-hopping type operation. The advantage of the PST, because of tighter coupling, is somewhat more signal coupled to the receiver, phaser output module, or broadband amplifier input.

PPT's offer somewhat looser coupling. The critical factor is how much antenna-to-tank coupling capacitance will produce maximum tuner output consistent with spur-rejection & good Q. In PPT designs, 47 pF generally is best throughout the MW broadcast band, although for short aerials operated on the lower half of the band, better results could be obtained with greater coupling capacitance, in the order of 100 pF or more. Similarly, if Beverage-length aerials are being used, tuning sharpness above 1 MHz could be improved somewhat by decreasing the coupling capacitor to approximately 27 pF. In general, 47 pF does well for the vast majority of medium-wave PPT situations encountered.

A big advantage of the PPT is much more reliable frequency range switch settings, settings less influenced by antenna length than those of PST-style tuners. Furthermore, PPT's often provide sharper tuning (when not Q-spoiled) than PST's.

It has been found that use of inductive voltage divider schemes has been of great value in making the tuners 'work into' a wide variety of output impedances.

A big problem with many tuner designs heretofore published in DX magazines is that a given tuner will work well with some receivers and yet be useless with others.

Some receivers have a very low input impedance. A portable receiver using a ferrite rod antenna often uses a coupling coil of as few as 3 turns on the rod. That coil is usually grounded on one end; the other end goes to the external antenna jack. The input impedance of such a configuration may be less than an ohm DC resistance in series with a small inductance, perhaps less than 10 uH.

Many communications receivers have input impedances in the order of 50 to 75 ohms, primarily resistive.

Car radios may have very high input impedances, sometimes principally reactive.

The inductive voltage divider principle permits tuner operation with most conceivable receiver, amplifier, or phaser-output-module input impedances. Some signal is wasted in this process, but by careful design, loss can be minimized. Using an inductance-division ratio of between 8:1 and 16:1 has proved to offer optimal performance.

Passive tuners, in general, are to be used with aerials of minimum length approximately 1/16 of a wavelength (e. g. 18.8 m / 61.5 ft at 1 MHz). Use of a broadband amplifier module after the tuner may allow somewhat shorter wires to be tuned. Really short wires, car whips, bedsprings, etc. should be tuned with an FET-input active tuner such as APT-2 or APT-3.

All passive tuners described hereafter offer an output-level 'gain' potentiometer (R2 of Figures 1-4,6,7; R1 of Figure 5). This pot is necessary so that the tuner can be operated into a receiver or amplifier without overloading it with potentially-spur-causing signals on frequencies other than that of operation. This pot adjusts the level of RF out of the tuner without noticeably influencing tank circuit Q or the peak-yielding settings of the tuning capacitor & frequency range switch.

All tuners except the Mini-MHPPT (Figure 5) provide a second pot [R1] which is used to spoil Q as well as to adjust 'gain'. This pot is generally used only in PHASING applications: set it to CCW (max. Q) otherwise.

The main tuning capacitor (C1 of all tuners) can be either a miniature mica-dielectric type (e. g. Mouser 24TR210 or GC/Callectro A1-232) or the larger air-dielectric type of metal construction (e. g. Mouser 524-A1-227 or GC/Callectro A1-227). If the miniature type is used, the tuner can be constructed in Radio Shack's largest mini-box, the 270-238 (approx. 5.25 X 3 X 2.125 in.). Use of the air-variable capacitor will mandate a larger chassis: the Bud CU-3005A / Mouser 537-TF-779 (5 X 4 X 3 in.) would then be the preferred box.

Note that PST's require C1 to be 'floated above ground' (= isolated from contact with chassis). See the recent MWDX-2 article on ideas of how to accomplish this.

The vernier, or fine, tuning capacitor (C2 of Figures 1-4,6,7) is used primarily in phasing applications. It, and its series fixed capacitor, may be eliminated from the tuner if no phasing is to be done.

Choices of vernier capacitors include the Mouser 530-189-0565-1 (no series cap. needed) and the GC/Callectro A1-225. The A1-225 is larger than the Mouser unit (it also costs more), but it is easier to mount in a secure fashion; it also turns more easily.

Inductors greater than 1 mH (1000 uH) should be Mouser 43LH or 43LJ series. Those of 1000 uH or less can be Mouser 43HH, 43LR, or 43LS series; or equivalent units made by J.W. Miller, Nytronics, Delevan, Caddell-Burns, Dale, Krystinel, or other vendors.

Function switches (S1, all tuners) are simple DPDT (on/off/on) toggle types (e. g. Radio Shack 275-620). S2 of Figures 5 & 7 can be the same type switch. The 6-position / 2-pole frequency range switches (S3 of Figures 1-4,6,7) are Radio Shack 275-1386. Pots, fixed resistors, & fixed capacitors may be obtained from a variety of sources.

The antenna-input jack (J1) and the ground-input jack (J2) are Radio Shack 274-662 insulated binding-post banana jacks: use the red one for J1 & the black one for J2. Space J1 & J2 0.75 in. apart to permit the use of double-plug connectors & adapters.

RF-output connector J3 (all tuners) can be female BNC, UHF, RCA phono, N, SMA, F, or other coaxial type. J4 (Figures 3, 4, & 5) is Radio Shack 274-712 car jack.

Initial setup of a completed tuner entails setting length switch to normal, all pots to fully counterclockwise, and the tuning & vernier capacitors to centre (half-meshed). Running the frequency-range switch through its positions will help to ascertain the proper range: that with the strongest wanted-frequency signal. The DXer should make a 'look-up table' for frequency-range switch settings (similar to Table 1 of the recent APT-2 article). If wires of considerably-different lengths will be used, more than one such table may be needed - especially with PST's.

Of interest to beginners is Figure 5, the 'Mini-MHPPT'. This tuner is about the simplest design possible. Anyone should be able to throw this thing together in an hour or less. Parts expenditure should be under \$ 25. Every MW-DXer who uses a longwire antenna should make one of these boxes. This is meant to be a 'bare-bones' type module

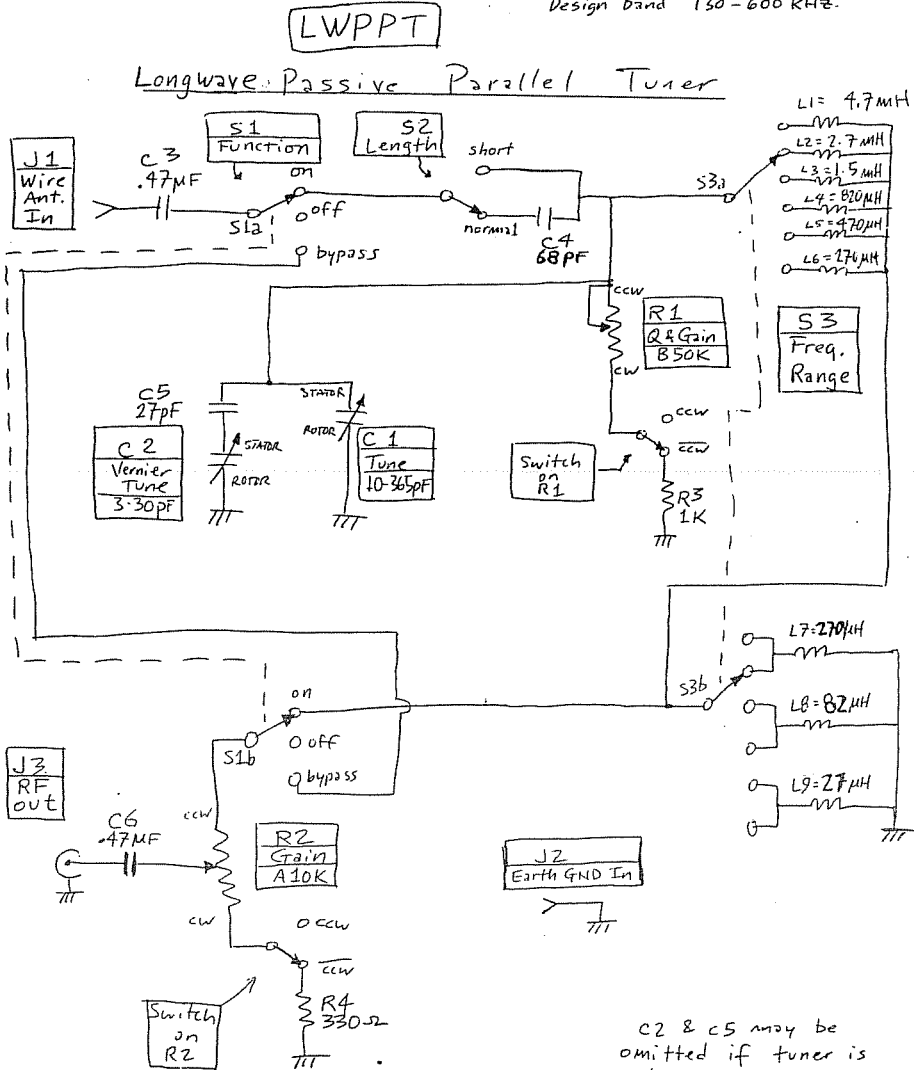
designed for easy operation. The Mini-MWPPT is not meant to be an input to a phasing system; the Q-pot & several other phasing-oriented features have been omitted for the sake of simplicity.

All tuners described work best when operated into a receiver having a metal chassis shielding internal receiver components. Operation with portables using ferrite rod aerials may be influenced somewhat by the direct pickup of the ferrite rod. Sometimes offsetting a tuner's tuning capacitor from peak can cause a dip - this is a crude sort of phasing whereby the tuner's output is phased against the ferrite rod's direct pickup. Such phasing is usually a hit-or-miss proposition, not something as dependable as the operation of a dual-tuner phasing unit.

Good grounding is important, especially for the proper operation of PST type tuners. The metal chassis of

FIGURE 1

Design Band 130 - 600 KHz.



C2 & C5 may be omitted if tuner is not to be used as an input module in a phasing system.

communications receivers plugged into mains is often a sufficient ground. Otherwise, use a pipe, mains, rod, vehicle chassis or other suitable ground connection. An otherwise-unused longwire or Beverage can sometimes be used as a 'dummy ground' at poor-conductivity DXpedition sites lacking other readily-available grounds.

The figures to follow should provide good starting points for experimenters -- these include:

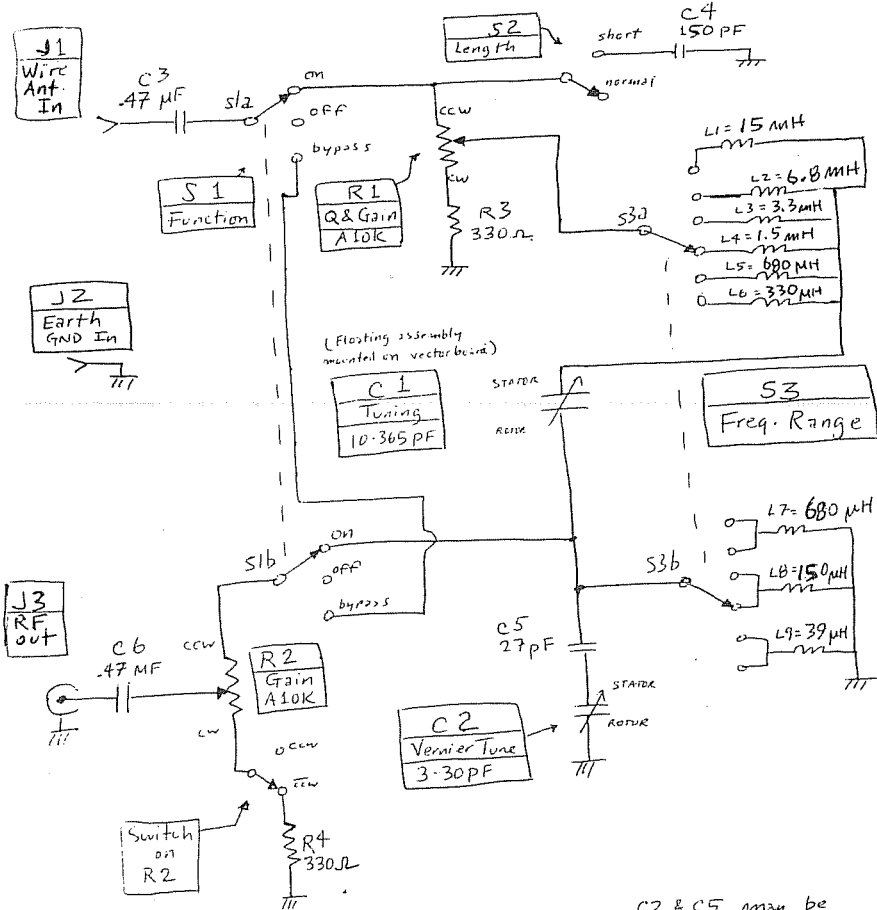
- Figure 1 LWPPT (Longwave Passive-Parallel-L-C Tuner)
- Figure 2 LWPST (Longwave Passive-Series-L-C Tuner)
- Figure 3 MWPPT (Medium-wave Passive-Parallel-L-C Tuner)
- Figure 4 MWPSST (Medium-wave Passive-Series-L-C Tuner)
- Figure 5 Mini-MWPPT (Miniature MW Passive-Parallel-L-C Tuner)
- Figure 6 TBPPT (Tropical-Band Passive-Parallel-L-C Tuner)
- Figure 7 TBPST (Tropical-Band Passive-Series-L-C Tuner)

FIGURE 2

Design Band 130-600 kHz

LWPST

Longwave Passive Series Tuner



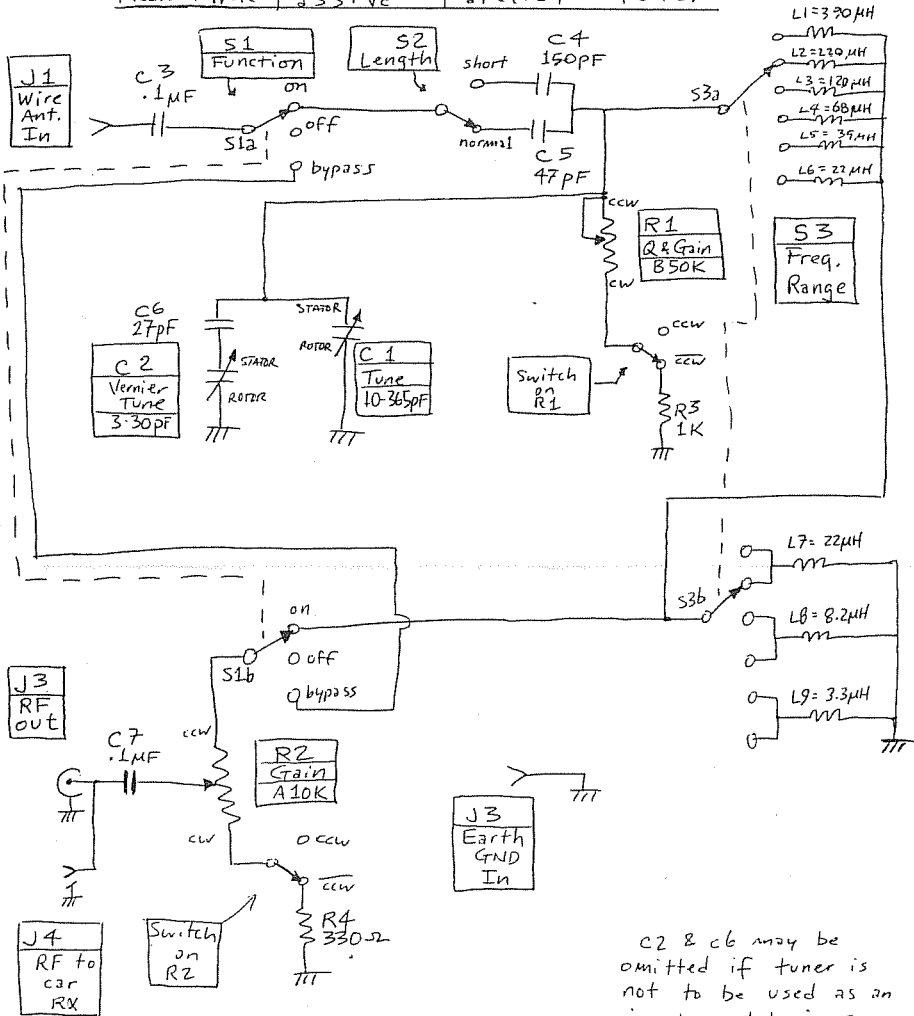
C2 & C5 may be omitted if tuner is not to be used as an input module in a phasing system

FIGURE 3

MWPPT

Design Band 450-2000 KHz.

Medium-Wave Passive Parallel Tuner



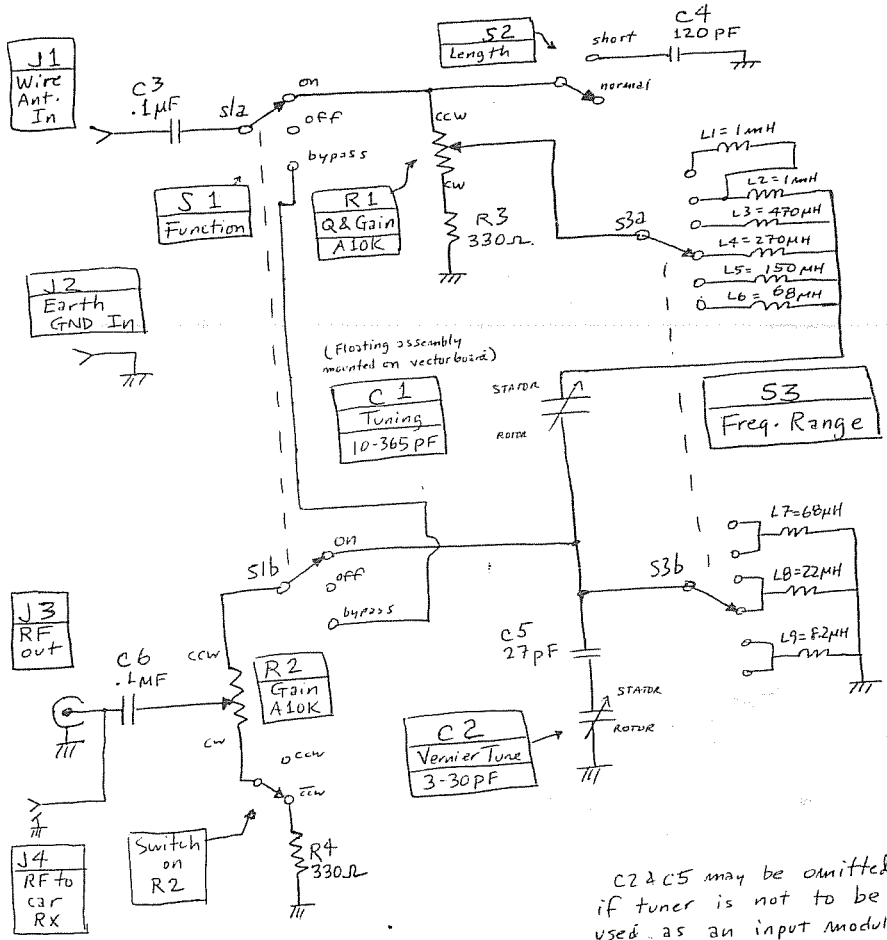
C2 & C6 may be omitted if tuner is not to be used as an input module in a phasing system.

FIGURE 4

Design Band 450-2000 KHZ.

MWPST

Medium-Wave Passive Series Tuner



C2 & C5 may be omitted if tuner is not to be used as an input module in a phasing system.

FIGURE 5

Mini-MWPPT

Design Band 500-1700 KHZ

"Mini" Medium-Wave Passive Parallel Tuner

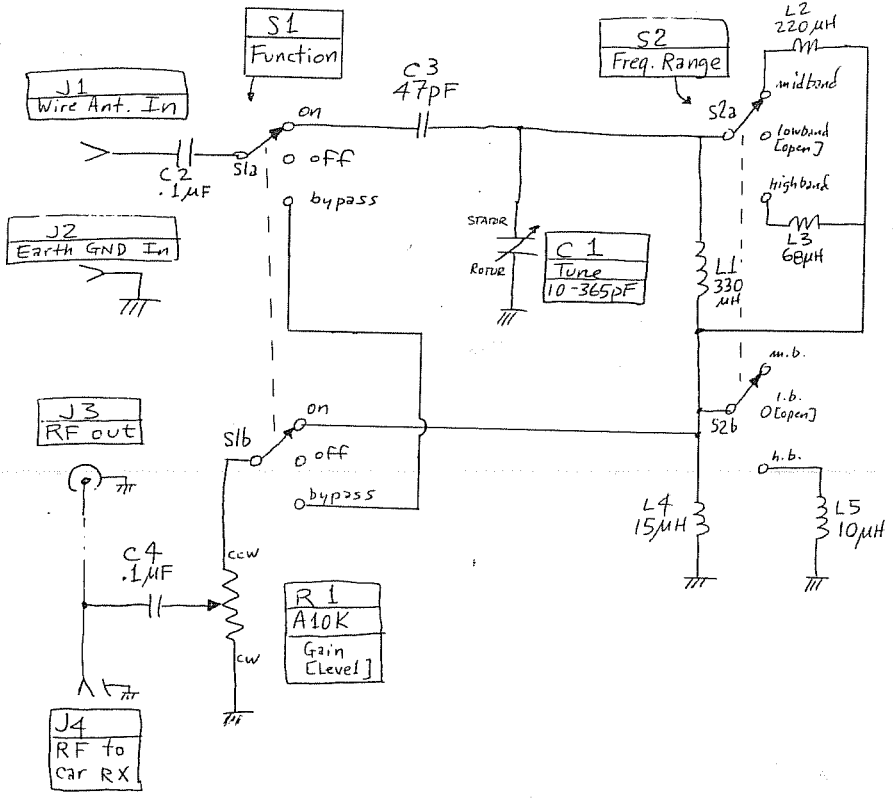
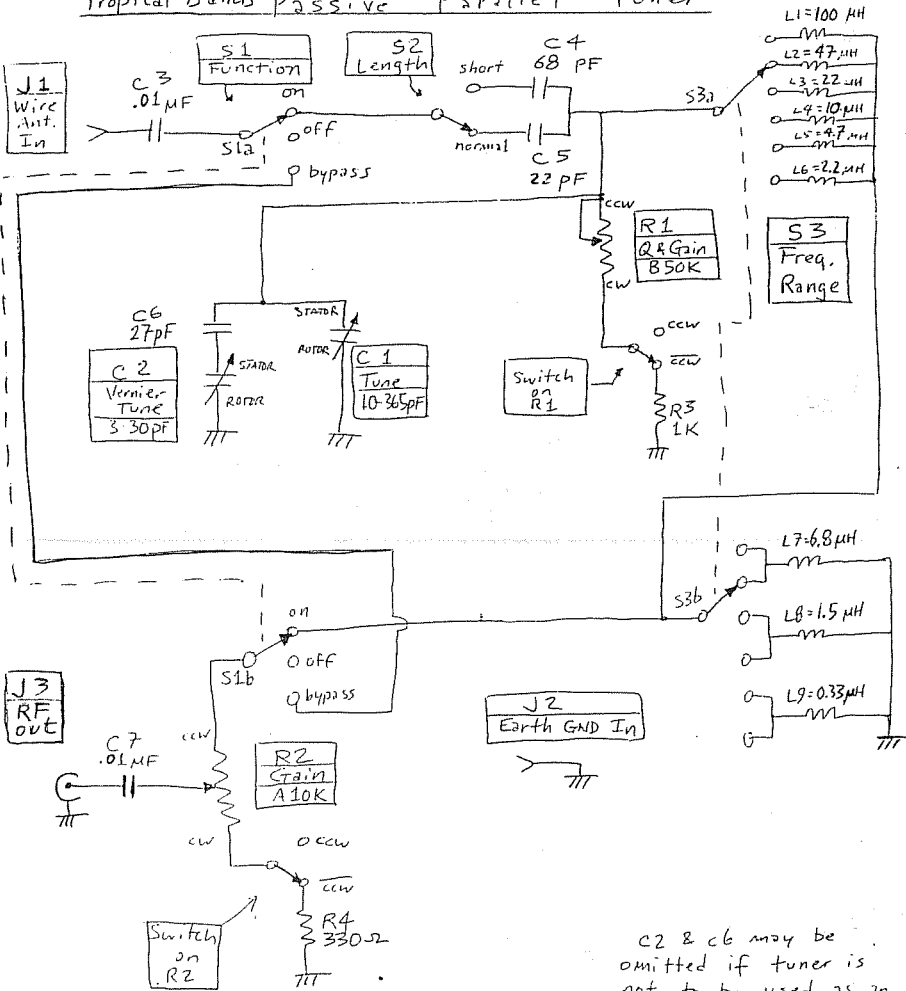


FIGURE 6

TBPPT

Design Band 1500-6200 KHz

Tropical Bands Passive Parallel Tuner



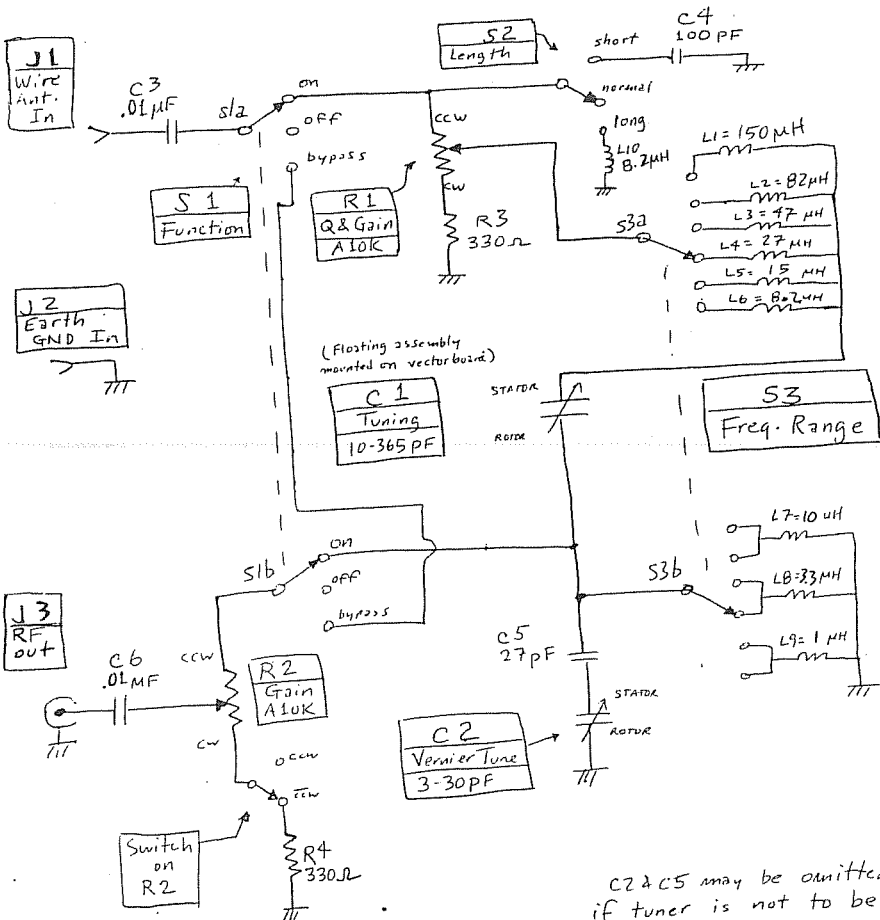
C2 & C6 may be omitted if tuner is not to be used as an input module in a phasing system.

FIGURE 7

Design Band 1500-6200 KHz.

TBPST

Tropical Bands Passive Series Tuner



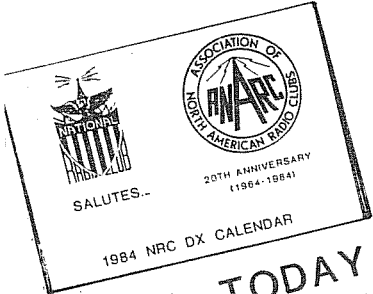
C2 & C5 may be omitted if tuner is not to be used as an input module in a phasing system.



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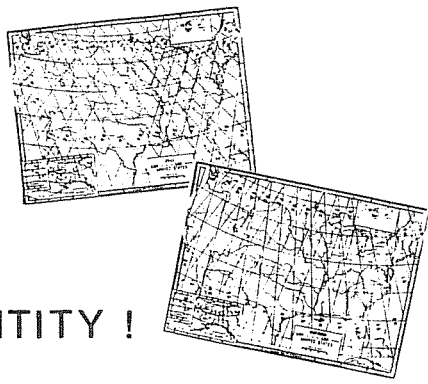
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